

Oracle® Beehive

Administrator's Reference Guide

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This book is a reference volume containing specific information on Oracle Beehive templates, command-line utilities, error codes, and component properties.

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Preface

The *Oracle Beehive Administrator's Reference Guide* describes administration tasks associated with Oracle Beehive.

Audience

This document is intended for administrators whose task is the installation, deployment, configuration, administration, and maintenance of Oracle Beehive.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documents

For more information, see the following documents in the Oracle Beehive Release 2 (2.0) documentation library:

Administration Guides

- *Oracle® Beehive Administrator's Guide*
- *Oracle® Beehive Beekeeper Online Help (Integrated UA)*
- *Oracle® Beehive Integration Guide*

Application Development

- *Oracle® Beehive Application Developer's Guide*
- *Oracle® Beehive Business Views*
- *Oracle® Beehive Java Content Repository Java API Reference*
- *Oracle® Beehive RESTful Web Services API Reference*

- *Oracle® Beehive SOAP Web Services API Reference*

Installation Guides

- *Oracle® Beehive Installation Guide for Linux*
- *Oracle® Beehive Installation Guide for Microsoft Windows*
- *Oracle® Beehive Installation Guide for Oracle Solaris on SPARC (64-Bit)*
- *Oracle® Beehive Installation Help (Integrated UA)*

Online Helps

- *Oracle® Beehive Central*
- *Oracle® Beehive Webmail*
- *Oracle® Beehive Standards-based Clients*
- *Oracle® Beehive Team Collaboration*
- *Oracle® Beehive Conferencing*
- *Oracle® Beehive Extensions for Outlook Supplemental Help and Release Notes*
- *Oracle® Beehive Extensions for Explorer Supplemental Help and Release Notes*
- *Oracle® Beehive Extensions for Explorer (OBEE) (Integrated UA)*
- *Oracle® Beehive Extensions for Outlook (OBEO) (Integrated UA)*

Mobile Devices

- *Oracle® Beehive Using Windows Mobile Device*
- *Oracle® Beehive Using iPhone or iPad*
- *Oracle® Beehive Using BlackBerry*
- *Oracle® Beehive Registering and Configuring Mobile Devices*

Planning Guides

- *Oracle® Beehive Concepts*
- *Oracle® Beehive Deployment Guide*
- *Oracle® Beehive Licensing Information*

Release Notes

- *Oracle® Beehive Release Notes*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Oracle Beehive XML File Reference

This module describes the structure of the following XML files:

- [Audit Templates](#)
- [Bulk User Provisioning XML Files](#)
- [Category Templates](#)
- [Group Templates](#)
- [Policy Definitions](#)
- [Workspace Templates](#)

Note: The tables in this module describe all the permitted elements for each XML element. The **Min.** column is the minimum number of elements required. The **Max.** column is the maximum number of elements allowed.

Audit Templates

An audit policy is a definition of rules and actions that determine which events should be recorded in the auditing logs, and the context (user or content) in which you want to do so.

To create an audit policy, you need an audit policy template and an audit policy definition.

An audit policy template is an XML file that has [AuditTemplateInfo](#) as its root element. It specifies which auditable events should be recorded in the auditing logs. To activate an audit policy template, you associate it with an audit policy definition.

An audit policy definition is an XML file that has [AuditPolicyInfo](#) as its root element. It specifies which audit policy template to activate, and which level of scope (user, organization, or enterprise) or level of the content hierarchy (such as an individual entity, folder, or workspace) to apply the audit policy template.

As a result, the audit service will record the events specified in the audit policy template in the auditing logs in the scope you specified in the audit policy definition.

You may also create an audit trail. An audit trail is a collection of audit records that have common characteristics such as the user or group who performed or triggered the event, the date and time that the event occurred, and the type of event. You create an audit trail with an audit trail template. This is an XML file that has [AuditTrailInfo](#) as its root element. It specifies which characteristics each audit record in the audit trail must have.

Sample Audit Templates

The directory `<Oracle home>/beehive/audit` contains the following sample audit templates:

- `policy_ex.xml`: Sample audit policy definition
- `template_ex.xml`: Sample audit policy template
- `trail_ex.xml`: Sample audit trail template

The `policy` directory also contain the file `audit.xsd` that defines the structure of audit policy definitions, audit policy templates, and audit trail templates.

AuditPolicyInfo

Root element of audit policy definitions.

Table 1–1 AuditPolicyInfo Elements

Element Name	Min.	Max.	Description
createdOn	1	1	DateTime
name	1	1	String, name of the audit policy
description	1	1	String, description of the audit policy
template	1	1	String, audit template's identifier. It can either be the collabID or the template's name.
container	0	1	String, identifier of the container or audit scope. Default value is the identifier of the enterprise. Note: You may not change this value with the <code>beectl modify_audit_policy</code> command.
actor	0	unbounded	Complex type that contains two attributes: <ul style="list-style-type: none"> ▪ <code>add</code>: Boolean, if false, and the XML template is used to update an existing audit policy, then this actor/group will be removed from the filter list. ▪ <code>id</code>: String List of audit filter identifiers. Each identifier can either be the organization user's identifier or the group's identifier. Default value is for all users if this element is not specified or empty.

AuditTrailInfo

Root element of audit trail templates.

Table 1–2 AuditTrailInfo Elements

Element Name	Min.	Max.	Description
createdOn	1	1	DateTime
name	1	1	String, name of the audit trail
description	1	1	String, description of the audit trail

Table 1–2 (Cont.) AuditTrailInfo Elements

Element Name	Min.	Max.	Description
actor	0	unbounded	String, list of identifiers of the users to be used as a predicate when searching for audit records. Default is to use all users
entity	0	unbounded	String, list of identifiers of the entities that generated the audit records
startTime	0	1	DateTime, audit record start time
endTime	0	1	DateTime, audit record end time
eventType	1	1	String
serviceName	1	1	String
userName	1	1	String
activity	1	1	String
predicate	1	1	String
limit	1	1	Unsigned integer

AuditTemplateInfo

Root element of audit policy templates.

Table 1–3 AuditTemplateInfo Elements

Element Name	Min.	Max.	Description
createdOn	1	1	DateTime
name	1	1	String
description	1	1	String
event	1	unbounded	String

Category Templates

With category templates, you may perform the following tasks:

- Create categories with the `beectl add_category` command
- Delete categories with the `beectl delete_category` command
- Apply them to objects in a workspace with the `beectl add_category_application` command
- Remove them from objects in a workspace with the `beectl delete_category_application` command

The following example creates a subcategory named `My subcategory` that has two attributes.

Example 1–1 Category Template Example

```
<CategoryDefinition xmlns="http://xmlns.oracle.com/bee hive/category">
  <name>My subcategory</name>
  <description>My subcategory description</description>
  <abstract>F</abstract>
  <parentCEN>
    <enterpriseId>521D</enterpriseId>
  </parentCEN>
</CategoryDefinition>
```

```

    <siteId>7D48</siteId>
    <objectType>catg</objectType>
    <eid>395E4535BD17BB82E040578CB50964750000000007F3</eid>
  </parentCEN>
  <attributes>
    <attribute>
      <name>First attribute</name>
      <description>Description of first attribute</description>
      <propertyType>String</propertyType>
      <searchable>T</searchable>
      <defaultValue>Hello</defaultValue>
    </attribute>
    <attribute>
      <name>Second attribute</name>
      <description>Description of second attribute</description>
      <propertyType>String</propertyType>
      <searchable>T</searchable>
      <defaultValue>World!</defaultValue>
    </attribute>
  </attributes>
</CategoryDefinition>

```

Sample Category Templates

The directory `<Oracle home>/beehive/templates/workspaces` contains the following sample category templates:

- `add_category_template1.xml`
- `add_category_template2.xml`
- `add_subcategory_template.xml`

The `workspaces` directory also contains the file `category.xsd` that defines the structure of category templates.

CategoryDefinition

Root element of category templates.

Table 1-4 Elements of CategoryDefinition

Element Name	Min.	Max.	Description
categoryCEN	0	1	CEN (type)
name	1	1	String
description	0	1	String
ownerCEN	0	1	CEN (type)
parentCEN	0	1	CEN (type)
subcategoryCEN	0	unbounded	CEN (type)
visibility	0	1	Either a value of \forall (the category is visible) or \mathbb{N} (the category is not visible).
abstract	0	1	Boolean, either a value of \mathbb{T} (true) or \mathbb{F} (false)
creatorCEN	0	1	CEN (type)
modifiedByCEN	0	1	CEN (type)

Table 1–4 (Cont.) Elements of CategoryDefinition

Element Name	Min.	Max.	Description
defaultTemplate	0	1	CatTemplate (type)
attributes	0	1	Contains zero to any amount of elements named <code>attribute</code> of type AttributeDefinition (type)
deletedAttributes	0	1	Contains zero to any amount of elements named <code>cens</code> of type CEN (type) .

CEN (type)

Represents the collaboration entity name, which uniquely identifies an entity in the system.

Table 1–5 Elements of CEN (type)

Element Name	Min.	Max.	Description
enterpriseId	0	1	String
siteId	0	1	String
objectType	0	1	String
eid	0	1	String

CatTemplate (type)

Table 1–6 Elements of CatTemplate (type)

Element Name	Min.	Max.	Description
categoryTemplateCEN	0	1	CEN (type)
categoryCEN	1	1	CEN (type)
copyOnVersion	0	1	Boolean, either a value of T (true) or F (false)
mandatory	0	1	Boolean, either a value of T (true) or F (false)
finalInd	0	1	Boolean, either a value of T (true) or F (false)
isMissing	0	1	Boolean, either a value of T (true) or F (false)
attributeTemplates	0	1	Contains zero to any number of elements named <code>attributeTemplate</code> of type AttributeTemplate (type)
deletedAttrTemplates	0	1	Contains zero to any amount of elements named <code>cens</code> of type CEN (type) .

AttributeDefinition (type)

Table 1–7 Elements of AttributeDefinition (type)

Element Name	Min.	Max.	Description
attributeDefCEN	0	1	CEN (type)
name	1	1	String
description	0	1	String
propertyType	1	1	String, one of INTEGER, STRING, DATE, CHAR, BOOLEAN, FLOAT, DOUBLE, LONG, BYTE, TIME, RAW, or DATETIME
searchable	0	1	Boolean, either a value of T (true) or F (false)
minValue	0	1	String
minValueInc	0	1	Boolean, either a value of T (true) or F (false)
maxValue	0	1	String
maxValueInc	0	1	Boolean, either a value of T (true) or F (false)
allowedValues	0	1	Contains zero to any number of elements named <code>allowedVal</code> of string type.
defaultValue	0	1	String

```

<attribute>
  <name>tasktitle</name>
  <prompted>true</prompted>
  <required>false</required>
</attribute>

```

AttributeTemplate (type)

Table 1–8 Elements of AttributeTemplate (type)

Element Name	Min.	Max.	Description
attributeTempCEN	0	1	CEN (type)
attributeDef	1	1	AttributeDefinition (type)
mandatory	0	1	Boolean, either a value of T (true) or F (false)
prompted	1	1	Boolean, either a value of T (true) or F (false)
finalized	0	1	Boolean, either a value of T (true) or F (false)
forceDefault	0	1	Boolean, either a value of T (true) or F (false)
minValue	0	1	String
minValueInc	0	1	Boolean, either a value of T (true) or F (false)
maxValue	0	1	String

Table 1–8 (Cont.) Elements of AttributeTemplate (type)

Element Name	Min.	Max.	Description
maxValueInc	0	1	Boolean, either a value of T (true) or F (false)
allowedValues	0	1	Contains zero to any number of elements named <code>allowedVal</code> of string type.
defaultValue			String

Group Templates

Use group templates to create or modify groups.

The following example modifies a static group. In this example, the following changes are made:

- Two users are added to the group
- An external contact is added to the group (using its CollabID in an `<agent>` element)
- An existing group `MySubGroup` is added as a member of this group
- An e-mail address `MyGroup@example.com` is set for this group
- An IM address `MyGroup@example.com` is removed from this group
- A custom property `My_Custom_Property` is added to the group
- A custom property `Another_Custom_Property` is removed from the group

Example 1–2 Static Group Creation With Users

```
<?xml version="1.0" encoding="utf-8"?>
<groups>
  <group type="grup">
    <name>beehive_test_group</name>
    <description>My first static group</description>
    <scope>
      <cen>enpr=MyEnterprise</cen>
    </scope>
    <guid/>
    <query/>
    <members>
      <add>
        <actor>
          <item>
            <cen>user=user1</cen>
          </item>
          <item>
            <cen>user=user2</cen>
          </item>
        </actor>
        <agent>
          <item>
            <cen>2ACE:6047:extp:3AC0E3FA73872328E040578C939A44FF0000000F4496</cen>
          </item>
        </agent>
        <subgroup>
          <item>
```

```

        <cen>grup=MySubGroup,enpr=MyEnterprise</cen>
    </item>
</subgroup>
<principal/>
</add>
</members>
<addresses>
  <add>
    <item>
      <address>mailto:MyGroup@example.com</address>
      <addresstype>NONE</addresstype>
    </item>
  </add>
  <remove>
    <item>
      <address>im:MyGroup@example.com</address>
      <addresstype>NONE</addresstype>
    </item>
  </remove>
</addresses>
<properties>
  <add>
    <item>
      <name>My_Custom_Property</name>
      <value>>true</value>
      <description>xxx</description>
    </item>
  </add>
  <remove>
    <item>
      <name>Another_Custom_Property</name>
    </item>
  </remove>
</properties>
</group>
</groups>

```

groups

Table 1–9 Elements of groups

Element Name	Min.	Max.	Description
group	1	unbounded	

Table 1–10 Attributes of groups

Attribute Name	Description
directoryid	String

group

Table 1–11 Elements of group

Element Name	Min.	Max.	Description
name	0	1	String

Table 1–11 (Cont.) Elements of group

Element Name	Min.	Max.	Description
description	0	1	String
scope	0	1	Contains zero to any number of cen elements. The cen element contains a collabID (no other child elements).
ismembershipgroup	0	1	String
guid	0	1	String
query	0	1	
members	0	1	
addresses	0	1	
properties	0	1	
preferenceprofiles	0	1	
memberships	0	1	

Table 1–12 Attributes of group

Attribute Name	Description
cen	String, Identifier of the group, This is required if you are modifying the group.
type	Required attribute, enumerated type, one of the following: <ul style="list-style-type: none"> ▪ grup ▪ dgrp

query

Table 1–13 Elements of query

Element Name	Min.	Max.	Description
operator	0	1	

operator

Table 1–14 Elements of operator

Element Name	Min.	Max.	Description
operator	0	1	
operator	0	1	
predicate	0	1	
predicate	0	1	

Table 1–15 Attributes of operator

Attribute Name	Description
type	Required attribute, enumerated value, one of NONE, AND, or OR

predicate**Table 1–16** *Elements of predicate*

Element Name	Min.	Max.	Description
attribute	1	1	
address	1	1	
property	1	1	

attribute**Table 1–17** *Elements of attribute*

Element Name	Min.	Max.	Description
name	1	1	Enumerated value, one of the following: <ul style="list-style-type: none"> ▪ BUSINESS_1 ▪ BUSINESS_2 ▪ BUSINESS_3 ▪ BUSINESS_4 ▪ BUSINESS_5 ▪ OTHER_1 ▪ OTHER_2 ▪ OTHER_3 ▪ OTHER_4 ▪ OTHER_5 ▪ PERSONAL_1 ▪ PERSONAL_2 ▪ PERSONAL_3 ▪ PERSONAL_4 ▪ PERSONAL_5
value	1	1	String

address**Table 1–18** *Elements of address*

Element Name	Min.	Max.	Description
uri	1	1	anyURI
type	1	1	Enumerated value, one of the following: <ul style="list-style-type: none"> ▪ ASSISTANT ▪ BUSINESS ▪ NONE ▪ PERSONAL ▪ SPOUSE

property**Table 1–19 Elements of property**

Element Name	Min.	Max.	Description
name	1	1	
value	1	1	attribute predicate value (type)

members**Table 1–20 Elements of members**

Element Name	Min.	Max.	Description
add	0	1	operation (type)
remove	0	1	operation (type)
removeincluded	0	1	
removeexcluded	0	1	

operation (type)**Table 1–21 Elements of operation (type)**

Element Name	Min.	Max.	Description
actor	0	1	Contains zero to any number of item elements
agent	0	1	Contains zero to any number of item elements
subgroup	0	1	Contains zero to any number of item elements
principal	0	1	Contains zero to any number of item elements

Table 1–22 Attributes of operation (type)

Attribute Name	Description
type	Enumerated type, either NONE, AND, or OR.

removeincluded**Table 1–23 Elements of removeincluded**

Element Name	Min.	Max.	Description
actor	0	1	Contains zero to any number of item elements
agent	0	1	Contains zero to any number of item elements
subgroup	0	1	Contains zero to any number of item elements
principal	0	1	Contains zero to any number of item elements

removeexcluded**Table 1–24 Elements of removeexcluded**

Element Name	Min.	Max.	Description
actor	0	1	Contains zero to any number of item elements

addresses

Table 1–25 Elements of addresses

Element Name	Min.	Max.	Description
add	0	1	Contains zero to any number of item (child element of addresses) elements
remove	0	1	Contains zero to any number of item (child element of addresses) elements
defaultaddressbytype	0	1	Contains zero to any number of item (child element of addresses) elements
defaultaddressbyscheme	0	1	Contains zero to any number of item (child element of addresses) elements
primaryaddress	0	1	Contains zero to any number of item (child element of addresses) elements

item (child element of addresses)

Table 1–26 Elements of item (child element of addresses)

Element Name	Min.	Max.	Description
address	0	1	anyURI
addressType	0	1	Enumerated value, one of the following: <ul style="list-style-type: none"> ▪ ASSISTANT ▪ BUSINESS ▪ NONE ▪ PERSONAL ▪ SPOUSE

properties

Table 1–27 Elements of properties

Element Name	Min.	Max.	Description
add	0	1	Contains zero to any number of item (child element of properties) elements
remove	0	1	Contains zero to any number of item (child element of properties) elements

item (child element of properties)

Table 1–28 Elements of item (child element of properties)

Element Name	Min.	Max.	Description
name	0	1	String
value	0	1	String
description	0	1	String

preferenceprofiles

Table 1–29 Elements of preferenceprofiles

Element Name	Min.	Max.	Description
add	0	1	Contains zero to any number of item elements
remove	0	1	Contains zero to any number of item elements
active	0	1	Contains zero to any number of item elements

memberships

Table 1–30 Elements of memberships

Element Name	Min.	Max.	Description
add	0	1	Contains zero to any number of item elements
remove	0	1	Contains zero to any number of item elements

item

Table 1–31 Elements of item

Element Name	Min.	Max.	Description
cen	0	1	String

Policy Definitions

A policy definition defines a set of rules containing conditions and an action to perform if those conditions are satisfied.

The following is a policy definition that validates user passwords. It checks if the user's password matches one of the following criteria:

- Less than 8 characters long
- Greater than 128 characters long
- Contains the user name as a substring
- Does not contain both upper and lower case characters
- Matches a password previously used by the user

If any of these criteria are true, then the password is rejected.

Example 1–3 Password Policy

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<PolicyInfo isExtensible="true">
  <policy>plcy=PasswordPolicy,enpr=Acme</policy>
  <scope>enpr=Acme</scope>
  <template></template>
  <name>PasswordPolicy</name>
  <description>Password policy desc</description>
  <RuleInfos>
    <RuleInfo priority="1">
      <name>Password Auth PLSQL Rule</name>
      <description>Password Auth rule description</description>
      <eventName>ON_AUTH_USER_PASSWD_MODIFICATION</eventName>
```

```

<ruleId>
  2ACE:6047:rule:3AC0E3FA73872328E040578C939A44FF0000000F4496
</ruleId>
<toRemove>>false</toRemove>
<templateRuleId/>
<ConditionInfo>
  <DisjunctionInfo>
    <LeftBooleanExpression>
      <DisjunctionInfo>
        <LeftBooleanExpression>
          <DisjunctionInfo>
            <LeftBooleanExpression>
              <DisjunctionInfo>
                <LeftBooleanExpression>
                  <DisjunctionInfo>
                    <LeftBooleanExpression>
                      <Simple>
                        <!-- This expression checks if the user's password
                           is less than 8 characters long -->
                        <leftSide>
                          <!-- Returns the length of the string -->
                          LENGTH(
                            CUSTOM_ATTRIBUTES.USER_PASSWD)
                        </leftSide>
                        <operator>&lt;</operator>
                        <rightSide>8</rightSide>
                      </Simple>
                    </LeftBooleanExpression>
                  <RightBooleanExpression>
                    <Simple>
                      <!-- This expression checks if the user's password
                         is greater than 128 characters long -->
                      <leftSide>
                        LENGTH(
                          CUSTOM_ATTRIBUTES.USER_PASSWD)
                      </leftSide>
                      <operator>></operator>
                      <rightSide>128</rightSide>
                    </Simple>
                  </RightBooleanExpression>
                </DisjunctionInfo>
              </LeftBooleanExpression>
            <RightBooleanExpression>
              <Simple>
                <!-- This expression checks if the user's password
                   contains both alphabetic and numeric
                   characters -->
                <leftSide>
                  AUTH_POLICY_FUNC_PKG.
                  VERIFY_ALPHANUM(
                    CUSTOM_ATTRIBUTES.USER_PASSWD)
                </leftSide>
                <operator>=</operator>
                <rightSide>0</rightSide>
              </Simple>
            </RightBooleanExpression>
          </DisjunctionInfo>
        </LeftBooleanExpression>
      <RightBooleanExpression>
        <Simple>

```

```

        <!-- This expression checks if the user name is contained
             in the password -->
        <leftSide>
            AUTH_POLICY_FUNC_PKG.CONTAINS_USERNAME(
                CUSTOM_ATTRIBUTES.USER_NAME,
                CUSTOM_ATTRIBUTES.USER_PASSWD)
        </leftSide>
        <operator>=</operator>
        <rightSide>0</rightSide>
    </Simple>
</RightBooleanExpression>
</DisjunctionInfo>
</LeftBooleanExpression>
<RightBooleanExpression>
    <Simple>
        <!-- This expression checks if the password contains both
             upper and lower case characters -->
        <leftSide>
            AUTH_POLICY_FUNC_PKG.VERIFY_CASE(
                CUSTOM_ATTRIBUTES.USER_PASSWD)
        </leftSide>
        <operator>=</operator>
        <rightSide>0</rightSide>
    </Simple>
</RightBooleanExpression>
</DisjunctionInfo>
</LeftBooleanExpression>
<RightBooleanExpression>
    <Simple>
        <leftSide>
            <!-- This expression checks if the password matches a password
                 previously used by the user -->
            AUTH_POLICY_FUNC_PKG.IN_HISTORY(
                CUSTOM_ATTRIBUTES.USER_NAME,
                CUSTOM_ATTRIBUTES.ENCRYPTED_PASSWD)
        </leftSide>
        <operator>=</operator>
        <rightSide>0</rightSide>
    </Simple>
</RightBooleanExpression>
</DisjunctionInfo>
</ConditionInfo>
<ActionInfo>
    <name>Password modification action</name>
</ActionInfo>
<ActionPreferenceInfos/>
</RuleInfo>
</RuleInfos>
</PolicyInfo>

```

Sample Policy Definitions

The directory `<Oracle home>/beehive/templates/policy` contains the following sample policy definitions:

- `AddPolicyTest_conjunction.xml`
- `AddPolicyTest_disjunction.xml`
- `AddPolicyTest_simple.xml`

- `ModifyPolicyTest.xml`

The policy directory also contains XSD files that define the structure of policy definitions.

PolicyInfo

Root element of policy definitions.

Table 1–32 Elements of PolicyInfo

Element Name	Min.	Max.	Description
collabId	0	1	String
scope	0	1	String. The identifier of a scope (enterprise, organization, or workspace).
templateId	0	1	String
policy	0	1	String
scope	0	1	String
template	0	1	String
name	1	1	String
description	1	1	String
attributes	1	unbounded	
RuleInfos	1	1	Contains at least one to any number of RuleInfo elements
ActionPreferenceInfos	1	1	Contains at least one to any number of ActionPreferenceInfo elements. These are key/value pairs that are sent to the action
isExtensible	1	1	Boolean

attributes

Table 1–33 Elements of attributes

Element Name	Min.	Max.	Description
attributeDefId	1	1	String
name	1	1	String
value	1	1	String

RuleInfo

Contains one or more conditions defined by the ConditionInfo element. These conditions are evaluated as true or false. Depending on the results of these conditions, the rule may activate an action. The ActionInfo element defines these actions.

Table 1–34 Elements of RuleInfo

Element Name	Min.	Max.	Description
name	1	1	String
description	1	1	String

Table 1–34 (Cont.) Elements of RuleInfo

Element Name	Min.	Max.	Description
eventTypeName	1	1	String, name of an Oracle Beehive event
ruleId	1	1	String
toRemove	1	1	Boolean, if true, the rule specified by ruleId will be removed from the policy
templateRuleId	1	1	String
ConditionInfo	1	1	Defines the conditions that must be true in order to activate the actions(s) specifies in ActionInfo
ActionInfo	1	unbounded	Defines the action(s) this rule will activate.

Table 1–35 Attributes of RuleInfo

Attribute Name	Description
priority	Integer, specifies the order in which rules are evaluated. A rule with a lower priority will be evaluated before one with a higher priority.

ConditionInfo

Contains logical expressions.

The ConditionInfo element may contain either one ConjunctionInfo element or one DisjunctionInfo element.

Table 1–36 Elements of ConditionInfo

Element Name	Min.	Max.	Description
ConjunctionInfo	0	1	logical expression (type) , evaluates to true if both of its boolean expressions evaluate to true. This is like a logical AND operator.
DisjunctionInfo	1	1	logical expression (type) , evaluates to true if one or both of its boolean expressions evaluate to true. This is like the logical OR operator.
Simple	0	1	Simple

logical expression (type)

Represents the elements ConjunctionInfo and DisjunctionInfo. Contains two boolean expressions.

Table 1–37 Elements of logical expression (type)

Element Name	Min.	Max.	Description
LeftBooleanExpression	1	1	boolean expression (type)
RightBooleanExpression	1	1	boolean expression (type)

boolean expression (type)

Represents the elements LeftBoooleanExpression and RightBoooleanExpression.

May contain only one of the elements listed in the following table. The `ConjunctionInfo` and `DisjunctionInfo` elements allow you to nest boolean expressions.

Table 1–38 Elements of boolean expression (type)

Element Name	Min.	Max.	Description
<code>ConjunctionInfo</code>	0	1	logical expression (type)
<code>DisjunctionInfo</code>	0	1	logical expression (type)
Simple	0	1	

Simple

Defines a boolean expression that consists of two operands (the `leftSide` and `rightSide` elements) and an operator (the element `operator`).

Table 1–39 Elements of Simple

Element Name	Min.	Max.	Description
<code>leftSide</code>	1	1	String
<code>operator</code>	1	1	One of the following operators: <ul style="list-style-type: none"> ▪ = (equals) ▪ != (not equal) ▪ &lt;t; (less than) ▪ > (greater than) ▪ &lt;t;= (less than or equal to) ▪ >= (greater than or equal to)
<code>rightSide</code>	1	1	String

ActionInfo

Specifies the action to be performed if the expressions in `ConditionInfo` evaluate to true. The command `beectl list_actions` lists all available actions.

Table 1–40 Elements of ActionInfo

Element Name	Min.	Max.	Description
<code>name</code>	1	1	Name of the action to be performed if the expressions in <code>ConditionInfo</code> evaluate to true.

ActionPreferenceInfo

Table 1–41 Elements of ActionPreferenceInfo

Element Name	Min.	Max.	Description
<code>key</code>	1	1	
<code>value</code>	1	1	String. If the value of <code>key</code> is <code>JXPATHS</code> , then this element contains one or more XPath. Refer to " Constructing JXPaths " for more information.

Constructing JXPaths

Each XPath has the following structure:

```
<method>#<method>#...@<XML element name>
```

For example, the following is the first XPath in this policy, which retrieves the identifier of the newly added document, then maps this value to the `<entityId>` element in the generated XML:

```
getCommonAttributes#getEntityId#toCollabId@entityId
```

To get the list of available attributes for a particular event, use the command `beectl list_events --name <event name>`. For `<event name>`, use the value in the `<eventTypeName>` element in the policy.

For example, the following is a description of the `DOCUMENT_CREATED` event and its attributes:

beectl list_events --name DOCUMENT_CREATED

Event Name: DOCUMENT_CREATED

Event Description: Raised when a new document is created in a heterogeneous folder. This event is also raised when an existing document is copied to a new heterogeneous folder.

Is Synchronous: N

Event Subscriptions:

Name: HelloWorldDocCreated

Event Subscription Id: 26C9:2946:evts:37275AA4FF80934DE040578C201A154B0000000493F5

Is PLSQL Action: N

Event Attributes:

Name: COMMON_ATTRIBUTES	Type: OCS_CODE.ECA_COMMON_EVENT_ATTRIBS_T
Name: ENTITY_ID	Type: OCS_CODE.OCS_COLLAB_ID_T
Name: CONTAINER	Type: OCS_CODE.OCS_COLLAB_ID_T
Name: ACTOR_ID	Type: OCS_CODE.OCS_COLLAB_ID_T
Name: OPERATION	Type: STRING
Name: STATUS	Type: STRING
Name: MESSAGE	Type: STRING
Name: EVENT_NAME	Type: STRING
Name: LOGON_RECORD_ID	Type: INTEGER
Name: EVENT_ID	Type: INTEGER
Name: CUSTOM_ATTRIBUTES	Type: OCS_CODE.WS_DOCUMENT_EVENT_ATTRIBS_T
Name: ARTIFACT_ATTRIBUTES	Type: OCS_CODE.AM_COMMON_EVENT_ATTRIBS_T
Name: SIZE_CHANGE	Type: INTEGER
Name: NEW_CONTAINER	Type: OCS_CODE.OCS_COLLAB_ID_T

To retrieve the value of an attribute, perform the following steps to the attribute's name:

1. Convert the attribute name to lower case
2. Capitalize the first letter of the attribute name. and the letter after each underscore
3. Remove all underscores
4. Append `get` to the beginning of the name

Attributes are stored in a tree structure. For example, to retrieve the value of `ENTITY_ID`, you will have to retrieve `COMMON_ATTRIBUTES` first.

You may use the following methods in your XPath:

- `toCollabID`: Retrieves the identifier of the specified entity

- `ASENTITY`: Converts the identifier back into an entity so that you can retrieve other attributes and entities from it, such as its name with `getName`.
- `iterator`: Use this with `next` to retrieve all entities in a list.

Dynamic Policy Attributes

Dynamic policy attributes represent the most commonly used Oracle Beehive event attributes. Use dynamic policy attributes instead of the equivalent XPath when possible.

The following is a list of available dynamic policy attributes:

- `ACTOR_NAME`
- `CONTAINER_NAME`
- `ENTITY_CREATED_BY_COLLABID`
- `ENTITY_CREATED_BY_NAME`
- `ENTITY_CREATED_ON`
- `ENTITY_MODIFIED_BY_COLLABID`
- `ENTITY_MODIFIED_BY_NAME`
- `ENTITY_MODIFIED_ON`
- `ENTITY_NAME`
- `ENTITY_OWNER_NAME`
- `LOGIN_ID`

Bulk User Provisioning XML Files

You can most easily create and manage individual user accounts in Oracle Beehive by using the Oracle Beekeeper administrator interface. However, when you need to create a large number of user accounts at once, the most efficient method is by creating and uploading a bulk user provisioning XML file.

Caution: Do not create user accounts directly in Oracle Beehive if you are using an LDAP-based external directory synchronization. In that scenario, all user account creation and management should be performed using the external directory.

See Also: For complete instructions on managing and provisioning user accounts, see Chapter 3, "Managing and Provisioning Oracle Beehive Users," in the *Oracle Beehive Administrator's Guide*.

Example Bulk User Provisioning XML File

This is an example XML-formatted file for bulk user provisioning. This particular example contains three users. Refer to the XSD file for a complete definition. The XSD may be found at `$ORACLE_HOME/beekeeper/templates/uds/user.xsd`

Note:

- You must change the identifiers used in all <scope> and <membership> elements to match those of your enterprise or organization
- Values for password elements must meet the default password policy requirements
- If you include a password element for a given principal, you must order the elements as shown in the first user in the example: first the <name> element, then the <password> element, then the <type> element
- In the XML file, specify all extended enterprise users first, and then enterprise users

Example 1–4 Bulk User Provisioning XML File

```

<?xml version = '1.0' encoding = 'UTF-8'?>
<users xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <user>
    <scope>
      <cen>enpr=MyEnterprise</cen>
    </scope>
    <user_type>EXTENDED_ENTERPRISE_USER</user_type>
    <familyname>Holmes</familyname>
    <givenname>Robert</givenname>
    <name>Robert</name>
    <principals>
      <add>
        <principal>
          <name>+16505551234</name>
          <password>8675309</password>
          <type>VOICE</type>
        </principal>
      </add>
      <add>
        <principal>
          <name>rholmes</name>
          <password>password</password>
          <type>PRIMARY</type>
        </principal>
      </add>
    </principals>
    <addresses>
      <add>
        <item>
          <address>TEL:+16505551234</address>
          <addresstype>BUSINESS_1</addresstype>
        </item>
      </add>
      <add>
        <item>
          <address>IM:rholmes@example.com</address>
          <addresstype>BUSINESS_1</addresstype>
        </item>
      </add>
      <add>
        <item>

```

```
        <address>MAILTO:rholmes@example.com</address>
        <addresstype>BUSINESS_1</addresstype>
    </item>
</add>
<add>
    <item>
        <address>TEL:+16505551444</address>
        <addresstype>PERSONAL_1</addresstype>
    </item>
</add>
</addresses>
</user>
<user>
    <scope>
        <cen>enpr=MyEnterprise</cen>
    </scope>
    <memberships>
        <add>
            <item>
                <cen>orgn=Accounting, enpr=MyEnterprise</cen>
            </item>
        </add>
    </memberships>
    <user_type>ENTERPRISE_USER</user_type>
    <familyname>Langdown</familyname>
    <givenname>Mary</givenname>
    <name>Mary</name>
    <principals>
        <add>
            <principal>
                <name>+15145554321</name>
                <type>VOICE</type>
            </principal>
        </add>
        <add>
            <principal>
                <name>mary.langdown</name>
                <type>PRIMARY</type>
            </principal>
        </add>
    </principals>
    <addresses>
        <add>
            <item>
                <address>TEL:+15145554321</address>
                <addresstype>BUSINESS_1</addresstype>
            </item>
        </add>
        <add>
            <item>
                <address>IM:mary.langdown@example.com</address>
                <addresstype>BUSINESS1</addresstype>
            </item>
        </add>
        <add>
            <item>
                <address>MAILTO:mary.langdown@example.com</address>
                <addresstype>BUSINESS_1</addresstype>
            </item>
        </add>
    </addresses>
</user>
```

```

    <add>
      <item>
        <address>TEL:+16505559876</address>
        <addresstype>PERSONAL_1</addresstype>
      </item>
    </add>
  </addresses>
</user>
<user>
  <scope>
    <cen>enpr=MyEnterprise</cen>
  </scope>
  <memberships>
    <add>
      <item>
        <cen>orgn=Accounting, enpr=MyEnterprise</cen>
      </item>
    </add>
  </memberships>
  <user_type>ENTERPRISE_USER</user_type>
  <familyname>Tran</familyname>
  <givenname>Thanh</givenname>
  <name>mark</name>
  <principals>
    <add>
      <principal>
        <name>+16505556300</name>
        <type>VOICE</type>
      </principal>
    </add>
    <add>
      <principal>
        <name>thanh.tran</name>
        <password>Password2</password>
        <type>PRIMARY</type>
      </principal>
    </add>
  </principals>
  <addresses>
    <add>
      <item>
        <address>TEL:+16505556300</address>
        <addresstype>BUSINESS_1</addresstype>
      </item>
    </add>
    <add>
      <item>
        <address>IM:thanh.tran@example.com</address>
        <addresstype>BUSINESS1</addresstype>
      </item>
    </add>
    <add>
      <item>
        <address>MAILTO:thanh.tran@example.com</address>
        <addresstype>BUSINESS_1</addresstype>
      </item>
    </add>
    <add>
      <item>
        <address>TEL:+16505551454</address>

```

```

        <addresstype>PERSONAL_1</addresstype>
      </item>
    </add>
  </addresses>
</user>
</users>

```

users

Table 1–42 Elements of users

Element Name	Min.	Max.	Description
user	1	unbounded	user

user

Table 1–43 Elements of user

Element Name	Min.	Max.	Description
userDN	0	1	String
uid	0	1	String
locale	0	1	String
department	0	1	String
officelocation	0	1	String
profession	0	1	String
company	0	1	String
suffix	0	1	String
prefix	0	1	String
directory_id	0	1	String
directory_locator	0	1	String
givenname	0	1	String
familyname	0	1	String
middlename	0	1	String
name	0	1	String
jobtitle	0	1	String
manager	0	1	String
assistant	0	1	String
timezone	0	1	String
addresses	0	1	addresstype
properties	0	1	propertiess
memberships	0	1	membershipstype
principals	0	1	principalstype
scope	1	1	scopetype
user_type	0	1	String

principalstypetype

Table 1–44 Elements of principalstypetype

Element Name	Min.	Max.	Description
add	0	1	principalstypetype
remove	0	1	principalstypetype

principaltype

Table 1–45 Elements of principaltype

Element Name	Min.	Max.	Description
principal	0	unbounded	principaldefinition

principaldefinition

Table 1–46 Elements of principaldefinition

Element Name	Min.	Max.	Description
name	1	1	String
password	0	1	String
type	1	1	String, one of PRIMARY, PROTOCOL, or VOICE.

addresstypetype

Table 1–47 Elements of addresstypetype

Element Name	Min.	Max.	Description
add	0	unbounded	addresstypetype
remove	0	unbounded	addresstypetype
defaultaddresstypetype	0	unbounded	addresstypetype
defaultaddressbyscheme	0	unbounded	addresstypetype

addresstype

Table 1–48 Elements of addresstype

Element Name	Min.	Max.	Description
item	1	unbounded	addressitemtype

addressitemtype

Table 1–49 Elements of addressitemtype

Element Name	Min.	Max.	Description
address	0	1	String
addresstypetype	0	1	String (length at least 1)

propertytype

Table 1–50 Elements of propertytype

Element Name	Min.	Max.	Description
add	0	1	propertytype
remove	0	1	propertytype

propertytype

Table 1–51 Elements of propertytype

Element Name	Min.	Max.	Description
item	1	unbounded	propertyitemtype

propertyitemtype

Table 1–52 Elements of propertyitemtype

Element Name	Min.	Max.	Description
name	0	1	String
value	0	1	String
description	0	1	String

membershiptype

Table 1–53 Elements of membershiptype

Element Name	Min.	Max.	Description
add	1	1	String
remove	1	1	String

membershiptype

Table 1–54 Elements of membershiptype

Element Name	Min.	Max.	Description
item	1	1	identifyabletype

identifyabletype

Table 1–55 Elements of identifyabletype

Element Name	Min.	Max.	Description
cen	1	1	String

scopetype

Table 1–56 Elements of scopetype

Element Name	Min.	Max.	Description
cen	1	1	String

Workspace Templates

Workspace templates populate new workspaces with a specified folder hierarchy and set up workspace properties. Oracle Beehive comes with four workspace templates:

- Basic Personal Workspace Template
- Basic Team Workspace Template
- Community of Practice Workspace Template
- Project Workspace Template

The following is a basic team workspace template:

Example 1–5 Basic Team Workspace Template

```
<teamWorkspaceTemplate
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://xmlns.oracle.com/beehive/transportabletemplate"
  xsi:schemaLocation="http://xmlns.oracle.com/beehive/transportabletemplate
    http://xmlns.oracle.com/beehive/transportabletemplate.xsd">

  <templateAttributes>
    <author>Oracle</author>
    <authorCreationTime>2004-08-12</authorCreationTime>
    <contactInfo>Oracle Corporation</contactInfo>
    <copyrightInfo>
      Copyright (c) 2007 Oracle Corporation. All rights reserved.
    </copyrightInfo>
    <description>Basic team workspace template</description>
    <name>Basic Team Workspace Template</name>
    <templateId>oracle.com.basic-team-workspace-template</templateId>
    <domain>general</domain>
  </templateAttributes>

  <body>
    <publicSensitivityTemplateBodyId>
      public_sensitivity
    </publicSensitivityTemplateBodyId>
    <defaultSensitivityTemplateBodyId>
      default_sensitivity
    </defaultSensitivityTemplateBodyId>

    <attributes>
      <name prompt="true">teamWorkspace</name>
      <description>workspace for managing team information</description>
      <participationMode>INVITE_ONLY</participationMode>
    </attributes>

    <sensitivity id="default_sensitivity">
      <name>Normal</name>
      <description>normal sensitivity</description>
      <sensitivityOnly>false</sensitivityOnly>
  </body>
</teamWorkspaceTemplate>
```

```
<delegatable>true</delegatable>
<ace>
  <grantAccessType>DISCOVER</grantAccessType>
  <accessor type="GROUP">
    <systemDefinedGroupName>
      ALL_USERS
    </systemDefinedGroupName>
  </accessor>
</ace>
</sensitivity>

<sensitivity id="public_sensitivity">
  <name>Public</name>
  <description>public sensitivity</description>
  <sensitivityOnly>false</sensitivityOnly>
  <delegatable>true</delegatable>
  <ace>
    <grantAccessType>DISCOVER</grantAccessType>
    <grantAccessType>READ</grantAccessType>
    <accessor type="GROUP">
      <systemDefinedGroupName>
        ALL_USERS
      </systemDefinedGroupName>
    </accessor>
  </ace>
</sensitivity>

<defaultAnnouncementsForum id="default_ann_forum">
  <name>Announcements</name>
  <description>forum for workspace announcements</description>
</defaultAnnouncementsForum>

<defaultAddressBook id="default_address_book">
  <name>Contacts</name>
  <description>team address book</description>
</defaultAddressBook>

<defaultCalendar id="default_calendar">
  <name>Calendar</name>
  <description>team calendar</description>
</defaultCalendar>

<defaultInbox id="inbox_folder">
  <name>INBOX</name>
  <description>inbox for email messages</description>
</defaultEmailInbox>

<defaultTaskList id="default_task_list">
  <name>Tasks</name>
  <description>team tasks</description>
</defaultTaskList>

<entities>
  <folder id="documents_folder">
    <name>Documents</name>
    <description>folder for team documents</description>
  </folder>
</entities>

<summary>
```



```

<inlineSummary>
  <fileName>summary.html</fileName>
  <mediaType>text/html</mediaType>
  <body>
    &lt;title&gt; Workspace Summary for Members &lt;/title&gt;
    &lt;b&gt; ${sys.workspace.name} &lt;/b&gt;
    &lt;p&gt;The Workspace Coordinator should edit this text to share
    private information about this project with the team. For example,
    add a little text here describing the project goals, milestones and
    progress. &lt;/p&gt;
  </body>
</inlineSummary>
</summary>

<publicSummary>
  <inlineSummary>
    <fileName>publicSummary.html</fileName>
    <mediaType>text/html</mediaType>
    <body> &lt;title&gt; Workspace Public Summary &lt;/title&gt;
      &lt;b&gt; ${sys.workspace.name} &lt;/b&gt;
      &lt;p&gt; The Workspace Coordinator should edit this text to share
      public information about this project with others in your company.
      For example, add a little text here describing the project goals,
      milestones and progress. &lt;/p&gt;
    </body>
  </inlineSummary>
</publicSummary>

</body>

</teamWorkspaceTemplate>

```

The following is a basic personal workspace template

Example 1–6 Basic Personal Workspace Template

```

<personalWorkspaceTemplate
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://xmlns.oracle.com/beehive/transportabletemplate"
  xsi:schemaLocation="http://xmlns.oracle.com/beehive/transportabletemplate
  http://xmlns.oracle.com/beehive/transportabletemplate.xsd">

  <templateAttributes>
    <author>Oracle</author>
    <authorCreationTime>2004-08-12</authorCreationTime>
    <contactInfo>Oracle Corporation</contactInfo>
    <copyrightInfo>
      Copyright (c) 2007 Oracle Corporation. All rights reserved.
    </copyrightInfo>
    <description>Basic personal workspace template</description>
    <name>Basic Personal Workspace Template</name>
    <templateId>oracle.com.basic-personal-workspace-template</templateId>
    <domain>general</domain>

  </templateAttributes>

  <environment>

    <label>
      <name>Personal</name>

```

```
    <description>marker for personal items</description>
  </label>

  <label>
    <name>Business</name>
    <description>marker for business items</description>
  </label>

</environment>

<body>
  <publicSensitivityTemplateBodyId>
    public_sensitivity
  </publicSensitivityTemplateBodyId>
  <defaultSensitivityTemplateBodyId>
    default_sensitivity
  </defaultSensitivityTemplateBodyId>

  <attributes>
    <name prompt="true">personalWorkspace</name>
    <description>workspace for managing personal information</description>
  </attributes>

  <sensitivity>
    <name>Confidential</name>
    <description>confidential sensitivity</description>
    <sensitivityOnly>false</sensitivityOnly>
    <delegatable>true</delegatable>
    <ace>
      <grantAccessType>DISCOVER</grantAccessType>
      <accessor type="GROUP">
        <systemDefinedGroupName>
          ALL_USERS
        </systemDefinedGroupName>
      </accessor>
    </ace>
  </sensitivity>

  <sensitivity id="default_sensitivity">
    <name>Normal</name>
    <description>normal sensitivity</description>
    <sensitivityOnly>false</sensitivityOnly>
    <delegatable>true</delegatable>
    <ace>
      <grantAccessType>DISCOVER</grantAccessType>
      <accessor type="GROUP">
        <systemDefinedGroupName>ALL_USERS</systemDefinedGroupName>
      </accessor>
    </ace>
  </sensitivity>

  <sensitivity>
    <name>Private</name>
    <description>private sensitivity</description>
    <sensitivityOnly>true</sensitivityOnly>
    <delegatable>false</delegatable>
    <ace>
      <grantAccessType>DISCOVER</grantAccessType>
      <accessor type="GROUP">
        <systemDefinedGroupName>
```

```

        ALL_USERS
    </systemDefinedGroupName>
</accessor>
</ace>
</sensitivity>

<sensitivity id="public_sensitivity">
    <name>Public</name>
    <description>public sensitivity</description>
    <sensitivityOnly>>false</sensitivityOnly>
    <delegatable>>true</delegatable>
    <ace>
        <grantAccessType>DISCOVER</grantAccessType>
        <grantAccessType>READ</grantAccessType>
        <accessor type="GROUP">
            <systemDefinedGroupName>
                ALL_USERS
            </systemDefinedGroupName>
        </accessor>
    </ace>
</sensitivity>

<defaultAddressBook id="default_address_book">
    <name>Address Book</name>
    <description>contacts</description>
</defaultAddressBook>

<defaultEmailInbox id="inbox_folder">
    <name>INBOX</name>
    <description>inbox for email messages</description>
</defaultEmailInbox>

<defaultNotificationList id="default_notification_list">
    <name>Notifications</name>
    <description>folder for notification messages</description>
</defaultNotificationList>

<defaultSubscriptionList id="default_subscription_list">
    <name>Subscriptions</name>
    <description>folder for subscriptions</description>
</defaultSubscriptionList>

<entities>
    <folder id="documents_folder">
        <name>Documents</name>
        <description>folder for documents</description>
    </folder>
</entities>

<summary>
    <inlineSummary>
        <fileName>summary.html</fileName>
        <mediaType>text/html</mediaType>
        <body>
            &lt;title&gt;Personal Summary&lt;/title&gt;
            &lt;b&gt; Your Name Here &lt;/b&gt;
            &lt;p&gt; Edit this text to share information about yourself that you
                want others in your company to see. For example, you can place a little
                text here describing your current job role and projects that you are

```

```
        working on. &lt;/p&gt;
        &lt;p&gt; NOTE: You must apply Public sensitivity to this document in
        order for it to be viewed by other members of your company. &lt;/p&gt;
    </body>
</inlineSummary>
</summary>

</body>

</personalWorkspaceTemplate>
```

Template Variables

You may specify parametric information with two kinds of template variables: system defined and user defined.

System Defined Template Variable

Oracle Beehive Release 1 supports the following system defined template variables:

- `sys.workspace.name`: Value of the name element in the [templateAttributes](#) element
- `sys.workspace.description`: Value of the description element in the [templateAttributes](#) element
- `sys.workspace.owner.collabid`: The CEN of the workspace owner

User Defined Template Variable

Use the `templateVariable` element to define your own variables. The following is an example of how to define a user defined template variable:

```
<templateVariable>
  <name>default-announcement-body</name>
  <description>Welcome new workspace memeber!</description>
</templateVariable>
```

The following is an example of how to use a system defined template variable (`sys.workspace.name`) and a user defined template variable (`default-announcement-body`):

```
<announcement>
  <subject>Welcome to workspace ${sys.workspace.name}</subject>
  <messageBody>
    <mediaType>text/plain</mediaType>
    <body>${default-announcement-body}</body>
  </messageBody>
</announcement>
```

Expressions

Expressions allow you to create variables that have references to other template variables and perform arithmetic operations on them. Two types of expressions are available: arithmetic expressions and temporal expressions.

Arithmetic Expressions

An arithmetic expression consists of two operands and an arithmetic operator. The operands may be a template variable, a constant, or another arithmetic expression. The operator may be plus, minus, or product.

Temporal Expressions

A temporal expression evaluates to a specific time or instant. It consists of a template variable, an operator, and an offset:

- The template variable refers to a specific time or instant.
- The operator may be either plus or minus.
- The offset is a constant or an arithmetic expression that specifies a duration of time to add or subtract (depending on the operator) from the template variable. It supports the time units hour, minute, second, or millisecond. The default time unit is millisecond.

The following is an example of a temporal expression that sets the due time of a task named One Day Later:

```
<templateVariable>
  <name>task_reference_start_time_variable</name>
</templateVariable>

<todo>

  <name>One Day Later</name>
  ...
  <dueTime>
    <temporalExpression>
      <templateVariableRef>
        ${task_reference_start_time_variable}
      </templateVariableRef>
      <operator>PLUS</operator>
      <offset timeUnit="HOUR">24</offset>
    </temporalExpression>
  </dueTime>
  ...
</todo>
```

The following is an example of a temporal expression that sets the start time of a task named End of Vacation:

```
<templateVariable>
  <name>beginning_of_vacation</name>
</templateVariable>

<templateVariable>
  <name>vacation_days</name>
</templateVariable>
...
<todo>
  <name>End of Vacation</name>
  ...
  <startTime>
    <temporalExpression>
      <templateVariableRef>${total_vacation_hours}</templateVariableRef>
      <operator>PLUS</operator>
      <offset timeUnit="HOUR">
        <expression>
          <leftOperand>
            <value>${vacation_days}</value>
          </leftOperand>
          <operator>PRODUCT</operator>
          <rightOperand>
            <value>24</value>
          </rightOperand>
        </expression>
      </offset>
    </temporalExpression>
  </startTime>
</todo>
```

```

        </rightOperand>
    </expression>
</offset>
</temporalExpression>
</startTime>
    ...
</todo>

```

Sample Workspace Templates

The directory `<Oracle home>/beehive/templates/workspaces` contains the following sample workspace templates:

- `add_category_template1.xml`: Adds a category at the root level with no attributes
- `add_category_template2.xml`: Creates a category with attributes
- `add_subcategory_template.xml`: Creates a subcategory

The `workspaces` directory also contains the XSD file `category.xsd` that defines the structure of workspace templates.

ace

Access Control Entity, grants or restricts the access type specified by the `grantAccessType` and `denyAccessType` elements, respectively.

Table 1–57 Elements of ace

Element Name	Min.	Max.	Description
<code>grantAccessType</code>	1	1	Enumerated type, grants one of the following access types: <ul style="list-style-type: none"> ■ <code>READ</code>: Permission to open or read the object ■ <code>WRITE</code>: Permission to add, alter, or make changes to the object. Note that version control preserves previous versions, so <code>WRITE</code> access does not itself provide <code>DELETE</code> access. ■ <code>DELETE</code>: Permission to delete the object ■ <code>EXECUTE</code>: Permission to invoke or assign the object or cause it to perform its function ■ <code>DISCOVER</code>: Permission to see the object in lists, look it up in directories, find it in searches, and so forth. When <code>DISCOVER</code> privileges are revoked, a user cannot detect the existence of that object using any Oracle Beehive client process
<code>denyAccessType</code>	1	1	Same as <code>grantAccessType</code> , except denies one of the five access types
<code>accessor</code>	0	unbounded	

accessor

Specifies for whom the ACE applies (such as a user, or members of a specified group).

One, and only one, of the elements in the following table must appear:

Table 1–58 Elements of accessor

Element Name	Min.	Max.	Description
systemDefinedGroupName	0	1	Enumerated type, ALL_USERS
cen	0	1	String, reference to an existing accessor
subgroupTemplateBodyId	0	1	IDREF, ID of a template defined in the template itself

Table 1–59 Attributes of accessor

Attribute Name	Description
type	Enumerated value, one of the following: <ul style="list-style-type: none"> ▪ GROUP ▪ USER

address

Table 1–60 Elements of address

Element Name	Min.	Max.	Description
uri	1	1	String
type	0	1	Enumerated value
defaultForScheme	0	1	Boolean
defaultForType	0	1	Boolean
primary	0	1	Boolean

type

Enumerated value, one of the following:

- BUSINESS_1
- BUSINESS_2
- BUSINESS_3
- BUSINESS_4
- BUSINESS_5
- OTHER_1
- OTHER_2
- OTHER_3
- OTHER_4
- OTHER_5
- PERSONAL_1
- PERSONAL_2
- PERSONAL_3

- PERSONAL_4
- PERSONAL_5

addressBook

Table 1–61 Elements of addressBook

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
personContact	0	unbounded	
subAddressBook	0	unbounded	addressBook
ace	0	unbounded	

personContact

Table 1–62 Elements of personContact

Element Name	Min.	Max.	Description
givenName	1	1	String
middleName	0	1	String
familyName	0	1	String
nickname	0	1	String
profession	0	1	String
company	0	1	String
peopleListEntry	0	1	Boolean
priority	0	1	
address	0	unbounded	
ace	0	unbounded	

attributes (body of personalWorkspace)

Table 1–63 Elements of attributes (body of personalWorkspace)

Element Name	Min.	Max.	Description
name	1	1	Promptable Non-Empty String (type)
description	0	1	String

attributes (body of teamWorkspace)

In Oracle Beehive Release 1, you cannot specify workspace contact with workspace templates.

Table 1–64 Elements of attributes (body of teamWorkspace)

Element Name	Min.	Max.	Description
name	1	1	Promptable Non-Empty String (type)

Table 1–64 (Cont.) Elements of attributes (body of teamWorkspace)

Element Name	Min.	Max.	Description
description	0	1	String
publiclyListed	0	1	Boolean
participationMode			Enumerated value, either INVITE_ONLY or OPEN

body (personalWorkspaceTemplate)

Table 1–65 Elements of body (personalWorkspaceTemplate)

Element Name	Min.	Max.	Description
publicSensitivityTemplateBodyId	0	1	IDREF, ID of a public sensitivity template defined in the workspace template
defaultSensitivityTemplateBodyId	0	1	IDREF, ID of a sensitivity template defined in the workspace template
attributes	0	1	attributes (body of personalWorkspace)
sensitivity	0	unbounded	
defaultAddressBook	0	1	addressBook
defaultCalendar	0	1	calendar
defaultEmailInbox	0	1	folder
defaultNotificationList	0	1	folder
defaultTaskList	0	1	taskList
defaultSubscriptionList	0	1	folder
entities	0	1	
summary	0	1	
ace	0	unbounded	

body (teamWorkspaceTemplate)

Table 1–66 Elements of body (teamWorkspaceTemplate)

Element Name	Min.	Max.	Description
publicSensitivityTemplateBodyId	0	1	IDREF, ID of a public sensitivity template defined in the workspace template
defaultSensitivityTemplateBodyId	0	1	IDREF, ID of a sensitivity template defined in the workspace template
defaultRoleTemplateBodyId	0	1	IDREF
attributes	0	1	attributes (body of teamWorkspace)
address	0	unbounded	
role	0	unbounded	

Table 1–66 (Cont.) Elements of body (teamWorkspaceTemplate)

Element Name	Min.	Max.	Description
sensitivity	0	unbounded	
group	0	unbounded	
participant	0	unbounded	
defaultAnnouncementsForum	0	1	forum
defaultAddressBook	0	1	addressBook
defaultCalendar	0	1	calendar
defaultInbox	0	1	folder
defaultTaskList	0	1	taskList
entities	0	1	
summary	0	1	
publicSummary	0	1	summary
ace	0	unbounded	

calendar

In Oracle Beehive Release 1, you cannot specify time zone and available hours with workspace templates.

Table 1–67 Elements of calendar

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
defaultPriority	0	1	priority
inheritTimeZoneFromOwner	0	1	
allowDoubleBooking	0	unbounded	Boolean
includeInFreeBusy	0	1	Boolean
deriveAvailableHoursFromOwnerWorkingHours	0	1	Boolean
enrollmentType	0	1	Enumerated value, may be either PUBLIC or PRIVATE.
occurrence	0	unbounded	
occurrenceSeries	0	unbounded	
ace	0	unbounded	

occurrence

Table 1–68 Elements of occurrence

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
priority	0	1	

Table 1–68 (Cont.) Elements of occurrence

Element Name	Min.	Max.	Description
location	0	1	
startTime	0	unbounded	Boolean
endTime	0	1	Boolean
occurrenceType	0	1	Enumerated value, either DAY_EVENT, HOLIDAY, or MEETING
dialInInfo	0	1	String
organizer	0	1	accessor
participant	0	unbounded	accessor
ace	0	unbounded	

occurrenceSeries

In Oracle Beehive Release 1, you cannot specify time zone and available hours with workspace templates.

Table 1–69 Elements of occurrenceSeries

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
priority	0	1	
location	0	1	
occurrenceType	0	unbounded	Enumerated value, either DAY_EVENT, HOLIDAY, or MEETING
dialInInfo	0	1	String
updateMode	0	1	Enumerated value, one of the following <ul style="list-style-type: none"> ■ SERIES_AND_ALL_OCCURRENCES ■ SERIES_AND_NON_DIRECTLY_MODIFIED_EXCEPTIONS ■ SERIES_ONLY
frequency	1	1	Contains one element with the following structure: <pre><enumeratedFrequency> <startEndTime> <startTime/> <endTime/> </startEndTime> </enumeratedFrequency></pre> <p>The enumeratedFrequency element must contain one to any number of startEndTime elements.</p> <p>The startEndTime element must contain one startTime and one endTime element.</p> <p>The elements startTime and endTime are of type Promptable Template Time (type).</p>

Table 1–69 (Cont.) Elements of occurrenceSeries

Element Name	Min.	Max.	Description
duration	1	1	Must have one of the following elements: <ul style="list-style-type: none"> ▪ templateVariableRef: String ▪ length: Integer May contain one of the following attributes: <ul style="list-style-type: none"> ▪ prompt: Boolean ▪ promptMessage: String
organizer	0	unbounded	accessor
participant	0	unbounded	accessor
ace	0	unbounded	

contentLocation

Table 1–70 Elements of contentLocation

Element Name	Min.	Max.	Description
contentID	1	1	String
location	1	1	String

entities

Table 1–71 Elements of entities

Element Name	Min.	Max.	Description
folder	0	unbounded	
calendar	0	unbounded	
taskList	0	unbounded	
forum	0	unbounded	
file	0	unbounded	

environment

Specifies entities that should be available in the ancestor scopes of the workspace. If no matching entity is available for any specified entity at the time of workspace creation, a new entity will be created in the parent scope, provided the current user has the required privileges.

Table 1–72 Elements of environment

Element Name	Min.	Max.	Description
label	0	unbounded	

label**Table 1–73 Elements of label**

Element Name	Min.	Max.	Description
name	1	1	String
description	1	1	String

expression**Table 1–74 Elements of expression**

Element Name	Min.	Max.	Description
leftOperand	1	1	Contains one element named value. The value element may be a constant (a numerical value), a template variable or another expression. Refer to " Template Variables ".
operator	1	1	PLUS, MINUS, or PRODUCT.
rightOperand	1	1	Contains one element named value. The value element may be a constant (a numerical value) a template variable, or another expression. Refer to " Template Variables ".

file**Table 1–75 Elements of file**

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
content	0	1	Contains one element, contentID, a string. The element contentID is a reference to content ID in contentID-file-path map defined at the beginning of the template.
ace	0	unbounded	

folder

Also represents defaultEmailInbox, defaultNotificationList, and defaultSubscriptionList.

Table 1–76 Elements of folder

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
versionControlConfiguration	0	1	
entities	0	1	
ace	0	unbounded	

versionControlConfiguration

Table 1–77 Elements of versionControlConfiguration

Element Name	Min.	Max.	Description
versionControlModel	1	1	String
maxVersionsToKeep	0	1	Unsigned integer
autoLabel	0	1	Boolean
labelFormat	0	1	Enumerated type, one of the following values: <ul style="list-style-type: none"> ▪ DECIMAL_FORMAT ▪ INTEGER_FORMAT ▪ LOWER_CASE_FORMAT ▪ ROMAN_NUMERAL_FORMAT ▪ UPPERCASE_FORMAT
isFinal	0	1	Boolean

forum

Table 1–78 Elements of forum

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
incrementViewCount	0	1	Boolean
subForum	0	unbounded	Same as forum
topic	0	unbounded	
announcement	0	unbounded	
ace	0	unbounded	

topic

Table 1–79 Elements of topic

Element Name	Min.	Max.	Description
subject	1	1	String
messageBody	1	1	String
ace	0	unbounded	

announcement

Table 1–80 Elements of announcement

Element Name	Min.	Max.	Description
subject	1	1	String
messageBody	0	1	String
activatesOn	0	1	Promptable Template Time (type)

Table 1–80 (Cont.) Elements of announcement

Element Name	Min.	Max.	Description
expiresOn	0	1	Promptable Template Time (type)
ace	0	unbounded	

messageBody**Table 1–81 Elements of messageBody**

Element Name	Min.	Max.	Description
mediaType	1	1	String
body	1	1	String

group**Table 1–82 Elements of group**

Element Name	Min.	Max.	Description
name	1	1	String
description	1	1	String

label**Table 1–83 Elements of label**

Element Name	Min.	Max.	Description
name	1	1	String
description	1	1	String

location**Table 1–84 Elements of location**

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String

participant**Table 1–85 Elements of participant**

Element Name	Min.	Max.	Description
identity	1	1	
role	0	unbounded	

identity

Table 1–86 Elements of identity

Element Name	Min.	Max.	Description
systemDefinedGroupName	0	1	Either this element or cen must appear Enumerated value: ALL_USERS
cen	0	1	String, either this element or systemDefinedGroupName must appear

Table 1–87 Attributes of identity

Attribute Name	Description
type	Required attribute, enumerated value, may have a value of GROUP or USER.

role

Table 1–88 Elements of role

Element Name	Min.	Max.	Description
cen	1	1	String, reference to an existing role
entityTemplateBodyId	1	1	IDREF, reference to a role ID specified in the template itself

personalWorkspaceTemplate

Table 1–89 Elements of personalWorkspaceTemplate

Element Name	Min.	Max.	Description
templateAttributes	1	1	
contentLocation	0	unbounded	
templateVariable	0	unbounded	
environment	0	1	
body	1	1	body (personalWorkspaceTemplate)

priority

Enumerated value, one of the following:

- HIGH
- MEDIUM
- LOW
- NONE

Promptable Non-Empty String (type)

The attributes `prompt` and `promptMessage` can be used for providing hints to GUI tools for template exploration. In Oracle Beehive Release 1, these attributes have no other semantic effect.

Table 1–90 Elements of Promptable Non-Empty String (type)

Attribute Name	Description
prompt	Boolean, optional.
promptMessage	String, optional

Promptable Template Time (type)

Table 1–91 Elements of Promptable Template Time (type)

Element Name	Min.	Max.	Description
templateVariableRef	0	1	String, either this element or offset may appear
offset	0	1	Integer, offset in milliseconds with respect to entity creation time Either this element or templateVariableRef may appear

Table 1–92 Attributes of Promptable Template Time (type)

Attribute Name	Description
prompt	Boolean, optional
promptMessage	String, optional

role

Table 1–93 Elements of role

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
grantPrivilege	0	unbounded	Enumerated type
grantAccessType	0	unbounded	Enumerated type, one of the following: <ul style="list-style-type: none"> ▪ READ ▪ WRITE ▪ DELETE ▪ EXECUTE ▪ DISCOVER
denyAccessType	0	unbounded	Same as grantAccessType

grantPrivilege

Enumerated value, one of the following

- ARCHIVE_MGR
- AUDIT_ADMIN
- AUDITOR
- BYPASS
- CALENDAR_MGR

- CALENDAR_USER
- CONF_MGR
- CONF_USER
- DIAGNOSE
- DM_MGR
- EMAIL_MGR
- EMAIL_USER
- EXCEED_QUOTA
- FORUM_MGR
- FORUM_USER
- IM_MGR
- IM_USER
- LOGIN
- MARKER_MGR
- MODIFY_ACL
- NOTIFICATION_MGR
- NOTIFICATION_USER
- ORGANIZATION_MGR
- POLICY_MGR
- PROTOCOL_USER
- QUOTA_MGR
- READALL
- RESOURCE_MGR
- ROLE_MGR
- SECURITY
- SUBSCRIPTION_MGR
- SUBSCRIPTION_USER
- SYSTEM_OPER
- TASK_MGR
- TASK_USER
- TIMEZONE_MGR
- USER_MGR
- VERSION_MGR
- VOICE_USER
- WORKSPACE_ADD
- WORKSPACE_MGR

sensitivity

Table 1–94 Elements of sensitivity

Element Name	Min.	Max.	Description
name	1	1	String
description	1	1	String
sensitivityOnly	1	1	Boolean
delegatable	1	1	Boolean
ace	0	unbounded	

summary

Also represents the publicSummary element.

Table 1–95 Elements of summary

Element Name	Min.	Max.	Description
uri	0	1	String, either this element or inlineSummary must exist. Use this element for template variables.
inlineSummary	0	1	Either this element or uri must exist

inlineSummary

Table 1–96 Elements of inlineSummary

Element Name	Min.	Max.	Description
filename	1	1	String
mediaType	1	1	String
body	1	1	String

teamWorkspaceTemplate

Table 1–97 Elements of teamWorkspaceTemplate

Element Name	Min.	Max.	Description
templateAttributes	1	1	
contentLocation	0	unbounded	
templateVariable	0	unbounded	
body	1	1	body (teamWorkspaceTemplate)

templateAttributes

Table 1–98 Elements of templateAttributes

Element Name	Min.	Max.	Description
author	1	1	String, this could be different than the creator attribute of the template entity if, for example, the template is created by a third-party vendor

Table 1–98 (Cont.) Elements of templateAttributes

Element Name	Min.	Max.	Description
authorCreationTime	1	1	String, this could be different than the createdOn attribute of the template entity if, for example, the template is created by a third-party vendor
contactInfo	0	1	String, more specifically, how to contact the vendor who created this template
copyrightInfo	0	1	String
description	1	1	String
name	1	1	String
templateId	1	1	String
domain	0	1	String

templateVariable

Table 1–99 Elements of templateVariable

Element Name	Min.	Max.	Description
name	1	1	String, name of the user defined template variable
type	0	1	String
description	0	1	String, value assigned to the user defined template variable
defaultValue	0	1	String, integer, or dateTime This value is assigned to the user defined template variable unless the user explicitly chooses a different value at the time of template instantiation. Note: defaultValue is not honored in Oracle Beehive Release 1.

temporalExpression

Refer to "[Expressions](#)" for more information.

Table 1–100 Elements of templateVariable

Element Name	Min.	Max.	Description
templateVariableRef	1	1	String, name of the user defined template variable
operator	1	1	One of PLUS or MINUS.
offset	1	1	A constant (a numerical value) or an value of type expression . You may optionally specify the attribute timeUnit. It may have the value HOUR, MINUTE, SECOND, or MILLISECOND. The default value is MILLISECOND.

taskList

In Oracle Beehive Release 1, you cannot specify time zone with workspace templates.

Table 1–101 Elements of taskList

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
defaultPriority	0	1	priority
inheritTimeZoneFromOwner	0	1	Boolean
todo	0	unbounded	todo
ace	0	1	

todo

In Oracle Beehive Release 1, you cannot specify iCalPriority, status, url, or iCalUid with workspace templates.

Table 1–102 Elements of todo

Element Name	Min.	Max.	Description
name	1	1	String
description	0	1	String
priority	0	1	
location	0	1	
startTime	0	unbounded	Promptable Template Time (type) or temporalExpression
dueTime	0	1	Promptable Template Time (type) or temporalExpression
organizer	0	1	accessor
participant	0	unbounded	accessor
ace	0	unbounded	

Oracle Beehive Command Line Utility

This module contains instructions on the usage and syntax for all commands shipped with the Oracle Beehive beectl utility. The utility is installed in the \$ORACLE_HOME/bee hive/bin directory.

The Oracle Beehive beectl utility is always used in conjunction with a qualifying command. This module contains instructions about each command, and its available options. When running a beectl command, the following syntax should be used:

```
beectl command --option <argument>
```

Where *command* represents the beectl command, *--option* represents an available option(s) to use with the command, and <*argument*> represents a valid argument passed with an option.

Using beectl Commands in Shell Mode Without Authentication

The beectl commands can also be used in shell mode. To invoke the shell, run the beectl utility without any qualifying commands. The following shell prompt will be returned on the command-line:

```
beectl>
```

Once this prompt appears on the command-line, there is no need to specify beectl when using a command.

Note: The beectl shell expires if inactive for more than 30 minutes.

Using beectl Commands in Shell Mode with Authentication

Many beectl commands require authentication using the **--authuser** and **--authpassword** options. To invoke the beectl shell with authenticated user credentials, use the following command in the beectl shell mode:

```
beectl> login --authuser <authuser> --authpassword <authpassword> -obfuscated
```

Where <*authuser*> represents the user with which to authenticate, and <*authpassword*> represents the obfuscated user password. For information about obfuscating a password, see the `obfuscate` command.

Execution Permissions of beectl

The following applies only to Linux and UNIX-based operating systems.

Operating system users with the same primary membership as the owner of the Oracle Beehive application tier file system may call beectl commands. The following are the exceptions to this:

- If the `root` user does not own the files of the Oracle Beehive application tier, `root` may not call any `beectl` commands.
- Commands that change the structure of the Oracle Beehive application tier (such as adding or deleting OC4J instances, services, and service instances; cloning; and synchronizing system configuration information in the Oracle Beehive application tier's configuration files) and perform process control commands (such as starting and stopping components) cannot be called by any user other than the owner of the Oracle Beehive application tier file system.

New and Removed Commands

The following tables list new and removed commands in the Oracle Beehive 2.0.1.x patch releases, compared to Oracle Beehive 2.0.

Table 2–1 *New beectl Commands in Oracle Beehive 2.0.1.1*

Utility	Function
list_template_evolution_target_workspaces	Lists the workspaces to which the latest version of the given workspace template needs to be applied to make the workspaces conform to the latest version of the template.
list_applied_workspace_templates	Lists the workspace templates that have been applied to this workspace. For each applied template it indicates whether this workspace is a template evolution target.

Table 2–2 *New beectl Commands in Oracle Beehive 2.0.1.3*

Utility	Function
validate_midtier	It validates midtier for various conditions. For example, it reports the issues of database connectivity with each individual rac node.
add_search_recovery_scope	Recover the search index for entities of the specified types, in the specified Scope, and which were last modified between the specified dates.
list_operation_statuses	Lists the Operation Statuses.
export_workspace	Exports workspace contents into an external directory.
import_workspace	Imports contents of an external directory into a new team workspace.

Table 2–3 *Removed beectl Commands in Oracle Beehive 2.0.1.3*

Utility	Function
modify_search	Create system model objects for Search and configure them.
modify_search_engine	Starts or stops the search crawl process for a specific source type.
list_search_recovery_status	Lists the status and reports on how many containers need to be recovered.
add_search_recovery_container	Adds/updates the <code>recovery_id</code> for the specified container.

Table 2–4 *New beectl Commands in Oracle Beehive 2.0.1.4*

Utility	Function
recover_search_failures	Recover search failures. If scope is not specified, recover search failures from all scopes.

Table 2–5 *New beectl Commands in Oracle Beehive 2.0.1.5*

Utility	Function
upload_apns_keystore	Uploads the provider file for Apple Push Notification Service.

Summary of Commands

The following tables list all the available beectl commands.

Table 2–6 *Category: access control*

Utility	Function
add_assigned_role	Creates an AssignedRole entity.
add_local_ace	Adds an Access Control Entry (ACE) to an entity's Local Access Control List (LACL).
add_role_definition	Creates a RoleDefinition entity.
add_sensitivity	Creates a Sensitivity entity.
add_sensitivity_ace	Adds an Access Control Entry (ACE) to a Sensitivity entity's Sensitivity ACL (SACL).
delete_assigned_role	Deletes an AssignedRole entity.
delete_local_ace	Deletes an Access Control Entry (ACE) from the Local Access Control List (LACL) of an entity.
delete_role_definition	Deletes a RoleDefinition entity.
delete_sensitivity	Deletes a Sensitivity entity.
delete_sensitivity_ace	Deletes an Access Control Entry (ACE) from the Sensitivity Access Control List (SACL) of a Sensitivity entity.
list_access_control_fields	Lists the AccessControlFields of an entity.
list_access_types	Lists available access type names and identifiers.
list_assigned_roles	Lists AssignedRole entities.
list_local_acl	Lists the Local Access Control List (LACL) of an entity.
list_privileges	Lists available Privilege names.
list_role_definitions	Lists RoleDefinition entities.
list_sensitivities	Lists Sensitivity entities.
list_sensitivity_acl	Lists the Sensitivity Access Control List (SACL) of a Sensitivity.
modify_access_control_fields	Modifies the AccessControlFields of an existing entity.
modify_assigned_role	Modifies an existing AssignedRole entity.
modify_local_ace	Replaces an Access Control Entry (ACE) in the Local Access Control List (LACL) of an entity.
modify_role_definition	Modifies an existing RoleDefinition entity.
modify_sensitivity	Modifies an existing Sensitivity entity.
modify_sensitivity_ace	Replaces an Access Control Entry (ACE) in the Sensitivity Access Control List (SACL) of a Sensitivity entity.

Table 2–7 *Category: audit*

Utility	Function
add_audit_policy	Creates an audit policy from the XML file information
add_audit_trail	Creates an audit trail from the search result generated using the XML file
delete_audit_policy	Deletes an existing audit
delete_audit_trail	Deletes an existing audit trail

Table 2–7 (Cont.) Category: audit

Utility	Function
export_audit_trail	Exports an existing audit trail by the given identifier
list_audit_policies	Lists audit policies and prints policy information
list_audit_trails	Lists audit trails and prints trail information
modify_audit_policy	Modifies an existing audit policy
modify_audit_trail	Modifies an existing audit trail

Table 2–8 Category: client application

Utility	Function
add_attendant	Adds an auto attendant or copies an existing one under a new name. When copying any prompts will also be copied.
add_client_application_configuration	Creates a client application configuration object from a supplied input file. The resulting object will be used for client application provisioning.
add_client_application_provisioning	Provisions client applications to a community.
add_voice_facility	Creates a voice facility by associating phone rules with an already created group. The command may be run multiple times and each new execution will append new rules to existing rules for a given group collabid.
delete_attendant	Deletes an auto attendant by name.
delete_attendant_prompt	Deletes a prompt.
delete_client_application	Deletes a client application.
delete_client_application_configuration	Deletes the client application configuration with the given identifier.
delete_client_application_patchset	Deletes a client application patchset.
delete_client_application_provisioning	De-provisions client applications from a community.
delete_client_application_version	Deletes a client application version.
delete_voice_facility	Removes specific rules or all rules for a given group collabid. To remove specific rules, then the list the rules to remove in the parameter options. To remove all rules only specify the collabid
export_client_application_configuration	Exports a client application configuration to a local file.
list_attendant_aaml	Prints the Auto Attendant Markup Language for an auto attendant.
list_attendant_prompts	Lists all prompts that have been uploaded for an attendant.
list_attendants	Lists all attendants in the system.
list_client_application_configuration	Lists the client application configurations.
list_client_application_modules	Lists the modules for a given client application patchset.
list_client_application_patchsets	Lists the patchsets for a given client application version.
list_client_application_versions	Lists all the versions for a given client application.
list_client_applications	Lists all the client applications.
list_client_applications_usage	Lists the client applications usage report. The command displays the number of devices that have installed a client application.
list_voice_facilities	The list command shows all of the facilities, their collab ids and phone number matching rules. The command accepts three optional parameters to help refine the search, if no parameters are specified, then all facilities are presented.
modify_attendant	Update an existing attendant with a new markup file or rename it.
upload_attendant_prompt	Upload a prompt to the database.
upload_client_application	Uploads client application binaries to the repository. Either a binary file path or path to a directory containing binary files should be specified.

Table 2–9 Category: cloning

Utility	Function
<code>clone_midtier</code>	Top level clone command that clones a mid-tier.
<code>clone_oc4j_instance</code>	Creates a new oc4j instance by cloning the given oc4j instance.
<code>clone_patching</code>	Upgrades the midtier by cloning.
<code>clone_preparation</code>	Prepares the existing oracle home for cloning.
<code>clone_site</code>	Top level clone command that clones a mid-tier in a new deployment (i.e., site). This command is part of the Deployment Cloning solution. Please see the administrator guide for details.
<code>list_clone_properties</code>	Lists the set of system model properties required for ias cloning scripts.

Table 2–10 Category: coexistence

Utility	Function
<code>add_coexistence_system</code>	Creates a new coexisting remote system.
<code>delete_coexistence_profile</code>	Deletes the coexistence profile of user.
<code>delete_coexistence_system</code>	Deletes a coexisting remote system. WARNING: This command will purge the coexisting remote system and clean all related data.
<code>import_coexistence_data</code>	Import data from the coexisting remote system for a given user.
<code>list_coexistence_connectors</code>	Lists all coexistence connectors for a coexisting remote system.
<code>list_coexistence_profiles</code>	Lists the profile of coexisting users.
<code>list_coexistence_status</code>	Reports the status of the coexisting containers and coexistence profiles.
<code>list_coexistence_systems</code>	Lists all coexisting remote systems.
<code>modify_coexistence_profile</code>	Create or modify the coexistence profile of a user.
<code>modify_coexistence_system</code>	Modifies a coexisting remote system.

Table 2–11 Category: configuration

Utility	Function
<code>activate_configuration</code>	Saves proposed configuration and activate it.
<code>add_blocked_device</code>	Creates a blocked device. The system object identifier of the resulting object needs to be added to the 'DeviceManagementService' system object, using <code>modify_property</code> command, to block this device from accessing Beehive Mobile Services.
<code>add_coexistence_system</code>	Creates a new coexisting remote system.
<code>add_dmz_home_instance</code>	Creates configuration for a Beehive installation in the DMZ that is, outside the firewall.
<code>add_search_recovery_scope</code>	Recovers the search index for Entities of the specified types, in the specified Scope, and which were last modified between the specified dates.
<code>add_urm</code>	Configures an agent for a URM instance.
<code>add_virus_scan_engine</code>	Adds a new virus scan engine to the collection of engines configured for the Site. If this is the first scan engine being added, this command will create a new collection for the Site and add the virus scan engine to it.
<code>append_value</code>	Appends the specified value to the existing value of the named property. If the named property value is cleared before executing this command, then after executing this command it will contain the new value.
<code>clear_proposed_configuration</code>	Clears proposed configuration of the Beehive system object model
<code>clone_midtier</code>	Top level clone command that clones a mid-tier.
<code>clone_oc4j_instance</code>	Creates a new oc4j instance by cloning the given oc4j instance.
<code>clone_patching</code>	Upgrades the midtier by cloning.

Table 2–11 (Cont.) Category: configuration

Utility	Function
<code>clone_preparation</code>	Prepares the existing oracle home for cloning.
<code>clone_site</code>	Top level clone command that clones a mid-tier in a new deployment (i.e., site). This command is part of the Deployment Cloning solution. Please see the administrator guide for details.
<code>delete_coexistence_system</code>	Deletes a coexisting remote system. WARNING: This command will purge the coexisting remote system and clean all related data.
<code>delete_dmz_home_instance</code>	Removes configuration for a Beehive installation in the DMZ that is, outside the firewall.
<code>delete_oc4j_instance</code>	Deletes the specified oc4j.
<code>delete_property</code>	Clears the value of specified property in the configuration object identified by specified id.
<code>delete_remote_home_instance</code>	Deletes the specified beehive home from central configuration repository.
<code>delete_virus_scan_engine</code>	Deletes specified virus scan engine from the collection of engines configured for the Site. If this is the last scan engine being deleted, this command will also delete the virus scan engine collection and update the Site to remove the virus scan engine collection from it. Either the scan_engine option or the hostname and port options will need to be specified.
<code>download_language_pack</code>	Exports language pack resources managed by the Beehive deployment. The exact resources exported and the output destination details are controlled by command options.
<code>export_configuration_data</code>	Exports configuration data for given configuration version.
<code>list_bootstrap_configuration</code>	Displays bootstrap configuration for local midtier.
<code>list_clone_properties</code>	Lists the set of system model properties required for ias cloning scripts.
<code>list_components</code>	Lists components in the configuration repository.
<code>list_configuration_versions</code>	Lists all available configuration versions and activation time information
<code>list_connection_pools</code>	Lists available connection pools in the system.
<code>list_deployment_templates</code>	Lists the available deployment templates in central configuration repository
<code>list_language_pack</code>	Displays summarized informations for the resources in language pack. The search criteria can include a combination of string contained in the resource name, locale of the resource, type of resource (built-in or custom). Note that only resources matching ALL (as compared to ANY) specified search criteria are displayed.
<code>list_patch_informations</code>	Lists the patch information for given archives.
<code>list_ports</code>	Lists various available ports.
<code>list_properties</code>	Prints property value of a component given a component identifier and property name. If property name is not specified then all the properties will be listed.
<code>list_property_metadata</code>	Lists the metadata about all the properties of a system model object.
<code>list_virus_scan_policy</code>	Lists the virus scan policy configured for the Site. Valid values for the scan policy are: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR. Default is NO_SCAN_OR_REPAIR.
<code>modify_coexistence_system</code>	Modifies a coexisting remote system.
<code>modify_connection_pool</code>	Modifies the connection pool configuration.
<code>modify_database</code>	Modifies given database configuration.
<code>modify_deployment_structure</code>	This command applies the specified template(s) to the local BeehiveInstance. Execute <code>beectl list_deployment_templates</code> command to view the available templates.
<code>modify_hostname</code>	Modifies the configuration repository for hostname of the system and updates required configuration files.

Table 2–11 (Cont.) Category: configuration

Utility	Function
modify_local_configuration_files	This command updates configuration files local to current midtier with activated changes to centralized configuration. It can restart one or more components on current midtier if needed to make the changes take effect. Some updates to local configuration files require this command to restart all midtier components.
modify_oc4j_administrator_password	Modifies oc4j administrator password in central configuration.
modify_patch_information	Add, append or removes the patch information from the given archives.
modify_port	Modifies various ports.
modify_property	Modifies the value(s) of a named property of the component identified by --component. Multiple values can be set for one property.
modify_secure_property	This command updates the sensitive property of the system model object identified by the --component.
modify_urm_urls	update urm urls
modify_virus_scan_policy	Modifies the virus scan policy configured for the Site. Valid values for the scan policy are: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR. Default is NO_SCAN_OR_REPAIR.
recover_search_failures	Recover search failures. If scope is not specified, Recover search failures from all scopes.
upload_language_pack	Loads language pack resources into the system.
validate_configuration	Validates the configuration for given component id or for the whole system model tree.
validate_midtier	It validates midtier for various conditions. For example, it reports the issues of database connectivity with each individual rac node.
validate_site_key	Validates the given site key.
validate_virus_scan_engine_connectivity	Tests the connectivity to the virus scan engine running at the specified host and port.

Table 2–12 Category: contents

Utility	Function
add_filesystem_reference	Creates a reference in Beehive to a directory on the filesystem.
add_remote_repository	Adds a remote repository.
add_remote_share	Adds a remote repository share.
delete_filesystem_reference	Removes a filesystem reference from Beehive.
delete_remote_repository	Deletes a remote repository.
delete_remote_share	Deletes a remote share.
import_documents	Imports documents into Beehive from files on the server without copying the file content. Data on the server files will be treated as read-only; should an imported document be edited in Beehive, a copy of the content will be made at that time.
list_filesystem_references	Lists the filesystem path, read-only status, and identifier of all available filesystem references.
list_remote_repositories	Lists remote repositories.
list_remote_repository_definitions	Lists seeded remote repository definitions.
list_remote_shares	Lists remote shares.
modify_remote_repository	Modifies the name and/or the description of a Remote Repository.
modify_remote_share	Modifies the name and/or the description of a Remote Share.

Table 2–13 Category: devices

Utility	Function
<code>add_blocked_device</code>	Creates a blocked device. The system object identifier of the resulting object needs to be added to the 'DeviceManagementService' system object, using <code>modify_property</code> command, to block this device from accessing Beehive Mobile Services.
<code>add_device_command</code>	Creates a device command for a given device.
<code>delete_device</code>	Deletes the device with the given identifier.
<code>delete_device_profile</code>	Deletes the device profile or device profiles. The command can delete the device profile with the given identifier or with the given device profile name or delete the device profiles specified from the given file containing names of the device profiles. The command can also optionally delete all the device types associated with this device profile.
<code>delete_device_type</code>	Deletes the device type with the given identifier.
<code>download_device_logs</code>	Downloads the logs for a device. This command can either download all log files for a device or all log files for a given application on the device or a particular log file.
<code>download_syncml_messages</code>	Downloads SyncML messages.
<code>download_syncml_sessions</code>	Downloads SyncML messages.
<code>list_client_applications_usage</code>	Lists the client applications usage report. The command displays the number of devices that have installed a client application.
<code>list_device_commands</code>	Lists the device commands for a given device. The list can be further filtered by specifying the status of the device command.
<code>list_device_logs</code>	Lists the device logs for a given device.
<code>list_device_profiles</code>	Lists all the device profiles.
<code>list_device_types</code>	Lists all the device types.
<code>list_devices</code>	Lists the devices either belonging to a user or with the specified device status.
<code>modify_device</code>	Modifies the device with the given identifier.
<code>upload_apns_keystore</code>	Uploads the provider file for Apple Push Notification Service.
<code>upload_device_profiles</code>	Uploads device profiles to the repository. An XML file or a directory containing XML files can be used as the source for the device profiles. The file can also contain device types and device profile schema.

Table 2–14 Category: expertise

Utility	Function
<code>add_expertise_user_scope</code>	The <code>add_expertise_user_scope</code> command adds new expertise user scope. The expertise user scope information is supplied in a XML file.
<code>delete_expertise_user_scope</code>	The <code>delete_expertise_user_scope</code> command deletes expertise user scope. The expertise user scope <code>CollabId/BODN</code> is supplied with <code>--expertise_user_scope</code> option.
<code>list_expertise_background_jobs</code>	Displays the status of all expertise background jobs.
<code>list_expertise_profiling_configuration</code>	The <code>list_expertise_profiling_configuration</code> command lists the profiling configuration.
<code>list_expertise_profiling_enabled_entities</code>	The <code>list_expertise_profiling_enabled_entities</code> command lists all the entities for whom expertise profiling is enabled.
<code>list_expertise_profiling_status</code>	The <code>list_expertise_profiling_status</code> command lists the expertise profiling status of the user specified. The profiling status information comprises <code>Enability</code> , <code>Bootstrap</code> , <code>Searchability</code> statuses.
<code>list_expertise_relationship_blacklist_emails</code>	The <code>list_expertise_relationship_blacklist_emails</code> command lists all the email addresses that have been blacklisted for expertise relationship profiling.
<code>list_expertise_stop_phrases</code>	Lists the stop phrases for expertise service.

Table 2–14 (Cont.) Category: expertise

Utility	Function
list_expertise_user_scopes	The <code>list_expertise_user_scopes</code> command lists all expertise user scope or detailed version of supplied expertise user scope CollabId/BODN with <code>--expertise_user_scope</code> option.
modify_expertise_background_job	Modifies the expertise background jobs.
modify_expertise_entity_searchability	The <code>modify_expertise_entity_searchability</code> command controls whether the specified entity will be searchable or not.
modify_expertise_profiling_configuration	The <code>modify_expertise_profiling_configuration</code> command modifies the expertise profiling configuration. The profiling configuration information is supplied in an XML file.
modify_expertise_stop_phrases	The <code>modify_expertise_stop_phrases</code> command modifies (add/remove) stop phrases for Expertise service. The phrases are supplied in a XML file
modify_expertise_user_scope	The <code>modify_expertise_user_scope</code> command modifies expertise user scope. The expertise user scope information is supplied in a XML file.

Table 2–15 Category: language packs

Utility	Function
download_language_pack	Exports language pack resources managed by the Beehive deployment. The exact resources exported and the output destination details are controlled by command options.
list_language_pack	Displays summarized informations for the resources in language pack. The search criteria can include a combination of string contained in the resource name, locale of the resource, type of resource (built-in or custom). Note that only resources matching ALL (as compared to ANY) specified search criteria are displayed.
upload_language_pack	Loads language pack resources into the system.

Table 2–16 Category: messaging

Utility	Function
add_email_endpoint	Add an email endpoint
delete_email_message	Moves an email message to a target folder or removes it outright
delete_xmpp_chat_rooms	This command is used to delete an xmpp chat room by name (if it exists, else it is a NOOP) specified by the <code>--roomname</code> option. Room-names are case insensitive. This command can also be used to delete those xmpp chat rooms which have not been accessed for a period of days specified by the <code>--olderthan</code> option.
export_email_data	Export all email data to a file
import_email_data	Import email data from a file created by export command into a given folder
list_email_messages	List the email messages in a transport queue
list_email_queues	List the email transport queues information
list_xmpp_chat_rooms	Used to list all currently existing XMPP chat rooms.
modify_email_port	Modifies Email service' SMTP or IMAP port number
modify_email_queue	Enables or disables Email asynchronous queue processing
modify_im_preferences	Modifies existing instant message preferences of a user.
send_broadcast_im_message	Sends Instant Message to all online users.

Table 2–17 Category: organizations

Utility	Function
add_organization	Creates an organization in the given scope
delete_organization	Deletes an existing organization, and sub-organizations and workspaces under it (with <code>--force_cascade</code> option). And/or purges deleted organization manually (with <code>--purge</code> option). Use <code>list_deleted_organizations</code> to get the CENs of deleted organizations.
list_deleted_organizations	Lists deleted organizations
list_enterprises	Lists all enterprises and prints names and identifiers
list_organizations	Lists organizations in the given scope
modify_enterprise	Modifies an existing enterprise
modify_organization	Modifies an existing organization

Table 2–18 Category: policies

Utility	Function
add_event_subscription	Creates an event subscription using data in an XML file.
add_policy	Creates a policy using data in an XML file.
add_policy_schema	Creates a policy schema using data in an XML file.
add_policy_template	Creates a policy template using data in an XML file.
delete_event_subscription	Deletes an event subscription from the Oracle Beehive repository.
delete_failed_action_events	Purge actions that have not completed successfully.
delete_policy	Deletes a policy.
delete_policy_action	Deletes a policy action.
delete_policy_schema	Deletes a policy schema.
delete_policy_template	Deletes a policy template.
export_policy	Exports policy data into an XML file.
list_event_groups	Lists all business object events.
list_events	Lists all business object events.
list_failed_action_events	List actions that have not completed successfully.
list_policies	Lists policies in an specific container. Details returned include policy names and identifiers.
list_policy_actions	Lists all policy actions.
list_policy_schemas	Lists policy schemas in the current enterprise. Details returned include policy schema names and identifiers.
list_policy_templates	Lists policy templates in a specified container. Details returned include policy template names and identifiers.
modify_failed_action_events	Retry actions that have not completed successfully.
modify_policy	Modifies an existing policy using data in an XML file.
modify_policy_schema	Modifies an existing policy schema using data in an XML file.
modify_policy_template	Modifies an existing policy template using data in an XML file.
validate_policy	Evaluates or executes a policy based on an event payload file.

Table 2–19 Category: process control

Utility	Function
restart	Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.
start	Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.
status	Displays the status of all managed components.
stop	Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.

Table 2–20 Category: real time

Utility	Function
add_conference	Creates conference artifact under workspace
add_conference_template	Creates conference-template artifact under workspace
delete_conference	Deletes conference artifact under workspace
delete_conference_template	Deletes conference template artifact under workspace
list_conference_templates	Lists conference-template artifacts under workspace
list_conferences	Lists conference artifacts under workspace
list_my_conferences	Lists conference artifacts under workspace

Table 2–21 Category: records

Utility	Function
add_record	Adds a record or non-record.
delete_record	Deletes a record or non-record.
list_file_plan	Lists the file plan.

Table 2–22 Category: resources

Utility	Function
add_resource	Creates a new resource.
delete_resources	Deletes a resource.
list_resources	Lists resources.
modify_resource_classifications	This command set the given category as resource root classification.
modify_resources	Modifies an existing resource.

Table 2–23 Category: security

Utility	Function
add_trusted_identity	This command registers a trusted identity. There are two types of trusted identities: WSSEC and SES. Default type is WSSEC. For WSSEC type, please make sure that the service has a valid certificate registered in the wallet and the correct associated key alias is passed into this command. This command also creates the principal(s) associated with this trusted identity in the Beehive system. On the other hand, for SES type, this command stores the given trusted identity name and password information.
delete_trusted_identity	This command unregisters a trusted identity. If the type of identity is not specified, it is defaulted to WSSEC.
list_trusted_identity	This command lists the trusted identities. The type has to be specified. For type SES, it lists the names of the trusted entities.
modify_trusted_identity	This command modifies the details of the trusted identity. At least one of the options <code>new_service_name</code> or <code>new_key_alias</code> need to be specified for this modification if the type is WSSEC. If the type of identity is not specified, it is defaulted to WSSEC.

Table 2–24 Category: subscription

Utility	Function
add_user_subscription	Creates a user subscription from a pre-defined rule in a subscription template.
list_user_subscriptions	List user subscriptions
modify_user_subscription	Enables or disables an existing subscription

Table 2–25 Category: templates

Utility	Function
modify_notification_template	Modifies a specified notification template for the Notification service.

Table 2–26 Category: timemanagement

Utility	Function
add_ishedule_server	Add a remote iSchedule Server configuration.
clear_calendar_permissions	Modify access permissions for grantee (user or group) on the specified calendar.
clear_tasklist_permissions	Reset the access permissions of a tasklist to their out-of-box defaults.
delete_ishedule_server	Delete a remote iSchedule Server configuration.
export_icalendar	Export invitations and assignments from a calendar and/or tasklist to an iCalendar file.
import_icalendar	Import an iCalendar file to an existing calendar and/or tasklist. If an iCalendarObject has a UID that already exists in the destination calendar and/or tasklist it will be re-created. VCALENDAR components can have many VEVENT and VTODO sub-components with different UIDs but sub-components of the same UID must be consecutive. A VCALENDAR component imported with a METHOD:X-ORACLE-DELETE or METHOD:CANCEL will cause all sub-components to be deleted.
list_calendar_enrollments	List the directly enrolled and directly unenrolled members of the specified team workspace calendar.
list_calendar_permissions	List the access control permissions of a user, resource or workspace's calendar. When multiple calendars match the selection criteria for the user, resource or workspace, the default calendar will be used.
list_calendars	Lists the existing calendars of a user, resource or workspace.
list_ishedule_servers	List remote iSchedule Server configurations.

Table 2–26 (Cont.) Category: timemanagement

Utility	Function
list_tasklist_permissions	List the access control permissions of a user, resource or workspace's tasklist. When multiple tasklists match the selection criteria for the user, resource or workspace, the default tasklist will be used.
list_tasklists	Lists existing tasklists of a user, resource or workspace.
modify_calendar	Modify various attributes of the selected calendar.
modify_calendar_enrollments	Modify the enrollment list of the specified team workspace calendar.
modify_calendar_permissions	Modify access permissions for grantee (user or group) on the specified calendar.
modify_ishedule_server	Modify a remote iSchedule Server configuration.
modify_tasklist	Modify various attributes of the selected tasklist.
modify_tasklist_permissions	Modify access permissions for grantee (user or group) on the specified tasklist.

Table 2–27 Category: timezones

Utility	Function
import_timezones	Imports time zone definitions to the database.
list_timezones	Lists time zones in the database.
modify_timezones	Modify a time zone.

Table 2–28 Category: users

Utility	Function
add_custom_user_property	The <code>add_custom_user_property</code> command adds custom user properties.
add_directory_profile	The <code>add_directory_profile</code> command adds a new directory profile.
add_external_contact	The <code>add_external_contact</code> command adds new external contact.
add_feed_configuration	The <code>add_feed_configuration</code> command adds new feed configurations.
add_group	The <code>add_group</code> command adds new groups. The group information is supplied in an XML file.
add_preference_profile	The <code>add_preference_profile</code> command adds a new preference profile and associates it with a consumer. There can be only one preference profile for a consumer.
add_preference_property	The <code>add_preference_property</code> command adds a new preference property to a preference set.
add_preference_set	The <code>add_preference_set</code> command adds a preference set to a preference profile.
add_user	The <code>add_user</code> command adds new users. The user information is supplied either on command line or in an XML file.
delete_coexistence_profile	Deletes the coexistence profile of user.
delete_custom_user_property	The <code>delete_custom_user_property</code> command deletes a custom property. If there are multiple custom properties with same name, then only the first occurrence of the attribute with specified name is deleted. Any values of the property being deleted will also be deleted.
delete_directory_profile	The <code>delete_directory_profile</code> command deletes a directory profile.
delete_feed_configuration	The <code>delete_feed_configuration</code> command deletes feed configuration.
delete_group	The <code>delete_group</code> command deletes a group with an option to purge.
delete_preference_profile	The <code>delete_preference_profile</code> command deletes a preference profile.
delete_preference_property	The <code>delete_preference_property</code> command deletes a preference property from a preference set.

Table 2–28 (Cont.) Category: users

Utility	Function
<code>delete_preference_set</code>	The <code>delete_preference_set</code> command deletes a preference set.
<code>delete_user</code>	The <code>delete_user</code> command deletes a user with an option to purge.
<code>download_ldap_group_data</code>	The <code>download_ldap_group_data</code> command downloads groups information for an external directory into an XML file. The generated XML file can be used with <code>add_group</code> command to create the groups.
<code>download_ldap_user_data</code>	The <code>download_ldap_user_data</code> command downloads user information for an external directory into an XML file. The generated XML file can be used with <code>add_users</code> command to create the users.
<code>list_coexistence_profiles</code>	Lists the profile of coexisting users.
<code>list_custom_user_properties</code>	The <code>list_custom_user_properties</code> command lists all custom properties of users.
<code>list_directory_profiles</code>	The <code>list_directory_profiles</code> command lists directory profiles in an XML file.
<code>list_external_contacts</code>	The <code>list_external_contacts</code> command lists contacts that match specified search criteria. If search criteria are not specified, then all contacts are listed. It also lists the details of the contact(s) whose identifier is specified.
<code>list_feed_configurations</code>	The <code>list_feed_configurations</code> command lists the feed configurations in the given scope.
<code>list_groups</code>	The <code>list_groups</code> command lists groups that match specified search criteria. If search criteria are not specified, then all groups are listed.
<code>list_ldap_change_number</code>	Lists the last change-log number processed by beehive for specified profile.
<code>list_max_address_count</code>	The <code>list_max_address_count</code> command lists the maximum number of addresses of an address type that can be set for a given person-contact, group-contact or resource-contact in an address-book. The address types determine the type of address like BUSINESS, PERSONAL and OTHER. This command also lists the system defined maximum limit, which cannot be exceeded.
<code>list_preference_profiles</code>	The <code>list_preference_profiles</code> command lists preference profiles for a consumer.
<code>list_preference_properties</code>	The <code>list_preference_properties</code> command lists all effective preference properties of a preference set.
<code>list_preference_sets</code>	The <code>list_preference_sets</code> command lists all preference sets for a preference profile.
<code>list_users</code>	The <code>list_users</code> command lists users that match specified search criteria. If search criteria are not specified, then all users are listed.
<code>modify_coexistence_profile</code>	Create or modify the coexistence profile of a user.
<code>modify_directory_entry</code>	Modifies the directory entry and locator for a given directory entry. This command can be used to convert a directory user to an external directory user and vice versa.
<code>modify_directory_profile</code>	The <code>modify_directory_profile</code> command modifies an existing directory profile. Modification to the profile name cannot be done.
<code>modify_external_contact</code>	The <code>modify_external_contact</code> command modifies existing external contact.
<code>modify_feed_configuration</code>	The <code>modify_feed_configuration</code> command modifies existing feed configurations.
<code>modify_group</code>	The <code>modify_group</code> command modifies a group. The group information is supplied in an XML file.
<code>modify_ldap_change_number</code>	Modifies the changelog number of a profile.

Table 2–28 (Cont.) Category: users

Utility	Function
modify_max_address_count	The <code>modify_max_address_count</code> command modifies maximum number of addresses of an address type that can be set for a given person-contact, group-contact or resource-contact in an address-book. The address types determine the type of address like BUSINESS, PERSONAL & OTHER. The maximum count specified in this command must be less than the system defined maximum limit, which can be determined by running <code>list_max_address_count</code> command.
modify_preference_set	The <code>modify_preference_set</code> command modifies the preference set by setting the extends from attribute.
modify_user	The <code>modify_user</code> command modifies existing users.
validate_directory_entry	<code>e></code> <s the directory entry in ldap with corresponding entry in beehive. The directory entry can be of type user, group or external person. The command provides an option to correct any data inconsistencies by applying necessary changes in beehive. The state of the profile specified in this command can either be ENABLE or DISABLE.

Table 2–29 Category: utilities

Utility	Function
delete_virus_scan_results	Deletes virus scan results from the system that match the specified criteria. Option <code>scandate</code> cannot be specified with options <code>scandate_from</code> or <code>scandate_to</code> .
export_errorcodes	Search for occurrences of error codes
export_filesystem_logs	Search log files stored on host machines.
export_logs	With an option of refreshing the repository first, query the repository to get relevant log records from log files stored on host machines.
export_probes	Lists all probe information in beehive.
list_command_metadata	Lists all the metadata about given command.
list_commands	Lists the command names based on the given criteria.
list_errorcode_catalog	List all error code definitions in beehive.
list_operation_statuses	List the Operation Statuses
list_schema_clones	Search the <code>ocs_clone_registry</code> table based on the specified options and display the matched clone records.
list_schemas	Search the <code>ocs_schema_registry</code> table based on the specified options and display the matched schema records.
list_statistics	Lists the statistics for a given type or component or for the entire site.
list_supported_entity_types	Prints the supported entity types which can be used in business object distinguished naming pattern instead of system generated identifier and their description.
list_virus_scan_results	Lists the virus scan results that match the specified criteria. Only a count of the matches found will be displayed if the option to list only the counts is specified. Option <code>count_only</code> cannot be specified with options <code>maximum_results</code> or <code>display_columns</code> . Option <code>scandate</code> cannot be specified with options <code>scandate_from</code> or <code>scandate_to</code> .
obfuscate	Obfuscates the prompted string.
version	This command shows the version information of the Beehive products.

Table 2–30 *Category: workspace*

Utility	Function
add_category	Creates a category at the enterprise scope
add_category_application	Applies a category on a given entity
add_category_configuration	Creates a category configuration on the given scope or heterogenous folder.
add_team_workspace	Creates a team workspace from a template
add_team_workspace_template_application	Transforms the given team workspace to conform to the given team workspace template
add_team_workspace_template_evolution	Applies the latest snapshot of the given team workspace template to all the team workspaces to which the template was applied earlier
add_version_configuration	Creates a version configuration on the given scope or heterogenous folder.
delete_category	Deletes a category and all category applications.
delete_category_application	Removes a category from an entity
delete_category_configuration	Deletes a given category configuration.
delete_version_configuration	Deletes a given version configuration.
download_generated_team_workspace_template	Generates a team workspace template from the given team workspace
download_workspace_template_schema	Downloads workspace template XML schema to a file
export_workspace	Exports workspace contents into an external directory.
import_workspace	Imports contents of an external directory into a new team workspace.
list_applied_workspace_templates	Lists the workspace templates that have been applied to this workspace. For each applied template it indicates whether this workspace is a template evolution target.
list_categories	Lists the categories in the enterprise.If the recurse option is used then sub-categories are also listed.
list_category	Prints information about a category given a category identifier
list_category_applications	List all the categories (and associated attributes) applied to a specific entity. Lists the application of a specific category to the entity if the [category] parameter is provided.
list_category_configuration	Lists the category configuration on the given scope or heterogenous folder.
list_deleted_workspaces	Lists deleted workspaces
list_template_evolution_target_workspaces	Lists the workspaces to which the latest version of the given workspace template needs to be applied to make the workspaces conform to the latest version of the template
list_version_configuration	Lists the version configuration on the given scope or heterogenous folder.
list_workspace_templates	Lists all workspace templates
list_workspaces	Lists workspaces in an organization or enterprise
modify_category	Modifies an existing category
modify_category_configuration	Updates a given category configuration.
modify_personal_workspace	Modifies an existing personal workspace
modify_team_workspace	Modifies an existing team workspace
modify_version_configuration	Updates a given version configuration.
modify_workspace_template	Modifies an existing workspace template

Common Options

The beectl command options can be broken down into two types: common options, and command specific options. This section describes common options that can be used with any beectl command.

The following is a complete list of common options for all beectl commands:

--format

Specify the output format type. Valid options are `multiline`, `xml`, `table`, and `tilled`. The default format is `multiline`.

--separator

Specify the separator to use when formatting an output type of `tilled` with the **--format** option. Any character may be used as a separator. The default separator is `"|"`.

--entity_format

Specify display format of the entity. Valid entity format options are `name`, `id`, and `name_and_id`. Default format is `name`.

--timezone_id

Specify the time zone to use if any date and time information is returned by the command. To determine a time zone ID, use the `list_timezones` command.

--no_confirmation

Allow the command to be executed without prompting for any confirmation. This option applies only to remove and delete commands.

--version

Print the version information of a beectl command. This option does not require an argument.

--help

Print a usage message.

--log_level

Specify the logging level. Valid arguments for this option are: `FINEST`, `FINER`, `FINE`, `CONFIG`, `INFO`, `WARNING`, `SEVERE`, `ERROR`, `INTERNAL_ERROR`, `NOTIFICATION`, and `TRACE`. If no log level is specified, the default, `INFO`, will be used. This option cannot be used while in shell mode or batch mode. Specify the option when invoking either mode.

--logdir

Specify the full path to the log directory. The default value is `ORACLE_HOME/bee hive/logs/beectl/`. This option cannot be used while in shell mode or batch mode. Specify the option when invoking either mode.

--batchfile

Specify the full path and file name of a batch file. Commands and options can be specified in a file and passed with this option for batch processing.

--continue

Force Oracle Beehive to continue with the next command when using the **--batchfile** option. The next command will be executed regardless of the exit code of the previous command.

--activate_configuration

Commands that deal with updating the system object model make use of this option to determine if they need to save their modification to the configuration system.

--no_wrap

If specified, the cell values in the tabular format output of a command will not be wrapped.

--no_stagger

If specified, the columns of the tabular format output of a command will not be staggered.

--column_format

Specify customized column format string. For example, `10%10%20%`. This option is applicable only to commands that have tabular output. If not specified or an incorrect value is specified, it will be ignored, and the maximum content length for each column will be used to set column width.

--terminal_width

Modify the default terminal width. By default, the terminal width is 80 characters.

--obfuscated

Specify this option when all passwords passed with the command are obfuscated.

--authuser

Specify the user name for beectl commands requiring authentication.

--authpassword

Specify the user password for the user specified with the **--authuser** option. The argument for this option must be obfuscated using the **--obfuscated** if passed on the command line.

Note: Option arguments should not start with a hyphen (-). If an option argument needs to start with hyphen, use one of the following options:

- Use the `<option name>= <option value>` format; this is the preferred way to specify option values starting with hyphens.
- Prefix the option value with string `ESCAPE:`.
- Prefix the option value with an escaped backslash (`\\`). This is the least preferred way. This may not work in some operating systems; it does not work in Microsoft Windows.

Option values should not contain the any special characters (such as `*`, `$`, and `%`). If an option value contains a special character, then enclose the option value in double quotes (`"`).

System Object Identifiers

System model objects in the system model can be uniquely identified with the following mechanisms:

System Object Identifier

A unique identifier assigned to each system model object at the time of creation. The system object identifier is read-only and it cannot be changed. For example, `8ae5c0e8-02c8-429e-9773-186e6a79997b`.

Built-In Alias

A unique, built-in alias is assigned to certain system model objects at the time of creation. Built-in alias names are read-only and it cannot be changed. For example, `_CURRENT_SITE` refers to the current site system model object and `_CURRENT_ENTERPRISE` refers to the current enterprise system model object.

User Defined Alias

You can assign a unique user defined name to each system model object. Oracle Beehive ensures that all user defined aliases are unique. The user defined alias are mutable and can be modified at any point of time. For example, `oracle_smtp_service` can refer to an SMTP service system model object.

Encoded System Object Identifier

To refer to a system model objects that lies deep in the system model hierarchy, use the following syntax:

```
<unique ID>[:<property name>][:<property name>][:<property name>]
```

`<unique ID>` is a system object identifier, built-in alias, or user defined alias of a system model object, and `<property name>` is a valid property name of the preceding model object. The type of property should be a system model object.

For example, the following command list the properties of the logging properties of the database of the current site:

```
beectl list_properties --component _CURRENT_SITE:Database:LoggingProperties
```

Providing Secure Values

The following are the available methods to provide secure values, such as passwords, to a command:

Prompt

Only provide the option (without providing the secure value). The `beectl` tool will prompt you for the secure value. Some commands may ask you to reconfirm the secure value.

Obfuscate

Obfuscate the secure value with the `obfuscate` command. Use the obfuscated value for the option that requires the secured value along with the common option `--obfuscated`.

Clear Text

To provide secure values in clear text, run commands in `beectl` shell mode.

Tabular Output

The following options allow you to control the display of tabular output:

--no_wrap

Specify that content wrapping will not be applied to cell values.

--no_stagger

Specify that columns will not be staggered. By default, columns will not be staggered if there are three or less columns.

--column_format

Specify the column widths (in chars) for each column. This value will be ignored if number of columns given in this option do not match the number of columns in the resultant table. The following is an example of this option:

```
beectl list_property_metadata
  --type ManagementService
  --full_report
  --column_format 10%10%10%10%10%
```

Property name	Property Type	Metadata	Short description	Long description
AutoSyncSavelistener	int	Not ReadOnly-Mutable	[Short description key	[Long description key
SleepIntervalInSeconds		-Mandatory	Key not set.	Key not set.
...				

You may not specify this option with **--no_stagger** or **--no_wrap**.

--terminal_width

Specify the terminal width of the terminal in which you are running the beectl tool. Specify this option if you have resized your terminal to more than 80 character widths and you want the command output to fit the entire width of your terminal. The Default (minimum) value for terminal width is 80.

Boolean Values

If an option requires a boolean value (either `true` or `false`), and you specify the option without specifying a value, the command assumes a value of `true` for the option.

activate_configuration

Saves proposed configuration and activate it.

SYNTAX

```
beectl activate_configuration
```

OPTIONS

This command has no options

EXAMPLES

```
beectl activate_configuration
```

add_assigned_role

Creates an AssignedRole entity.

SYNTAX

```
beectl add_assigned_role [--scope <unique identifier of the Scope>] --name <name
of AssignedRole> [--description <description>] --assigned_scope <assigned_unique
identifier of the Scope> --role_definition <unique identifier of the
RoleDefinition> [--accessor <unique identifier of an Accessor>]...
```

OPTIONS**--scope**

Specify the unique identifier of the Scope in which the AssignedRole should be created.

--name

Specify the name of the AssignedRole.

--description

Specify a description for the AssignedRole.

--assigned_scope

Specify the unique identifier of an assigned Scope for the AssignedRole.

--role_definition

Specify the unique identifier of an assigned RoleDefinition for the AssignedRole.

--accessor

Specify the unique identifier of an Accessor to add to the AssignedRole. This option can be specified more than once.

EXAMPLES

```
beectl add_assigned_role --scope
wkspace=MyWorkspace, enpr=MyEnterprise --name MyAssignedRole
--assigned_scope wkspace=MyWorkspace, enpr=MyEnterprise --role_
definition
acrd=MyRoleDefinition, wkspace=MyWorkspace, enpr=MyEnterprise
```

add_attendant

Adds an auto attendant or copies an existing one under a new name. When copying any prompts will also be copied.

SYNTAX

```
beectl add_attendant { --file <AAML file> | --name <new name> --copy_from  
<existing attendant> }
```

OPTIONS**--file**

An auto-attendant markup language file describing the attendant to be added. When specified, name and copy_from must be specified.

--name

Name to be given to copied attendant. When specified, copy_from must also be specified and file must not be specified

--copy_from

Name of attendant to copy. When specified, copy_from must also be specified and file must not be specified

EXAMPLES

```
beectl add_attendant --file example.aaml
```

```
beectl add_attendant --name copiedAttendant --copy_from  
someAttendant
```

add_audit_policy

Creates an audit policy from the XML file information

SYNTAX

```
beectl add_audit_policy --file <Full path of the input file>
```

OPTIONS**--file**

Full path name of the input XML file

EXAMPLES

```
beectl add_audit_policy --file /tmp/policy_ex.xml
```

add_audit_trail

Creates an audit trail from the search result generated using the XML file

SYNTAX

```
beectl add_audit_trail --file <Full path of the input file>
```

OPTIONS

--file

Full path name of the input XML file

EXAMPLES

```
beectl add_audit_trail --file /tmp/trail_ex.xml
```

add_blocked_device

Creates a blocked device. The system object identifier of the resulting object needs to be added to the 'DeviceManagementService' system object, using `modify_property` command, to block this device from accessing Beehive Mobile Services.

SYNTAX

```
beectl add_blocked_device --device <deviceid> [--description <description>]
```

OPTIONS

--device

Specify the local device identifier.

--description

Describe why the device is being blocked.

EXAMPLES

```
beectl add_blocked_device --device 981214
```

add_category

Creates a category at the enterprise scope

SYNTAX

```
beectl add_category --file <Full path of the category XML file>
```

OPTIONS

--file

Full path name of the XML file. The file must contain the properly formatted data to create the category

EXAMPLES

```
beectl add_category --file /tmp/category.xml
```

add_category_application

Applies a category on a given entity

SYNTAX

```
beectl add_category_application --category <Identifier of the category to be applied> -- entity <Identifier of the entity to which the category needs to be applied>
```

OPTIONS**--category**

Specify the identifier of the category.

--entity

Specify the identifier of an Oracle Beehive entity to which the category needs to be applied.

EXAMPLES

```
beectl add_category_application --category
catg=MyCategory,enpr=MyEnterprise --entity
adoc=MyDocument, fldr=MyFolder, wksp=MyWorkspace, enpr=MyEnterprise
```

add_category_configuration

Creates a category configuration on the given scope or heterogenous folder.

SYNTAX

```
beectl add_category_configuration --container <Configuration scope or heterogenous folder> --file <Full path of the configuration XML file>
```

OPTIONS**--container**

Scope or heterogenous folder on which the category configuration should be defined.

--file

Full path of the category configuration XML file. The file must contain properly formatted data.

EXAMPLES

```
beectl add_category_configuration --container
orgn=MyOrganization,enpr=MyEnterprise --file
/tmp/configuration.xml
```

add_client_application_configuration

Creates a client application configuration object from a supplied input file. The resulting object will be used for client application provisioning.

SYNTAX

```
beectl add_client_application_configuration --file <path to the XML file>
```

OPTIONS

--file

Specify the full path and name of the XML input file. The file should contain information about how to create a client application configuration.

EXAMPLES

```
beectl add_client_application_configuration --file
/tmp/app-config.xml
```

add_client_application_provisioning

Provisions client applications to a community.

SYNTAX

```
beectl add_client_application_provisioning --community <community identifier>
{--configuration <client application configuration identifier>... | --all |
--application <Identifier of the client application> | --application_version
<Identifier of the client application version>}
```

OPTIONS

--community

Specify the identifier of the community.

--configuration

Specify the identifier of the client application configuration. This option can be specified more than once.

--all

Specify this option to provision the latest binaries (latest version and latest patchset) of all client applications to this community.

--application

Specify this option to provision the specified application to this community. This would make the latest binaries (latest version and latest patchset) to be available to the members of the provisioned community.

--application_version

Specify this option to provision the specified version to this community. This would make the latest patchset in the specified version to be available to the members of the provisioned community.

EXAMPLES

```
beectl add_client_application_provisioning --community
enpr=myEnterprise --configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434
--configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434
```

```
beectl add_client_application_provisioning --community
enpr=myEnterprise --all

beectl add_client_application_provisioning --community
enpr=myEnterprise --application
21EC:0AE5:capn:406E6CD925A8F087E040578C921636E5000000000979

beectl add_client_application_provisioning --community
enpr=myEnterprise --application_version
21EC:0AE5:capv:406E6CD925A8F087E040578C921636E5000000000979
```

add_coexistence_system

Creates a new coexisting remote system.

SYNTAX

```
beectl add_coexistence_system --name <name> --product_name <product_name> [--url
<url>|--host_name <host_name> --port <port_number> {--use_http|--use_https}]
--partnership_key [--timezone_alias_namespace <timezone_alias_namespace>]
```

OPTIONS

--name

Specify the name of the coexisting remote system.

--product_name

Specify the product name of the coexisting remote system. Supported product are EXCHANGE and DOMINO.

--url

Specify the URL of the coexisting remote system.

--use_http

Specify that "HTTP" MUST be used for the coexisting remote system.

--use_https

Specify that "HTTPS" MUST be used for the coexisting remote system.

--host_name

Specify the host name of the coexisting remote system.

--port

Specify the port number used by the coexisting remote system.

--partnership_key

Specify the partnership key of the coexisting remote system.

--timezone_alias_namespace

Specify the timezone alias namespace used by the coexisting remote system.

EXAMPLES

```
beectl add_coexistence_system --name ex-101 --product_name
exchange --url https://example.com:7777 --partnership_key

beectl add_coexistence_system --name do-202 --product_name
domino --use_https --host_name example.com --port 7777
--partnership_key
```

add_conference

Creates conference artifact under workspace

SYNTAX

```
beectl add_conference --parent <Workspace identifier> --name <Conference name>
--template <Conference identifier>
```

OPTIONS**--parent**

Workspace identifier

--name

Conference name

--template

Conference identifier

EXAMPLES

```
beectl add_conference --parent
wkspace=MyWorkspace, enpr=MyEnterprise --name MyConference
--template owct=MyTemplate, wkspace=MyWorkspace, enpr=MyEnterprise
```

add_conference_template

Creates conference-template artifact under workspace

SYNTAX

```
beectl add_conference_template --parent <Workspace identifier> --name <Conference
name> --model <Conference or conference template identifier> --settings-xml-file
<Conference settings XML file>
```

OPTIONS**--parent**

Workspace identifier

--name

Conference name

--model

Conference identifier

--settings-xml-file

Conference settings XML file

EXAMPLES

```
beectl add_conference_template --parent
wkspace=MyWorkspace,enpr=MyEnterprise --name Template_from_template
--model owct=MyTemplate,wkspace=MyWorkspace,enpr=MyEnterprise

beectl add_conference_template --parent
wkspace=MyWorkspace,enpr=MyEnterprise --name Template_from_xmlfile
--settings-xml-file /tmp/default_settings.xml sample settings
file: <settings> <roles> <role> <name>Guests</name> <accessors>
<accessor_
id>2FD3:6B7D:user:42B3D7467840404AA8ABF34BAE421CC5000000000000</
accessor_id> </accessors> <properties> <property>
<name>chat.can_enable</name> <value>
<permission>GRANTED</permission> </value> </property>
</properties> </role> </roles> </settings>
```

add_custom_user_property

The add_custom_user_property command adds custom user properties.

SYNTAX

```
beectl add_custom_user_property --name <property_name> --type <property_type> [
--description <description> ]
```

OPTIONS**--name**

Name of the custom property

--type

Type of the property. Supported types are BOOLEAN, COLLABID, DATETIME, DOUBLE, STRING.

--description

Description of the custom property.

EXAMPLES

```
beectl add_custom_user_property --name employeenumber --type
DOUBLE
```

add_device_command

Creates a device command for a given device.

SYNTAX

```
beectl add_device_command --device <identifier of the device> --action <device
command action>
```

OPTIONS**--device**

Specify the identifier of the device. Use list_devices command to determine the identifier of the device.

--action

Specify the action of the device command. The following are the valid command actions: UPLOADLOG UPLOADCONFIG CHECKUPDATE WIPEOUT .

EXAMPLES

```
beectl add_device_command --device
1234:5678:devi:2E0329B0705F0E40E040578C92160957000000000434
--action CHECKUPDATE
```

add_directory_profile

The add_directory_profile command adds a new directory profile.

SYNTAX

```
beectl add_directory_profile --file <filename> [ --no_validate ]
```

OPTIONS**--file**

XML file containing directory profile.

--no_validate

Skips the validation of profile against the directory server.

EXAMPLES

```
beectl add_directory_profile --file MyDirectoryProfile.xml
beectl add_directory_profile --file MyDirectoryProfile.xml --no_
validate
```

add_dmz_home_instance

Creates configuration for a Beehive installation in the DMZ that is, outside the firewall.

SYNTAX

```
beectl add_dmz_home_instance --hostname <hostname> --bti_unique_id <unique id for
BTI on this oracle home> --no_of_client_workers <number of client workers>
[--oracle_home <oracle home path>] [--opmn_request_port <OPMN request port>]
[--opmn_remote_port <OPMN remote port>] [--bti_server_port <BTI server port>]
```

```
[--instance_name <instance name>]
```

OPTIONS

--hostname

Host name of the machine.

--oracle_home

oracle home path.

--bti_unique_id

The site-wide unique identifier of BTI installed on the DMZ host. Please specify the value which is present in the oracle_home/bee hive/conf/bti.properties file on the DMZ host.

--no_of_client_workers

This is the number of MX processes in the DMZ midtier. The value of this parameter should be the value of "NumberOfClientWorkers" in \$OH/bee hive/conf/bti.properties in DMZ midtier.

--opmn_request_port

OPMN request port

--opmn_remote_port

OPMN remote port

--bti_server_port

The server port.

--instance_name

instance name of DMZ midtier

EXAMPLES

```
beectl add_dmz_home_instance --hostname dmzhost.example.com  
--bti_unique_id 813130873 --no_of_client_workers 4
```

add_email_endpoint

Add an email endpoint

SYNTAX

```
beectl add_email_endpoint --ep_name <endpoint name> --ep_protocol <IMAP|SMTP>  
--type <MX|MXS|TCP|BUS> --ep_address <port number|bus address>
```

OPTIONS

--ep_name

The email endpoint name

--ep_protocol

The email protocol (SMTP|IMAP)

--type

The email endpoint type (MX|MXS|TCP|BUS)

--ep_address

The endpoint address (port number|bus address)

EXAMPLES

```
beectl add_email_endpoint --ep_name IMAP SSL Endpoint --ep_
protocol IMAP --type MXS --ep_address 5993
```

add_event_subscription

Creates an event subscription using data in an XML file.

SYNTAX

```
beectl add_event_subscription --file <full path to the event subscription xml
file>
```

OPTIONS**--file**

Specify the absolute path of the XML file that contains data to create the event subscription.

EXAMPLES

```
beectl add_event_subscription --file
/private/xml/MyEventSubscription.xml
```

add_expertise_user_scope

The add_expertise_user_scope command adds new expertise user scope. The expertise user scope information is supplied in a XML file.

SYNTAX

```
beectl add_expertise_user_scope --file <filename>
```

OPTIONS**--file**

Filename of the XML file containing name, description, include_list and exclude_list.

EXAMPLES

```
beectl add_expertise_user_scope --file MyUserScope.xml
```

add_external_contact

The `add_external_contact` command adds new external contact.

SYNTAX

```
beectl add_external_contact --family_name <[locale:]family name> [
--family_name <[locale:]family name> ... ] [ --scope <identifier of contacts
parent> ] [ --given_name <[locale:]given name> ... ] [ --display_name
<[locale:]display name> ... ] [ --middle_name <[locale:]middle name> ... ]
[ --job_title <[locale:]job title> ... ] [ --prefix <[locale:]prefix> ... ]
[ --suffix <[locale:]suffix> ... ] [ --nick_name <[locale:]nick name> ... ]
[ --office_location <office location of the contact> ] [ --company <company of
the contact> ] [ --profession <profession of the contact> ] [ --timezone
<timezone of the contact> ] [ --locale <locale of the contact> ] [
--department <department of the contact> ] [ --organization <organization
identifier> ... ] [ --property
<name(assistant|certificate|notes)=value=description> ... ] [ --address <type
of address(business_1|other_5|personal_4|proxy_1|...):scheme(im|mailto|...):value>
... ] [ --default_address_for_type <type of address(business_1|other_
5|personal_4|proxy_1|...):scheme(im|mailto|...):value> ... ] [ --default_
address_for_scheme <type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ] [ --primary_address <type of
address(business_1|other_5|personal_4|proxy_1|...):scheme(im|mailto|...):value> ]
```

OPTIONS

--family_name

Family name of the contact in the format: `value` or `locale:value`. If only `value` is specified, the assumed value of locale is `en_US`. Example of locales are `en`, `en_US`, `en_CA`, `zh_CN`, `fr_FR`, `ja_JP`, etc.

--scope

Identifier of the enterprise under which this contact will be created.

--given_name

Given name of the contact in the format: `value` or `locale:value`. If only `value` is specified, the assumed value of locale is `en_US`. Example of locales are `en`, `en_US`, `en_CA`, `zh_CN`, `fr_FR`, `ja_JP`, etc.

--display_name

Display name of the contact in the format: `value` or `locale:value`. If only `value` is specified, the assumed value of locale is `en_US`. Example of locales are `en`, `en_US`, `en_CA`, `zh_CN`, `fr_FR`, `ja_JP`, etc.

--middle_name

Middle name of the contact in the format: `value` or `locale:value`. If only `value` is specified, the assumed value of locale is `en_US`. Example of locales are `en`, `en_US`, `en_CA`, `zh_CN`, `fr_FR`, `ja_JP`, etc.

--job_title

Job title of the contact in the format: `value` or `locale:value`. If only `value` is specified, the assumed value of locale is `en_US`. Example of locales are `en`, `en_US`, `en_CA`, `zh_CN`, `fr_FR`, `ja_JP`, etc.

--prefix

Prefix of the contact in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--suffix

Suffix of the contact in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--nick_name

Nick name of the contact in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--office_location

Office location of the contact.

--company

Company of the contact.

--profession

Profession of the contact.

--timezone

Timezone of the contact. list_timezones lists the valid timezones

--locale

Locale details of the contact. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--department

Department of the contact.

--organization

Identifiers of the organizations the contact belongs to.

--property

Details of the property in the format name=value=description. Supported names are certificate, assistant and notes. Note, no equals to symbol(=) should be present in the name or value or description.

--address

Address of the contact in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytttd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at

least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_type

Address of the contact in the format type:scheme:value. Sets the specified address as the default for the specified type. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_scheme

Address of the contact in the format type:scheme:value. Sets the specified address as the default for the specified scheme. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--primary_address

Primary address of the contact in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

EXAMPLES

```
beectl add_external_contact --family_name Contact1FamilyName
--scope enpr=example
```

```
beectl add_external_contact --family_name Contact1FamilyName
--given_name Contact1GivenName --display_name "Contact1
GivenName" --organization orgn=contact1orgn,enpr=contact1enpr
```

```
beectl add_external_contact --family_name Contact1FamilyName
--scope enpr=example --address BUSINESS_
1:mailto:contact1@example.com --address BUSINESS_2:fax:121345222
```

```
beectl add_external_contact --family_name Contact1FamilyName
--scope enpr=example --property prop1:prop1Value
```


add_feed_configuration

The add_feed_configuration command adds new feed configurations.

SYNTAX

```
beectl add_feed_configuration {          --name <name >          --scope <scope
identifier>          --feedtype <feed type >          --title <title >
--description <description >          [--image <image >]          [--language
<language >]          [--copyright <copyright>]          [--webmaster <webmaster>]
}
```

OPTIONS

--name

Name of the feed configuration.

--scope

Scope in which the feed configuration will be created

--feedtype

Feed type of the feed configuration. Permitted values are ANNOUNCEMENT, FORUM, FOLDER, LABEL, RECENT, TOPIC and VERSION.

--title

Title associated the feed configuration

--description

Description associated the feed configuration

--image

Image associated with this feed configuration

--language

Language associated with the feed configuration

--copyright

Copyright associated with the feed configuration

--webmaster

Webmaster associated with the feed configuration

EXAMPLES

```
beectl add_feed_configuration --name FeedConfigName --scope
enpr=example --feedtype RECENT --title MyFeedConfiguration
--description This is my feed configuration.
```

```
beectl add_feed_configuration --name MyWorkspaces --scope
enpr=example --feedtype RECENT --title
WorkspaceFeedConfiguration --description This is a recent
workpsace feed. --image WorkspaceLogo.gif --language en
```

add_filesystem_reference

Creates a reference in Beehive to a directory on the filesystem.

SYNTAX

```
beectl add_filesystem_reference --name <Filesystem reference name> --filesystem_path <Server path> --read_only <true or false>
```

OPTIONS

--name

Name to give to this filesystem reference.

--filesystem_path

Fully-qualified path on the filesystem to which this reference should point.

--read_only

Whether the referenced filesystem directory should be treated as read-only by Beehive.

EXAMPLES

```
beectl add_filesystem_reference --name MyFilesystemReference --filesystem_path /usr/local/bin --read_only true
```

add_group

The add_group command adds new groups. The group information is supplied in an XML file.

SYNTAX

```
beectl add_group --file <filename> [ --ldapbootstrap ]
```

OPTIONS

--file

Filename of the XML file containing group definition.

--ldapbootstrap

LDAP bootstrap flag. If this flag is specified, then uds groups will be created with directory locator and directory id. This is relevant only when --file option is used.

EXAMPLES

```
beectl add_group --file MyGroup.xml
```

```
beectl add_group --file MyGroup.xml --ldapbootstrap
```

add_ischedule_server

Add a remote iSchedule Server configuration.

SYNTAX

```
beectl add_ischedule_server --name <name> --domain_regexp <regexp> --outgoing_url
<remote_url> [--outgoing_auth_id <auth_id>] [--outgoing_auth_key <auth_key>]
[--incoming_auth_id <auth_id>] [--incoming_auth_key <auth_key>] [--incoming_allow_
ip_regexp <regexp>] [--incoming_allow_host_regexp <regexp>]
```

OPTIONS

--name

Name of the remote server configuration, can contain only alpha numerical characters, underscores and dashes.

--domain_regexp

Regular expression that must match the remote user's email address.

--outgoing_url

Address of the remote iSchedule server.

--outgoing_auth_id

Authentication ID that must be used when connecting to the remote server.

--outgoing_auth_key

Key that must be used when connecting to the remote server.

--incoming_auth_id

Authentication ID that the remote server must use when connecting to the Oracle Beehive server.

--incoming_auth_key

Key that the remote server must use when connecting to the Oracle Beehive server.

--incoming_allow_ip_regexp

IP Addresses connecting to the Oracle Beehive server must match this regular expression

--incoming_allow_host_regexp

Host names connecting to the Oracle Beehive server must match this regular expression

EXAMPLES

```
beectl add_ischedule_server --name remoteserver --domain_regexp
".*@example.com" --outgoing_url
http://remoteserver@example.com/ischedule
```

add_local_ace

Adds an Access Control Entry (ACE) to an entity's Local Access Control List (LACL).

SYNTAX

```
beectl add_local_ace --entity <unique identifier of the entity> --accessor <unique identifier of the Accessor> [--access_types <access types string>]
```

OPTIONS

--entity

Specify the unique identifier of the entity to which the ACE will be added.

--accessor

Specify the Accessor to whom the access types will apply.

--access_types

Specify the access types string for the Accessor.

EXAMPLES

```
beectl add_local_ace --entity
adoc=MyDocument, wksp=MyWorkspace, enpr=MyEnterprise --accessor
user=MyUser --access_types +RW-D
```

add_organization

Creates an organization in the given scope

SYNTAX

```
beectl add_organization --name <Organization name> --scope <Identifier of
enterprise or organization>
```

OPTIONS

--name

Name of the organization

--scope

Identifier of the parent scope (enterprise or organization)

EXAMPLES

```
beectl add_organization --name Sample_organization --scope
enpr=test_org
```

add_policy

Creates a policy using data in an XML file.

SYNTAX

```
beectl add_policy --file <full path to the policy xml file>
```

OPTIONS**--file**

Specify the absolute path of the XML file that contains the policy data.

EXAMPLES

```
beectl add_policy --file /private/xml/MyPolicy.xml
```

add_policy_schema

Creates a policy schema using data in an XML file.

SYNTAX

```
beectl add_policy_schema --file <full path to the policy schema xml file>
```

OPTIONS**--file**

Specify the absolute path of the XML file that contains the policy schema data.

EXAMPLES

```
beectl add_policy_schema --file /private/xml/MyPolicySchema.xml
```

add_policy_template

Creates a policy template using data in an XML file.

SYNTAX

```
beectl add_policy_template --file <full path to the policy template xml file>
```

OPTIONS**--file**

Specify the absolute path of the XML file that contains the policy template data.

EXAMPLES

```
beectl add_policy_template --file  
/private/xml/MyPolicyTemplate.xml
```

add_preference_profile

The `add_preference_profile` command adds a new preference profile and associates it with a consumer. There can be only one preference profile for a consumer.

SYNTAX

```
beectl add_preference_profile --consumer <identifier> --name <profile-name> [
--description <description> ]
```

OPTIONS**--consumer**

Identifier of the consumer

--name

Name of the preference profile to be created.

--description

Description of preference profile.

EXAMPLES

```
beectl add_preference_profile --consumer user=user1 --name
MyProfile
```

add_preference_property

The `add_preference_property` command adds a new preference property to a preference set.

Supported types are :

IDENTIFIABLE

IDENTIFIABLE_LIST

STRING

STRING_LIST

INTEGER

INTEGER_LIST

BOOLEAN

BOOLEAN_LIST

DATE

DATE_LIST

URI

URI_LIST

FLOAT

FLOAT_LIST

SYNTAX

```
beectl add_preference_property --set <identifier> --name <property-name> --type
<string | date | ... | identifiable> [ --value <property-value> ] [ --file
<file-name> ] [ --final ]
```

OPTIONS**--set**

Identifier of the preference set specified in id format, which can be determined by running `list_preference_sets` command with "`--entity_format id`" option.

--name

Name of the preference property.

--type

Type of preference property.

--value

Value of preference property.

--file

File name for business hours type preference property.

--final

Whether the preference property be overridden in extended property.

EXAMPLES

```
beectl add_preference_property --set prfs=set1,user=user1 --name
MyProperty --type integer --value 100 --final
```

```
beectl add_preference_property --set prfs=set1,user=user1 --name
MyProperty --type integer_list --value 100 --value 200 --value
300 --final
```

add_preference_set

The `add_preference_set` command adds a preference set to a preference profile.

SYNTAX

```
beectl add_preference_set --parent <preference-profile-identifier> --name
<preference-set-name> [ --extends <preference-set-identifier> ]
```

OPTIONS**--parent**

Identifier of the preference profile to which the preference set is added.

--name

Name of the preference set.

--extends

Identifier of the preference set from which the new preference set is extended.

EXAMPLES

```
beectl add_preference_set --parent prfp=MyProfile,user=user1
--name MyPreferenceSet
```

add_record

Adds a record or non-record.

SYNTAX

```
beectl add_record --artifact <identifier of the artifact to be filed as a record
or non-record> { --retention_category <identifier of the URM retention category> |
--record_folder <identifier of the URM record folder> } [ --no_retention <boolean
specifying a record or non-record> ]
```

OPTIONS**--artifact**

identifier of the artifact to be filed as a record or non-record

--retention_category

identifier of the URM retention category

--record_folder

identifier of the URM record folder

--no_retention

boolean specifying a record or non-record

EXAMPLES

```
beectl add_record --artifact myArtifact --retention_category
myRetentionCategory --no_retention
```

add_remote_repository

Adds a remote repository.

SYNTAX

```
beectl add_remote_repository --file <Pathname to the remote repository file.>
```

OPTIONS**--file**

Pathname to the remote repository file.

EXAMPLES

```
beectl add_remote_repository --file myRemoteRepositoryFile
```


add_remote_share

Adds a remote repository share.

SYNTAX

```
beectl add_remote_share --file <Pathname to the remote share file.>
```

OPTIONS

--file

Pathname to the remote share file.

EXAMPLES

```
beectl add_remote_share --file myRemoteShareFile
```

add_resource

Creates a new resource.

SYNTAX

```
beectl add_resource --name <name> --email_address <email address> --resource_type
<type>          [--scope <organization>] [--capacity <capacity>] [--identifier
<identifier>]      [--phone_number <phone_number>] [--website <website>]
[--postal_address <postal address>]      [--timezone <timezone name>]
[--location <location>] [--add_approver <approverid>]      [--description
<description>] [--booking_info <booking info>]      [--booking_characteristics
<[O]pen>|<[F]CFS>] [--custom_processing <[T]rue>|<[F]alse>]      [--accessible_
by <everyone | nobody | groupid | userid> ]      beectl add_resource --external
--name <name> --email_address <email address> --resource_type <type>
[--scope <organization>] [--capacity <capacity>]      [--phone_number <phone_
number>] [--website <website>] [--postal_address <postal address>]
[--timezone <timezone name>] [--location <location>] [--booking_info <booking
info>]      [--description <description>]
```

OPTIONS

--name

Define the unique name of the resource.

--enterprise

Deprecated option. Use --scope instead.

--resource_type

Specify the type of the resource. Specify "E", "Equipment", "O", "Other", "R" or "Room", case insensitive.

--bookableresource_type

Deprecated option. Use --resource_type instead.

--email_address

Specify the BUSINESS_1 e-mail address of the resource.

--phone_number

Specify the BUSINESS_1 phone number of the resource.

--website

Specify the BUSINESS_1 web site of the resource.

--postal_address

Specify the BUSINESS_1 postal address of the resource. The required format is: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country>. All fields are optional but at least one field must appear in a valid address of this type. For example, orapostal:l1=1, Main Street is a valid address. The ? character must not be encoded when used as a separator; it must be encoded in all other cases. For example orapostal:l1=1?l2=Which Street%3F?code=12345 is a valid address; but orapostal:l1=1?l2=Which Street??code=12345 is not a valid address because the question mark appearing as part of the address "Which Street?" is not encoded.

--identifier

Specify the identifier of the resource. The identifier can be used as an alternative to the name: such as a room or serial number.

--capacity

Specify the capacity of the resource.

--external

Create the resource as an external resource. If this option is not specified, a BookableResource will be created.

--add_approver

Resource approver to add.

--booking_characteristics

Specify resource default calendar booking characteristic. Specify [O] for Open or [F] for First Come First Serve, case insensitive.

--booking_info

Specify resource booking information. It must be a xHTML string.

--description

Specify the description of the resource. It must be a xHTML string.

--timezone

Specify the timezone of the resource.

--location

Specify the location description of the resource. It must be a xHTML string.

--scope

Specify the enterprise or organization under which this resource will be created. Will default to the current enterprise.

--custom_processing

Specify if this resource requires custom processing. Specify "T", "True", "F" or "False", case insensitive.

--accessible_by

Specify who can access this resource. It must be one of "everyone", "nobody", a group id or finally a user id, case insensitive. Use "everyone" to reset the accessibility to the default for the resource.

EXAMPLES

```
beectl add_resource --name "Resource1" --email_address
resource1@example.com --resource_type "room" --identifier
"us:OP200:20P74" --capacity 8 --timezone "America/Los_Angeles"
```

add_role_definition

Creates a RoleDefinition entity.

SYNTAX

```
beectl add_role_definition [--scope <unique identifier of the Scope>] --name <name
of RoleDefinition> [--description <description>] [--privilege <privilege
name>]...] [--access_types <access types string>] [--always_enabled <boolean
value>]
```

OPTIONS**--scope**

Specify the unique identifier of the Scope in which the RoleDefinition should be created.

--name

Specify the name of the RoleDefinition.

--description

Specify a description for the RoleDefinition.

--privilege

G">Workspace name</optich will be granted by the RoleDefinition. This option can be specified more than once.

--access_types

Specify the access types string for the RoleDefinition.

--always_enabled

Specify this option to mark the RoleDefinition as always enabled.

EXAMPLES

```
beectl add_role_definition --scope
wksp=MyWorkspace,enpr=MyEnterprise --name MyRoleDefinition
```

add_search_recovery_scope

Recovers the search index for Entities of the specified types, in the specified Scope, and which were last modified between the specified dates.

SYNTAX

```
beectl add_search_recovery_scope --scope <Recover the search index for this
scope.> [--entity_type <Recover search index for this entities of this type.>]
[--start_date <Recover search index for entities modified on or after this date.
If not specified, 30 days before the present will be used as the start date.>]
[--end_date <Recover search index for entities modified before or on this date.
If not specified, the present will be used as the end date.>]
```

OPTIONS

--scope

Recover the search index for this scope.

--entity_type

Recover search index for this entities of this type.

--start_date

Recover search index for entities modified on or after this date. If not specified, 30 days before the present will be used as the start date.

--end_date

Recover search index for entities modified before or on this date. If not specified, the present will be used as the end date.

EXAMPLES

```
beectl add_search_recovery_scope --scope
1CF3:35AF:orgn:6828B43CD3944E06A5CD425F0225CF2500000000004C
--entity_type adoc --entity_type emsg --start_date
2008-07-10T00:00:00 --end_date 2010-04-21T00:00:00
```

add_sensitivity

Creates a Sensitivity entity.

SYNTAX

```
beectl add_sensitivity --workspace <unique identifier of the Workspace> --name
<name of Sensitivity> [--description <description>] [--sensitivity_only <boolean
value>] [--delegatable <boolean value>]
```

OPTIONS

--workspace

Specify the unique identifier of the Workspace in which the Sensitivity should be created.

--name

Specify the name of the Sensitivity.

--description

Specify a description for the Sensitivity.

--sensitivity_only

Specify the SensitivityOnly option for the Sensitivity.

--delegatable

Specify the Delegatable option for the Sensitivity.

EXAMPLES

```
beectl add_sensitivity --workspace
wkspace=MyWorkspace,enpr=MyEnterprise --name MySensitivity
```

add_sensitivity_ace

Adds an Access Control Entry (ACE) to a Sensitivity entity's Sensitivity ACL (SACL).

SYNTAX

```
beectl add_sensitivity_ace --sensitivity <unique identifier of the entity>
--accessor <unique identifier of the Accessor> [--access_types <access types
string>]
```

OPTIONS**--sensitivity**

Specify the unique identifier of the Sensitivity to which the ACE will be added.

--accessor

Specify the unique identifier of an Accessor to whom the access types will apply.

--access_types

Specify the access types string for the Accessor.

EXAMPLES

```
beectl add_sensitivity_ace --sensitivity
acsn=MySensitivity,wkspace=MyWorkspace,enpr=MyEnterprise --accessor
user=MyUser --access_types +RW-D
```

add_team_workspace

Creates a team workspace from a template

SYNTAX

```
beectl add_team_workspace --name <Workspace name> --scope <Identifier of
enterprise or organization> [--template <Workspace template identifier>] [--file
<Full path of the input file>] [--email_address <Team workspace email address>]
[--description <Description>][--participation_mode <Team workspace participation
```

mode. Value can be INVITE_ONLY, OPEN, or APPROVE_REQUIRED>] [--directory_listed <TRUE|FALSE. Default value is FALSE>] [--hard_quota <Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota> --soft_quota <Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--public_access_role <Role definition identifier for public access>]

OPTIONS

--name

Workspace name

--scope

Identifier of enterprise or organization

--template

Workspace template identifier

--file

Full path of the input file

--email_address

Team workspace email address

--description

Description

--participation_mode

Team workspace participation mode. Value can be INVITE_ONLY, OPEN, or APPROVE_REQUIRED

--directory_listed

TRUE | FALSE. Default value is FALSE

--hard_quota

Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--soft_quota

Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--public_access_role

Role definition identifier for public access. If not specified, the team workspace to create is not for public access

EXAMPLES

```
beectl add_team_workspace --scope enpr=test_enterprise --name
My_Team_worksapce --hard_quota UNLIMITED --soft_quota 100
```

```
beectl add_team_workspace --scope orgn=test_org,enpr=test_
enterprise --template wstp=test_team_ws_template,enpr=test_
enterprise --file /tmp/input.xml --hard_quota 1000 --soft_quota
100 --email_address teamworkspace@company.com
```

add_team_workspace_template_application

Transforms the given team workspace to conform to the given team workspace template

SYNTAX

```
beectl add_team_workspace_template_application --template <Workspace template
identifier> --workspace <Workspace identifier> --file <Full path of the template
file>
```

OPTIONS

--template

Workspace template identifier

--workspace

Workspace identifier

--file

Full path of the input file

EXAMPLES

```
beectl add_team_workspace_template_application --template
wstp=test_team_ws_template,enpr=test_enterprise --workspace
wksp=test_team_ws,enpr=test_enterprise --file /tmp/template_
variable_values.xml
```

add_team_workspace_template_evolution

Applies the latest snapshot of the given team workspace template to all the team workspaces to which the template was applied earlier

SYNTAX

```
beectl add_team_workspace_template_evolution --template <Workspace template
identifier> --limit <Maximum number of workspaces to upgrade> --file <Full path of
the template file>
```

OPTIONS

--template

Workspace template identifier

--limit

Maximum number of workspaces to upgrade

--file

Full path of the input file

EXAMPLES

```
beectl add_team_workspace_template_evolution --template
wstp=test_team_ws_template,enpr=test_enterprise --limit 100
--file /tmp/template_variable_values_and_update_options.xml
```

add_trusted_identity

This command registers a trusted identity. There are two types of trusted identities: WSSEC and SES. Default type is WSSEC. For WSSEC type, please make sure that the service has a valid certificate registered in the wallet and the correct associated key alias is passed into this command. This command also creates the principal(s) associated with this trusted identity in the Beehive system. On the other hand, for SES type, this command stores the given trusted identity name and password information.

SYNTAX

```
beectl add_trusted_identity [--type WSSEC --is_service <boolean> [--key_alias
<Key Alias>] --service_name <Trusted Identity Name>] [--type S2S --password
<Trusted Identity Password> --service_name <Trusted Identity Name>] [--type SES
--name <Trusted Entity Name> --password <Trusted Entity Password>]
```

OPTIONS

--key_alias

The alias of the service which is used to register the certificate in the wallet. This option is mandatory if registering a web service, i.e. if `is_service` is true and type is WSSEC. For all other cases, this is not a mandatory option.

--is_service

Boolean value, true if this is a service. This option is mandatory if type is WSSEC.

--service_name

String value of the service principal name with which it will be identified in Beehive. This option is mandatory if type is WSSEC.

--type

String value indicating the type of trusted identity: SES or WSSEC. SES refers to Secure Enterprise Search. WSSEC refers to Web services security.

--name

String value representing the name of the SES trusted entity.

--password

Secure string value representing the password of the SES trusted entity.

EXAMPLES

add_urm

Configures an agent for a URM instance.

SYNTAX

```
beectl add_urm --rm_admin_name <RM Admin Name for the URM instance.> --rm_admin_
password <RM Admin Pass for the URM instance.> --urm_url <The URL for the URM
instance.> --rm_email_admin <Email Id of the RM administrator.> [ --disposition_
loader_interval <The Disposition Loader Interval for the URM instance.> ] [
--disposition_processor_interval <The Disposition Processor Interval for the URM
instance.> ] [ --agent_name <The Agent Name for the URM instance.> ]
```

OPTIONS**--rm_admin_name**

RM Admin Name for the URM instance.

--rm_admin_password

RM Admin Pass for the URM instance.

--urm_url

The URL for the URM instance.

--disposition_loader_interval

The Disposition Loader Interval for the URM instance.

--disposition_processor_interval

The Disposition Processor Interval for the URM instance.

--agent_name

The Agent Name for the URM instance.

--rm_email_admin

Email Id of the RM administrator.

EXAMPLES

```
beectl add_urm --rm_admin_name myRmAdminName --rm_admin_password
myRmAdminObfuscatedPassword --urm_url myUrmUrl --disposition_
loader_interval myDispositionLoaderInterval --disposition_
processor_interval myDispositionProcessorInterval --agent_name
myAgentName --rm_email_admin 2312:2525:user:25252AB25215515155
```

add_user

The add_user command adds new users. The user information is supplied either on command line or in an XML file.

SYNTAX

```
beectl add_user { --family_name <[locale:]family name> [
--family_name <[locale:]family name> ... ] --scope <identifier of users
parent> --login_id <login_id> --login_password <password> [
--given_name <[locale:]given name> ... ] [ --display_name <[locale:]display
name> ... ] [ --middle_name <[locale:]middle name> ... ] [ --job_title
<[locale:]job title> ... ] [ --prefix <[locale:]prefix> ... ] [
--suffix <[locale:]suffix> ... ] [ --nick_name <[locale:]nick name> ... ]
```

```

[ --office_location <office location of the user> ]          [ --company <company of
the user> ]          [ --profession <profession of the user> ]          [ --timezone
<timezone of the user> ]          [ --locale <locale of the user> ]          [
--department <department of the user> ]          [ --assistant <assistant
identifier> ]          [ --manager <manager identifier> ]          [ --organization
<organization identifier> ... ]          [ --voice_principal <voice devicenum> ]
[ --voice_pin <pin> ]          [ --property <name=value=description> ... ]          [
--protocol_principal <protocol principal> ]          [ --protocol_password <protocol
password> ]          [ --address <type of address(business_1|other_5|personal_
4|proxy_1|...):scheme(im|mailto|...):value> ... ]          [ --default_address_for_
type <type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ]          [ --default_address_for_scheme
<type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ]          [ --primary_address <type of
address(business_1|other_5|personal_4|proxy_1|...):scheme(im|mailto|...):value> ]
[ --external_inbox <true|false> ]          [ --extended_enterprise_user <true|false>
]          |          --file <filename> }

```

OPTIONS

--family_name

Family name of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--scope

Identifier of the enterprise or organization under which this user will be created.

--given_name

Given name of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--display_name

Display name of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--middle_name

Middle name of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--job_title

Job title of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--prefix

Prefix of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--suffix

Suffix of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--nick_name

Nick name of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--office_location

Office location of the user.

--company

Company of the user.

--profession

Profession of the user.

--timezone

Timezone of the user. list_timezones lists the valid timezones

--locale

Locale details of the user. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--department

Department of the user.

--assistant

Identifier of the assistant.

--manager

Identifier of the manager.

--organization

Identifiers of the organizations the user belongs to.

--property

Details of the property in the format name=value=description. Any custom property can be used. Note, no equals to symbol(=) should be present in the name or value or description.

--address

Address of the user in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at

least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_type

Address of the user in the format type:scheme:value. Sets the specified address as the default for the specified type. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_scheme

Address of the user in the format type:scheme:value. Sets the specified address as the default for the specified scheme. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--primary_address

Primary address of the user in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--login_id

The login credentials of the user.

--login_password

Login password.

--voice_principal

Voice principal of the user.

--voice_pin

Pin number for the voice device.

--protocol_principal

Protocol principal of the user.

--protocol_password

Protocol password.

--file

Name of the file, which contains user information in XML format.

--external_inbox

Boolean if user's inbox is external or not.

--extended_enterprise_user

Boolean if user is an external user or not.

EXAMPLES

```
beectl add_user --family_name User1FamilyName --login_id
user@example.com --login_password hioquery731419== --scope
enpr=example --obfuscated
```

```
beectl add_user --family_name User1FamilyName --login_id
user@example.com --login_password hioquery731419== --scope
enpr=example --given_name User1GivenName --display_name "User1
Name" --organization orgn=beehive1,enpr=oracle1 --obfuscated
```

```
beectl add_user --family_name User1FamilyName --login_id
user@example.com --login_password hioquery731419== --scope
enpr=example --address BUSINESS_1:mailto:example@example.com
--address BUSINESS_2:fax:121345222 --obfuscated
```

```
beectl add_user --family_name User1FamilyName --login_id
user@example.com --login_password hioquery731419== --scope
enpr=example --property notes=xxx --obfuscated
```

```
beectl add_user --family_name User1FamilyName --login_id
user@example.com --login_password hioquery731419== --scope
enpr=example --extended_enterprise_user true --obfuscated
```

```
beectl add_user --file Users.xml
```

add_user_subscription

Creates a user subscription from a pre-defined rule in a subscription template.

SYNTAX

```
beectl add_user_subscription --source_entity_class <sourceEntityClass of template>
--rule <rule name> --attach <identifier of attached entity> --subscriber
<identifier of subscriber>
```

OPTIONS

--source_entity_class

Specify the name of the source entity Class that is defined in subscription template.

--rule

"multiline"> <message fined rule or the rule statement. The format of rule statement is:
RULE_STATEMENT:CONDITION:attribute1=value1,attribute2=value2,
...attribute=value,ACTION:attribute1=value1,attribute2=value2, ...attribute=value

--attach

Specify the Identifier of the entity to which the subscription is attached.

--subscriber

Specify the identifier of the subscriber who owns the subscription.

--name

Specify the name of the subscription to be created.

EXAMPLES

```
beectl add_user_subscription --source_entity_class Invitation
--attach
5457:7954:clnd:5B5DB5E3F6652295E040578C92165D03000000006740
--subscriber user=user1 --rule NOTIFY_ON_ANY_UPDATED_INVITATION
```

```
beectl add_user_subscription --source_entity_class Message
--attach
5457:7954:wspr:5B5DB5E3F6652295E040578C92165D03000000000456
--subscriber user=user1 --name MyServerSideRule_1 --rule RULE_
STATEMENT:CONDITION:created_any_from_contains=beehive,created_
any_subject_contains=build,ACTION:move_
to=5457:7954:afrh:5B5DB5E3F6652295E040578C92165D03000000000440,f
orward_to=test.user@oracle.com
```

add_version_configuration

Creates a version configuration on the given scope or heterogenous folder.

SYNTAX

```
beectl add_version_configuration --container <Configuration scope or heterogenous
folder> --file <Full path of the configuration XML file>
```

OPTIONS

--container

Scope or heterogenous folder on which the version configuration should be defined.

--file

Full path of the version configuration XML file. The file must contain properly formatted data.

EXAMPLES

```
beectl add_version_configuration --container
orgn=MyOrganization,enpr=MyEnterprise --file
/tmp/configuration.xml
```

add_virus_scan_engine

Adds a new virus scan engine to the collection of engines configured for the Site. If this is the first scan engine being added, this command will create a new collection for the Site and add the virus scan engine to it.

SYNTAX

```
beectl add_virus_scan_engine [ --hostname <scanengine_hostname> ] [ --port
<scanengine_port> ] [ --validate_connection <true/false> ]
```

OPTIONS**--hostname**

Name of the host where the virus scan engine is installed. Default is localhost.

--port

Port number used by the virus scan engine for communication with its clients. Default is 1344.

--validate_connection

Indicates if the connection to the virus scan engine needs to be validated.

EXAMPLES

```
<beectl add_virus_scan_engine --hostname
scanenginehost.example.com --port 1344 --validate_connection
true>
```

add_voice_facility

Creates a voice facility by associating phone rules with an already created group. The command may be run multiple times and each new execution will append new rules to existing rules for a given group collabid.

SYNTAX

```
beectl add_voice_facility --group_collabid <collabid> [--include <phone rules>]
[--exclude <phone rules>]
```

OPTIONS

--group_collabid

The collabid of the group to associate with the given phone number rules.

--include

The collection of phone number rules to describe what phone numbers to include in the given facility. The rules are delimited by pipes.

--exclude

The collection of phone number rules to describe what phone numbers to EXCLUDE in the given facility. The rules are delimited by pipes.

EXAMPLES

```
beectl add_voice_facility --group_collabid
grup=GroupName, enpr=MyEnterprise --include
1312???????|1713??????? --exclude 13129???????|17139???????
```

append_value

Appends the specified value to the existing value of the named property. If the named property value is cleared before executing this command, then after executing this command it will contain the new value.

Note :- Option value should not start with hyphen(-). If an option value starts with hyphen, use any one of the following syntaxes. 1. Use <option-name>=<option value> format. This is the preferred way to specify the option values starting with hypens. 2. Prepend the option value with string "ESCAPE:". 3. Prepend the option value with backslash "\\ ". This is the least preferred way. This may not work in some platforms, esp in windows platforms it will not work.

SYNTAX

```
beectl append_value --component <system object identifier or alias> --name <name>
--value <value>...
```

OPTIONS

--component

component id.

--name

Name of the property.

--value

Value of the property.

EXAMPLES

The command execution below would modify the log level for code in module oracle.ocs.commandline to FINEST and code in module oracle.ocs.management to FINE. These new settings are appended to existing list of package names in the ModuleLogLevel property

of the LoggingProperties config object in current site. If the ModuleLogLevel property was cleared before executing this command, then it will contain the new values now.

```
beectl append_value --component _CURRENT_SITE:LoggingProperties
--name "ModuleLogLevel" --value "oracle.ocs.commandline:FINEST"
--value "oracle.ocs.management:FINE"
```

clear_calendar_permissions

Modify access permissions for grantee (user or group) on the specified calendar.

SYNTAX

```
beectl clear_calendar_permissions { --calendar <calendarid> | --calendarowner
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
| --select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> } [--user <userid> | --group
<groupid>]
```

OPTIONS

--calendar

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource or workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--user

Specify the unique identifier of the user (grantee).

--group

Specify the unique identifier of the group (grantee).

EXAMPLES

```
beectl clear_calendar_permissions --calendarowner
user1@example.com --user user=user2
```

clear_proposed_configuration

Clears proposed configuration of the Beehive system object model

SYNTAX

```
beectl clear_proposed_configuration
```

OPTIONS

This command has no options

EXAMPLES

```
beectl clear_proposed_configuration
```

clear_tasklist_permissions

Reset the access permissions of a tasklist to their out-of-box defaults.

SYNTAX

```
beectl clear_tasklist_permissions { --tasklist <tasklistid> | --tasklistowner
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
| --select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> } [--user <userid> | --group
<groupid>]
```

OPTIONS**--tasklist**

Specify the unique identifier of a tasklist.

--tasklistowner

Specify the unique identifier of a user, resource or team workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format 'scheme:value'. If scheme is not supplied, mailto is assumed.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--user

Specify the unique identifier of the target user.

--group

Specify the unique identifier of the target group.

EXAMPLES

```
beectl clear_tasklist_permissions --tasklistowner
user1@example.com --user user=user2
```

clone_midtier

Top level clone command that clones a mid-tier.

SYNTAX

```
beectl clone_midtier --ias_instance_name <ias instance name > --host_name <host
name> --db_schema_password <db schema password> [--oui_inv_ptr_loc <oui data>]
[--oracle_home_name <oracle home name>] [--do_not_start_at_end] --site_key <Site
key> [--ignore_validation_warnings]
```

OPTIONS**--ias_instance_name**

Ias instance name with out appending host name. For example "myinstance"

--host_name

Fully qualified host name of the new midtier.

--db_schema_password

Beehive database schema password.

--oui_inv_ptr_loc

Oracle inventory pointer location file. Location of Oracle inventory is present in this file. If not specified, a platform default value (/etc/oraInst.loc on Linux) is checked. If the platform default value does not exists, then Oracle Inventory is created in user's home directory.

--oracle_home_name

Oracle home name. The default value is the value for --ias_instance_name option.

--do_not_start_at_end

If specified, beehive components will not be started at the end.

--site_key

Site key value.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl clone_midtier --ias_instance_name MyIASInstance --host_
name machine1.example.com --db_schema_password
dbbeehiveschemapassword --site_key <Site key>
```

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

clone_oc4j_instance

Creates a new oc4j instance by cloning the given oc4j instance.

Most of properties of the newly created oc4j instance is similar to that of the source oc4j instance.

All the service instance present in the source oc4j instance system model is deployed into the newly cloned oc4j instance.

Further, after deploying all the service instances, newly cloned oc4j instance is bounded once.

Only Beehive oc4j instances should be cloned using this command. Non Beehive oc4j instances can't be cloned using this command

Beehive Management oc4j instance should not be cloned. This command will error out when management oc4j instance is cloned.

When a template is associated with the Beehive instance, then target oc4j name can't be specified and `disable_sizing` option should be specified.

SYNTAX

```
beectl clone_oc4j_instance [--source_oc4j_instance_id <source oc4j instance system
model id> | --source_oc4j_instance_name <source oc4j instance name>] [--target_
oc4j_instance_name <target oc4j instance name>] [--disable_sizing] [--cold_mode]
```

OPTIONS**--source_oc4j_instance_id**

Source oc4j instance system model id.

--source_oc4j_instance_name

Source oc4j instance name.

--target_oc4j_instance_name

Target oc4j instance name.

--disable_sizing

Disable sizing.

--cold_mode

Clone the target oc4j instance in cold mode. Target oc4j instance will be started only at the end of flow.

EXAMPLES

```
beectl clone_oc4j_instance --source_oc4j_instance_name BEEAPP
--target_oc4j_instance_name BEEAPP_CLONE
```

```
beectl clone_oc4j_instance --source_oc4j_instance_name BEEAPP
--disable_sizing
```

clone_patching

Upgrades the midtier by cloning.

SYNTAX

```
beectl clone_patching ([--old_oracle_home <old oracle home>] | [--local_beehive_
instance_id <local beehive instance id > --db_schema_password <schema password >
--site_key <Site key > ])[--oui_inv_ptr_loc <oui data >] [--start_at_end]
[--ignore_validation_warnings]
```

OPTIONS**--old_oracle_home**

Specify the old oracle home.

--local_beehive_instance_id

Local beehive instance system object id.

--db_schema_password

Password to connect to config database.

--site_key

Site key value.

--oui_inv_ptr_loc

Oracle inventory pointer location file. Location of Oracle inventory is present in this file. If not specified, a platform default value (/etc/oraInst.loc on Linux) is checked. If the platform default value does not exist, then Oracle Inventory is created in user's home directory.

--start_at_end

If specified, beehive components will be started at the end.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl clone_patching local_beehive_instance_id db_schema_
password instance1.machibe-b.example.com local_beehive_instance_
```

```
idsite_key <secure value> local_beehive_instance_id{5} <secure value>
```

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

clone_preparation

Prepares the existing oracle home for cloning.

SYNTAX

```
beectl clone_preparation --file <output file name> [--ignore_validation_warnings]
```

OPTIONS

--file

Fully qualified name of the file which will store the list of files to be cloned. This files has to be outside the oracle home.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl clone_preparation --file /tmp/clone-list.txt
```

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

clone_site

Top level clone command that clones a mid-tier in a new deployment (i.e., site). This command is part of the Deployment Cloning solution. Please see the administrator guide for details.

SYNTAX

```
beectl clone_site --ias_instance_name <ias instance name > --host_name <host name>
--db_schema_password <db schema password> --db_connect_string <db connect String>
[--oui_inv_ptr_loc <oui data>] [--db_schema_name <db schema name>] [(--db_rac_
node_information <XA Service name>) ...] [(--db_xa_service_name <rac node
information>) ...] [--retain_rac_node_information] [--oracle_home_name <oracle
home name>] [--do_not_start_at_end] [--site_name <New site name>] --site_key
<Site key> [--ignore_validation_warnings]
```

OPTIONS

--ias_instance_name

Ias instance name with out appending host name. For example "myinstance"

--host_name

Fully qualified host name of the new midtier.

--db_connect_string

Beehive database connect string.

--db_schema_password

Beehive database schema password.

--db_schema_name

Beehive database schema name.

--db_rac_node_information

Beehive database RAC node information. It should be of the format hostname:port.
For eg sample.com:1521

--db_xa_service_name

Beehive database XA service name.

--retain_rac_node_information

Retains the old rac node and ons information. By default old rac node information is removed.

--oracle_home_name

Oracle home name. The default value is the value provided for --ias_instance_name option.

--oui_inv_ptr_loc

Oracle inventory pointer location file. Location of Oracle inventory is present in this file. If not specified, a platform default value (/etc/oraInst.loc on Linux) is checked. If the platform default value does not exists, then Oracle Inventory is created in user's home directory.

--do_not_start_at_end

If specified, beehive components will not be started at the end.

--site_name

New site name

--site_key

Site key value.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl clone_site --ias_instance_name MyIASInstance --host_name
machine1.example.com --db_schema_password
dbbeehiveschemapassword --db_connect_string
" (DESCRIPTION= (ADDRESS= (PROTOCOL=TCP) (HOST=machine2.example.com)
(PORT=1521)) (CONNECT_DATA=(SERVICE_NAME=oracle)) " --db_schema_
name MySchema --retain_rac_node_information --site_key <site
key>
```

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

delete_assigned_role

Deletes an AssignedRole entity.

SYNTAX

```
beectl delete_assigned_role --assigned_role <unique identifier of the
AssignedRole>
```

OPTIONS**--assigned_role**

Specify the unique identifier of the AssignedRole to be deleted.

EXAMPLES

```
beectl delete_assigned_role --assigned_role
acar=MyAssignedRole, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_attendant

Deletes an auto attendant by name.

SYNTAX

```
beectl delete_attendant --name <name of attendant>
```

OPTIONS**--name**

Name of the attendant to delete.

EXAMPLES

```
beectl delete_attendant --name my_attendant
```

delete_attendant_prompt

Deletes a prompt.

SYNTAX

```
beectl delete_attendant_prompt --name <attendant name> --type <prompt type>
--language <prompt language>
```

OPTIONS**--name**

Name of the attendant to which the prompt belongs.

--type

The type of the prompt. Can be one of language, menu, greeting, extension-prompt, extension-nomatch, option1, option2, option3, option4, option4, option5, option6, option7, option8, option9, noinput, noinput-term, nomatch, nomatch-term.

--language

The language of the prompt.

EXAMPLES

```
beectl delete_attendant_prompt --name myAttendant --type
greeting --language en_US
```

```
beectl delete_attendant_prompt --name myAttendant --type
language
```

delete_audit_policy

Deletes an existing audit

SYNTAX

```
beectl delete_audit_policy --policy <Audit policy identifier>
```

OPTIONS**--policy**

Audit policy identifier

EXAMPLES

```
beectl delete_audit_policy --policy plcy=MyAuditPolicy
```

delete_audit_trail

Deletes an existing audit trail

SYNTAX

```
beectl delete_audit_trail --trail <Audit trail identifier>
```

OPTIONS**--trail**

Audit trail identifier

EXAMPLES

```
beectl delete_audit_trail --trail autr=MyAuditTrail
```

delete_category

Deletes a category and all category applications.

SYNTAX

```
beectl delete_category --category <Identifier of the category to be deleted>
```

OPTIONS**--category**

Specify the identifier of the category.

EXAMPLES

```
beectl delete_category --category catg=Resource_
US, catg=Resource_ROOT, enpr=bee_ent
```

delete_category_application

Removes a category from an entity

SYNTAX

```
beectl delete_category_application --category <Identifier of the category to be
removed> --entity <Identifier of the entity from which the category needs to be
removed>
```

OPTIONS**--category**

Specify the identifier of the category to be removed.

--entity

Specify the identifier of an Oracle Beehive entity from which the category needs to be removed.

EXAMPLES

```
beectl delete_category_application --category
catg=MyCategory, enpr=MyEnterprise --entity
adoc=MyDocument, fldr=MyFolder, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_category_configuration

Deletes a given category configuration.

SYNTAX

```
beectl delete_category_configuration --configuration <Configuration identifier>
```

OPTIONS

--configuration

Category configuration to be deleted.

EXAMPLES

```
beectl delete_category_configuration --configuration  
9941:2345:ctcf:58D193D162CE4ED89FF66AB4E55745B6345464545453
```

delete_client_application

Deletes a client application.

SYNTAX

```
beectl delete_client_application --application <identifier of the client  
application>
```

OPTIONS

--application

Specify the identifier of the client application. Use `list_client_applications` command to determine the identifier of the client application.

EXAMPLES

```
beectl delete_client_application --application  
1234:5678:capn:2E0329B0705F0E40E040578C92160957000000000434
```

delete_client_application_configuration

Deletes the client application configuration with the given identifier.

SYNTAX

```
beectl delete_client_application_configuration --configuration <identifier of the  
client application configuration>
```

OPTIONS

--configuration

Specify the identifier of the client application configuration.

EXAMPLES

```
beectl delete_client_application_configuration --configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434
```

delete_client_application_patchset

Deletes a client application patchset.

SYNTAX

```
beectl delete_client_application_patchset --patchset <identifier of the client
application patchset>
```

OPTIONS**--patchset**

Specify the identifier of the client application patchset. Use `list_client_application_patchsets` command to determine the identifier of a client application patchset.

EXAMPLES

```
beectl delete_client_application_patchset --patchset
1234:5678:capp:2E0329B0705F0E40E040578C92160957000000000434
```

delete_client_application_provisioning

De-provisions client applications from a community.

SYNTAX

```
beectl delete_client_application_provisioning --community <community identifier>
{--configuration <client application configuration identifier>... | --all}
```

OPTIONS**--community**

Specify the identifier of the community.

--configuration

Specify the identifier of the client application configuration. This option can be specified more than once.

--all

Specify this option to deprovision any client applications provisioned earlier. The users belonging to this community would get the applications provisioned at the parent community level.

EXAMPLES

```
beectl delete_client_application_provisioning --community
enpr=myEnterprise --configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434
```

```
--configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434

beectl delete_client_application_provisioning --community
enpr=myEnterprise --all
```

delete_client_application_version

Deletes a client application version.

SYNTAX

```
beectl delete_client_application_version --application_version <identifier of the
client application version>
```

OPTIONS

--application_version

Specify the identifier of the client application version. Use list_client_application_versions command to determine the identifier of a client application version.

EXAMPLES

```
beectl delete_client_application_version --application_version
1234:5678:capv:2E0329B0705F0E40E040578C92160957000000000434
```

delete_coexistence_profile

Deletes the coexistence profile of user.

SYNTAX

```
beectl delete_coexistence_profile {--user <user_identifier>|--email <user_
email>|--file <file_name>}
```

OPTIONS

--user

Specify the identifier of the user.

--email

Specify the email address of the user.

--file

Specify the xml input file. File encoding MUST be UTF-8.

EXAMPLES

```
beectl delete_coexistence_profile --user user=userid
beectl delete_coexistence_profile --file users.xml
```

delete_coexistence_system

Deletes a coexisting remote system. WARNING: This command will purge the coexisting remote system and clean all related data.

SYNTAX

```
beectl delete_coexistence_system --select_by_name <connector_name>
```

OPTIONS

--select_by_name

Specify the name of the coexisting remote system.

EXAMPLES

```
beectl delete_coexistence_system --select_by_name ex-101
```

delete_conference

Deletes conference artifact under workspace

SYNTAX

```
beectl delete_conference --conference_id <Conference identifier>
```

OPTIONS

--conference_id

Conference identifier

EXAMPLES

```
beectl delete_conference --conference_id  
owch=MyConference, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_conference_template

Deletes conference template artifact under workspace

SYNTAX

```
beectl delete_conference_template --template_id <Conference identifier>
```

OPTIONS

--template_id

Conference identifier

EXAMPLES

```
beectl delete_conference_template --template_id  
owct=MyTemplate, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_custom_user_property

The `delete_custom_user_property` command deletes a custom property. If there are multiple custom properties with same name, then only the first occurrence of the attribute with specified name is deleted. Any values of the property being deleted will also be deleted.

SYNTAX

```
beectl delete_custom_user_property --name <name>
```

OPTIONS

--name

Property name. Example: employeenumber.

EXAMPLES

```
beectl delete_custom_user_property --name employeenumber
```

delete_device

Deletes the device with the given identifier.

SYNTAX

```
beectl delete_device --device <identifier of the device>
```

OPTIONS

--device

Specify the identifier of the device. Use `list_devices` command to determine the identifier of the device.

EXAMPLES

```
beectl delete_device --device
1234:5678:devi:2E0329B0705F0E40E040578C92160957000000000434
```

delete_device_profile

Deletes the device profile or device profiles. The command can delete the device profile with the given identifier or with the given device profile name or delete the device profiles specified from the given file containing names of the device profiles. The command can also optionally delete all the device types associated with this device profile.

SYNTAX

```
beectl delete_device_profile [--profile <identifier of the device
profile>|--profile_name <name of the device profile>|--file <file containing
device profiles>] [--delete_device_types]
```

OPTIONS

--profile

Identifier of the device profile.

--profile_name

Name of the device profile.

--file

File containing the names of the device profiles. Specify the full path and file name.

--delete_device_types

Deletes all the device types associated with this device profile.

EXAMPLES

```
beectl delete_device_profile --profile
1234:5678:devp:2E0329B0705F0E40E040578C92160957000000000434
```

```
beectl delete_device_profile --profile
1234:5678:devp:2E0329B0705F0E40E040578C92160957000000000434
--delete_device_types
```

```
beectl delete_device_profile --profile_name "Device Profile
Name" --delete_device_types
```

```
beectl delete_device_profile --file /tmp/deleted_profiles.txt
--delete_device_types
```

delete_device_type

Deletes the device type with the given identifier.

SYNTAX

```
beectl delete_device_type --type <identifier of the device type>
```

OPTIONS

--type

Identifier of the device type.

EXAMPLES

```
beectl delete_device_type --type
1234:5678:devt:2E0329B0705F0E40E040578C92160957000000000434
```

delete_directory_profile

The delete_directory_profile command deletes a directory profile.

Changelog number for the directory profile is not deleted from beehive, unless the activate_configuration option is used. To delete the changelog number from beehive, run this command by specifying the common option activate_configuration with value as true.

The command deletes a directory profile if no users or groups are associated with the profile in beehive.

SYNTAX

```
beectl delete_directory_profile --profile <profile-name>
```

OPTIONS

--profile

Profile name to be deleted.

EXAMPLES

```
beectl delete_directory_profile --profile MyDirectoryProfile
```

delete_dmz_home_instance

Removes configuration for a Beehive installation in the DMZ that is, outside the firewall.

SYNTAX

```
beectl delete_dmz_home_instance --id <dmz beehive instance id>
```

OPTIONS

--id

Identifier for DMZ beehive instance.

EXAMPLES

```
beectl delete_dmz_home_instance --id dmz_on_server1
```

delete_email_message

Moves an email message to a target folder or removes it outright

SYNTAX

```
beectl delete_email_message --internet_message_id <The Message-ID header in the
MIME source of the message> [--email_address <The email address of the admin user
account that the deleted message should be moved to>] [--folder <The folder name
of the admin user account that the deleted message should be moved to>]
```

OPTIONS

--internet_message_id

The Message-ID header in the MIME source of the message

--email_address

The email address of the admin user account that the deleted message should be moved to

--folder

The folder name of the admin user account that the deleted message should be moved to

EXAMPLES

```
beectl delete_email_message --internet_message_id
200602221113.k1MBDZDr020197@rgminet03.oracle.com --email_address
user1@example.com --folder Recalled
```

delete_event_subscription

Deletes an event subscription from the Oracle Beehive repository.

SYNTAX

```
beectl delete_event_subscription --subscription <identifier of the event
subscription to be deleted>
```

OPTIONS**--subscription**

Specify the identifier of the event subscription to be deleted.

EXAMPLES

```
beectl delete_event_subscription --subscription
9941:2345:enpr:58D193D162CE4ED89FF66AB4E55745B6345464545453
```

delete_expertise_user_scope

The delete_expertise_user_scope command deletes expertise user scope. The expertise user scope CollabId/BODN is supplied with --expertise_user_scope option.

SYNTAX

```
beectl delete_expertise_user_scope --expertise_user_scope <BODN or CollabId>
```

OPTIONS**--expertise_user_scope**

CollabId or BODN format of the expertise user scope to be deleted.

EXAMPLES

```
beectl delete_expertise_user_scope --expertise_user_scope
exus=ExpertiseUserScopeName, enpr=Oracle
```

```
beectl delete_expertise_user_scope --expertise_user_scope
416E:25BF:exus:6A9CBED7822AA32EE040578C5C8453AB000000018705
```

delete_failed_action_events

Purge actions that have not completed successfully.

SYNTAX

```
beectl delete_failed_action_events --bucket <Partition number> --sequence
<Sequence number>
```

OPTIONS

--bucket

Partition number

--sequence

Sequence number

EXAMPLES

```
beectl delete_failed_action_events --bucket MyBucketNumber
--sequence MySequenceNumber
```

delete_feed_configuration

The delete_feed_configuration command deletes feed configuration.

SYNTAX

```
beectl delete_feed_configuration {          --feed_configuration <feed
configuration>          | --scope <scope identifier>          --feedtype <feed type >
}
```

OPTIONS

--feed_configuration

Collabid of the feed configuration to be modified

--scope

Scope in which the feed configuration will be created

--feedtype

Feed type of the feed configuration. Permitted values are ANNOUNCEMENT, FORUM, FOLDER, LABEL, RECENT, TOPIC and VERSION.

EXAMPLES

```
beectl delete_feed_configuration --scope enpr=example --feedtype
RECENT
```

```
beectl delete_feed_configuration --feed_configuration
6790:39AC:afrf:52921E226193384EE040578C5C84269C0000000ABB75
```

delete_filesystem_reference

Removes a filesystem reference from Beehive.

SYNTAX

```
beectl delete_filesystem_reference --filesystem_reference_id <Identifier of the filesystem reference>
```

OPTIONS

--filesystem_reference_id

Identifier of the filesystem reference to delete.

EXAMPLES

```
beectl delete_filesystem_reference --filesystem_reference_id fsref=MyFilesystemReference, enpr=MyEnterprise
```

delete_group

The delete_group command deletes a group with an option to purge.

SYNTAX

```
beectl delete_group { --group <group_identifier> | --email <group_email> } [ --purge ]
```

OPTIONS

--group

Identifier of the group.

--email

EmailID of the group.

--purge

Purges the group after deletion.

EXAMPLES

```
beectl delete_group --group grup=MyGroup, enpr=Example
```

```
beectl delete_group --group grup=MyGroup, enpr=Example --purge
```

delete_ischedule_server

Delete a remote iSchedule Server configuration.

SYNTAX

```
beectl delete_ischedule_server --name <name>
```

OPTIONS**--name**

Name of the remote server configuration, can contain only alpha numerical characters, underscores and dashes.

EXAMPLES

```
beectl delete_ischedule_server --name remoteserver
```

delete_local_ace

Deletes an Access Control Entry (ACE) from the Local Access Control List (LACL) of an entity.

SYNTAX

```
beectl delete_local_ace --entity <unique identifier of the entity> --accessor
<unique identifier of the Accessor>
```

OPTIONS**--entity**

Specify the unique identifier of the entity from which the ACE will be deleted.

--accessor

Specify the unique identifier of the accessor to whom the access types were applied.

EXAMPLES

```
beectl delete_local_ace --entity
adoc=MyDocument, wksp=MyWorkspace, enpr=MyEnterprise --accessor
user=MyUser
```

delete_oc4j_instance

Deletes the specified oc4j.

The command can delete an oc4j only if there are other oc4j instances of the same type. For example any of the oc4j instances BEEAPP, BEEAPP_1, BEEAPP_2 can be deleted however the last remaining oc4j instance of a type cannot be deleted otherwise the active deployment template is violated.

This command can be executed to delete either a local oc4j or a beekeeper home.

SYNTAX

```
beectl delete_oc4j_instance --component <system object id of oc4j>
```

OPTIONS**--component**

Deletes the specified oc4j.

EXAMPLES

```
beectl delete_oc4j_instance --component
946189a0-bd98-4033-b342-7d51087ccc81
```

delete_organization

Deletes an existing organization, and sub-organizations and workspaces under it (with `--force_cascade` option). And/or purges deleted organization manually (with `--purge` option). Use `list_deleted_organizations` to get the CENs of deleted organizations.

SYNTAX

```
beectl delete_organization --organization <Organization identifier> [--purge]
[--force_cascade]
```

OPTIONS**--organization**

Organization identifier

--purge

Purge deleted organization manually

--force_cascade

Force deleting sub-organizations and workspaces under this workspace

EXAMPLES

```
beectl delete_organization --organization orgn=test_
org,enpr=test_enterprise
```

delete_policy

Deletes a policy.

SYNTAX

```
beectl delete_policy --policy <identifier of the policy to be deleted>
```

OPTIONS**--policy**

Specify the identifier of the policy to be deleted. Use the `list_policies` command to obtain the policy identifier.

EXAMPLES

```
beectl delete_policy --policy plcy=MyPolicy,enpr=MyEnterprise
```

delete_policy_action

Deletes a policy action.

SYNTAX

```
beectl delete_policy_action --action_name <name of action to be deleted>
```

OPTIONS

--action_name

Specify the name of the policy action to be deleted.

EXAMPLES

```
beectl delete_policy_action --action_name MyActionName
```

delete_policy_schema

Deletes a policy schema.

SYNTAX

```
beectl delete_policy_schema --policy_schema <identifier of the policy schema to be deleted>
```

OPTIONS

--policy_schema

Specify the identifier of the policy schema to be deleted.

EXAMPLES

```
beectl delete_policy_schema --policy_schema  
plsh=PolicySchemaName
```

delete_policy_template

Deletes a policy template.

SYNTAX

```
beectl delete_policy_template --policy_template <identifier of the policy template to be deleted>
```

OPTIONS

--policy_template

Specify the identifier of the policy template to be deleted.

EXAMPLES

```
beectl delete_policy_template --policy_template  
plct=PolicyTemplateName,enpr=oracle
```

delete_preference_profile

The delete_preference_profile command deletes a preference profile.

SYNTAX

```
beectl delete_preference_profile --profile <Preference profile identifier>
```

OPTIONS

--profile

Identifier of the preference profile to be deleted.

EXAMPLES

```
beectl delete_preference_profile --profile  
prfp=MyProfile,user=user1
```

delete_preference_property

The delete_preference_property command deletes a preference property from a preference set.

SYNTAX

```
beectl delete_preference_property --set <set-identifier> --name <property-name>
```

OPTIONS

--set

Identifier of the preference set specified in id format, which can be determined by running list_preference_sets command with "--entity_format id" option.

--name

Name of the preference property.

EXAMPLES

```
beectl delete_preference_property --set prfs=set1,user=user1  
--name MyProperty
```

delete_preference_set

The delete_preference_set command deletes a preference set.

SYNTAX

```
beectl delete_preference_set --set <set-identifier>
```


OPTIONS**--set**

Identifier of the preference set specified in id format, which can be determined by running `list_preference_sets` command with "--entity_format id" option.

EXAMPLES

```
beectl delete_preference_set --set prfs=set1,user=user1
```

delete_property

Clears the value of specified property in the configuration object identified by specified id.

SYNTAX

```
beectl delete_property --component <system object identifier or alias> --name
<property name>
```

OPTIONS**--component**

Identifier of a configuration object. The `list_components` command can be used to lookup the identifier

--name

The property to be cleared.

EXAMPLES

The command execution shown below would clear the value of Alias property of the current site.

```
beectl delete_property --component _CURRENT_SITE --name Alias
```

delete_record

"user-info">Command:non-record.

SYNTAX

```
beectl delete_record --artifact <identifier of the artifact to be deleted as a
record/non-record>
```

OPTIONS**--artifact**

identifier of the artifact to be deleted as a record/non-record

EXAMPLES

```
beectl delete_record --artifact myArtifact
```

delete_remote_home_instance

Deletes the specified beehive home from central configuration repository.

This command is a safeguard that will allow a beehive instance to be removed from the repository when no other uninstall options are available.

The command can only delete a remote home instance, ie, not the instance the command is being run from.

The command only cleans up the central configuration repository. It neither cleans up the disk/file system for the deleted beehive instance nor updates the oracle inventory on the remote host.

This command can be executed to delete either a non-local beehive home or a beekeeper home. To delete a dmz home please execute the command `delete_dmz_home_instance`

SYNTAX

```
beectl delete_remote_home_instance --component <system object id of remote home>
```

OPTIONS

--component

Deletes the specified beehive home from central configuration repository.

EXAMPLES

```
beectl delete_remote_home_instance --component  
946189a0-bd98-4033-b342-7d51087ccc81
```

delete_remote_repository

Deletes a remote repository.

SYNTAX

```
beectl delete_remote_repository --scope <Remote Repository Container.> --name  
<Remote Repository Name.>
```

OPTIONS

--scope

Remote Repository Container.

--name

Remote Repository Name.

EXAMPLES

```
beectl delete_remote_repository --scope myRemoteRepositoryScope
--name myRemoteRepositoryName
```

delete_remote_share

Deletes a remote share.

SYNTAX

```
beectl delete_remote_share --scope <Remote Share Container.> --name <Remote Share
Name.>
```

OPTIONS**--scope**

Remote Share Container.

--name

Remote Share Name.

EXAMPLES

```
beectl delete_remote_share --scope myRemoteShareScope --name
myRemoteShareName
```

delete_resources

Deletes a resource.

SYNTAX

```
beectl delete_resources {--resource <resourceid> | --select_by_name <name>}
[--external]
```

OPTIONS**--resource**

Specify the identifier of the resource. Use `list_resources` command to obtain the identifier of the resource.

--select_by_name

Specify the name criteria of the resource.

--external

Delete an external resource. If this option is not specified, bookable resources will be deleted.

EXAMPLES

```
beectl delete_resources --resource
395A:346B:bkrs:2C5F7E98E076D382E040578CA60B0D0E000000062327
```

delete_role_definition

Deletes a RoleDefinition entity.

SYNTAX

```
beectl delete_role_definition --role_definition <unique identifier of the RoleDefinition>
```

OPTIONS

--role_definition

Specify the unique identifier of the RoleDefinition to be deleted.

EXAMPLES

```
beectl delete_role_definition --role_definition  
acrd=MyRoleDefinition, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_sensitivity

Deletes a Sensitivity entity.

SYNTAX

```
beectl delete_sensitivity --sensitivity <unique identifier of the Sensitivity>
```

OPTIONS

--sensitivity

Specify the unique identifier of the Sensitivity to be deleted.

EXAMPLES

```
beectl delete_sensitivity --sensitivity  
acsn=MySensitivity, wksp=MyWorkspace, enpr=MyEnterprise
```

delete_sensitivity_ace

Deletes an Access Control Entry (ACE) from the Sensitivity Access Control List (SACL) of a Sensitivity entity.

SYNTAX

```
beectl delete_sensitivity_ace --sensitivity <unique identifier of the Sensitivity>  
--accessor <unique identifier of the Accessor>
```

OPTIONS

--sensitivity

Specify the unique identifier of the Sensitivity from which the ACE will be deleted.

--accessor

Specify the unique identifier of the accessor to whom the access types were applied.

EXAMPLES

```
beectl delete_sensitivity_ace --sensitivity
acsn=MySensitivity,wksp=MyWorkspace,enpr=MyEnterprise --accessor
user=MyUser
```

delete_trusted_identity

This command unregisters a trusted identity. If the type of identity is not specified, it is defaulted to WSSEC.

SYNTAX

```
beectl delete_trusted_identity [--type WSSEC --service_name <Trusted Identity
Name>] [--type S2S --service_name <Trusted Identity Name>] [--type SES --name
<Trusted Entity Name>]
```

OPTIONS**--service_name**

String value of the service principal name with which it will be identified in Beehive. This option is mandatory if type is WSSEC.

--type

String value indicating the type of trusted identity: SES or WSSEC. SES refers to Secure Enterprise Search. WSSEC refers to Web services security.

--name

String value representing the name of the SES trusted entity.

EXAMPLES**delete_user**

The delete_user command deletes a user with an option to purge.

SYNTAX

```
beectl delete_user { --user <user_identifier> | --email <user_email> } [ --purge ]
```

OPTIONS**--user**

Identifier of the user. When purging an already deleted user, the user must be specified in id format. The value in id format can be determined by running list_users command as: list_users --attribute_name STATUS --attribute_type ATTRIBUTE --attribute_value DELETED --entity_format id.

--email

EmailID of the user.

--purge

Purges the user after deletion.

EXAMPLES

```
beectl delete_user --user user=user1
```

```
beectl delete_user --user user=user1 --purge
```

delete_version_configuration

Deletes a given version configuration.

SYNTAX

```
beectl delete_version_configuration --configuration <Configuration identifier>
```

OPTIONS**--configuration**

Version configuration to be deleted.

EXAMPLES

```
beectl delete_version_configuration --configuration  
9941:2345:avcg:58D193D162CE4ED89FF66AB4E55745B6345464545453
```

delete_virus_scan_engine

Deletes specified virus scan engine from the collection of engines configured for the Site. If this is the last scan engine being deleted, this command will also delete the virus scan engine collection and update the Site to remove the virus scan engine collection from it. Either the scan_engine option or the hostname and port options will need to be specified.

SYNTAX

```
beectl delete_virus_scan_engine { --scan_engine <scanengine_systemid> | {  
--hostname <scanengine_hostname> --port <scanengine_port> }}
```

OPTIONS**--scan_engine**

Identifier of the scan engine to be deleted.

--hostname

Name of the host where the virus scan engine is installed.

--port

Port number used by the virus scan engine for communication with its clients.

EXAMPLES

```
<beectl delete_virus_scan_engine --scan_engine 12345>
```

```
<beectl delete_virus_scan_engine --hostname
scanenginehost.example.com --port 1344>
```

delete_virus_scan_results

Deletes virus scan results from the system that match the specified criteria. Option scandate cannot be specified with options scandate_from or scandate_to.

SYNTAX

```
beectl delete_virus_scan_results [ [ --scandate <scandate> ] | [ --scandate_from
<scandate_from> ] [ --scandate_to <scandate_to> ] ] [ --virus_name <virus_name> ]
[ --virus_id <virus_id> ] [ --entity_type <entity_type> ] [ --obsolete_only
<true/false> ]
```

OPTIONS**--scandate**

Value specified will be used to do an exact match with the scan date attribute of the scan results.

--scandate_from

Value specified will be used as the lower inclusive bound for matching with the scan date.

--scandate_to

Value specified will be used as the upper inclusive bound for matching with the scan date.

--virus_name

Value specified will be used to do an exact match with the virus name attribute of the scan results.

--virus_id

Value specified will be used to do an exact match with the virus id attribute of the scan results.

--entity_type

Value specified will be used to pick up only the scan results for the entered entity type.

--obsolete_only

This option returns matches found for the specified criteria only for those entities that are obsolete, i.e. these entities no longer exists in the system.

EXAMPLES

```
<beectl delete_virus_scan_results --scandate_from  
2008-07-10T00:00:00 --scandate_to 2008-07-10T23:59:59>
```

delete_voice_facility

Removes specific rules or all rules for a given group collabid. To remove specific rules, then the list the rules to remove in the parameter options. To remove all rules only specify the collabid

SYNTAX

```
beectl delete_voice_facility --group_collabid <group_collabid> [--include <phone  
rules>] [--exclude <phone rules>]
```

OPTIONS**--group_collabid**

The collabid of the Group to have all of its rules deleted.

--include

The collection of inclusion phone number rules to remove from the given facility. The rules are delimited by pipes.

--exclude

The collection of exclusion phone number rules to remove from the given facility. The rules are delimited by pipes.

EXAMPLES

```
beectl delete_voice_facility --group_collabid  
grup=GroupName, enpr=MyEnterprise --include  
1312???????|1713??????? --exclude 13129???????|17139???????
```

delete_xmpp_chat_rooms

This command is used to delete an xmpp chat room by name (if it exists, else it is a NOOP) specified by the --roomname option. Room-names are case insensitive. This command can also be used to delete those xmpp chat rooms which have not been accessed for a period of days specified by the --olderthan option.

SYNTAX

```
beectl delete_xmpp_chat_rooms [--olderthan|--roomname] <Number of days/Room Name>
```

OPTIONS**--olderthan**

Number of days/Room Name

--roomname

Number of days/Room Name

EXAMPLES

```
beectl delete_xmpp_chat_rooms --olderthan 60 OR beectl delete_xmpp_chat_rooms --roomname "Oracle Beehive Rocks"
```

download_device_logs

Downloads the logs for a device. This command can either download all log files for a device or all log files for a given application on the device or a particular log file.

SYNTAX

```
beectl download_device_logs --dest_dir <destination directory> {--device_log <identifier of the device log> | --device <identifier of the device> {--all|--application_name <name of the application> [--log_file_name <name of the log file>]}}
```

OPTIONS**--dest_dir**

Specify the full path of the destination directory. The directory must already exist.

--device_log

Specify the identifier of the device log. Use list_device_logs command to determine the identifier of the device log.

--device

Specify the identifier of the device. Use list_devices command to determine the identifier of the device.

--all

Specify this option to download all the log files for this device.

--application_name

Application Name

--log_file_name

Log File Name

EXAMPLES

```
beectl download_device_logs --dest_dir /tmp --device 1234:5678:devi:2E0329B0705F0E40E040578C92160957000000000434 --application_name MobileMail --log_file_name log.txt
```

download_generated_team_workspace_template

Generates a team workspace template from the given team workspace

SYNTAX

```
beectl download_generated_team_workspace_template --workspace <Workspace identifier> --file <Full path of the template file>
```

OPTIONS

--workspace

Workspace identifier

--file

Full path of the input file

EXAMPLES

```
beectl download_generated_team_workspace_template --workspace
wksp=test_team_ws,enpr=test_enterprise --file /tmp/template_
attributes_and_selective_generation_options.xml
```

download_language_pack

Exports language pack resources managed by the Beehive deployment. The exact resources exported and the output destination details are controlled by command options.

SYNTAX

```
beectl download_language_pack [ --full ] [ --only_built_in ] [ --only_custom ] [
--include_class_files ] [ --destination_file <dest_file> ] [ --destination_
directory <dest_dir> ] [ --base_name <base_name> ] [ --locale <locale> ]
```

OPTIONS

--full

include everything; other options are silently ignored.

--only_built_in

include built-in xliif file versions.

--only_custom

include custom xliif file versions.

--include_class_files

include jar of internal classes used by runtime.

--destination_file

output destination file; directory extension should be provided, zip/jar recommended; the file must not exist.

--destination_directory

output destination directory; may exist; must not be used with --dest-file.

--base_name

include xliif with this base name; may be repeated; if omitted all base names are implicitly included.

--locale

include this locale for all base names; if omitted all locales are implicitly included.

EXAMPLES

```
beectl download_language_pack --full --destination_directory
"/tmp" --base_name "oracle.beehive.core.util" --locale "en_us"
```

download_ldap_group_data

The `download_ldap_group_data` command downloads groups information for an external directory into an XML file. The generated XML file can be used with `add_group` command to create the groups.

SYNTAX

```
beectl download_ldap_group_data --file <filename> --profile <profile-name>
```

OPTIONS**--file**

Name of the file to be created with group information in xml format.

--profile

Name of the directory profile.

EXAMPLES

```
beectl download_ldap_group_data --file Groups.xml --profile
MyDirectoryProfile
```

download_ldap_user_data

The `download_ldap_user_data` command downloads user information for an external directory into an XML file. The generated XML file can be used with `add_users` command to create the users.

SYNTAX

```
beectl download_ldap_user_data --file <filename> --profile <profile-name>
```

OPTIONS**--file**

Name of the file to be created with user information in xml format.

--profile

Name of the directory profile.

EXAMPLES

```
beectl download_ldap_user_data --file Users.xml --profile
MyDirectoryProfile
```

download_syncml_messages

Downloads SyncML messages.

SYNTAX

```
beectl download_syncml_messages --directory <directory> --date <yyyy-MM-DD> [ --id <id> | --user_id <user_id>]
```

OPTIONS

--directory

Specify the full path of the output destination directory. The directory must exist within the same server environment used by the Management Service.

--date

Specify the date of data to download. Use the YYYY-MM-DD format.

--id

Specify the server side synchronization session ID of data to download.

--user_id

Specify the server side synchronization session ID of data to download.

EXAMPLES

```
beectl download_syncml_messages --directory /syncml_messages --date 2006-10-12 --id 105
```

download_syncml_sessions

Downloads SyncML messages.

SYNTAX

```
beectl download_syncml_sessions --file <file> --date <yyyy-MM-DD> [ --id <id> | --user_id <user_id>]
```

OPTIONS

--file

Specify output destination file. The file will be created within the same server environment used by the Management Service.

--date

Specify the date of data to download. Use the YYYY-MM-DD format.

--id

Specify the server side synchronization session ID of data to download.

--user_id

Specify the server side synchronization session ID of data to download.

EXAMPLES

```
beectl download_syncml_sessions --file /syncml_sessions.log
--date 2006-10-12 --id 105
```

download_workspace_template_schema

Downloads workspace template XML schema to a file

SYNTAX

```
beectl download_workspace_template_schema [--file <Full path of the output file>]
```

OPTIONS**--file**

Full path of the output file

EXAMPLES

```
beectl download_workspace_template_schema --file /tmp/schema.xsd
```

export_audit_trail

Exports an existing audit trail by the given identifier

SYNTAX

```
beectl export_audit_trail --trail <Audit trail identifier> --file <Full path of
the output file>
```

OPTIONS**--trail**

Audit trail identifier

--file

Full path name of the export file

EXAMPLES

```
beectl export_audit_trail --trail autr=MyAuditTrail --file
/tmp/trail.xml
```

export_client_application_configuration

Exports a client application configuration to a local file.

SYNTAX

```
beectl export_client_application_configuration --configuration <client application
configuration identifier> --file <destination file>
```

OPTIONS

--configuration

Specify the identifier of the client application configuration.

--file

Specify the full path and file name. Oracle recommends using a .xml extension. If the file already exists, it will be overwritten.

EXAMPLES

```
beectl export_client_application_configuration --configuration
1234:5678:capc:1234567890123456789012 --file
/tmp/client-app-config.xml
```

export_configuration_data

Exports configuration data for given configuration version.

SYNTAX

```
beectl export_configuration_data --file <output dir> [--configuration_version
<required version>] [--verbose] [--no_null_values] [--no_large_values] [--no_
binary_values] [--validate_output] [--only_custom_values]
```

OPTIONS

--configuration_version

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command `list_configuration_versions` for valid snapshot identifiers.

--file

Xml output file in which data will be dumped.

--verbose

If specified, all metadata information about the property will be printed.

--no_null_values

If specified, null or empty values will not be printed.

--no_large_values

If specified, large string data will not be printed.

--no_binary_values

If specified, binary data will not be printed.

--only_custom_values

If specified, properties which do not have same value as their initial/default values, will be printed.

--validate_output

Validates the generated output file.

EXAMPLES

```
beectl export_configuration_data --verbose --no_large_values
--no_binary_values --no_null_values --validate_output
```

It transforms the generated xml into html output file available at the same location as of the xml.

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

--configuration_version 89098787 can be passed to use snapshot having specific creation time as 89098787.

--configuration_version active can be passed for active snapshot.

--configuration_version proposed can be passed for latest proposed snapshot.

export_email_data

Export all email data to a file

SYNTAX

```
beectl export_email_data --user_name <user name> --file <file name>
```

OPTIONS**--user_name**

The authentication ID of the user to be exported/imported.

--file

The file name of the file that holds the exported email data.

EXAMPLES

```
beectl export_email_data --user_name user1 --file user1.dat
```

export_errorcodes

Search for occurrences of error codes

SYNTAX

```
beectl export_errorcodes [--start <DATE_TIME>] [--end <DATE_TIME>] [--errorcode
<STRING> ... |--exclude_errorcode <STRING> ... ] [--severity <string>] [--text
<string>] [--max_results <INTEGER>] [--display_exception_stack] [--attribute
<key>:<value> ... ] [--display_columns <STRING_LIST>] [--from_logs] beectl
export_errorcodes --get_count_service_by_ec <STRING> beectl export_errorcodes
--get_count_ec_by_service <STRING>
```

OPTIONS

--start

Start of time range

--end

End time range

--errorcode

Specific error codes to query for

--exclude_errorcode

Specific error codes to not search for

--severity

Minimum severity to restrict to

--text

Text in Exception stack or metadata parameters to search for

--max_results

Maximum number of results to return

--display_exception_stack

Should the Exception stack be printed

--display_columns

Comma separated list of columns to be displayed. Valid values are [service, messageid, displayname, severity, cause, effect, action, timestamp, exception_stack, ecid, service_inst_id, ctx_map]

--ecid

Execution Context ID

--service_inst_id

System object identifier or alias of either Service Instance or Oc4j.

--get_count_service_by_ec

Service instance ID to get error code counts from, or all to aggregate over all service instances.

--get_count_ec_by_service

Error code to get counts from, or all to aggregate over all error codes.

--from_logs

Query the logs instead of the database.

--attrib

Search for one of the following attributes: bee_compid, bee_compname, bee_vthreadid, bee_principalid, bee_logonrecid.

EXAMPLES

```
beectl export_errorcodes --start 2007-10-10T06:00:00 --end
2007-10-10T08:00:00 --errorcode BEEU-10364
```

Search for all instances of BEEU-10364 between 6AM and 8AM on October 10, 2007.

```
beectl export_errorcodes --start 2007-10-10T06:00:00 --severity
WARNING --text 'QuotaException' --exclude_errorcode BEES-37968
```

Search for all all error codes reported since 6AM on October 10, 2007

with severity at least warning and 'QuotaException' in any parameters passed to the error codes except for BEES-37968.

```
beectl export_errorcodes --errorcode BEES-38216 --display_
columns timestamp,cause,action,exception_stack
```

Search for all instances of error code BEES-38216, and display the timestamp, cause, action, and exception stack.

```
beectl export_errorcodes --get_count_service_by_ec
b94885f7-2876-4d95-90aa-76a060875ac6
```

Get counts of error code occurrences in service instance b94885f7-2876-4d95-90aa-76a060875ac6, by error code.

```
beectl export_errorcodes --get_count_ec_by_service BEEU-00822
```

Get counts of error code occurrences of type BEEU-00822, by service.

export_filesystem_logs

Search log files stored on host machines.

SYNTAX

```
beectl export_filesystem_logs --search_string <string> [--maximum_results <int>]
[--file_name_filter <string>] [--host_name_filter <string>] [--beehive_home_filter
<string>] [--output_target <string>] [--output_format <string>] [--display_source
<true|false>] [--display_original_copy <true|false>] [--columns <string_list>]
[--log_analysis <true|false>] [--report_time_range <string>] [--report_message_
type <string>] [--analysis_field <string_list>] [--get_latest <true|false>]
[--local_search <true|false>] [--log_root <string>] [--order_by <string>] [--sort
<string>] [--search_string_file_name <string>] [--display_ignored_summary_only
<true|false>]
```

OPTIONS

--search_string

A search string is composed of a single or a combination of search conditions. A search condition has a field name (e.g. `user_id='janedoe'`), an operation type (e.g. `op='contains'`) and condition operands (`!`, `&&`, `|`). The brackets `"()`" are used to group search conditions together. Valid search field names are: `<ORG_ID | COMPONENT_ID | INSTANCE_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | MSG_LEVEL | MODULE_ID | PROCESS_ID | THREAD_ID | USER_ID | SUPPL_ATTRS | SUPPL_ATTR.NAME | SUPPL_ATTR.VALUE | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | EXEC_CONTEXT_SEQ | ERROR_UNIQUE_ID | ERROR_SEQ | MSG_TEXT | MSG_ARGS | NAME | VALUE | DETAIL_PATH | SUPPL_DETAIL | TSTZ_ORIGINATING | TSTZ_NORMALIZED | HOST_ID | HOST_NWADDR | PROB_KEY | BEE_COMPID | BEE_COMPNAME | BEE_PRINCIPALID | BEE_LOGONRECID | BEE_VTHREADID | ATTRIBUTE_VALUE_TO_PRINCIPAL_ID | LOGIN_ID_TO_PRINCIPAL_ID>`. Valid operation types are: `<EQUALS | CONTAINS | STARTS_WITH | EQUALS_IGNORE_CASE | CONTAINS_IGNORE_CASE | STARTS_WITH_IGNORE_CASE | MATCHES | MATCHES_IGNORE_CASE>`. Note: The search string must be enclosed in a pair of double-quotes and `\` must be used to escape `!` operand. Time stamp query condition can contain two values separated by a comma. Query fields `ATTRIBUTE_VALUE_TO_PRINCIPAL_ID` and `LOGIN_ID_TO_PRINCIPAL_ID` are special cases. Field `ATTRIBUTE_VALUE_TO_PRINCIPAL_ID` works with four operation types: `<equals | contains | beginsWith | endsWith>` and the search operation is always case-insensitive. But the operation type is not applicable to field `LOGIN_ID_TO_PRINCIPAL_ID` and any operation type specified for it will be ignored. Those fields are used to match corresponding `BEE_PRINCIPAL_ID`. Then the matched `BEE_PRINCIPAL_ID` will be used for the subsequent search with operation type `<EQUALS_IGNORE_CASE>` only.

--maximum_results

Maximum number of returned records. It tops out at 1,000, if the `output_target` is screen, otherwise there is no limit.

--file_name_filter

A file name filter is used to speed up searches. Use a comma to separate multiple values and a prefix `#` to specify excluding. Note: the prefix `#` is applied to all the values following it.

--host_name_filter

A host name filter is used to speed up searches. Use a comma to separate multiple values and a prefix `#` to specify excluding. Note: the prefix `#` is applied to all the values following it.

--beehive_home_filter

A beehive home filter is used to speed up searches. Use a comma to separate multiple values and a prefix `#` to specify excluding. Note: the prefix `#` is applied to all the values following it.

--output_target

Specify if direct the output to the screen or to a file.

--output_format

Specify output format. Supported formats are ODL-Text and XML.

--display_source

Default to false. Specify if display the name of the log file source for the returned record.

--display_original_copy

Default to false. Specify if display the original copy for the returned record.

--columns

Default is to display all the log record fields. Restrict to display only specified fields. Valid field names are: <ORG_ID | COMPONENT_ID | INSTANCE_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | MODULE_ID | PROCESS_ID | THREAD_ID | USER_ID | SUPPL_ATTRS | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | MSG_TEXT | MSG_ARGS | DETAIL_PATH | SUPPL_DETAIL | TSTZ_ORIGINATING | TSTZ_NORMALIZED | HOST_ID | HOST_NWADDR | PROB_KEY | BEE_COMPID | BEE_PRINCIPALID | BEE_COMPNAME | BEE_LOGONRECID | BEE_VTHREADID>. Note: field TSTZ_ORIGINATING will always be displayed.

--log_analysis

Default to false. Specify if choose to do the log analysis.

--report_time_range

Specify the desired time range for log analysis report. Only apply when option log_analysis is true.

--report_message_type

Specify the desired message type of the unique message count for log analysis report. Only apply when option log_analysis is true.

--analysis_field

Specify the desired unique count analysis field. Valid field names are: <ORG_ID | COMPONENT_ID | INSTANCE_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_GROUP | MODULE_ID | PROCESS_ID | THREAD_ID | USER_ID | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | MSG_TEXT | DETAIL_PATH | SUPPL_DETAIL | HOST_ID | HOST_NWADDR | PROB_KEY | BEE_COMPID | BEE_COMPNAME | BEE_PRINCIPALID | BEE_LOGONRECID | BEE_VTHREADID>

--get_latest

Default to false. Specify if choose to get the latest log record.

--order_by

Valid order-by column names are: <TSTZ_ORIGINATING | TSTZ_NORMALIZED | ORG_ID | COMPONENT_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | HOST_ID | HOST_NWADDR | MODULE_ID | PROCESS_ID | USER_ID | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | THREAD_ID |

INSTANCE_ID | MSG_TEXT | BEE_COMPID | BEE_PRINCIPALID | BEE_COMPNAME | BEE_LOGONRECID | BEE_VTHREADID>.

--sort

The query result set can be sorted in ascending or descending order.

--local_search

Default to false. Specify if choose to search log files on the local machine only. Only work when the log_root option is also specified.

--log_root

Specify the log file root for local_search option.

--search_string_file_name

Specify the search string file name, a convenient way to enter multiple search strings. The format is one string per line. Valid only when the log_analysis option is true.

--display_ignored_summary_only

_PRINCIPAL_ID and LOGIN_ID if choose to display ignored summary only. Valid only when the log_analysis option is true.

EXAMPLES

```
beectl export_filesystem_logs --search_string "(user_id='janedoe' || user_id='johndoe') && \!component_id='j2ee' && (msg_text='esb_console' op='contains')"
```

```
beectl export_filesystem_logs --search_string "(TSTZ_ORIGINATING='2007-05-31T17:06:45.620-07:00,2007-05-31T17:08:15.639-07:00')"
```

```
beectl export_filesystem_logs --search_string "(TSTZ_ORIGINATING='2007-05-31T17:06:45.620-07:00')"
```

--maximum_results 10

```
beectl export_filesystem_logs --search_string "(user_id='janedoe' && module_id='security.oc4j')"
```

--file_name_filter beeapp/log.txt,beemgmt --host_name_filter #some-host-name,some-other-host-name --beehive_home_filter /root/dir/product/1.0.6.1.0/beehive_119 --output_target /tmp/temp.log --output_format xml --maximum_results 16

```
beectl export_filesystem_logs --log_analysis --report_time_range 2880 --local_search --log_root log_root/some_log_directory
```

export_icalendar

Export invitations and assignments from a calendar and/or tasklist to an iCalendar file.

SYNTAX

```
beectl export_icalendar --file <file> [--overwrite] [--charset <charset>] { --do_as <unique_identifier> | --do_as_address <uri> | --do_as_authuser <authuser> } [{ --calendar <unique_identifier> | --nocalendar }] [{ --tasklist <unique_identifier> | --notasklist }] [--filter_uid <icalendar_uid>] [--filter_organizer <uri>] [--filter_timerange_start <date-time>] [--filter_timerange_end <date-time>]
```

```
[--removeicalname <canonical_ical_name>] [--authuser <authuser> --authpassword  
<password>] [--obfuscated]
```

OPTIONS

--file

Specify the full path and name of the iCalendar file to export.

--overwrite

Specify this option to overwrite the iCalendar export file if it already exists.

--charset

Specify the charset that is to be used in the iCalendar file that is being exported (<http://www.iana.org/assignments/character-sets>).

--do_as

Specify the unique identifier of the user or resource performing the action.

--do_as_address

Specify the Uniform Resource Identifier (URI) of the user or resource performing the action.

--do_as_authuser

Specify the login name of the user performing the action.

--calendar

Specify the unique identifier of the source calendar, the default calendar of the "do_as" entity will be used if nothing is specified.

--tasklist

Specify the unique identifier of the source tasklist, the default tasklist of the "do_as" entity will be used if nothing is specified.

--filter_uid

Specify a iCalendar UID. This will filter the export to include only invitations and assignments matching the iCalendar UID.

--filter_organizer

Specify an organizer URI. This will filter the export to include only invitations and assignments matching the organizer.

--filter_timerange_start

Specify a start date. This will filter the export to include only invitations and assignments after the specified date.

--filter_timerange_end

Specify an end date. This will filter the export to include only invitations and assignments before the specified date.

--nocalendar

Do not export from a calendar (VEVENT components will not be exported).

--notasklist

Do not export from a tasklist (VTODO components will not be exported).

--removeicalname

Remove canonical ical names such as VCALENDAR.VEVENT.VALARM, VCALENDAR.VEVENT.ORGANIZER.

EXAMPLES

```
beectl export_icalendar --file file.ics --do_as_address
user@example.com --filter_timerange_start 2007-01-01T01:01:01Z
--filter_timerange_end 2007-02-01T01:01:01Z
```

export_logs

With an option of refreshing the repository first, query the repository to get relevant log records from log files stored on host machines.

SYNTAX

```
beectl export_logs {{ --query_string <string> [ --refresh_repository <true> ] } |
--refresh_repository <true> } [--order_by <string>] [--sort <string>] [--columns
<string_list>] [--output_target <string>] [--output_format <string>] [--display_
source <true|false>] [--maximum_results <int>]
```

OPTIONS**--query_string**

Mandatory if option "refresh_repository" is not specified. A query string is composed of a single or a combination of query conditions. A query condition has a field name (e.g. user_id='janedoe'), an operation type (e.g. op='contains') and condition operands (!, &&, |). The brackets "(" are used to group query conditions together. Valid query field names are: <TSTZ_ORIGINATING | TSTZ_NORMALIZED | ORG_ID | COMPONENT_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | MSG_LEVEL | HOST_ID | HOST_NWADDR | MODULE_ID | PROCESS_ID | USER_ID | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | THREAD_ID | INSTANCE_ID | MSG_TEXT | BEE_COMPID | BEE_PRINCIPALID | BEE_COMPNAME | BEE_LOGONRECID | BEE_VTHREADID | ATTRIBUTE_VALUE_TO_PRINCIPAL_ID | LOGIN_ID_TO_PRINCIPAL_ID>. Valid operation types are: <EQUALS | CONTAINS | STARTS_WITH | EQUALS_IGNORE_CASE | CONTAINS_IGNORE_CASE | STARTS_WITH_IGNORE_CASE | MATCHES | MATCHES_IGNORE_CASE>Note: The query string must be enclosed in a pair of double-quotes and \ must be used to escape ! operand. Time stamp query condition can contain two values separated by a comma. Query fields ATTRIBUTE_VALUE_TO_PRINCIPAL_ID and LOGIN_ID_TO_PRINCIPAL_ID are special cases. Field ATTRIBUTE_VALUE_TO_PRINCIPAL_ID works with four operation types: <equals | contains | beginsWith | endsWith> and the search operation is always case-insensitive. But the operation type is not applicable to field LOGIN_ID_TO_PRINCIPAL_ID and any operation type specified for it will be ignored. Those fields are used to match corresponding BEE_PRINCIPAL_ID. Then the matched BEE_

PRINCIPAL_ID will be used for the subsequent query with operation type <EQUALS> only.

--refresh_repository

Mandatory if option "query_string" is not specified. Force an upload of all the log files to refresh the repository.

--order_by

Valid order-by column names are: <TSTZ_ORIGINATING | TSTZ_NORMALIZED | ORG_ID | COMPONENT_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | MSG_LEVEL | HOST_ID | HOST_NWADDR | MODULE_ID | PROCESS_ID | USER_ID | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | THREAD_ID | INSTANCE_ID | MSG_TEXT | BEE_COMPID | BEE_PRINCIPALID | BEE_COMPNAME | BEE_LOGONRECID | BEE_VTHREADID>.

--sort

The query result set can be sorted in ascending or descending order.

--columns

Default is to display all the log record fields. Restrict to display only specified fields. Valid field names are: <ORG_ID | COMPONENT_ID | INSTANCE_ID | MSG_ID | HOSTING_CLIENT_ID | MSG_TYPE | MSG_GROUP | MODULE_ID | PROCESS_ID | THREAD_ID | USER_ID | SUPPL_ATTRS | UPSTREAM_COMPONENT_ID | DOWNSTREAM_COMPONENT_ID | EXEC_CONTEXT_UNIQUE_ID | ERROR_UNIQUE_ID | MSG_TEXT | MSG_ARGS | DETAIL_PATH | SUPPL_DETAIL | TSTZ_ORIGINATING | TSTZ_NORMALIZED | HOST_ID | HOST_NWADDR | PROB_KEY | BEE_COMPID | BEE_PRINCIPALID | BEE_COMPNAME | BEE_LOGONRECID | BEE_VTHREADID>. Note: field TSTZ_ORIGINATING will always be displayed.

--output_target

Specify if direct the output to the screen or to a file.

--output_format

Specify output format. Supported formats are ODL-Text and XML.

--display_source

Default to false. Specify if display the name of the log file source for the returned record.

--maximum_results

Maximum number of returned records.

EXAMPLES

```
beectl export_logs --refresh_repository true
```

```
beectl export_logs --query_string "((user_id='janedoe' || user_id='johndoe') && \!component_id='j2ee') && (msg_text='esb_console' op='contains')"
```

```
beectl export_logs --query_string "(TSTZ_
ORIGINATING='2007-05-31T17:06:45.620-07:00,2007-05-31T17:08:15.6
39-07:00')"
```

```
beectl export_logs --query_string "(TSTZ_
ORIGINATING='2007-05-31T17:06:45.620-07:00')" --maximum_results
10
```

```
beectl export_logs --query_string "(user_id='janedoe'&&module_
id='security.oc4j')" --order_by THREAD_ID --sort descending
--columns MODULE_ID --columns USER_ID --columns USER_ID
--columns MSG_TEXT --columns THREAD_ID --output_target
/tmp/temp.log --output_format xml --display_source true
--maximum_results 10
```

export_policy

Exports policy data into an XML file.

SYNTAX

```
beectl export_policy --policy_name <name of the policy to export> --scope
<identifier of the container where the policy is defined> --destination
<destination directory where the XML file will be exported>
```

OPTIONS

--policy_name

Specify the name of the policy to export.

--scope

Specify the policy container identifier.

--destination

Specify the destination directory for the XML file.

EXAMPLES

```
beectl export_policy --policy_name MyPolicy --scope
enpr=MyEnterprise --destination /private
```

export_probes

Lists all probe information in beehive.

SYNTAX

```
beectl export_probes
```

OPTIONS

--id

ID of a Probe to get detailed information about

--summary

Get Summary

--start

Start time to search for probes

--end

End time to search for probes

--service_instance

Service instance names to search for

--calling_class

Calling class

--threadID

Thread ID

--thread_rep

Thread Rep

--txn_ctx

Transaction Context

--user_ctx

User context

--arg_type**--arg_value****--msgid****--throwable_text****EXAMPLES**

```
beectl export_probes
```

Lists all probe information in beehive.

export_workspace

Exports workspace contents into an external directory.

SYNTAX

beectl export_workspace --workspace <Workspace identifier> --output_dir <Output directory> [--log_file <The log file where the results will be printed. If none is specified, the log file will be located in the output directory, and will be called export-log-(timestamp). This option can be either the path to a logfile or the path to a directory. If the latter, the log file will be created under the directory with the default name export-log-(timestamp).>]

OPTIONS

--workspace

Workspace identifier

--output_dir

Output directory

--log_file

The log file where the results will be printed. If none is specified, the log file will be located in the output directory, and will be called export-log-(timestamp). This option can be either the path to a logfile or the path to a directory. If the latter, the log file will be created under the directory with the default name export-log-(timestamp).

EXAMPLES

```
beectl export_workspace --workspace wksp=test_team_ws,orgn=test_
org,enpr=test_enterprise --output_dir /scratch/export/wspc
--log_file /tmp/export.log
```

import_coexistence_data

Import data from the coexisting remote system for a given user.

SYNTAX

```
beectl import_coexistence_data {--user <user_cen> | --email <user_email> } --data_
type <type> [--data_type <type> ...] [--timerange_start <start>] [--relative_
timerange_start <relative_start>] [--timerange_end <end>] [--relative_timerange_
end <relative_end>] [--modified_since <modified_since>] beectl import_
coexistence_data --generate_refresh_import_commands --generated_file <file>
[--system_affinity <system_name>]
```

OPTIONS

--user

Specify the identifier of the user.

--email

Specify the email address of the user.

--data_type

Type of data to import. Must be one of: MEETING, TASK.

--timerange_start

Start date time of import time range.

--relative_timerange_start

Start time of import time range specified by number of days relative to current time (eg. -30)

--timerange_end

End date time of import time range.

--relative_timerange_end

End time of import time range specified by number of days relative to current time (eg. 90)

--modified_since

Import only entries that have been modified since the specified date.

--generate_refresh_import_commands

Generate the import commands to import all newer entries of coexisting remote users using a [-14 days, INFINITY] date range. This is required after converting profiles to accessible_by beehive. The generated command file can be used with beectl --batchfile.

--generated_file

Specify the generated output file. This file is generated only when generate_refresh_import_commands option is selected and will hold the newly generated coexistence_data_import commands.

--system_affinity

Specify the name of the coexisting remote system.

EXAMPLES

```
beectl import_coexistence_data --user user=user_loginid --data_
type TASK --data_type MEETING --relative_timerange_start=-90
--relative_timerange_end 90
```

```
beectl import_coexistence_data --email user@example.com --data_
type MEETING --timerange_start 2007-10-01T12:00:00Z --timerange_
end NOW
```

```
beectl import_coexistence_data --user user=user_loginid --data_
type MEETING --timerange_start=-INFINITY --timerange_end
INFINITY
```

```
beectl import_coexistence_data --generate_refresh_import_
commands --generated_file outfile.beectl
```

import_documents

Imports documents into Beehive from files on the server without copying the file content. Data on the server files will be treated as read-only; should an imported document be edited in Beehive, a copy of the content will be made at that time.

SYNTAX

```
beectl import_documents --filesystem_reference <Identifier of the filesystem
reference> --folder_path <Folder path> [ --name_filter <Name filter> ] [
--conflict_resolution_mode <ABORT, OVERWRITE, or CREATE_UNIQUE> ]
```

OPTIONS**--filesystem_reference**

Identifier of the filesystem reference to import from.

--folder_path

Full path of the Beehive folder to import to. E.g.

/MyEnterprise/MyOrganization/MyWorkspace/Documents/MyFolder would import to MyFolder.

--name_filter

(Optional) Filter to use for choosing which documents to import. Syntax is equivalent to SQL LIKE. E.g. 'file%' would import file1, file2.txt, but not my_file. If not specified, defaults to '%', which includes all documents.

--conflict_resolution_mode

(Optional) How to handle naming conflicts between existing Beehive documents and new documents being imported. ABORT will avoid creating the conflicting document, OVERWRITE will overwrite the conflicting document, and CREATE_UNIQUE will create a unique name for the imported document. If not specified, defaults to CREATE_UNIQUE.

EXAMPLES

```
beectl import_documents --filesystem_reference
fsref=MyFileSystemReference,enpr=MyEnterprise --folder_path
/MyEnterprise/MyOrganization/MyWorkspace/Documents/MyFolder
--name_filter %.txt --conflict_resolution_mode CREATE_UNIQUE
```

import_email_data

Import email data from a file created by export command into a given folder

SYNTAX

```
beectl import_email_data --user_name <user name> --folder <folder name> --file
<file name>
```

OPTIONS**--user_name**

The authentication ID of the user to be exported/imported.

--folder

The relative folder path (from the workspace level) of the folder to hold all the imported data.

--file

The file name of the file that holds the exported email data.

EXAMPLES

```
beectl import_email_data --user_name user1 --folder
Archive/backup1 --file user1.dat
```

import_icalendar

Import an iCalendar file to an existing calendar and/or tasklist. If an iCalendarObject has a UID that already exists in the destination calendar and/or tasklist it will be re-created. VCALENDAR components can have many VEVENT and VTODO sub-components with different UIDs but sub-components of the same UID must be consecutive. A VCALENDAR component imported with a METHOD:X-ORACLE-DELETE or METHOD:CANCEL will cause all sub-components to be deleted.

SYNTAX

```
beectl import_icalendar --file <file> [--charset <charset>] { --do_as <unique_
identifier> | --do_as_address <uri> | --do_as_authuser <authuser> } [--continue_
on_error] [{ --calendar <unique_identifier> | --nocalendar } ] [{ --tasklist
<unique_identifier> | --notasklist } ] [--authuser <authuser> --authpassword
<password>] [--obfuscated] [--holiday] [--migration [--reconciliation]]
[--removeicalname <canonical_ical_name>]
```

OPTIONS**--file**

Specify the full path and name of the iCalendar file to import.

--charset

Specify the charset that is used in the iCalendar file that is being imported (<http://www.iana.org/assignments/character-sets>).

--do_as

Specify the unique identifier of the user or resource performing the action.

--do_as_address

Specify the Uniform Resource Identifie (URI) of the user or resource performing the action.

--do_as_authuser

Specify the login name of the user performing the action.

--continue_on_error

Force the tool to continue the import even if some of the iCalendar objects fail to be imported.

--calendar

Specify the unique identifier of the destination calendar, the default calendar of the "do_as" entity will be used if nothing is specified.

--tasklist

Specify the unique identifier of the destination tasklist, the default tasklist of the "do_as" entity will be used if nothing is specified.

--nocalendar

Do not import to a calendar (Discard VEVENT components).

--notasklist

Do not import to a tasklist (Discard VTODO components).

--holiday

All events imported in a team workspace will be imported as Holiday events.

--migration

Specify that all the iCalendar file will be imported in the context of a migration. The participation status of all users can be set by the importer and a limited number of beehive events will be raised.

--reconciliation

Specify that a reconciliation should be done for existing meetings attended by the user before he was created in the system, this option can only be used if --migration is used.

--removeicalname

Remove canonical ical names such as VCALENDAR.VEVENT.VALARM, VCALENDAR.VEVENT.ORGANIZER.

EXAMPLES

```
beectl import_icalendar --file file.ics --do_as_address
user@example.com
```

import_timezones

Imports time zone definitions to the database.

SYNTAX

```
beectl import_timezones --file <absolute path of tzInfoPkg.xml>
```

OPTIONS**--file**

Specify the full path and file name of the time zone definition file (tzInfoPkg.xml).

EXAMPLES

```
beectl import_timezones --file $ORACLE_
HOME/beehive/seed/tm/tzInfoPkg.xml
```

import_workspace

Imports contents of an external directory into a new team workspace.

SYNTAX

```
beectl import_workspace --input_dir <Input directory> --scope <The scope under
which the workspace will be created.> [--log_file <The log file where the results
will be printed. If none is specified, the log file will be located in the input
directory, and will be called import-log-(timestamp). This option can be either
the path to a logfile or the path to a directory. If the latter, the log file will
be created under the directory with the default name import-log-(timestamp).>]
[--auto_name_resolution <Automatic workspace name conflict resolution.>] [--keep_
original_owner <Whether to keep the workspace's original owner.>] [--import_
members <Whether to import members.>] [--add_connected_user <Whether to add the
connected user to the new workspace.>] [--new_owner <New owner>]
```

OPTIONS

--input_dir

Input directory

--scope

The scope under which the workspace will be created.

--log_file

The log file where the results will be printed. If none is specified, the log file will be located in the input directory, and will be called import-log-(timestamp). This option can be either the path to a logfile or the path to a directory. If the latter, the log file will be created under the directory with the default name import-log-(timestamp).

--auto_name_resolution

Automatic workspace name conflict resolution.

--keep_original_owner

Whether to keep the workspace's original owner.

--import_members

Whether to import members.

--add_connected_user

Whether to add the connected user to the new workspace.

--new_owner

New owner

EXAMPLES

```
beectl import_workspace --input_dir /scratch/import/wspc --scope
orgn=test_org,enpr=test_enterprise --log_file /tmp/import.log
--auto_name_resolution false --keep_original_owner false
--import_members false --add_connected_user true --new_owner
user=beeadmin
```

list_access_control_fields

Lists the AccessControlFields of an entity.

SYNTAX

```
beectl list_access_control_fields --entity <unique identifier of the entity>
```

OPTIONS**--entity**

Specify the unique identifier of the entity for which the AccessControlFields should be listed.

EXAMPLES

```
beectl list_access_control_fields --entity  
adoc=MyDocument, wksp=MyWorkspace, enpr=MyEnterprise
```

list_access_types

Lists available access type names and identifiers.

SYNTAX

```
beectl list_access_types
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_access_types
```

list_applied_workspace_templates

Lists the workspace templates that have been applied to this workspace. For each applied template it indicates whether this workspace is a template evolution target.

SYNTAX

```
beectl list_applied_workspace_templates --workspace <Workspace identifier>
```

OPTIONS**--workspace**

Workspace identifier

EXAMPLES

```
beectl list_applied_workspace_templates --workspace wksp=test_  
team_ws, enpr=test_enterprise
```

list_assigned_roles

Lists AssignedRole entities.

SYNTAX

```
beectl list_assigned_roles [--scope <unique identifier of the Scope>] [--name
<like string>] [--role_definition <like string>]
```

OPTIONS**--scope**

Specify the unique identifier of the Scope of the AssignedRoles to be listed. If not specified the Scope will be the Enterprise.

--name

Specify the name pattern for the AssignedRoles to be listed. If not specified all accessible AssignedRoles will be returned.

--role_definition

Specify the name pattern for the RoleDefinitions of the AssignedRoles to be listed. If not specified any corresponding RoleDefinition is allowed for the returned AssignedRoles.

EXAMPLES

```
beectl list_assigned_roles --scope
wksp=MyWorkspace,enpr=MyEnterprise --name MyAssignedRole
```

list_attendant_aaml

Prints the Auto Attendant Markup Language for an auto attendant.

SYNTAX

```
beectl list_attendant_aaml --name <attendant name>
```

OPTIONS**--name**

Name of the attendant to be displayed.

EXAMPLES

```
beectl list_attendant_aaml --name myAttendant
```

list_attendant_prompts

Lists all prompts that have been uploaded for an attendant.

SYNTAX

```
beectl list_attendant_prompts --name <attendant name>
```

OPTIONS**--name**

Name of the attendant for which to display prompts.

EXAMPLES

```
beectl list_attendant_prompts --name my_attendant
```

list_attendants

Lists all attendants in the system.

SYNTAX

```
beectl list_attendants
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_attendants
```

list_audit_policies

Lists audit policies and prints policy information

SYNTAX

```
beectl list_audit_policies [--name <Name of the audit policy>] [--policy <Audit  
policy identifier>] [--detail]
```

OPTIONS**--name**

Name of the audit policy

--policy

Audit policy identifier

--detail

Detail toggle

EXAMPLES

```
beectl list_audit_policies --name MyPolicy
```

```
beectl list_audit_policies --name MyPolicy --detail
```

```
beectl list_audit_policies --policy MyPolicy
```

```
beectl list_audit_policies --policy plcy=MyPolicy --detail
```

list_audit_trails

Lists audit trails and prints trail information

SYNTAX

```
beectl list_audit_trails [--name <Name of the audit trail>] [--4] <Name of the
audit trail>]
```

OPTIONS

--name

Name of the audit trail

--trail

Audit trail identifier

EXAMPLES

```
beectl list_audit_trails --name MyAuditTrail
beectl list_audit_trails --trail audt=MyAuditTrail
```

list_bootstrap_configuration

Displays bootstrap configuration for local midtier.

SYNTAX

```
beectl list_bootstrap_configuration
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_bootstrap_configuration
```

list_calendar_enrollments

List the directly enrolled and directly unenrolled members of the specified team workspace calendar.

SYNTAX

```
beectl list_calendar_enrollments { --calendar <calendarid> | --calendarowner
<unique_identifier> | --select_by_address <uri> | --select_by_workspace_name
<workspace_name> }
```

OPTIONS

--calendar

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a team workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a team workspace using the format '[scheme:]value'. If scheme is not supplied, mailto will be used.

--select_by_workspace_name

Specify the name of a team workspace.

EXAMPLES

```
beectl list_calendar_enrollments --select_by_address  
teamworkspace@example.com
```

list_calendar_permissions

List the access control permissions of a user, resource or workspace's calendar. When multiple calendars match the selection criteria for the user, resource or workspace, the default calendar will be used.

SYNTAX

```
beectl list_calendar_permissions { --calendar <calendarid> | --calendarowner  
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>  
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |  
--select_by_workspace_name <workspace_name> }
```

OPTIONS**--calendar**

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource or workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

EXAMPLES

```
beectl list_calendar_permissions --select_by_address
user@example.com
```

list_calendars

Lists the existing calendars of a user, resource or workspace.

SYNTAX

```
beectl list_calendars { --calendar <calendarid> | --calendarowner <unique_
identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> } [ --show <DEFAULT | ALL | MORE>]
```

OPTIONS**--calendar**

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource or workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--show

Lists some or all of the attributes of the calendar. Valid values are DEFAULT, ALL or MORE. If nothing (or DEFAULT) is specified the default important attributes are listed.

EXAMPLES

```
beectl list_calendars --select_by_address user@example.com
```

list_categories

Lists the categories in the enterprise. If the recurse option is used then sub-categories are also listed.

SYNTAX

```
beectl list_categories --recurse <Y/N> --parent_category <Identifier of the parent
category> --output_format <XML>
```

OPTIONS**--recurse**

Control the categories that are returned. Use the Y argument with this option to return all categories in an enterprise. Use the N argument with this option to return only root level categories.

--parent_category

Unique Identifier for Parent Category.

--output_format

If 'XML' the output is sent as xml to standard out else its printed as table on standard output.

EXAMPLES

```
beectl list_categories --recurse Y --parent_category
catg=Resource_US,catg=Resource_ROOT,enpr=bee_ent
```

```
beectl list_categories --recurse Y --parent_category
catg=Resource_US,catg=Resource_ROOT,enpr=bee_ent --output_format
XML
```

list_category

Prints information about a category given a category identifier

SYNTAX

```
beectl list_category --category <Identifier of the category to be listed>
```

OPTIONS**--category**

Specify the identifier of the category.

EXAMPLES

```
beectl list_category --category catg=Resource_US,catg=Resource_
ROOT,enpr=bee_ent
```

list_category_applications

List all the categories (and associated attributes) applied to a specific entity. Lists the application of a specific category to the entity if the [category] parameter is provided.

SYNTAX

```
beectl list_category_applications --entity <entity id> --category <category id>
```

OPTIONS

--entity

Identifier of the entity for which applied categories should be listed.

--category

Identifier of a specific category whose application should be listed.

EXAMPLES

```
beectl list_category_applications --entity wksp=Example_Team_
Workspace, enpr=Oracle
```

```
beectl list_category_applications --entity wksp=Example_Team_
Workspace, enpr=Oracle --category
catg=TechnicalDocuments, enpr=Oracle
```

list_category_configuration

Lists the category configuration on the given scope or heterogenous folder.

SYNTAX

```
beectl list_category_configuration --container <Configuration scope or
heterogenous folder>
```

OPTIONS

--container

Scope or heterogenous folder on which the category configuration should be listed.

EXAMPLES

```
beectl list_category_configuration --container
orgn=MyOrganization, enpr=MyEnterprise
```

list_client_application_configuration

Lists the client application configurations.

SYNTAX

```
beectl list_client_application_configuration [--configuration <client application
configuration identifier >|--community <community identifier>}
```

OPTIONS

--community

Specify the identifier of the community.

--configuration

Specify the identifier of the client application configuration.

EXAMPLES

```
beectl list_client_application_configuration --configuration
1234:5678:capc:2E0329B0705F0E40E040578C92160957000000000434

beectl list_client_application_configuration --community
orgn=myOrg,enpr=myEnterprise
```

list_client_application_modules

Lists the modules for a given client application patchset.

SYNTAX

```
beectl list_client_application_modules --patchset <identifier of the client
application patchset>
```

OPTIONS**--patchset**

Specify the identifier of the client application patchset. {--select_users_without_profile|-ion_patchsets command to determine the identifier of a client application patchset.

EXAMPLES

```
beectl list_client_application_modules --patchset
1234:5678:capp:2E0329B0705F0E40E040578C92160957000000000434
```

list_client_application_patchsets

Lists the patchsets for a given client application version.

SYNTAX

```
beectl list_client_application_patchsets --application_version <identifier of the
client application version>
```

OPTIONS**--application_version**

Specify the identifier of the client application version. Use list_client_application_versions command to determine the identifier of a client application version.

EXAMPLES

```
beectl list_client_application_patchsets --application_version
1234:5678:capv:2E0329B0705F0E40E040578C92160957000000000434
```

list_client_application_versions

Lists all the versions for a given client application.

SYNTAX

```
beectl list_client_application_versions --application <identifier of the client
```



```
application>
```

OPTIONS

--application

Specify the identifier of the client application. Use `list_client_applications` command to determine the identifier of the client application.

EXAMPLES

```
beectl list_client_application_versions --application  
1234:5678:capn:2E0329B0705F0E40E040578C921609570000000000434
```

list_client_applications

Lists all the client applications.

SYNTAX

```
beectl list_client_applications
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_client_applications
```

list_client_applications_usage

Lists the client applications usage report. The command displays the number of devices that have installed a client application.

SYNTAX

```
beectl list_client_applications_usage
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_client_applications_usage
```

list_clone_properties

Lists the set of system model properties required for ias cloning scripts.

SYNTAX

```
beectl list_clone_properties
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_clone_properties
```

list_coexistence_connectors

Lists all coexistence connectors for a coexisting remote system.

SYNTAX

```
beectl list_coexistence_connectors
```

OPTIONS**--show**

Show extra connector details.

--name

Specify the name of the coexisting remote system.

EXAMPLES

```
beectl list_coexistence_connectors
```

list_coexistence_profiles

Lists the profile of coexisting users.

SYNTAX

```
beectl list_coexistence_profiles [--user <user_identifier>|--email <user_email>  
<example_message>beectl list-select_users_with_profile} --file <file_name> }]  
[--show] [--sort]
```

OPTIONS**--user**

Specify the identifier of the user.

--email

Specify the email address of the user.

--select_users_without_profile

List users without a coexistence profile in a XML document.

--select_users_with_profile

List users with a coexistence profile in a XML document.

--file

Specify the name of the file in which the list should be outputed.

--show

Specify the details level. Supported values: MORE, ALL.

--sort

List coexisting users ordered by their name.

EXAMPLES

```
beectl list_coexistence_profiles
```

```
beectl list_coexistence_profiles --select_users_without_profile
--file users.xml
```

```
beectl list_coexistence_profiles --user user=user_loginid --show
ALL
```

list_coexistence_status

Reports the status of the coexisting containers and coexistence profiles.

SYNTAX

```
beectl list_coexistence_status [--calendar] [--tasklist] [--addressbook]
[--message_inbox] [--profile]
```

OPTIONS**--calendar**

Lists calendar coexistence status.

--tasklist

Lists task list coexistence status.

--addressbook

Lists address book coexistence status.

--message_inbox

Lists message inbox coexistence status.

--profile

Lists coexistence profile registration status.

EXAMPLES

```
beectl list_coexistence_status
```

```
beectl list_coexistence_status --profile
```

```
beectl list_coexistence_status --calendar
```

list_coexistence_systems

Lists all coexisting remote systems.

SYNTAX

```
beectl list_coexistence_systems
```

OPTIONS

EXAMPLES

```
beectl list_coexistence_systems
```

list_command_metadata

Lists all the metadata about given command.

SYNTAX

```
beectl list_command_metadata --command_name <command name>
```

OPTIONS

--command_name

Command name.

EXAMPLES

```
beectl list_command_metadata --command_name list_command_
metadata
```

list_commands

Lists the command names based on the given criteria.

It also lists all the available categories and actions for easy access. If the command is executed with various options then the result would be command names qualifying for ALL specified criteria rather than ONE OR MORE of the criteria.

SYNTAX

```
beectl list_commands (--display_actions | --display_categories | ( [--action
<action name>] [--category <category name> ] [--name <substring of desired command
list> ] [--advanced] [--all_visibilities])
```

OPTIONS

--display_actions

Displays all available actions.

--display_categories

Displays all available categories.

--action

Search will be based on given action.

--category

Search will be based on given category. This option can be supplied multiple times.

--name

Command name substring, a regular expression using * or ? can be used as option value. Blank search using * or ? meta characters only is not supported. Though these characters can be used at the end of the pattern. For example, list* is a valid pattern, but *list is not.

--advanced

Lists advanced visibility data.

--all_visibilities

Lists general and advanced visibility data.

EXAMPLES

```
beectl list_commands --display_actions
```

```
ectl-output_commands --display_categories
```

```
beectl list_commands --advanced
```

```
beectl list_commands --category "users" --category "coexistence"
--action LIST
```

Above example will return all command names having general visibility, categories users, coexistence and action LIST.

```
beectl list_commands --category "users" --name oc4j
```

Above example will list all the commands which have "oc4j" in their name.

Specifying Visibility Options: Any of the following options can be used for specific visibility data.

--advanced can be passed to include advanced visibility data.

--all_visibilities can be passed to include general and advanced visibility data.

list_components

Lists components in the configuration repository.

If no option is specified, then all the components in the configuration repository will be listed.

When --type <type name> is specified all the components of that type are listed.

When `--use_local_home` flag is specified, only managed system components from the current ORACLE HOME is returned.

All the property values are assumed to be strings and with that assumption search is performed.

SYNTAX

```
beectl list_components [--display_types | [--type <type name>]] [--use_local_home]
[--configuration_version <required version>])
```

OPTIONS

--display_types

Displays all the valid component types.

--type

Lists all components of given type.

--use_local_home

Searches only in the current ORACLE HOME.

--configuration_version

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command `list_configuration_versions` for valid snapshot identifiers.

--advanced

Lists advanced visibility data.

--all_visibilities

Lists general and advanced visibility data.

EXAMPLES

```
beectl list_components
```

```
beectl list_components --type ServiceInstance
```

Lists all the components of type `ServiceInstance`.

```
beectl list_components --display_types
```

Above example lists all valid component type names.

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

--configuration_version 89098787 can be passed to use snapshot having specific creation time as 89098787.

--configuration_version active can be passed for active snapshot.

--configuration_version proposed can be passed for latest proposed snapshot.

Specifying Visibility Options: Any of the following options can be used for specific visibility data.

--advanced can be passed to include advanced visibility data.

--all_visibilities can be passed to include general and advanced visibility data.

list_conference_templates

Lists conference-template artifacts under workspace

SYNTAX

```
beectl list_conference_templates --parent <Workspace identifier> --count-limit <A count limit for a list of conference templates>
```

OPTIONS

--parent

Workspace identifier

--count-limit

A count limit for a list of conference templates

EXAMPLES

```
beectl list_conference_templates --parent
wkspace=MyWorkspace, enpr=MyEnterprise
```

list_conferences

Lists conference artifacts under workspace

SYNTAX

```
beectl list_conferences --parent <Workspace identifier> --count-limit <A count limit for a list of conferences>
```

OPTIONS

--parent

Workspace identifier

--count-limit

A count limit for a list of conferences

EXAMPLES

```
beectl list_conferences --parent  
wksp=MyWorkspace, enpr=MyEnterprise
```

list_configuration_versions

Lists all available configuration versions and activation time information

SYNTAX

```
beectl list_configuration_versions [--configuration_version <required version>]
```

OPTIONS**--configuration_version**

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command `list_configuration_versions` for valid snapshot identifiers.

EXAMPLES

```
beectl list_configuration_versions
```

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

`--configuration_version 89098787` can be passed to use snapshot having specific creation time as 89098787.

`--configuration_version active` can be passed for active snapshot.

`--configuration_version proposed` can be passed for latest proposed snapshot.

list_connection_pools

Lists available connection pools in the system.

SYNTAX

```
beectl list_connection_pools [--configuration_version <required version>]
```

OPTIONS**--configuration_version**

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column

from the output of command `list_configuration_versions` for valid snapshot identifiers.

EXAMPLES

```
beectl list_connection_pools
```

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

`--configuration_version 89098787` can be passed to use snapshot having specific creation time as 89098787.

`--configuration_version active` can be passed for active snapshot.

`--configuration_version proposed` can be passed for latest proposed snapshot.

list_custom_user_properties

The `list_custom_user_properties` command lists all custom properties of users.

SYNTAX

```
beectl list_custom_user_properties
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_custom_user_properties
```

list_deleted_organizations

Lists deleted organizations

SYNTAX

```
beectl list_deleted_organizations
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_deleted_organizations
```

list_deleted_workspaces

Lists deleted workspaces

SYNTAX

```
beectl list_deleted_workspaces
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_deleted_workspaces
```

list_deployment_templates

Lists the available deployment templates in central configuration repository

SYNTAX

```
beectl list_deployment_templates [ --component <component id> ] [--configuration_
version <required version>] [--advanced] [--all_visibilities]
```

OPTIONS**--component**

Alias or identifier of deployment template configuration object.

--configuration_version

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command list_configuration_versions for valid snapshot identifiers.

--advanced

Lists advanced visibility data.

--all_visibilities

Lists general and advanced visibility data.

EXAMPLES

```
beectl list_deployment_templates
```

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

--configuration_version 89098787 can be passed to use snapshot having specific creation time as 89098787.

--configuration_version active can be passed for active snapshot.

--configuration_version proposed can be passed for latest proposed snapshot.

Specifying Visibility Options: Any of the following options can be used for specific visibility data.

--advanced can be passed to include advanced visibility data.

--all_visibilities can be passed to include general and advanced visibility data.

list_device_commands

Lists the device commands for a given device. The list can be further filtered by specifying the status of the device command.

SYNTAX

```
beectl list_device_commands --device <identifier of the device> [--status <device
command status>]
```

OPTIONS

--device

Specify the identifier of the device. Use list_devices command to determine the identifier of the device.

--status

Specify the status of the device command. The following are the valid command statuses: PENDING SUCCESS ERROR WARNING

EXAMPLES

```
beectl list_device_commands --device
1234:5678:devi:1234567890123456789012 --status PENDING
```

list_device_logs

Lists the device logs for a given device.

SYNTAX

```
beectl list_device_logs --device <identifier of the device>
```

OPTIONS

--device

Specify the identifier of the device. Use list_devices command to determine the identifier of the device.

EXAMPLES

```
beectl list_device_logs --device
1234:5678:devi:1234567890123456789012
```

list_device_profiles

Lists all the device profiles.

SYNTAX

```
beectl list_device_profiles
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_device_profiles
```

list_device_types

Lists all the device types.

SYNTAX

```
beectl list_device_types
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_device_types
```

list_devices

Lists the devices either belonging to a user or with the specified device status.

SYNTAX

```
beectl list_devices [--user <identifier of the user>|--status <device status>]
[--count_limit <count limit>]
```

OPTIONS

--user

Specify the identifier of the user owning the device. Use list_users command to determine the identifier of a user.

--status

Specify the status of the device. The following are the valid device statuses: ACTIVE PROVISIONED BLACKLISTED LOCKDOWN .

--count_limit

Specify the maximum number of rows to be returned.

EXAMPLES

```
beectl list_devices --user user=john.doe
beectl list_devices --status BLACKLISTED
```

list_directory_profiles

The list_directory_profiles command lists directory profiles in an XML file.

SYNTAX

```
beectl list_directory_profiles --file <filename>
```

OPTIONS**--file**

XML file to be created.

EXAMPLES

```
beectl list_directory_profiles --file MyDirectoryProfile.xml
```

list_email_messages

List the email messages in a transport queue

SYNTAX

```
beectl list_email_messages --queue_id <queue_id> --max_count <max_count>
```

OPTIONS**--queue_id**

The email transport queue id

--max_count

The maximum count of rows to be displayed

EXAMPLES

```
beectl list_email_messages --queue_id 1234 --max_count 100
```

list_email_queues

List the email transport queues information

SYNTAX

```
beectl list_email_queues
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_email_queues
```

list_enterprises

Lists all enterprises and prints names and identifiers

SYNTAX

```
beectl list_enterprises
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_enterprises
```

list_errorcode_catalog

List all error code definitions in beehive.

SYNTAX

```
beectl list_errorcode_catalog [--display_columns <STRING_LIST>] [--errorcode_range  
<xxxxx-yyyyy>] [--errorcode <BEEEX-12345> ... ]
```

OPTIONS**--display_columns**

Comma separated list of columns to be displayed. Valid arguments are [service, messageid, displayname, severity, cause, effect, action]

--errorcode_range

Dash-separated range of error codes to list from the catalog, without the prefix.
Default: 00000-99999

--errorcode

An individual error code to display information about, including prefix.

EXAMPLES

```
beectl list_errorcode_catalog
```

Lists all error code definitions in beehive.

```
beectl list_errorcode_catalog --display_columns  
messageid,displayname,cause --errorcode_range 00400-00499
```

Lists the messageid, display name, and cause of all errorcodes
between 00400 and 00499

```
beectl list_errorcode_catalog --errorcode 'BEEU-00822'
```

Lists all catalog information on the error BEEU-00822

list_event_groups

Lists all business object events.

SYNTAX

```
beectl list_event_groups [ --name <name of event group to be listed> ]
```

OPTIONS

--name

Specify the name of the event to be listed.

EXAMPLES

```
beectl list_event_groups --name MyEventGroup
```

list_events

Lists all business object events.

SYNTAX

```
beectl list_events [ --internal_name <event name to be listed> ]
```

OPTIONS

--internal_name

Specify the name of the event to be listed.

EXAMPLES

```
beectl list_events --internal_name MyEvent
```

list_expertise_background_jobs

Displays the status of all expertise background jobs.

SYNTAX

```
beectl list_expertise_background_jobs { [ --job <job> ] [--detail] }
```

OPTIONS

--job

Job type of the expertise background job. Allowed values are CONFIDENCE_UPDATER, PROFILING_HANDLER, PROFILE_OPTIMIZER, PROFILE_TRANSFER, RELATIONSHIP_HANDLER and WHOIS_HANDLER.

--detail

A detailed view of all the specified jobs is shown.

EXAMPLES

```
beectl list_expertise_background_jobs --job PROFILE_TRANSFER
```

```
beectl list_expertise_background_jobs --job CONFIDENCE_UPDATER  
--detail true
```

```
beectl list_expertise_background_jobs --detail true
```

list_expertise_profiling_configuration

The `list_expertise_profiling_configuration` command lists the profiling configuration.

SYNTAX

```
beectl list_expertise_profiling_configuration
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_expertise_profiling_configuration
```

list_expertise_profiling_enabled_entities

The `list_expertise_profiling_enabled_entities` command lists all the entities for whom expertise profiling is enabled.

SYNTAX

```
beectl list_expertise_profiling_enabled_entities
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_expertise_profiling_enabled_entities
```

list_expertise_profiling_status

The `list_expertise_profiling_status` command lists the expertise profiling status of the user specified. The profiling status information comprises Enability, Bootstrap, Searchability statuses.

SYNTAX

```
beectl list_expertise_profiling_status --entity <identifier>
```

OPTIONS**--entity**

Identifier of the entity whose expertise profiling status is to be determined. Permitted value is a valid collab id or BODN id of the entity. This option is mandatory.

EXAMPLES

```
beectl list_expertise_profiling_status --entity
3F5B:23D3:user:40EA125BD4941FBEE040578CA8027E89000000030E6F
```

```
beectl list_expertise_profiling_status --entity
user=user1,enpr=oracle
```

list_expertise_relationship_blacklist_emails

The `list_expertise_relationship_blacklist_emails` command lists all the email addresses that have been blacklisted for expertise relationship profiling.

SYNTAX

```
beectl list_expertise_relationship_blacklist_emails
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_expertise_relationship_blacklist_emails
```

list_expertise_stop_phrases

Lists the stop phrases for expertise service.

SYNTAX

```
beectl list_expertise_stop_phrases { --enterprise <enterprise
identifier> --output_format <output_format> }
```

OPTIONS**--enterprise**

Identifier of the enterprise for which the stop phrases will be added.

--output_format

The output format for stop phrases. Only XML format is supported.

EXAMPLES

```
beectl list_expertise_stop_phrases --enterprise enpr=Example
```

```
beectl list_expertise_stop_phrases --enterprise enpr=Example  
--output_format XML
```

list_expertise_user_scopes

The `list_expertise_user_scopes` command lists all expertise user scope or detailed version of supplied expertise user scope CollabId/BODN with `--expertise_user_scope` option.

SYNTAX

```
beectl list_expertise_user_scopes [--output_format <XML>] [--expertise_user_scope  
<BODN or CollabId>]
```

OPTIONS**--output_format**

Output format

--expertise_user_scope

CollabId or BODN format of the expertise user scope to be detailed.

EXAMPLES

```
beectl list_expertise_user_scopes --output_format XML
```

```
beectl list_expertise_user_scopes --expertise_user_scope  
exus=ExpertiseUserScopeName, enpr=Oracle
```

```
beectl list_expertise_user_scopes --expertise_user_scope  
416E:25BF:exus:6A9CBED7822AA32EE040578C5C8453AB000000018705
```

list_external_contacts

The `list_external_contacts` command lists contacts that match specified search criteria. If search criteria are not specified, then all contacts are listed. It also lists the details of the contact(s) whose identifier is specified.

SYNTAX

```
beectl list_external_contacts { --count <true|false> |  
--contact <identifier of external contact > [ --show <show  
attributes(ALL|MORE)> ] | --email_id <Email address of the user>  
[ --show <show attributes(ALL|MORE)> ] | [ --family_name <family name
```

```

of the contact> ... ]          [ --given_name <given name of the contact> ... ]
[ --display_name <display name of the contact> ... ]          [ --middle_name <middle
name of the contact> ... ]          [ --job_title <job title of the contact> ... ]
[ --prefix <prefix of the contact> ... ]          [ --suffix <suffix of the contact>
... ]          [ --nick_name <nick name of the contact> ... ]          [ --office_
location <office location of the contact> ... ]          [ --company <company of the
contact> ... ]          [ --profession <profession of the contact> ... ]          [
--department <department of the contact> ... ]          [ --organization
<organization identifier> ... ]          [ --property
<name(assistant|certificate|notes)=value=description> ... ]          [ --address
<type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ]          [ --status <status of
user(enabled|disabled|locked|marked_for_delete)> ... ]          [ --is_deleted
<true|false> ]          [ --created_by <identifier of creator> ... ]          [
--modified_by <identifier of modifier> ... ]          [ --match <match
attributes(ANY|ALL)> ]          [ --show <show attributes(ALL|MORE)> ]          }

```

OPTIONS

--contact

The identifier of the external contact

--email_id

Email id of the external contact

--family_name

Family name of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--given_name

Given name of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--display_name

Display name of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--middle_name

Middle name of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--job_title

Job title of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1%

will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--prefix

Prefix of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--suffix

Suffix of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--nick_name

ta_type="STRING">Feed type of the feed configuration. Permitted vaed. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--office_location

Office location of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--company

Company of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--profession

Profession of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--department

Department of the contact. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--organization

Identifiers of the organizations the contact belongs to.

--property

Details of the property in the format name=value. Supported names are certificate, assistant and notes. Note, no equals to symbol(=) should be present in the name or value.

--address

Address of the contact in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--status

Sets the provisioning status of the external contact. Sets the provisioning status of the user. Supported values are ENABLED, DISABLED, LOCKED.

--is_deleted

Contacts whose provisioning status is deleted.

--created_by

Identifier of the entity who created the contact.

--modified_by

Identifier of the entity who modified the contact.

--count

Lists the number of contacts. When this option is used, no other information about the contacts is listed.

--show

Lists some or all the attributes of the contact. Valid values are ALL or MORE. If nothing is specified the default important attributes are listed.

--match

Lists all contacts whose attributes match either one or more or all the predicates passed. Permitted values are ALL or ANY. Default is ALL.

EXAMPLES

```
beectl list_external_contacts
```

```
beectl list_external_contacts --count
```

```
beectl list_external_contacts --contact
6A95:21EB:extp:D9E9FC8134544BCE9D60559F9B997CCD000000000000
--show ALL
```

```
beectl list_external_contacts --email_id person1@example.com
--show MORE
```

```
beectl list_external_contacts --given_name User1GivenName --show ALL
```

```
beectl list_external_contacts --given_name User1% --office_location 4A0% --match ALL --show MORE
```

list_failed_action_events

List actions that have not completed successfully.

SYNTAX

```
beectl list_failed_action_events [ --bucket <Partition number> --sequence <Sequence number> ]
```

OPTIONS

--bucket

Partition number

--sequence

Sequence number

EXAMPLES

```
beectl list_failed_action_events --bucket MyBucketNumber --sequence MySequenceNumber
```

list_feed_configurations

The list_feed_configurations command lists the feed configurations in the given scope.

SYNTAX

```
beectl list_feed_configurations { --scope <scope identifier>
[--feedtype <feed type >] | [--feedtype <feed type > --effective_feed_configuration] }
```

OPTIONS

--scope

Scope in which the feed configuration will be created

--feedtype

st_groups --count </example_message> <examples are ANNOUNCEMENT, FORUM, FOLDER, LABEL, RECENT, TOPIC and VERSION.

--effective_feed_configuration

Get the effective feed configuration associated with the given scope. Default is true.

EXAMPLES

```
beectl list_feed_configurations --scope enpr=example
```

```
beectl list_feed_configurations --scope enpr=example --feedtype
RECENT --effective_feed_configuration True
```

list_file_plan

Lists the file plan.

SYNTAX

```
beectl list_file_plan
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_file_plan
```

list_filesystem_references

Lists the filesystem path, read-only status, and identifier of all available filesystem references.

SYNTAX

```
beectl list_filesystem_references
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_filesystem_references
```

list_groups

The `list_groups` command lists groups that match specified search criteria. If search criteria are not specified, then all groups are listed.

SYNTAX

```
beectl list_groups { --count <true|false> | --group
<Identifier of the group> [ --show <show attributes(ALL|MORE|MEMBERS)> ]
| --email <Email address of the group> [ --show <show
attributes(ALL|MORE|MEMBERS)> ] | [ --name <name of the group> ... ]
[ --description <description of the group> ... ] [ --scope <scope of the
group> ... ] [ --organization <organization identifier> ... ] [
--property <name(is_auto_confirm_on|moderator)=value=description> ... ] [
--address <type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ] [ --is_deleted <true|false> ... ]
[ --created_by <identifier of creator> ... ] [ --modified_by <identifier of
```

```
modifier> ... ] [ --match <match attributes(ANY|ALL)> ] [ --show
<show attributes(ALL|MORE|MEMBERS)> ] }
```

OPTIONS

--group

Identifier of the group

--email

Email id of the group

--name

Name of the group. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--description

Description of the group. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--scope

Scope or parent identifier of the group.

--organization

Identifiers of the organizations the group belongs to.

--property

Details of the property in the format name=value. Supported names are is_auto_confirm_on, moderator. Note, no equals to symbol(=) should be present in the name or value.

--address

Address of the group in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--is_deleted

Groups whose status is deleted.

--created_by

Identifier of the entity who created the group.

--modified_by

Identifier of the entity who modified the group.

--count

Lists the number of groups. When this option is used, no other information about the groups is listed.

--show

Lists some or all attribute or the members of the group. Valid values are ALL or MORE OR MEMBERS. If nothing is specified the default important attributes are listed.

--match

Lists groups whose attributes match either one or more or all the predicates passed. Permitted values are ALL or ANY. Default is ALL.

EXAMPLES

```
beectl list_groups
```

```
beectl list_groups --count
```

```
beectl list_groups --group grup=group1,enpr=example --show all
```

```
beectl list_groups --email group1@example.com --show more
```

```
beectl list_groups --group grup=group1,enpr=example --show
MEMBERS
```

```
beectl list_groups --name Group1Name --show all
```

```
beectl list_groups --name Group1% --scope enpr=enpr1 --match all
--show more
```

list_ischedule_servers

List remote iSchedule Server configurations.

SYNTAX

```
beectl list_ischedule_servers [--name <name>]
```

OPTIONS

--name

Name of the remote server configuration, can contain only alpha numerical characters, underscores and dashes.

EXAMPLES

```
beectl list_ischedule_servers --name remoteserver
```

list_language_pack

Displays summarized informations for the resources in language pack. The search criteria can include a combination of string contained in the resource name, locale of the resource, type of resource (built-in or custom). Note that only resources matching ALL (as compared to ANY) specified search criteria are displayed.

SYNTAX

```
beectl list_language_pack [--full | --base_name --locale --only_built_in --only_
custom]
```

OPTIONS

--full

List all resources in the language pack.

--base_name

List resources containing the specified name.

--locale

List resources with the specified locale.

--only_built_in

List only built-in resources.

--only_custom

List only custom resources.

EXAMPLES

Below command will display summarized information for resources which have been localized for English locale with names containing the string CommandImplRB, irrespective of whether they are built-in or custom.

```
beectl list_language_pack --base_name CommandImplRB --locale en
```

list_ldap_change_number

Lists the last change-log number processed by beehive for specified profile.

SYNTAX

```
beectl list_ldap_change_number --profile <profile>
```

OPTIONS**--profile**

Name of the profile.

EXAMPLES

```
beectl list_ldap_change_number --profile MyDirectoryProfileName
```

list_local_acl

Lists the Local Access Control List (LACL) of an entity.

SYNTAX

```
beectl list_local_acl --entity <unique identifier of the entity>
```

OPTIONS**--entity**

Specify the unique identifier of the entity for which the Local Access Control List (LACL) should be listed.

EXAMPLES

```
beectl list_local_acl --entity
adoc=MyDocument, wksp=MyWorkspace, enpr=MyEnterprise
```

list_max_address_count

The `list_max_address_count` command lists the maximum number of addresses of an address type that can be set for a given person-contact, group-contact or resource-contact in an address-book. The address types determine the type of address like BUSINESS, PERSONAL and OTHER. This command also lists the system defined maximum limit, which cannot be exceeded.

SYNTAX

```
beectl list_max_address_count
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_max_address_count
```

list_my_conferences

Lists conference artifacts under workspace

SYNTAX

```
beectl list_my_conferences --count-limit <A count limit for a list of conferences>
```

OPTIONS**--count-limit**

A count limit for a list of conferences

EXAMPLES

```
beectl list_my_conferences --count-limit 1000
```

list_operation_statuses

List the Operation Statuses

SYNTAX

```
beectl list_operation_statuses [--operation_status <CollabId of the Operation Status you would like to display.>] [--name <List Operation Statuses with this name.>] [--status_code <COMPLETED | EXECUTING | FAILED | TIMED_OUT. List Operation Statuses with this status code.>] [--operation <List Operation Statuses with this Operation.>] [--sort_by <name | modified_on. The sort order of the Operation Statuses. Sorting by name will be ascending and sorting by modified_on will be descending. Default is sorting by name.>]
```

OPTIONS**--operation_status**

CollabId of the Operation Status you would like to display.

--name

List Operation Statuses with this name.

--status_code

COMPLETED | EXECUTING | FAILED | TIMED_OUT. List Operation Statuses with this status code.

--operation

List Operation Statuses with this Operation.

--sort_by

name | modified_on. The sort order of the Operation Statuses. Sorting by name will be ascending and sorting by modified_on will be descending. Default is sorting by name.

--countLimit

The maximum number of Operation Statuses that will be returned. If not specified, 200 will be returned.

EXAMPLES

```
beectl list_operation_statuses --operation_status
1CF3:35AF:opst:6828B43CD3944E06A5CD425F0225CF2500000000004C

beectl list_operation_statuses --status_code EXECUTING --sort_by
modified_on
```

list_organizations

Lists organizations in the given scope

SYNTAX

```
beectl list_organizations --scope <Identifier of enterprise or organization>
[--recurse <TRUE|FALSE. Default value is FALSE. Recursively list organizations>]
[--name <Organization name>]
```

OPTIONS**--scope**

Identifier of the parent scope (enterprise or organization)

--recurse

TRUE|FALSE. Default value is FALSE. Recursively list organizations

--name

Organization name

EXAMPLES

```
beectl list_organizations --scope enpr=test_enterprise --recurse
TRUE

beectl list_organizations --scope enpr=test_enterprise --name
MyOrg
```

list_patch_informations

Lists the patch information for given archives.

SYNTAX

```
beectl list_patch_informations (--archive_directory <directory containing
archives> | --archive_file <archive file> )
```

OPTIONS**--archive_directory**

Directory in which archives will be searched.

--archive_file

Enterprise archive file for listing the patch information.

EXAMPLES

```
beectl list_patch_informations --archive_file /tmp/some_
service.ear --archive_file /tmp/some_service2.ear
```

Above command will list private and public patch numbers for given archive files.

```
beectl list_patch_informations --archive_directory
/seed/archive/
```

Above command will list private and public patch numbers for all the files available in the given directory.

list_policies

Lists policies in an specific container. Details returned include policy names and identifiers.

SYNTAX

```
beectl list_policies [ --policy_name <name of the policy to be listed> ] [ --scope
<container where the policy is deployed> ] [ --children <boolean specifying
whether to include policies defined at child containers> ] [ --enforced <boolean
specifying whether to include enforced policies> ] [ --policy_type <name of the
policy classification to be listed> ]
```

OPTIONS**--policy_name**

Specify the name of the policy.

--scope

Specify the identifier of the container where policy is deployed.

--children

Specify whether to include policies defined at child containers.

--enforced

Specify whether to include enforced policies.

--policy_type

Specify the type of policy to list [general | audit | record]. Default is [general].

EXAMPLES

```
beectl list_policies --policy_name MyPolicy --scope
enpr=MyEnterprise --children true --enforced false--policy_type
policyType
```

list_policy_actions

Lists all policy actions.

SYNTAX

```
beectl list_policy_actions
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_policy_actions
```

list_policy_schemas

Lists policy schemas in the current enterprise. Details returned include policy schema names and identifiers.

SYNTAX

```
beectl list_policy_schemas --name <name of the policy schema> --policy_type <name of the policy classification to be listed>
```

OPTIONS**--name**

Specify the name of the policy schema.

--policy_type

Specify the type of policy to list [general | audit | record]. Default is [general].

EXAMPLES

```
beectl list_policy_schemas --name ExamplePolicySchema --name policyType
```

list_policy_templates

Lists policy templates in a specified container. Details returned include policy template names and identifiers.

SYNTAX

```
beectl list_policy_templates --name <name of the policy template to be listed> --scope <container where the policy template is defined> --policy_type <name of the policy classification to be listed>
```

OPTIONS**--name**

Specify the name of the policy template.

--scope

Specify the identifier of the container where policy template is deployed.

--policy_type

Specify the type of policy to list [general | audit | record]. Default is [general].

EXAMPLES

```
beectl list_policy_templates --name ExamplePolicyTemplate
--scope enpr=oracle --policy_type policyType
```

list_ports

Lists various available ports.

By default it shows ports used by current midtier only.

Valid protocols are

SMTP

IMAP

XMPP

XMPPS

FTP

HTTP

HTTPS

BTP

BTPS

OC4J-JGROUP-RANGE

OC4J-AJP-RANGE

OC4J-RMI-RANGE

OC4J-RMIS-RANGE

OC4J-JMS-RANGE

OC4J-SIP-RANGE

OC4J-AJP-RANGE identifies the range of ports in current site for either AJP or secure AJP protocol whichever is enabled.

Description of command output:-

ists general and advanced visibility data.</option> </options> <descr

2- Listen Port:- The value of the port on which listening component is listening. This is the value which will be seen in operating system port management utilities like netstat.

3- Virtual Port:- Port to which the clients will connect. This value is for entire site.

4- Defining Component:- Identifier of the component, port property is modeled.

5- Property Name:- Name of the property for port on the defining configuration object.

6- Listen Component:- Identifier of the configuration object which listens on the listen port.

SYNTAX

```
beectl list_ports [--instance <beehive instance system identifier or alias>]
[--all] [--configuration_version <required version>]
```

OPTIONS**--instance**

System object identifier of Beehive Instance for which ports should be shown.

--all

Flag indicating if all the ports in the system should be listed.

--configuration_version

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command list_configuration_versions for valid snapshot identifiers.

EXAMPLES

```
beectl list_ports --all
```

Above example lists ports used by all the midtiers.

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

--configuration_version 89098787 can be passed to use snapshot having specific creation time as 89098787.

--configuration_version active can be passed for active snapshot.

--configuration_version proposed can be passed for latest proposed snapshot.

list_preference_profiles

The list_preference_profiles command lists preference profiles for a consumer.

SYNTAX

```
beectl list_preference_profiles --consumer <Identifier of the consumer>
```

OPTIONS**--consumer**

Identifier of the consumer

EXAMPLES

```
beectl list_preference_profiles --consumer user=user1
```

list_preference_properties

The `list_preference_properties` command lists all effective preference properties of a preference set.

SYNTAX

```
beectl list_preference_properties --set <Identifier of the preference set
specified in id format, which can be determined by running list_preference_sets
command with "--entity_format id" option.>
```

OPTIONS

--set

Identifier of the preference set specified in id format, which can be determined by running `list_preference_sets` command with "`--entity_format id`" option.

EXAMPLES

```
beectl list_preference_properties --set prfs=set1,user=user1
```

list_preference_sets

The `list_preference_sets` command lists all preference sets for a preference profile.

SYNTAX

```
beectl list_preference_sets --profile <Preference profile identifier>
```

OPTIONS

--profile

Identifier of the preference profile.

EXAMPLES

```
beectl list_preference_sets --profile prfp=MyProfile,user=user1
```

list_privileges

Lists available Privilege names.

SYNTAX

```
beectl list_privileges
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_privileges
```

list_properties

Prints property value of a component given a component identifier and property name. If property name is not specified then all the properties will be listed.

SYNTAX

```
beectl list_properties --component <system object identifier or alias of the
component> [--name <name>] [--configuration_version <required version>]
[--advanced] [--all_visibilities]
```

OPTIONS

--component

Component identifier

--name

Name of the property

--configuration_version

Specifies configuration version. Valid values are proposed, active or any number equivalent to creation time of the configuration snapshot. Refer to the first column from the output of command `list_configuration_versions` for valid snapshot identifiers.

--advanced

Lists advanced visibility data.

--all_visibilities

Lists general and advanced visibility data.

EXAMPLES

```
beectl list_properties --component
288d5051-2632-4800-b796-b3e16ca58f2d
```

Specifying Configuration Version: Any of the following can be specified for accessing specific snapshot. If not specified, latest active snapshot will be accessed.

`--configuration_version 89098787` can be passed to use snapshot having specific creation time as 89098787.

`--configuration_version active` can be passed for active snapshot.

`--configuration_version proposed` can be passed for latest proposed snapshot.

Specifying Visibility Options: Any of the following options can be used for specific visibility data.

`--advanced` can be passed to include advanced visibility data.

--all_visibilities can be passed to include general and advanced visibility data.

list_property_metadata

Lists the metadata about all the properties of a system model object.

SYNTAX

```
beectl list_property_metadata --type <System model object type> [--full_report]
```

OPTIONS

--type

Type of the component for which property metadata to be listed.

--full_report

Flag indicating if full report should be displayed. It contains description about properties also.

EXAMPLES

```
beectl list_property_metadata --type WorkspacesService
```

list_remote_repositories

Lists remote repositories.

SYNTAX

```
beectl list_remote_repositories --scope <Remote Repository Container.> [ --name  
<Remote Repository Name.>]
```

OPTIONS

--scope

Remote Repository Container.

--name

Remote Repository Name.

EXAMPLES

```
beectl list_remote_repositories --scope myRemoteRepositoryScope  
--name myRemoteRepositoryName
```

list_remote_repository_definitions

Lists seeded remote repository definitions.

SYNTAX

```
beectl list_remote_repository_definitions [ --name <Remote Repository Definition  
Name.>]
```

OPTIONS**--name**

Remote Repository Definition Name.

EXAMPLES

```
beectl list_remote_repository_definitions --name
myRemoteRepositoryDefinitionName
```

list_remote_shares

Lists remote shares.

SYNTAX

```
beectl list_remote_shares --scope <Remote Share Container.> [ --name <Remote Share
Name.>]
```

OPTIONS**--scope**

Remote Share Container.

--name

Remote Share Name.

EXAMPLES

```
beectl list_remote_shares --scope myRemoteShareScope --name
myRemoteShareName
```

list_resources

Lists resources.

SYNTAX

```
beectl list_resources {[--select_by_name <name_regex>] | [--select_by_identifier
<identifier_regex>] | [--select_by_capacity <capacity>]} [--external] [--show
<DEFAULT | ALL | MORE>]
```

OPTIONS**--select_by_name**

Specify the resource name criteria. This option accepts a regular expression match.

--select_by_identifier

Specify the resource identifier criteria. This option accepts a regular expression match.

--select_by_capacity

Specify the resource capacity.

--external

List external resources. If this option is not specified, only bookableresources will be listed.

--show

];]<ome or all the attributes of the resource. Valid values are DEFAULT, ALL or MORE. If nothing (or DEFAULT) is specified the default important attributes are listed.

EXAMPLES

```
beectl list_resources --select_by_name "Resource"
```

list_role_definitions

Lists RoleDefinition entities.

SYNTAX

```
beectl list_role_definitions [--scope <unique identifier of the Scope>] [--name <like string>]
```

OPTIONS**--scope**

Specify the unique identifier of the Scope of the RoleDefinitions to be listed. If not specified the Scope will be the Enterprise.

--name

Specify the name pattern of the RoleDefinitions to be listed. If not specified all accessible RoleDefinitions will be returned.

EXAMPLES

```
beectl list_role_definitions --scope  
wksp=MyWorkspace,enpr=MyEnterprise --name MyRoleDefinition
```

list_schema_clones

Search the ocs_clone_registry table based on the specified options and display the matched clone records.

SYNTAX

```
beectl list_schema_clones [ --orig_schema_id <from_schema_id> ] [ --cloned_schema_<br>id <to_schema_id> ] [ --phase <clone_phase> ] [ --status <clone_status> ] [ [ <br>--start_time <clone_start_time> ] | [ --start_time_from <from_time> ] [ --start_<br>time_to <to_time> ] ] [ [ --end_time <clone_end_time> ] | [ --end_time_from <from_<br>time> ] [ --end_time_to <to_time> ] ] [ --description <schema_description> ] [ [ <br>--maximum_results <max_results> ] [ --sort_by <sort_colum_name> ] [ --display_<br>column <display_column> ] | [ --count_only <true/false> ] ]
```

OPTIONS

--orig_schema_id

Option used to match the original schema id from which the new schema is cloned.

--cloned_schema_id

Option used to match the new schema id which is being cloned.

--phase

Option used to match the clone phase.

--status

Option used to match the clone status.

--start_time

The time stamp option specified to match the clone start time.

--start_time_from

The time stamp option specified as the lower inclusive bound to match the clone start time.

--start_time_to

The time stamp option specified as the upper inclusive bound to match the clone start time.

--end_time

The time stamp option specified to match the clone end time.

--end_time_from

The time stamp option specified as the lower inclusive bound to match the clone end time.

--end_time_to

The time stamp option specified as the upper inclusive bound to match the clone end time.

--description

Option used to match the description.

--maximum_results

Option specified to limit the returned results. This option will be ignored, if the count_only option is true.

--sort_by

Option specified the column name by which the returned result will be sorted. Valid column names are: <CLONENO | ORIG_SCHEMA_ID | CLONED_SCHEMA_ID | PHASE | STATUS | START_TIME | END_TIME | DESCRIPTION>.

--display_column

Option specify which column to display. Valid column names are: <CLONENO | ORIG_SCHEMA_ID | CLONED_SCHEMA_ID | PHASE | STATUS | START_TIME | END_TIME | DESCRIPTION>.

--count_only

Option specified to only return only the total count of records matching the criteria.

EXAMPLES

```
beectl list_schema_clones --start_time_from 2008-07-10T00:00:00
--start_time_to 2008-07-10T23:59:59 --orig_schema_id 56
--display_column ORIG_SCHEMA_ID --display_column CLONED_SCHEMA_ID
--display_column STATUS --maximum_results 200
```

```
beectl list_schema_clones --count_only true
```

list_schemas

Search the ocs_schema_registry table based on the specified options and display the matched schema records.

SYNTAX

```
beectl list_schemas [ --schema_name <name> ] [ --schema_id <id> ] [ --version_id
<id> ] [ --schema_type <type> ] [ --status <status> ] [ --description
<description> ] [ [ --creation_time <time> ] | [ --creation_time_from <from_time>
] [ --creation_time_to <to_time> ] ] [ [ --activationready_time <time> ] | [
--activationready_time_from <from_time> ] [ --activationready_time_to <to_time> ]
] [ [ --upgradeready_time <time> ] | [ --upgradeready_time_from <from_time> ] [
--upgradeready_time_to <to_time> ] ] [ [ --activation_time <time> ] | [
--activation_time_from <from_time> ] [ --activation_time_to <to_time> ] ] [ [
--legacy_time <time> ] | [ --legacy_time_from <from_time> ] [ --legacy_time_to
<to_time> ] ] [ [ --24} <time> ] | [ --deactivation_time_from <from_time> ] [
--deactivation_time_to <to_time> ] ] [ [ --deinstall_time <time> ] | [
--deinstall_time_from <from_time> ] [ --deinstall_time_to <to_time> ] ] [ [
--maximum_results <max_results> ] [ --sort_by <sort_colum_name> ] [ --sort_by
<display_column> ] | [ --count_only <true/false> ] ]
```

OPTIONS**--schema_name**

Option used to match the schema name.

--schema_id

Option used to match the schema id.

--version_id

Option used to match the version id.

--schema_type

Option used to match the schema type.

--status

Option used to match the schema status.

--creation_time

The time stamp option specified to match the creation time.

--creation_time_from

The time stamp option specified as the lower inclusive bound to match the creation time.

--creation_time_to

The time stamp option specified as the upper inclusive bound to match the creation time.

--activationready_time

The time stamp option specified to match the activation ready time.

--activationready_time_from

The time stamp option specified as the lower inclusive bound to match the activation ready time.

--activationready_time_to

The time stamp option specified as the upper inclusive bound to match the activation ready time.

--upgradeready_time

The time stamp option specified to match the upgrade ready time.

--upgradeready_time_from

The time stamp option specified as the lower inclusive bound to match the upgrade ready time.

--upgradeready_time_to

The time stamp option specified as the upper inclusive bound to match the upgrade ready time.

--activation_time

The time stamp option specified to match the activation time.

--activation_time_from

The time stamp option specified as the lower inclusive bound to match the activation time.

--activation_time_to

The time stamp option specified as the upper inclusive bound to match the activation time.

--legacy_time

The time stamp option specified to match the legacy time.

--legacy_time_from

The time stamp option specified as the lower inclusive bound to match the legacy time.

--legacy_time_to

The time stamp option specified as the upper inclusive bound to match the legacy time.

--deactivation_time

The time stamp option specified to match the deactivation time.

--deactivation_time_from

The time stamp option specified as the lower inclusive bound to match the deactivation time.

--deactivation_time_to

The time stamp option specified as the upper inclusive bound to match the deactivation time.

--deinstall_time

The time stamp option specified to match the deinstall time.

--deinstall_time_from

The time stamp option specified as the lower inclusive bound to match the deinstall time.

--deinstall_time_to

The time stamp option specified as the upper inclusive bound to match the deinstall time.

--description

Option used to match the description.

--maximum_results

Option specified to limit the returned results. This option will be ignored, if the count_only option is true.

--sort_by

Option specified the column name by which the returned result will be sorted. Valid column names are: <SCHEMA_NAME | SCHEMA_ID | VERSION_ID | SCHEMA_TYPE | STATUS | CREATION_TIME | ACTIVATIONREADY_TIME | UPGRADEREADY_TIME | ACTIVATION_TIME | LEGACY_TIME | DEACTIVATION_TIME | DEINSTALL_TIME | DESCRIPTION>.

--display_column

Option specify which column to display. Valid column names are: <SCHEMA_NAME | SCHEMA_ID | VERSION_ID | SCHEMA_TYPE | STATUS | CREATION_TIME | ACTIVATIONREADY_TIME | UPGRADEREADY_TIME | ACTIVATION_TIME | LEGACY_TIME | DEACTIVATION_TIME | DEINSTALL_TIME | DESCRIPTION>.

--count_only

Option specified to only return only the total count of records matching the criteria.

EXAMPLES

```
beectl list_schemas --creation_time_from 2008-07-10T00:00:00
--creation_time_to 2008-07-10T23:59:59 --schema_name BEE_CODE
--display_column schema_name --display_column schema_id
--display_column creation_time --maximum_results 200

beectl list_schemas --count_only true
```

list_sensitivities

Lists Sensitivity entities.

SYNTAX

```
beectl list_sensitivities --workspace <unique identifier of the Workspace> [--name
<like string>]
```

OPTIONS**--workspace**

Specify the unique identifier of the Workspace of the Sensitivities to be listed.

--name

Specify the name pattern for the Sensitivities to be listed. If not specified all accessible Sensitivities will be returned.

EXAMPLES

```
beectl list_sensitivities --workspace
wksp=MyWorkspace, enpr=MyEnterprise --name MySensitivity
```

list_sensitivity_acl

Lists the Sensitivity Access Control List (SACL) of a Sensitivity.

SYNTAX

```
ecify the uniqueness_acl --sensitivity <unique identifier of the Sensitivity>
```

OPTIONS**--sensitivity**

Specify the unique identifier of the Sensitivity whose Sensitivity Access Control List (SACL) should be listed.

EXAMPLES

```
beectl list_sensitivity_acl --sensitivity
acsn=MySensitivity, wksp=MyWorkspace, enpr=MyEnterprise
```

list_statistics

Lists the statistics for a given type or component or for the entire site.

SYNTAX

```
beectl list_statistics [--type <System model object type>] [--component <stat
provider system model object identifier or alias>] | [--all_components])
[--advanced] [--all_visibilities]
```

OPTIONS

--type

Type of the component for which statistics to be listed.

--component

System object identifier of the component for which statistics to be listed.

--all_components

If specified, statistics for all components will be listed.

--advanced

Lists advanced visibility data.

--all_visibilities

Lists general and advanced visibility data.

EXAMPLES

```
beectl list_statistics --type WorkspacesServiceInstance
```

Above example will list statistics for WorkspacesServiceInstance with GENERAL visibility.

Specifying Visibility Options: Any of the following options can be used for specific visibility data.

--advanced can be passed to include advanced visibility data.

--all_visibilities can be passed to include general and advanced visibility data.

list_supported_entity_types

Prints the supported entity types which can be used in business object distinguished naming pattern instead of system generated identifier and their description.

If a value contains \ (back slash) or a , (comma), then it has to be escaped using back slash. For example, "wksp=Personal workspace\, Admin,orgn=HR,enpr=oracle" refers to Workspace of name "Personal workspace, Admin" that exists in Organization "HR" that exists directly in Enterprise "Oracle".

SYNTAX

```
beectl list_supported_entity_types
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_supported_entity_types
```

list_tasklist_permissions

List the access control permissions of a user, resource or workspace's tasklist. When multiple tasklists match the selection criteria for the user, resource or workspace, the default tasklist will be used.

SYNTAX

```
beectl list_tasklist_permissions { --tasklist <tasklistid> | --tasklistowner
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> }
```

OPTIONS**--tasklist**

Specify the unique identifier of a tasklist.

--tasklistowner

Specify the unique identifier of a user, resource or team workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format 'scheme:value'. If scheme is not supplied, mailto is assumed.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

EXAMPLES

```
beectl list_tasklist_permissions --select_by_address
user@example.com
```

list_tasklists

Lists existing tasklists of a user, resource or workspace.

SYNTAX

```
beectl list_tasklists { --tasklist <tasklistid> --tasklistowner <unique_
identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> }[--show <DEFAULT | ALL | MORE>]
```

OPTIONS

--tasklist

<usage>beecue identifier of a tasklist.

--tasklistowner

Specify the unique identifier of a user, resource or team workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format 'scheme:value'. If scheme is not supplied, mailto is assumed.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--show

Lists some or all the attributes of the tasklist. Valid values are DEFAULT, ALL or MORE. If nothing (or DEFAULT) is specified the default important attributes are listed.

EXAMPLES

```
beectl list_tasklists --select_by_address user@example.com
```

list_template_evolution_target_workspaces

Lists the workspaces to which the latest version of the given workspace template needs to be applied to make the workspaces conform to the latest version of the template

SYNTAX

```
beectl list_template_evolution_target_workspaces --template <Workspace template
identifier> --limit <Maximum number of workspaces to upgrade>
```

OPTIONS

--template

Workspace template identifier

--limit

Maximum number of workspaces to upgrade

EXAMPLES

```
beectl list_template_evolution_target_workspaces --template
wstp=test_team_ws_template,enpr=test_enterprise --limit 100
```

list_timezones

Lists time zones in the database.

SYNTAX

```
beectl list_timezones [--all] | [--select_by_common] [--select_by_name
<TimezoneName>]
```

OPTIONS

--all

Lists all time zones. This option cannot be used with the `--select_by_name` or `--select_by_common` option.

--select_by_common

Lists common time zones. This is the default when no options are specified.

--select_by_name

Specifies a time zone name. To list all time zones, use an asterisk(*) as the options value.

EXAMPLES

```
beectl list_timezones --all
```

```
beectl list_timezones --select_by_common
```

```
beectl list_timezones --select_by_name Asia/Shanghai
```

```
beectl list_timezones --select_by_common --select_by_name
Asia/Shanghai
```

list_trusted_identity

This command lists the trusted identities. The type has to be specified. For type SES, it lists the names of the trusted entities.

SYNTAX

```
beectl list_trusted_identity --type <(WSSEC|S2S|SES)>
```

OPTIONS

--type

Type of the trusted identity. Permitted values are SES or WSSEC. SES refers to Secure Enterprise Search. WSSEC refers to Web services security.

EXAMPLES

list_user_subscriptions

List user subscriptions

SYNTAX

```
beectl list_user_subscriptions --subscriber <identifier of subscriber> [ --attach
<identifier of attached entity> --source_entity_class <sourceEntityClass of
template> ]
```

OPTIONS

--subscriber

Specify the identifier of the subscriber who owns the subscription.

--attach

Specify the Identifier of the entity to which the subscription is attached.

--source_entity_class

Specify the name of the source entity Class that is defined in subscription template.

EXAMPLES

```
beectl list_user_subscriptions --subscriber user=user1
```

list_users

The list_users command lists users that match specified search criteria. If search criteria are not specified, then all users are listed.

SYNTAX

```
oratl list_users { --count <true|false> | --user <User
Identifier> [ --show <show attributes(ALL|MORE)> ] | --email
<Email address of the user> [ --show <show attributes(ALL|MORE)> ] |
[ --family_name <family name of the user> ... ] [ --given_name <given name
of the user> ... ] [ --display_name <display name of the user> ... ]
[ --middle_name <middle name of the user> ... ] [ --job_title <job title of
the user> ... ] [ --prefix <prefix of the user> ... ] [ --suffix
<suffix of the user> ... ] [ --nick_name <nick name of the user> ... ]
[ --office_location <office location of the user> ... ] [ --company
<company of the user> ... ] [ --profession <profession of the user> ... ]
[ --department <department of the user> ... ] [ --organization
<organization identifier> ... ] [ --property <name=value=description> ... ]
[ --address <type of address(business_1|other_5|personal_4|proxy_
```



```

1|...):scheme(im|mailto|...):value> ... ]          [ --status <status of
user(enabled|disabled|locked|marked_for_delete)> ... ]          [ --is_deleted
<true|false> ]          [ --created_by <identifier of creator> ... ]          [
--modified_by <identifier of modifier> ... ]          [ --match <match
attributes(ANY|ALL)> ]          [ --show <show attributes(ALL|MORE)> ]          [
--manager <manager identifier> ]          [ --extended_enterprise_user <true|false>
]          [ --is_locked <locked status(user)> ]          [ --external_inbox
<true|false> ]          }

```

OPTIONS

--user

Identifier of the user.

--email

Exact email id of the user whose details have to be retrieved. It should be in the format user1@example.com

--family_name

Family name of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--given_name

Given name of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--display_name

Display name of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--middle_name

Middle name of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--job_title

Job title of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--prefix

Prefix of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return

doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--suffix

Suffix of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--nick_name

Nickname of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--office_location

Office location of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--company

Company of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--profession

Profession of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--department

Department of the user. SQL wildcards '%' and '_' are also permitted. The % and _ characters will be treated as literals if preceded by the '\' character. Examples: doc1% will return doc1 and doctest whereas doctest_ will return doctest2. doc_ will return doc1 and doc_. doc_ will return doc_. Exact match is found if no wildcards exists.

--manager

Identifier of the manager.

--organization

Identifiers of the organizations the user belongs to.

--property

Details of the property in the format name=value. All custom properties are supported. Note, no equals to symbol(=) should be present in the name or value.

--address

ive bound for matching with the scan date.</option> <option name="scandate_to" mandatory="false" data_type="DATE_TIME">Value specified will be used as the

upper inclusive bound for matching with the scan date. </option> <option name="virus_name" mandatory="false" data_type="STRING">Value specified wradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--status

Sets the provisioning status of the user. Supported values are ENABLED, DISABLED.

--is_deleted

Users whose provisioning status is deleted.

--extended_enterprise_user

Lists all extended enterprise user.

--external_inbox

Lists all users whose external inbox is set.

--created_by

Identifier of the entity who created the user.

--modified_by

Identifier of the entity who modified the user.

--count

Lists the number of users. When this option is used, no other information about the users is listed.

--show

Lists some or all the attributes of the user. Valid values are ALL or MORE. If nothing is specified the default important attributes are listed.

--match

Lists users whose attributes match either one or more or all the predicates passed. Permitted values are ALL or ANY. Default is ALL.

--is_locked

locked status of user, valid value is (user).

EXAMPLES

```
beectl list_users
```

```
beectl list_users --count
```

```
beectl list_users --user user=user1@example.com --show ALL
```

```
beectl list_users --email user1@example.com --show MORE
```

```
beectl list_users --given_name User1GivenName --show ALL
```

```
beectl list_users --given_name User1% --office_location 4A0%  
--match ALL --show MORE
```

```
beectl list_users --manager user=user2@example.com --extended_  
enterprise_user --match ALL --show MORE
```

```
beectl list_users --address BUSINESS_1:mailto:%@example.com  
--address BUSINESS_1:mailto:user1@example.com --match ANY --show  
ALL
```

list_version_configuration

Lists the version configuration on the given scope or heterogenous folder.

SYNTAX

```
beectl list_version_configuration --container <Configuration scope or heterogenous  
folder> --effective <TRUE|FALSE. Default value is FALSE>
```

OPTIONS

--container

Scope or heterogenous folder on which the version configuration should be listed.

--effective

Whether the effective version configuration should be returned or the one directly defined.

EXAMPLES

```
beectl list_version_configuration --container  
orgn=MyOrganization,enpr=MyEnterprise
```

list_virus_scan_policy

Lists the virus scan policy configured for the Site. Valid values for the scan policy are: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR. Default is NO_SCAN_OR_REPAIR.

SYNTAX

```
beectl list_virus_scan_policy
```

OPTIONS

This command has no options

EXAMPLES

```
<beectl list_virus_scan_policy>
```

list_virus_scan_results

Lists the virus scan results that match the specified criteria. Only a count of the matches found will be displayed if the option to list only the counts is specified. Option `count_only` cannot be specified with options `maximum_results` or `display_columns`. Option `scandate` cannot be specified with options `scandate_from` or `scandate_to`.

SYNTAX

```
beectl list_virus_scan_results [ [ --scandate <scandate> ] | [ --scandate_from
<scandate_from> ] [ --scandate_to <scandate_to> ] ] [ --virus_name <virus_name> ]
[ --virus_id <virus_id> ] [ --entity_type <entity_type> ] [ --obsolete_only
<true/false> ] [ [ --maximum_results <max_results> ] [ --display_columns <display_
columns> ] | [ --count_only <true/false> ] ]
```

OPTIONS**--display_columns**

Comma separated list of columns to display. Valid arguments are [virus_id, virus_name, component_name, scan_date, repair_attempts, entity_id, entity_type, repaired, aux_data, collab_id]. If this option is not specified all columns will be displayed.

--scandate

Value specified will be used to do an exact match with the scan date attribute of the scan results.

--scandate_from

Value specified will be used as the lower inclusive bound for matching with the scan date.

--scandate_to

Value specified will be used as the upper inclusive bound for matching with the scan date.

--virus_name

Value specified will be used to do an exact match with the virus name attribute of the scan results.

--virus_id

Value specified will be used to do an exact match with the virus id attribute of the scan results.

--entity_type

Value specified will be used to pick up only the scan results for the entered entity type.

--obsolete_only

This option returns matches found for the specified criteria only for those entities that are obsolete, i.e. these entities no longer exists in the system.

--maximum_results

Value specified limits the number of results returned.

--count_only

This option returns only a total count of matches found for the specified criteria.

EXAMPLES

```
<beectl list_virus_scan_results --scandate_from
2008-07-10T00:00:00 --scandate_to 2008-07-10T23:59:59 --entity_
type emsg --maximum_results 10 --display_columns entity_
id,entity_type,virus_id,virus_name>

<beectl list_virus_scan_results --count_only true>
```

list_voice_facilities

The list command shows all of the facilities, their collab ids and phone number matching rules. The command accepts three optional parameters to help refine the search, if no parameters are specified, then all facilities are presented.

SYNTAX

```
beectl list_voice_facilities [--group_collabid <collabid>] [--includes <phone
rule>] [--excludes <phone rule>] [--phone <phone number>]
```

OPTIONS**--group_collabid**

The group collabid to search for. The list will show the facility the group collabid belongs to.

--includes

The inclusion rule to search for. For example: 1312??????. The list will show the facility that has the given inclusion rule.

--excludes

The exclusion rule to search for. For example: 1312??????. The list will show the facility that has the given exclusion rule.

--phone

The phone number to match against all known facilities. For example, specifying 13125551212 will result in a list of all facilities that match ordered such that the top of the list is the first match.

EXAMPLES

```
beectl list_voice_facilities --group_collabid
grup=GroupName,enpr=MyEnterprise
```

```

beectl list_voice_facilities --includes 1312????????
beectl list_voice_facilities --excludes 1312????????
beectl list_voice_facilities --phone 13125551212

```

list_workspace_templates

Lists all workspace templates

SYNTAX

```

beectl list_workspace_templates --scope <Identifier of enterprise or organization>
[--name <Workspace template name>] [--domain <Workspace template domain>] [--file
<Full path of the output file>]

```

OPTIONS

--scope

Identifier of enterprise or organization

--name

Workspace template name

--domain

Workspace template domain

--file

Full path of the output file

EXAMPLES

```

beectl list_workspace_templates --scope orgn=test_org,enpr=test_
enterprise

```

```

beectl list_workspace_templates --scope orgn=test_org,enpr=test_
enterprise --name Test_template --domain Test_domain --file
/tmp/template.xml

```

list_workspaces

Lists workspaces in an organization or enterprise

SYNTAX

```

beectl list_workspaces --scope <Identifier of enterprise or organization> [--type
<p (Personal) | t (Team) | a (All)>] [--name <Workspace name>] [--recurse]
[--countLimit <count>]

```

OPTIONS

--scope

Identifier of enterprise or organization

--type

p (Personal) | t (Team) | a (All)

--name

Workspace name

--recurse

Recursively list workspaces in all organizations

--countLimit

The maximum number of workspaces that can be returned. If not specified, a default value of 200 will be assumed

EXAMPLES

```
beectl list_workspaces --scope orgn=test_org,enpr=test_
enterprise --type t
```

```
beectl list_workspaces --scope enpr=test_enterprise --name My_
Workspace
```

list_xmpp_chat_rooms

Used to list all currently existing XMPP chat rooms.

SYNTAX

```
beectl list_xmpp_chat_rooms
```

OPTIONS

This command has no options

EXAMPLES

```
beectl list_xmpp_chat_rooms
```

modify_access_control_fields

Modifies the AccessControlFields of an existing entity.

This command alters sensitive data in the system. Oracle recommends using this command with caution.

SYNTAX

```
beectl modify_access_control_fields --entity <unique identifier of the entity>
[--owner <unique identifier of the owner Accessor>] [--owner_access_types <owner
access types string>] [--sensitivity <unique identifier of the Sensitivity>]
[--{7} <unique identifier of the Scope>]
```

OPTIONS**--entity**

Specify the unique identifier of the entity to be modified.

--owner

Modify the owner of the entity. Specify the unique identifier of the new owner.

--owner_access_types

Modify the access types string for the entity's owner.

--sensitivity

Modify the Sensitivity of the entity. Specify the unique identifier of the new Sensitivity.

EXAMPLES

```
beectl modify_access_control_fields --entity
adoc=MyDocument,wksp=MyWorkspace,enpr=MyEnterprise --owner
user=MyUser
```

modify_assigned_role

Modifies an existing AssignedRole entity.

SYNTAX

```
beectl modify_assigned_role --assigned_role <unique identifier of the
AssignedRole> [--name <name of AssignedRole>] [--description <description>]
[--assigned_scope <unique identifier of the assigned Scope>] [--role_definition
<unique identifier of the assigned RoleDefinition>] [--accessor <unique
identifier of an Accessor>]... [--add_accessor <unique identifier of an
Accessor>]... [--remove_accessor <unique identifier of an Accessor>]...
```

OPTIONS**--assigned_role**

Specify the unique identifier of the AssignedRole to be modified.

--name

Modify the name of the AssignedRole.

--description

Modify the description of the AssignedRole.

--assigned_scope

Modify the assigned Scope of the AssignedRole. Specify the unique identifier of the new assigned Scope.

--role_definition

Modify the assigned RoleDefinition of the AssignedRole. Specify the unique identifier of the new RoleDefinition.

--accessor

Modify the set of Accessors. Specify the unique identifier of an Accessor. This option can be specified more than once.

--add_accessor

Adds an Accessor. Specify the unique identifier of an Accessor to add. This option can be specified more than once.

--remove_accessor

Removes an Accessor. Specify the unique identifier of an Accessor to remove. This option can be specified more than once.

EXAMPLES

```
beectl modify_assigned_role --assigned_role
acar=MyAssignedRole, wksp=MyWorkspace, enpr=MyEnterprise --name
MyAssignedRole2
```

modify_attendant

Update an existing attendant with a new markup file or rename it.

SYNTAX

```
beectl modify_attendant { --file <aaml file> | --name <attendant name> --new_name
<new name> }
```

OPTIONS**--file**

An auto-attendant markup language file describing the attendant to be added. When specified, name and new_name must be specified.

--name

Name of an existing attendant. Must be specified when 'new_name' is specified. Must not be specified when 'file' is specified

--new_name

The name to which the attendant should be changed. Must be specified when 'name' is specified. Must not be specified when 'file' is specified

EXAMPLES

```
beectl modify_attendant --file /var/attendant.aaml
beectl modify_attendant --name myattendant --new_name
myattendant2
```

modify_audit_policy

Modifies an existing audit policy

SYNTAX

```
beectl modify_audit_policy --policy <Audit policy identifier> [--file <Full path
of the input file>] [--enable <true|false>]
```

OPTIONS

--policy
Audit policy identifier

--file
Full path of the input file

--enable
true: Enable audit policy

--enable
false: Disable audit policy

EXAMPLES

```
beectl modify_audit_policy --policy plcy=MyAuditPolicy --file
/tmp/policy_ex.xml
```

```
beectl modify_audit_policy --policy plcy=MyAuditPolicy --enable
false
```

modify_audit_trail

Modifies an existing audit trail

SYNTAX

```
beectl modify_audit_trail --trail <Audit trail identifier> --file <Full path of
the input file>
```

OPTIONS

--trail
Audit trail identifier

--file
Full path name of the input XML file

EXAMPLES

```
beectl modify_audit_trail --trail autr=MyAuditTrail --file
/tmp/trail_ex.xml
```

modify_calendar

Modify various attributes of the selected calendar.

SYNTAX

```
beectl modify_calendar { --calendar <calendarid> | --calendarowner <unique_
identifier> | --select_by_address <uri> | --select_by_authuser <authuser> |
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> } [--name <name>] [--booking_
characteristics <booking_characteristics>] [--allow_double_booking <allow_double_
```

```
booking> ] [--include_in_freebusy <include_in_freebusy>] [--priority <priority>]
[--sensitivity <sensitivity>] [--enrollment_type <enrollment_type>] [--self_
enrollment <self_enrollment>] [--caldav_resource_name <caldav_resource_name>]
[--derive_timezone <derive_timezone>] [--timezone <timezone>] [--derive_available_
hours <derive_available_hours>] [--available_hours <available_hours>] [--enable_
presence <enable_presence>] [--enroll_members <enroll_members>]
```

OPTIONS

--calendar

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource or workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--name

Modify the calendar name.

--booking_characteristics

Modify the calendar booking behavior. Permitted values are O for Open, F for FirstComeFirstServed, case insensitive.

--allow_double_booking

Modify the calendar double booking behavior. Permitted values are Y for Yes (allow double booking), N for No (deny double booking), case insensitive.

--include_in_freebusy

Modify if this calendar is included in free busy. Permitted values are Y for Yes, N for No, case insensitive.

--priority

Modify the default priority of the calendar. Permitted values are HIGH, MEDIUM, LOW and NONE, case insensitive.

--sensitivity

Modify the default sensitivity of the calendar. Permitted values are PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL and PRIVATE, case insensitive.

--enrollment_type

Modify the enrollment type of the calendar. Permitted values are PUBLIC, PRIVATE, case insensitive.

--self_enrollment

Modify the self enrollment status for the calendar. Permitted values are OPEN, CLOSED, case insensitive. This option applies to Team Workspace only.

--caldav_resource_name

Modify the caldav resource name of the calendar.

--derive_timezone

Modify the calendar's 'derives timezone from the owner' configuration. Permitted values are Y (derive the calendar timezone from its owner's timezone) or N.

--timezone

Modify the timezone of the calendar.

--derive_available_hours

Modify the calendar's 'derives available hours from the owner' configuration. Permitted values are Y (derive the calendar available hours from its owner's timezone) or N.

--available_hours

Modify the available hours of the calendar.

--enable_presence

Modify the calendar presence integration configuration. Permitted values are Y (enable presence integration) or N. This option does not apply to Team Workspace.

--enroll_members

Modify the calendar's team workspace members enrollment configuration. Permitted values are Y (automatically enroll workspace members) or N. This option applies to Team Workspace only.

EXAMPLES

```
beectl modify_calendar --select_by_address user@example.com
```

modify_calendar_enrollments

Modify the enrollment list of the specified team workspace calendar.

SYNTAX

```
beectl modify_calendar_enrollments { --calendar <calendarid> | --calendarowner
<unique_identifier> | --select_by_address <uri> | --select_by_workspace_name
<workspace_name> } { --enroll <loginid> | --unenroll <loginid>}
```

OPTIONS

--calendar

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource or workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_workspace_name

Specify the name of a team workspace.

--enroll

Explicitly enroll the specified user to the team workspace calendar.

--unenroll

Explicitly unenroll the specified user from the team workspace calendar.

EXAMPLES

```
beectl modify_calendar_enrollments --select_by_address
user@example.com --enroll user=user1
```

modify_calendar_permissions

Modify access permissions for grantee (user or group) on the specified calendar.

SYNTAX

```
beectl modify_calendar_permissions { --calendar <calendarid> | --calendarowner
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
| --select_by_user_name <user_name> | --select_by_resource_name <resource_name>}
--user <userid> | --group <groupid> [--user_principal | --delegated_principal]
[--can_invite | --cannot_invite] [--manage <sensitivity> ...] [--read
<sensitivity> ...] [--discover <sensitivity> ...] [--deny <sensitivity> ...]
```

OPTIONS

--calendar

Specify the unique identifier of a calendar.

--calendarowner

Specify the unique identifier of a user, resource.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource using the format '[scheme:]value'. If 'scheme:' is not supplied, mailto will be used.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--user

Specify the unique identifier of the user (grantee).

--group

Specify the unique identifier of the group (grantee).

--user_principal

Set permissions to user only (do not modify any access given to this user as delegate).

--delegated_principal

Set permissions to delegated principal only (do not modify any access given to this user directly).

--can_invite

Specify the grantee (user or group) can invite this calendar.

--cannot_invite

Specify the grantee (user or group) cannot invite this calendar.

--manage

Grant manage access (delegate) to the grantee (user) on specified sensitivities of this calendar. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

--read

Grant read access to the grantee (user or group) on specified sensitivities of this calendar. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

--discover

Grant discover access to the grantee (user or group) on specified sensitivities of this calendar. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

--deny

Deny the grantee (user or group) access to contents in this calendar on the specified sensitivities. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

EXAMPLES

```
beectl modify_calendar_permissions --calendarowner user=user1
--user user=user2 --can_invte --manage PUBLIC --read NORMAL
--read PRIVATE
```

modify_category

Modifies an existing category

SYNTAX

```
beectl modify_category --category <Category identifier> --file <Full path of the
category XML file>
```

OPTIONS**--category**

Category to be updated.

--file

Full path name of the XML file. The file must contain properly formatted data to update the category

EXAMPLES

```
beectl modify_category --category
catg=MyCategory,enpr=MyEnterprise --file /tmp/category.xml
```

modify_category_configuration

Updates a given category configuration.

SYNTAX

```
beectl modify_category_configuration --configuration <Configuration identifier>
--file <Full path of the configuration XML file>
```

OPTIONS**--configuration**

Category configuration to be updated.

--file

Full path of the category configuration XML file. The file must contain properly formatted data.

EXAMPLES

```
beectl modify_category_configuration --configuration
9941:2345:ctcf:58D193D162CE4ED89FF66AB4E55745B6345464545453
--file /tmp/configuration.xml
```


modify_coexistence_profile

Create or modify the coexistence profile of a user.

SYNTAX

```
beectl modify_coexistence_profile [--user <user_identifier>|--email <user_email>|--file <file_name>|--select_users_without_profile|--select_users_with_profile) --errors_file <file_name>} --system_affinity <system_name> [--accessible_system <system_name> ...] [--no_data_import] [--force_retry]
```

OPTIONS

--user

Specify the identifier of the user.

--email

Specify the email address of the user.

--select_users_without_profile

Specify all beehive users without a coexistence profile.

--select_users_with_profile

Specify all beehive users with a coexistence profile.

--file

Specify the xml input file. File encoding MUST be UTF-8.

--errors_file

Specify the output file. This file will only be generated if errors occurs.

--system_affinity

Specify the system affinity of the user.

--accessible_system

Specify the collaboration system which can be access by the user.

--no_data_import

Specify to disable default data import.

--force_retry

Specify to reset the NextAttempt time to current time. Only applies to coexistence profile that are not completed.

EXAMPLES

```
beectl modify_coexistence_profile --user user=userid
--accessible_system beehive --system_affinity sys_name
```

```
beectl modify_coexistence_profile --file users.xml --accessible_system sys_name --errors_file errors.xml
```

```
beectl modify_coexistence_profile --select_users_without_profile
--accessible_system sys_name

beectl modify_coexistence_profile --user user=userid --force_
retry
```

modify_coexistence_system

Modifies a coexisting remote system.

SYNTAX

```
beectl modify_coexistence_system --select_by_name <old_name> [--name <name>]
[--product_name <product_name>] [--url <url>|--host_name <host_name> --port
<port_number> {--use_http|--use_https}}] [--partnership_key] [--query_
capabilities] [--timezone_alias_namespace <timezone_alias_namespace>]
```

OPTIONS

--select_by_name

Specify the actual name of the coexisting remote system.

--name

Specify the name of the coexisting remote system.

--product_name

Specify the new name of the coexisting remote system.

--url

Specify the URL of the coexisting remote system.

--use_http

Specify that "HTTP" MUST be used for the coexisting remote system.

--use_https

Specify that "HTTPS" MUST be used for the coexisting remote system.

--host_name

Specify the host name of the coexisting remote system.

--port

Specify the port number used by the coexisting remote system.

--partnership_key

Specify the partnership key of the coexisting remote system.

--timezone_alias_namespace

Specify the timezone alias namespace used by the coexisting remote system.

--query_capabilities

Force the coexistence service to query the remote system for its capabilities.

EXAMPLES

```
beectl modify_coexistence_system --select_by_name ex-101 --url
http://example.com:7777
```

modify_connection_pool

Modifies the connection pool configuration.

SYNTAX

```
beectl modify_connection_pool [--connection_pool <connection pool system model
identifier or alias>] [--max_connections <maximum connections>] [--min_connections
<minimum connections>] [--max_statement_limit <maximum cached statements>]
[--initial_connections <initial connections>] [--connection_wait_timeout
<connection wait timeout>] [--inactivity_timeout <inactivity timeout>] [--time_to_
live_timeout <time to live timeout>] [--abandoned_connection_timeout <abandon
connection timeout>] [--lower_threshold_limit <lower threshold limit>]
[--property_check_interval <property check interval>] [--validate_connection
<true/false>]
```

OPTIONS**--connection_pool**

Connection pool system object identifier.

--max_connections

Maximum number of connections in connection pool.

--min_connections

Number of minimum connections in connection pool.

--max_statement_limit

Maximum number of cached statements in connection pool.

--initial_connections

Number of initial connections in connection pool.

--connection_wait_timeout

Connection wait timeout.

--inactivity_timeout

Inactivity timeout.

--time_to_live_timeout

Time to live timeout.

--abandoned_connection_timeout

Abandoned connection timeout.

--lower_threshold_limit

Lower threshold limit.

--property_check_interval

Property check interval.

--validate_connection

Should connection be validated or not.

EXAMPLES

```
beectl modify_connection_pool --connection_pool
232323-der344-455-3455ded --max_connections 40
```

modify_database

Modifies given database configuration.

SYNTAX

```
beectl modify_database --database <database instance id or alias> [--schema_name
<schema name>] [--connect_string <connect string>] [--schema_password <schema
password>] [--xa_service_names <xa schema name> [--xa_service_names < xa schema
name>] .. ] [--ons_entry <ons name host:port> [--ons_entry < ons entry host:port>]
.. ] [--parent_database <system object identifier of the parent database>
```

OPTIONS**--database**

Database system object identifier.

--schema_name

Schema name.

--connect_string

Connection descriptor.

--schema_password

Schema password.

--xa_service_names

Multiple values of xa service names can be given. See the usage.

--ons_entry

Notification server details in form of host:port.

--parent_database

System object identifier of the parent database. When '--parent_database' option presents, all the options other than '--database' will be ignored.

EXAMPLES

```
beectl modify_database --database ab222-aa4-eee333-ddede5
--schema_name schema1
```

modify_deployment_structure

This command applies the specified template(s) to the local BeehiveInstance. Execute `beectl list_deployment_templates` command to view the available templates.

SYNTAX

```
beectl modify_deployment_structure --primary_template <primary template name>
[(--supplementary_template <supplementary template name>) ...] [--physical_memory_
available <physical memory>] [--number_of_processors_available <no of processors>]
[--bti_control_port <bti control port>] [--bti_server_port <bti server port>]
[--disable_sizing] [--cold_add_delete] [--do_not_restart_at_end] [--update_oc4j_
soa] [--console_output_verbosity <verbosity level>] [--no_extraction_after_cold_
upgrade]
```

OPTIONS

--primary_template

Identifier of the primary template to be applied. The command `beectl list_deployment_templates` displays the identifiers of available templates.

--supplementary_template

Identifier(s) of the supplementary template(s) to be applied. The command `beectl list_deployment_templates` displays the identifiers of available templates. A Supplementary Template represents the deployment structure of an oc4j with auxiliary services which augment the structure of the local midtier without changing the primary template.

--physical_memory_available

Amount of physical memory in MB or GB allocated to this BeehiveInstance. For eg 600MB or 10GB. This option updates the property `AvailablePhysicalMemoryInMB` of the local BeehiveInstance and is used in sizing. This option need not be provided if the value of this property is already set as needed.

--number_of_processors_available

No of processors allocated to this BeehiveInstance. This option updates the property `AvailableNumberOfProcessors` of the local BeehiveInstance. This option need not be provided if the value of this property is already set as needed.

--bti_control_port

BTI control port. This port is used to get BTI heartbeat by the OPMN daemon. This option is useful to configure or re-configure BTI control port and it need not be specified if BTI is already correctly configured on this midtier.

--bti_server_port

BTI server port. This option is useful to configure or re-configure BTI server port on this midtier and it need not be specified when BTI is already correctly configured on this midtier.

--disable_sizing

Disable automatic sizing. Create only the minimum number of oc4j instances per oc4j template.

--cold_add_delete

If specified, addition and deletion of j2ee components happens in cold mode. By default this happens in hot mode.

--do_not_restart_at_end

If specified, the components are not restarted after deployment. By default components are restarted after deployment.

--update_oc4j_soa

If specified, the oc4j_soa will also be updated. By default, oc4j_soa will not be updated.

--console_output_verbosity

Specifies verbosity level of the console output from the command. Valid values are FINE, INFO, MINIMAL .

EXAMPLES

Below command will apply the mentioned primary and supplementary templates to current midtier. This command "may" wipe off existing deployment structure of the midtier.

```
beectl modify_deployment_structure --primary_template SERVER_
ONLY --supplementary_template EXAMPLE_SUPPLEMENTARY_TEMPLATE
--supplementary_template ANOTHER_EXAMPLE_SUPPLEMENTARY_TEMPLATE
```

Below command will apply the mentioned supplementary template to current midtier without changing any other deployment structure. Configured minimum number of oc4j instances for the specified supplementary template are created.

```
beectl modify_deployment_structure --supplementary_template
EXAMPLE_SUPPLEMENTARY_TEMPLATE --disable_sizing
```

If `--console_output_verbosity <verbosity level>` is also provided on command line, console output will be controlled by specified verbosity level.

modify_device

Modifies the device with the given identifier.

SYNTAX

```
beectl modify_device --device <identifier of the device> --status <status of the
device>
```

OPTIONS

--device

Specify the identifier of the device. Use list_devices command to determine the identifier of the device.

--status

Specify the status of the device. The following are the valid device statuses: ACTIVE PROVISIONED BLACKLISTED LOCKDOWN .

EXAMPLES

```
beectl modify_device --device
1234:5678:devi:2E0329B0705F0E40E040578C92160957000000000434
--status BLACKLISTED
```

modify_directory_entry

Modifies the directory id and locator for a given directory entry. This command can be used to convert a directory user to an external directory user and vice versa. This command must be executed before a deleted user in the directory gets synced with the Oracle Beehive server, otherwise this change deletes the Oracle Beehive user (user marked for deletion).

SYNTAX

```
beectl modify_directory_entry --identifier <identifier> --directory_profile
<+/-profilename> --directory_identifier <+/-directory-locator> [-- no_validate]
```

OPTIONS

--identifier

Object identifier. This command supports user and group identifiers. Permitted value is String. This option is mandatory.

--directory_profile

Profile name. Use this option to change the directory profile with which the user is currently syncing. Permitted value is String. This option is mandatory.

--directory_identifier

Directory Locator of the user. Use this option to modify the directory locator of the user, so that a current Oracle Beehive user can be synced with another directory entry present in LDAP. Permitted value is String. This option is mandatory.

--no_validate

Skips the validation of directory profile name and directory identifier.

USAGE

This command can be used in the following scenarios:

- If you want to sync an Oracle Beehive user with different GUID present in the current LDAP or new LDAP without deleting the user in Oracle Beehive.

- If you want to sync an Oracle Beehive user with new LDAP by changing directory profile without deleting the user in Oracle Beehive.

EXAMPLES

```
beectl modify_directory_entry --identifier user=user1
--directory_profile MyDirectoryProfileName --directory_
identifier A12345
```

modify_directory_profile

The `modify_directory_profile` command modifies an existing directory profile. Modification to the profile name cannot be done.

SYNTAX

```
beectl modify_directory_profile --file <filename> [ --no_validate ]
```

OPTIONS**--file**

XML file containing directory profile.

--no_validate

Skips the validation of profile against the directory server.

EXAMPLES

```
beectl modify_directory_profile --file MyDirectoryProfile.xml
beectl modify_directory_profile --file MyDirectoryProfile.xml
--no_validate
```

modify_email_port

Modifies Email service' SMTP or IMAP port number

SYNTAX

```
beectl modify_email_port --type <smtp|imap> --port <port_number>
```

OPTIONS**--type**

Specifies type of the port to be modified. Valid values are `imap` and `smtp`.

--port

Port number for the specified port type.

EXAMPLES

```
beectl modify_email_port --type smtp --port 1234
```


modify_email_queue

Enables or disables Email asynchronous queue processing

SYNTAX

```
beectl modify_email_queue --type <enable|disable|process|status>
```

OPTIONS

--type

Acceptable options are enable,disable,process,status

EXAMPLES

```
beectl modify_email_queue --type enable
```

Resume or enable queue processing.

```
beectl modify_email_queue --type disable
```

Disable queue processing.

```
beectl modify_email_queue --type process
```

Process all the messages in the email asynchronous queue immediately.

```
beectl modify_email_queue --type status
```

Show current status.

modify_enterprise

Modifies an existing enterprise

SYNTAX

```
beectl modify_enterprise --enterprise <Enterprise identifier> [--name <Enterprise name>] [--description <Description>] [--hard_quota <Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--sub_organization_quota <Default sub-organization quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--team_workspace_hard_quota <Default team workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--team_workspace_soft_quota <Default team workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--personal_workspace_hard_quota <Default personal workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--personal_workspace_soft_quota <Default personal workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--personal_template <Personal workspace default template identifier>] [--team_template <Team workspace default template identifier>]
```

OPTIONS

--enterprise

Enterprise identifier

--name

Enterprise name

--description

Description

--hard_quota

Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--sub_organization_quota

Default sub-organization quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--team_workspace_hard_quota

Default team workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--team_workspace_soft_quota

Default team workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_workspace_hard_quota

Default personal workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_workspace_soft_quota

Default personal workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_template

Personal workspace default template identifier

--team_template

Team workspace default template identifier

EXAMPLES

```
beectl modify_enterprise --enterprise enpr=test_enterprise
--name New_Name --description New_description
```

```
beectl modify_enterprise --enterprise enpr=test_enterprise
--hard_quota 10000 --sub_organization_quota 1500 --team_
workspace_hard_quota 1000 --team_workspace_soft_quota 1000
--personal_workspace_hard_quota 1000 --personal_workspace_soft_
quota 1000 --team_template wstp=team_wksp_template,enpr=test_
enterprise --personal_template wstp=personal_wksp_
template,enpr=test_enterprise
```

modify_expertise_background_job

Modifies the expertise background jobs.

SYNTAX

```
beectl modify_expertise_background_job {          --job <job>          [--start_
hour <start hour>]          [--start_minute <start minute>]          [--frequency_
minute <frequency minute>]          [--enable <enable>]          [--stop <stop>]
}
```

OPTIONS

--job

Job type of the expertise background job. Allowed values are CONFIDENCE_UPDATER, PROFILING_HANDLER, PROFILE_OPTIMIZER, PROFILE_TRANSFER, RELATIONSHIP_HANDLER and WHOIS_HANDLER.

--start_hour

The scheduled start hour of the job, 0 to 23 inclusive.

--start_minute

The scheduled start minute of the job, 0 to 59 inclusive.

--frequency_minute

The scheduled frequency of the job, in minutes.

--enable

; | --email <Email address of the disables it.

--stop

Flag to stop the job. True stops the job, false has no effect.

EXAMPLES

```
beectl modify_expertise_background_job --job PROFILE_TRANSFER
--start_hour 16 --frequency_minute 240
```

```
beectl modify_expertise_background_job --job PROFILE_TRANSFER
--enable False
```

```
beectl modify_expertise_background_job --job RELATIONSHIP_
HANDLER --stop True
```

modify_expertise_entity_searchability

The modify_expertise_entity_searchability command controls whether the specified entity will be searchable or not.

SYNTAX

```
beectl modify_expertise_entity_searchability {          --entity <identifier>
```

```
--terms_searchable <true/false> | --relationships_searchable <true/false> }
```

OPTIONS

--entity

Identifier of the entity whose searchability is to be modified.

--terms_searchable

Whether the entity should be searchable for terms after expertise profiling.

--relationships_searchable

Whether the entity should be searchable for relationships after expertise profiling.

EXAMPLES

```
beectl modify_expertise_entity_searchability --entity
3F5B:23D3:user:40EA125BD4941FBEE040578CA8027E89000000030E6F
--terms_searchable true
```

```
beectl modify_expertise_entity_searchability --entity
user=user1,enpr=oracle --terms_searchable false --relationships_
searchable true
```

modify_expertise_profiling_configuration

The `modify_expertise_profiling_configuration` command modifies the expertise profiling configuration. The profiling configuration information is supplied in an XML file.

SYNTAX

```
beectl modify_expertise_profiling_configuration --file <filename>
```

OPTIONS

--file

Filename of the XML file containing expertise profiling configuration definition.

EXAMPLES

```
beectl modify_expertise_profiling_configuration --file
MyProfilingConfig.xml
```

modify_expertise_stop_phrases

The `modify_expertise_stop_phrases` command modifies (add/remove) stop phrases for Expertise service. The phrases are supplied in a XML file

SYNTAX

```
beectl modify_expertise_stop_phrases --enterprise <enterprise> --action
[add|remove] --file <filename> --phrase <phrase>
```

OPTIONS**--enterprise**

Identifier of the enterprise for which the stop phrases will be modified.

--action

Action add or remove to be performed.

--file

XML file containing stop phrases.

--phrase

Stop phrase.

EXAMPLES

```
beectl modify_expertise_stop_phrases --enterprise <enterprise>
--action add --file AddESP.xml
```

```
beectl modify_expertise_stop_phrases --enterprise <enterprise>
--action add --phrase phrase1 --phrase phrase2 --file AddESP.xml
```

modify_expertise_user_scope

The `modify_expertise_user_scope` command modifies expertise user scope. The expertise user scope information is supplied in a XML file.

SYNTAX

```
beectl modify_expertise_user_scope --file <filename>
```

OPTIONS**--file**

Filename of the XML file containing `body`, `description`, `include_list` and `exclude_list` for the expertise user scope to be modified.

EXAMPLES

```
beectl modify_expertise_user_scope --file MyUserScope.xml
```

modify_external_contact

The `modify_external_contact` command modifies existing external contact.

SYNTAX

```
beectl modify_external_contact { --contact <identifier of external
```

```

contact >      |      --email <ostal-code>&gt;?c=&lt;contact> }      [ --family_
name <+/-[locale:]family name> ... ]      [ --given_name <+/-[locale:]given name>
... ]      [ --display_name <+/-[locale:]display name> ... ]      [ --middle_name
<+/-[locale:]middle name> ... ]      [ --job_title <+/-[locale:]job title> ... ]
[ --prefix <+/-[locale:]prefix> ... ]      [ --suffix <+/-[locale:]suffix> ... ]
[ --nick_name <+/-[locale:]nick name> ... ]      [ --scope <identifier of contacts
parent> ]      [ --office_location <office location of the contact> ]      [
--company <company of the contact> ]      [ --profession <profession of the
contact> ]      [ --timezone <timezone of the contact> ]      [ --locale <locale of
the contact> ]      [ --department <department of the contact> ]      [
--organization <organization identifier> ... ]      [ --remove_organization
<organization identifier> ... ]      [ --property
<+/-name(assistant|certificate|notes)=value=description> ... ]      [ --address
<+/-type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ]      [ --default_address_for_type <type
of address(business_1|other_5|personal_4|proxy_1|...):scheme(im|mailto|...):value>
... ]      [ --default_address_for_scheme <type of address(business_1|other_
5|personal_4|proxy_1|...):scheme(im|mailto|...):value> ... ]      [ --primary_
address <type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ]      [ --status <status of
contact(enabled|disabled|locked)> ]

```

OPTIONS

--contact

The identifier of the external contact

--email

Email id of the external contact

--family_name

Family name of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--given_name

Given name of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--display_name

Display name of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--middle_name

Middle name of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--job_title

Job title of the contact in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--prefix

Prefix of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--suffix

Suffix of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--nick_name

Nick name of the contact in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--scope

Identifier of the enterprise under which this contact will be created.

--office_location

Office location of the contact.

--company

Company of the contact.

--profession

Profession of the contact.

--timezone

Timezone of the contact. list_timezones lists the valid timezones

--locale

Locale details of the contact. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--department

Department of the contact.

--organization

Identifiers of the organizations the contact must be part of.

--remove_organization

Identifiers of the organizations the contact must be removed from.

--property

Details of the property in the format [+/-]name=value=description. Supported names are certificate, assistant and notes. Note, no equals to symbol(=) should be present in the name or value or description. + or no symbol means the property should be added. If - is specified that means the property should be removed. Default action is addition.

--address

Address of the contact in the format [+/-]type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25. + or - in the start of the string tells whether the address should be added or removed. + or no symbol means the address should be added. If - is specified that means the address should be removed. Default action is addition.

--default_address_for_type

Address of the contact in the format type:scheme:value. Sets the specified address as the default for the specified type. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_scheme

Address of the contact in the format type:scheme:value. Sets the specified address as the default for the specified scheme. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--primary_address

Primary address of the contact in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--status

Sets the provisioning status of the external contact. Sets the provisioning status of the user. Supported values are ENABLED, DISABLED, LOCKED.

EXAMPLES

```
beectl modify_external_contact --contact
6A95:21EB:extp:D9E9FC8134544BCE9D60559F9B997CCD000000000000
--given_name User1GivenName --family_name -en_CA:User1FamilyName
--office_location 4A037
```

```
beectl modify_external_contact --email contact1@example.com
--property +prop1:prop1value
```

```
beectl modify_external_contact --email contact1@example.com
--address +BUSINESS_1:mailto:contact1@example.com --address
-BUSINESS_2:im:contact2@example.com
```

```
beectl modify_external_contact --email contact1@example.com
--status disabled
```

modify_failed_action_events

Retry actions that have not completed successfully.

SYNTAX

```
beectl modify_failed_action_events --retry --bucket <Partition number> --sequence
<Sequence number>
```

OPTIONS**--retry**

Retry the failed action event.

--bucket

Partition number

--sequence

Sequence number

EXAMPLES

```
beectl modify_failed_action_events --retry --bucket
MyBucketNumber --sequence MySequenceNumber
```

modify_feed_configuration

The `modify_feed_configuration` command modifies existing feed configurations.

SYNTAX

```
beectl modify_feed_configuration { --feed_configuration <feed
configuration> | --scope <scope identifier> --feedtype <feed type >
[--name <name >] [--title <title >] [--description <description >]
[--image <image >] [--language <language >] [--copyright
<copyright>] [--webmaster <webmaster>] [--managing_editor
<managing editor>] }
```

OPTIONS**--feed_configuration**

Collabid of the feed configuration to be modified

--scope

Scope in which the feed configuration will be created

--feedtype

Feed type of the feed configuration. Permitted values are ANNOUNCEMENT, FORUM, FOLDER, LABEL, RECENT, TOPIC and VERSION.

--name

Name of the feed configuration.

--title

Title associated the feed configuration

--description

Description associated the feed configuration

--image

Image associated with this feed configuration

--language

Language associated with the feed configuration

--copyright

Copyright associated with the feed configuration

--webmaster

Webmaster associated with the feed configuration

--managing_editor

Managing Editor associated with the feed configuration

EXAMPLES

```
beectl modify_feed_configuration --scope enpr=example --feedtype
RECENT --name MyFeedConfiguration --title
BeehiveFeedConfiguration --description This is my beehive feed
configuration.
```

```
beectl modify_feed_configuration --feed_configuration
6790:39AC:af rf:52921E226193384EE040578C5C84269C0000000ABB75
--name ForumFeedConfiguration --description This is a forum
feed. --image ForumLogo.gif --language en
```

modify_group

The `modify_group` command modifies a group. The group information is supplied in an XML file.

SYNTAX

```
beectl modify_group --file <filename> [ --ldapbootstrap ]
```

OPTIONS**--file**

Filename of the XML file containing group definition.

--ldapbootstrap

LDAP bootstrap flag. If this flag is specified, then uds groups will be created with directory locator and directory id. This is relevant only when `--file` option is used.

EXAMPLES

```
beectl modify_group --file MyGroups.xml
```

```
beectl modify_group --file MyGroups.xml --ldapbootstrap
```

modify_hostname

Modifies the configuration repository for hostname of the system and updates required configuration files.

SYNTAX

```
beectl modify_hostname [--start_at_end] [--no_dns_validation] [(--sync | --new_
host_name <new host name> [--old_host_name <old host name>]... )] [--ignore_
validation_warnings]
```

OPTIONS

--sync

If specified, command will read values from configuration repository and sync it to the system configuration files.

--new_host_name

New host name of the local server.

--old_host_name

Old host names of the local server. This value will be used to replace any of the old host name pattern available in local files.

--start_at_end

If specified, components on current beehive instance will be started after modification to configuration files.

--no_dns_validation

If specified, DNS lookup validation of the new host name will not be performed.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl modify_hostname
```

Above command will read the values from file system and updates configuration files and configuration repository with it.

```
beectl modify_hostname --sync --old_host_name  
oldhost1.example.com --old_host_name oldhost2.example.com
```

Above command will read the values from configuration repository and update it to all configuration files. There will be no configuration repository updates when this option is used.

```
beectl modify_hostname --new_host_name demo.example.com --old_  
host_name oldhost1.example.com --old_host_name  
oldhost2.example.com
```

Above example will update configuration repository as well as all other configuration files with new hostname.

Note: Shutdown the midtier before running this command.

This command does not modify iAS instance name.

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

modify_im_preferences

Modifies existing instant message preferences of a user.

SYNTAX

```
beectl modify_im_preferences --user <user identifier or alias> [--archive
<true|false>] [--archive_folder <folder identifier or alias>] [--offline_delivery_
channel <mailto|pull>]
```

OPTIONS

--user

The user whose instant message preferences are to be modified.

--archive

Knob to turn user archiving on/off. Set it to true to turn it on or false otherwise.

--archive_folder

Folder to keep the instant message archive for this user.

--offline_delivery_channel

Effects the mode of offline message delivery. A value of "pull" refers to the semantics wherein the messages are kept with the server and are explicitly fetched by a client facing service on behalf of the user upon his next login. A value of "mailto" on other hand refers to the semantics wherein the offline message will be right away sent as an email to the user.

EXAMPLES

```
beectl modify_im_preferences --user user=beehive_test1
--offline_delivery_channel mailto

beectl modify_im_preferences --user
6C3E:0532:user:88E1F9EA3DD341A6B2E18768F17AC838000000000000
--archive true
```

modify_ischedule_server

Modify a remote iSchedule Server configuration.

SYNTAX

```
beectl modify_ischedule_server --name <name> [--domain_regexp <regexp>]
[--outgoing_url <remote_url>] [--outgoing_auth_id <auth_id>] [--outgoing_auth_key
<auth_key>] [--incoming_auth_id <auth_id>] [--incoming_auth_key <auth_key>]
[--incoming_allow_ip_regexp <regexp>] [--incoming_allow_host_regexp <regexp>]
```

OPTIONS

--name

Name of the remote server configuration, can contain only alpha numerical characters, underscores and dashes.

--domain_regexp

Regular expression that must match the remote user's email address.

--outgoing_url

Address of the remote iSchedule server.

--outgoing_auth_id

Authentication ID that must be used when connecting to the remote server.

--outgoing_auth_key

Key that must be used when connecting to the remote server.

--incoming_auth_id

Authentication ID that the remote server must use when connecting to the Oracle Beehive server.

--incoming_auth_key

Key that the remote server must use when connecting to the Oracle Beehive server.

--incoming_allow_ip_regexp

IP Addresses connecting to the Oracle Beehive server must match this regular expression

--incoming_allow_host_regexp

Host names connecting to the Oracle Beehive server must match this regular expression

EXAMPLES

```
beectl modify_ischedule_server --name remoteserver --domain_regexp ".*@example.com" --outgoing_url http://remoteserver@example.com/ischedule
```

modify_ldap_change_number

Modifies the changelog number of a profile.

SYNTAX

```
beectl modify_ldap_change_number --profile <profilename> --changelog_number <changelognumber>
```

OPTIONS**--profile**

Name of the profile.

--changelog_number

Changelog number of the profile.

EXAMPLES

```
beectl modify_ldap_change_number --profile
MyDirectoryProfileName --changelog_number 100
```

modify_local_ace

Replaces an Access Control Entry (ACE) in the Local Access Control List (LACL) of an entity.

SYNTAX

```
beectl modify_local_ace --entity <unique identifier of the entity> --accessor
<unique identifier of the Accessor> [--access_types <access types string>]
```

OPTIONS**--entity**

Specify the unique identifier of the entity in which the ACE will be replaced.

--accessor

Specify the unique identifier of the Accessor to whom the access types will be applied.

--access_types

Specify the access types string for the Accessor.

EXAMPLES

```
beectl modify_local_ace --entity
adoc=MyDocument, wksp=MyWorkspace, enpr=MyEnterprise --accessor
user=MyUser --access_types +RW-D
```

modify_local_configuration_files

This command updates configuration files local to current midtier with activated changes to centralized configuration. It can restart one or more components on current midtier if needed to make the changes take effect. Some updates to local configuration files require this command to restart all midtier components.

SYNTAX

```
beectl modify_local_configuration_files [--restart_needed] force_apply
```

OPTIONS**--restart_needed**

Indicates if components should be restarted or not. If this option is specified with value false then no component will be stopped/restarted even though changes to local configuration files require a restart of one or more components for taking effect. If this option is specified with value true, and if the changes to local configuration files require a restart of one or more already running components then they will be restarted. The components which were NOT running will NOT be restarted.

--ignore_validation_warnings

If specified, commands using validation framework will ignore the warnings and continue.

EXAMPLES

```
beectl modify_local_configuration_files
```

Above command will update local configuration files with changes if any and restart one or more midtier components if needed.

```
beectl modify_local_configuration_files --restart_needed false
```

Above command will not restart any component but it will display warnings about components which need to be restarted due to changes to local configuration files.

If `--ignore_validation_warnings` is also specified, warnings from validation framework will be ignored and command execution will continue.

modify_max_address_count

The `modify_max_address_count` command modifies maximum number of addresses of an address type that can be set for a given person-contact, group-contact or resource-contact in an address-book. The address types determine the type of address like BUSINESS, PERSONAL & OTHER. The maximum count specified in this command must be less than the system defined maximum limit, which can be determined by running `list_max_address_count` command.

SYNTAX

```
beectl modify_max_address_count --max_address_count <integer value>
```

OPTIONS**--max_address_count**

Maximum number of addresses of an address-type.

EXAMPLES

```
beectl modify_max_address_count --max_address_count 5
```

modify_notification_template

Modifies a specified notification template for the Notification service.

SYNTAX

```
beectl modify_notification_template --file <path to the xml instruction file>
```


OPTIONS**--file**

Specify the full path and file name of the notification XML file.

EXAMPLES

```
beectl modify_notification_template --file
/tmp/nms/UpdateNewInvitationTemplate.xml
```

modify_oc4j_administrator_password

Modifies oc4j administrator password in central configuration.

SYNTAX

```
beectl modify_oc4j_administrator_password --admin_password <oc4j administrator
password>
```

OPTIONS**--admin_password**

New password of the oc4j administrator for Beehive.

EXAMPLES

```
beectl modify_oc4j_administrator_password --admin_password
<secure string>
```

modify_organization

Modifies an existing organization

SYNTAX

```
beectl modify_organization --organization <Organization identifier> [--name
<Organization name>] [--description <Description>] [--hard_quota <Hard quota in
megabytes (MB). Use 'UNLIMITED' for unlimited quota>] [--sub_organization_quota
<Default sub-organization quota in megabytes (MB). Use 'UNLIMITED' for unlimited
quota>] [--team_workspace_hard_quota <Default team workspace hard quota in
megabytes (MB). Use 'UNLIMITED' for unlimited quota>] --team_workspace_soft_quota
<Default team workspace soft quota in megabytes (MB). Use 'UNLIMITED' for
unlimited quota>] [--personal_workspace_hard_quota <Default personal workspace
hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>] --personal_
workspace_soft_quota <Default personal workspace soft quota in megabytes (MB). Use
'UNLIMITED' for unlimited quota>] [--personal_template <Personal workspace default
template identifier>] [--team_template <Team workspace default template
identifier>]
```

OPTIONS**--organization**

Organization identifier

--name

Organization name

--description

Description

--hard_quota

Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--sub_organization_quota

Default sub-organization quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--team_workspace_hard_quota

Default team workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--team_workspace_soft_quota

Default team workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_workspace_hard_quota

Default personal workspace hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_workspace_soft_quota

Default personal workspace soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--personal_template

Personal workspace default template identifier

--team_template

Team workspace default template identifier

EXAMPLES

```
beectl modify_organization --organization orgn=test_
org,enpr=test_enterprise --name New_Name --description New_
description
```

```
beectl modify_organization --organization orgn=test_
org,enpr=test_enterprise --hard_quota 10000 --sub_organization_
quota 1500 --team_workspace_hard_quota 1000 --team_workspace_
soft_quota 1000 --personal_workspace_hard_quota 1000 --personal_
workspace_soft_quota 1000 --personal_template wstp=personal_
wksp_template,enpr=test_enterprise --team_template wstp=team_
wksp_template,enpr=test_enterprise
```

modify_patch_information

Add, append or removes the patch information from the given archives.

SYNTAX

```
beectl modify_patch_information (--archive_file_list <file containing list of
archives> | --archive_directory <directory containing archives> | --archive_file
<archive name> [--archive_file <archive name> ...]) (--upgrade_conf <patch of
upgrade.conf> | --add_patch <patch id > [--private_patch] [--constituent_patch
<constituent patch id> ...] | --delete_patch <patch id to delete> [--delete_patch
<patch id to delete> ...])
```

OPTIONS**--archive_file_list**

A simple text file containing list of archive files which needs to be acted upon. Every line in the file will be taken as one archive file entry relative to current oracle home. Non-archive files will be ignored.

--archive_directory

Directory in which archives will be searched.

--archive_file

Archive file which should be acted upon.

--upgrade_conf

Full path of upgrade.conf which has the upgrade information.

--add_patch

The specified patch will be added in all archives.

--private_patch

The patch specified above is a private patch.

--constituent_patch

Set of constituent patches to the above main patch.

--delete_patch

The specified patch will be removed from all archives.

EXAMPLES

```
beectl modify_patch_information --upgrade_conf --archive_file_
list /tmp/upgrade.conf --upgrade_conf /tmp/file_list.txt
```

Above command will update the archives specified in file list according to the patch information in upgrade.conf.

modify_personal_workspace

Modifies an existing personal workspace

SYNTAX

```
beectl modify_personal_workspace --workspace <Workspace identifier> [--name
<Workspace name>] [--description <Description>] [--hard_quota <Hard quota in
```

megabytes (MB). Use 'UNLIMITED' for unlimited quota> --soft_quota <Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>]

OPTIONS

--workspace

Workspace identifier

--name

Workspace name

--description

Description

--hard_quota

Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--soft_quota

Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

EXAMPLES

```
beectl modify_personal_workspace --workspace wksp=test_
workspace,enpr=Oracle --name New_Name --description New_
description
```

```
ssage>beectl modify_port --protocol HTTP --port 80 </example_
message> <exrd_quota 1000 --soft_quota 1000
```

modify_policy

Modifies an existing policy using data in an XML file.

SYNTAX

```
beectl modify_policy --file <full path to the policy xml file>
```

OPTIONS

--file

Specify the absolute path of the XML file that contains the policy data.

EXAMPLES

```
beectl modify_policy --file /private/xml/MyPolicy.xml
```

modify_policy_schema

Modifies an existing policy schema using data in an XML file.

SYNTAX

```
beectl modify_policy_schema --file <full path to the xml file>
```

OPTIONS

--file

Specify the absolute path of the XML file that contains the policy schema data.

EXAMPLES

```
beectl modify_policy_schema --file
/private/xml/MyPolicySchema.xml
```

modify_policy_template

Modifies an existing policy template using data in an XML file.

SYNTAX

```
beectl modify_policy_template --file <full path to the xml file>
```

OPTIONS

--file

Specify the absolute path of the XML file that contains the policy template data.

EXAMPLES

```
beectl modify_policy_template --file
/private/xml/MyPolicyTemplate.xml
```

modify_port

Modifies various ports.

Valid protocols are

SMTP

IMAP

XMPP

XMPPS

FTP

HTTP

HTTPS

BTP

BTPS

OC4J-JGROUP-RANGE

OC4J-AJP-RANGE

OC4J-RMI-RANGE

OC4J-RMIS-RANGE

OC4J-JMS-RANGE

OC4J-SIP-RANGE

OC4J-AJP-RANGE identifies the range of ports in current site for either AJP or secure AJP protocol whichever is enabled.

SYNTAX

```
beectl modify_port [--protocol <protocol name> [[--virtual_port <virtual port for
the site>][--listen_port <listen port for protocol>] [--port <common port
value>]] [--maximum_port <maximum value in the range> --minimum_port <minimum
value in the range>]] [--component <system object identifier or alias> --name
<name of the port property> --port <value of the port> ]
```

OPTIONS

--protocol

Name of the protocol for which port needs to be modified.

--virtual_port

Port to which the clients will connect. This value will be modified for the entire site.

--listen_port

The actual port which will be opened on each midtier. Typically a listening port.

--port

Convenience option to set both --virtual_port and --listen_port together with same value.

--component

Identifier of the configuration component to be modified. Combined with --name, this option can be used to modify internal ports. For example control port of the Bti or request port of opmn.

--name

Name of the internal port property on the configuration object identified by --component option.

--maximum_port

Some components allocate free port dynamically during process start. For such processes, only the permitted port range is managed. This option can be used to modify the maximum value of the range for the given protocol.

--minimum_port

Some components allocate free port dynamically during process start. For such processes, only the permitted port range is managed. This option can be used to modify the maximum value of the range for the given protocol.

EXAMPLES

```
beectl modify_port --protocol HTTP --virtual_port 80 --listen_
port 7774
```

Above example modifies virtual and listen port values for HTTP protocol for all midtiers.

```
beectl modify_port --protocol HTTP --port 80
```

Above example modifies virtual and listen port values to same given port value for HTTP protocol for all midtiers.

```
beectl modify_port --protocol HTTPS --port 7445 --component
c093d4cc-d9cc-42ae-bc45-4b31fab07190
```

Above example modifies listen port value for HTTPS protocol for given HttpServer configuration component. This can also be achieved using the `beectl modify_property` command.

```
beectl modify_port --component
c093d4cc-d9cc-42ae-bc45-4b31fab07190 --name RequestPort --port
2003
```

Above example modifies port value identified by name RequestPort for given configuration component specified by option `--component`. This can also be achieved using the `beectl modify_property` command.

```
beectl modify_port --protocol OC4J-AJP-RANGE --maximum_port
20601 --minimum_port 20700
```

Above example modifies port range values for given protocol for all OC4Js in all midtiers. Use option `--component` to specify the identifier of the OC4J to be modified.

modify_preference_set

The `modify_preference_set` command modifies the preference set by setting the extends from attribute.

SYNTAX

```
beectl modify_preference_set --set <Preference set identifier> --extends
<Preference set identifier>
```

OPTIONS**--set**

Identifier of the preference set specified in id format, which can be determined by running `list_preference_sets` command with "`--entity_format id`" option.

--extends

Identifier of the preference set from which the new preference set is extended.

EXAMPLES

```
beectl modify_preference_set --set prfs=set1,user=user1
--extends prfs=set2,user=user2
```

modify_property

Modifies the value(s) of a named property of the component identified by --component. Multiple values can be set for one property.

Note :- Option value should not start with hyphen(-). If an option value starts with hyphen, use any one of the following syntaxes. 1. Use <option-name>=<option value> format. This is the preferred way to specify the option values starting with hypens. 2. Prepend the option value with string "ESCAPE:". 3. Prepend the option value with backslash "\\ ". This is the least preferred way. This may not work in some platforms, esp in windows platforms it will not work.

SYNTAX

```
beectl modify_property --component <system object identifier or alias> --name
<name> [ --file <filename> | --revert_to_default | --value <value>... ]
```

OPTIONS**--component**

component id.

--name

Name of the property.

--value

Value of the property.

--file

The contents of this file would be assigned as the value of the specified property. The property MUST be of type String.

--revert_to_default

flag indicating, if values need to be reverted back as original.

EXAMPLES

The command execution shown below would set the BaseLogLevel property of the config object to FINE.

```
beectl modify_property --component
486318ac-f162-477b-814f-140836c257af --name BaseLogLevel --value
FINE
```

The command execution shown below would revert back the BaseLogLevel property of the config object to the initial

default value, if any. If there is no initial default value configured for this property on this config object then the value would be cleared.

```
beectl modify_property --component
486318ac-f162-477b-814f-140836c257af --name BaseLogLevel
--revert_to_default
```

The command execution shown below would set the contents of the specified file as the value of the PostResolutionRules property of the config object. The property PostResolutionRules must be of type String.

```
beectl modify_property --component
520118ac-f162-477b-814f-452106c257cb --name PostResolutionRules
--file /tmp/post_resolution_rules.xml
```

The command execution shown below would set the values starting '-' to the StartParameter property of the config object. The property StartParameter must be of type String.

```
beectl modify_property --component
520118ac-f162-477b-814f-452106c257cb --name StartParameter
--value="-Dhttp.maxFileInfoCacheEntries=-1 -ms128M -mx512M"
```

modify_remote_repository

Modifies the name and/or the description of a Remote Repository.

SYNTAX

```
beectl modify_remote_repository --scope <Remote Repository Container.> --name
<Remote Repository Name.> [ --new_name <The new name for the Remote Repository.> ]
[ --new_description <The new description for the Remote Repository.> ] [ {
--online <Turn the repository online.> | --offline <Turn the repository offline.>
} ]
```

OPTIONS

--scope

Remote Repository Container.

--name

Remote Repository Name.

--new_name

The new name for the Remote Repository.

--new_description

The new description for the Remote Repository.

--online

Turn the repository online.

--offline

Turn the repository offline.

EXAMPLES

```
beectl modify_remote_repository --scope myRemoteRepositoryScope
--name myRemoteRepositoryName --new_name
myNewRemoteRepositoryName --new_description
myNewRemoteRepositoryDescription --offline
```

modify_remote_share

Modifies the name and/or the description of a Remote Share.

SYNTAX

```
beectl modify_remote_share --scope <Remote Share Container.> --name <Remote Share
Name.> [ --new_name <The new name for the Remote Share.> ] [ --new_description
<The new description for the Remote Share.> ] [ { --online <Turn the share
online.> | --offline <Turn the share offline.> } ]
```

OPTIONS**--scope**

Remote Share Container.

--name

Remote Share Name.

--new_name

The new name for the Remote Share.

--new_description

The new description for the Remote Share.

--online

Turn the share online.

--offline

Turn the share offline.

EXAMPLES

```
beectl modify_remote_share --scope myRemoteShareScope --name
myRemoteShareName --new_name myNewRemoteShareName --new_
description myNewRemoteShareDescription --offline
```

modify_resource_classifications

This command set the given category as resource root classification.

SYNTAX

```
beectl modify_resource_classifications [--enterprise <enterpriseid>] --category
```

<categoryid>

OPTIONS

--enterprise

Deprecated option. Use --scope instead.

--category

Category identifier to set as root classification.

EXAMPLES

```
beectl modify_resource_classifications --category
395A:346B:catg:2C5F7E98E076D382E040578CA60B0D0E000000062022
```

modify_resources

Modifies an existing resource.

SYNTAX

```
beectl modify_resources {--resource resourceid | --select_by_name name } [--name
<name>] [--email_address <email address>] [--phone_number <phone_number>]
[--website <website>] [--postal_address <postal address>] [--identifier
<identifier>] [--booking_info <booking info>] [--description <description>]
[--timezone <timezoneid>] [--location <location>] [--capacity <capacity>]
[--add_approver <approverid>] [--delete_approver <approverid>] [--booking_
characteristics <[O]pen>|<[F]CFS>] [--scope <organization>] [--custom_processing
<[T]rue>|<[F]alse>] [--accessible_by <everyone | nobody | groupid |
userid> ] beectl modify_resources {--resource resourceid | --select_by_name name
} --external [--name <name>] [--email_address <email address>] [--phone_
number <phone_number>] [--website <website>] [--postal_address <postal address>]
[--capacity <capacity>] [--timezone <timezone name>] [--location <location>]
[--booking_info <booking info>] [--description <description>] [--scope
<organization>]
```

OPTIONS

--resource

Resource ID.

--select_by_name

modify a resource by name

--name

Modify the name of the resource.

--email_address

Modify the BUSINESS_1 e-mail address of the resource.

--phone_number

Modify the BUSINESS_1 phone number of the resource.

--website

Modify the BUSINESS_1 web site of the resource.

--postal_address

Specify the BUSINESS_1 postal address of the resource. The required format is: l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country>. All fields are optional but at least one field must appear in a valid address of this type. For example, orapostal:l1=1, Main Street is a valid address. The ? character must not be encoded when used as a separator; it must be encoded in all other cases. For example orapostal:l1=1?l2=Which Street%3F?code=12345 is a valid address; but orapostal:l1=1?l2=Which Street??code=12345 is not a valid address because the question mark appearing as part of the address "Which Street?" is not encoded.

--timezone

Modify the timezone of the resource.

--location

e="sensitivity" mandatory="true" data_type="BOME. It must be a xHTML string.

--identifier

Modify the identifier of the resource.

--capacity

Modify the capacity of the resource.

--external

Modify an external resource. If this option is not specified, the command modifies bookable resources.

--add_approver

Resource approver to add.

--delete_approver

Resource approver to delete.

--booking_characteristics

Specify resource default calendar booking characteristic. Specify [O] for Open or [F] for First Come First Serve, case insensitive.

--booking_info

Specify resource booking information. It must be a xHTML string.

--description

Specify the description of the resource. It must be a xHTML string.

--scope

Specify the new enterprise/organization the resource will be attached to.

--custom_processing

Specify if this resource requires custom processing. Specify "T", "True", "F" or "False", case insensitive.

--accessible_by

Specify who can access this resource. It must be one of "everyone", "nobody", a group id or finally a user id, case insensitive. Use "everyone" to reset the accessibility to the default for the resource.

EXAMPLES

```
beectl modify_resources --resource
395A:346B:bkrs:2C5F7E98E076D382E040578CA60B0D0E000000062327
--name "Resource2" --capacity 3
```

modify_role_definition

Modifies an existing RoleDefinition entity.

SYNTAX

```
beectl modify_role_definition --role_definition <unique identifier of the
RoleDefinition> [--name <name of RoleDefinition>] [--description <description>]
[[--privilege <privilege name>]...] [[--add_privilege <privilege name>]...]
[[--remove_privilege <privilege name>]...] [--access_types <access types string>]
[--always_enabled <boolean value>]
```

OPTIONS**--role_definition**

Specify the unique identifier of the RoleDefinition to be modified.

--name

Modify the name of the RoleDefinition.

--description

Modify the description of the RoleDefinition.

--privilege

Modify the privileges of the RoleDefinition. To determine a list of valid privilege arguments, use the list_privileges command. This option can be specified more than once.

--add_privilege

Add privileges to the RoleDefinition. To determine a list of valid privilege arguments, use the list_privileges command. This option can be specified more than once.

--remove_privilege

Remove privileges from the RoleDefinition. To determine a list of valid privilege arguments, use the list_privileges command. This option can be specified more than once.

--access_types

Modify the access types for the RoleDefinition.

--always_enabled

Modify the AlwaysEnabled option of the RoleDefinition. Specify the TRUE argument to enable, and FALSE to disable.

EXAMPLES

```
beectl modify_role_definition --role_definition
acr=MyRoleDefinition, wksp=MyWorkspace, enpr=MyEnterprise --name
MyRoleDefinition2
```

modify_secure_property

This command updates the sensitive property of the system model object identified by the --component.

Note :- Option value should not start with hyphen(-). If an option value starts with hyphen, use any one of the following syntaxes. 1. Use <option-name>=<option value> format. This is the preferred way to specify the option values starting with hypens. 2. Prepend the option value with string "ESCAPE:". 3. Prepend the option value with backslash "\\ ". This is the least preferred way. This may not work in some platforms, esp in windows platforms it will not work.

SYNTAX

```
beectl modify_secure_property --component <system object identifier or alias>
--name <name> --value <obfuscated value> --obfuscated
```

OPTIONS**--component**

component id.

--name

Name of the property.

--value

Value of the property.

EXAMPLES

```
beectl modify_secure_property --component
d4261c24-e917-4e37-9777-41799ef9abe8 --obfuscated --name
AdminPassword --value
```

modify_sensitivity

Modifies an existing Sensitivity entity.

SYNTAX

```
beectl modify_sensitivity --sensitivity <unique identifier of the Sensitivity>
[--name <name of Sensitivity>] [--description <description>] [--sensitivity_only
```

```
<boolean value>] [--delegatable <boolean value>]
```

OPTIONS

--sensitivity

Specify the unique identifier of the Sensitivity to be modified.

--name

Modify the name of the Sensitivity.

--description

Modify the description of the Sensitivity.

--sensitivity_only

Modify the SensitivityOnly option for the Sensitivity. Specify the TRUE argument to enable, and FALSE to disable.

--delegatable

Modify the Delegatable option for the Sensitivity. Specify the TRUE argument to enable, and FALSE to disable.

EXAMPLES

```
beectl modify_sensitivity --sensitivity
acsn=MySensitivity, wksp=MyWorkspace, enpr=MyEnterprise --name
MySensitivity2
```

modify_sensitivity_ace

Replaces an Access Control Entry (ACE) in the Sensitivity Access Control List (SACL) of a Sensitivity entity.

SYNTAX

```
beectl modify_sensitivity_ace --sensitivity <unique identifier of the entity>
--accessor <unique identifier of the Accessor> [--access_types <access types
string>]
```

OPTIONS

--sensitivity

Specify the unique identifier of the Sensitivity in which the ACE will be replaced.

--accessor

Specify the unique identifier of the accessor to whom the access types were applied.

--access_types

Specify the access types string for the Accessor.

EXAMPLES

```
beectl modify_sensitivity_ace --sensitivity
acsn=MySensitivity,wksp=MyWorkspace,enpr=MyEnterprise --accessor
user=MyUser --access_types +RW-D
```

modify_tasklist

Modify various attributes of the selected tasklist.

SYNTAX

```
beectl modify_tasklist { --tasklist <tasklistid> | --tasklistowner <unique_
identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
--select_by_user_name <user_name> | --select_by_resource_name <resource_name> |
--select_by_workspace_name <workspace_name> } [--name <name>] [--priority
<priority>] [--sensitivity <sensitivity>] [--caldav_resource_name <caldav_
resource_name>] [--derive_timezone <derive_timezone>] [--timezone <timezone>]
```

OPTIONS

--tasklist

Specify the unique identifier of a tasklist.

--tasklistowner

Specify the unique identifier of a user, resource or team workspace.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user, resource or team workspace using the format 'scheme:value'. If scheme is not supplied, mailto is assumed.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--select_by_resource_name

Specify the name of a resource.

--select_by_workspace_name

Specify the name of a team workspace.

--name

Modify the tasklist name.

--priority

Modify the default priority of the tasklist. Permitted values are HIGH, MEDIUM, LOW and NONE, case insensitive.

--sensitivity

Modify the default sensitivity of the tasklist. Permitted values are PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL and PRIVATE, case insensitive.

--caldav_resource_name

Modify the caldav resource name of the tasklist.

--derive_timezone

Modify the tasklist's 'derives timezone from the owner' configuration. Permitted values are Y (derive the tasklist timezone from its owner's timezone) or N.

--timezone

Modify the timezone of the tasklist.

EXAMPLES

```
beectl modify_tasklist --select_by_address user@example.com
--name newName
```

modify_tasklist_permissions

Modify access permissions for grantee (user or group) on the specified tasklist.

SYNTAX

```
beectl modify_tasklist_permissions { --tasklist <tasklistid> | --tasklistowner
<unique_identifier> | --select_by_address <uri> | --select_by_authuser <authuser>
| --select_by_user_name <user_name> } --user <userid> | --group <groupid> [--user_
principal | --delegated_principal] [--can_assign | --cannot_assign] [--manage
<sensitivity> ...] [--read <sensitivity> ...] [--deny <sensitivity> ...]
```

OPTIONS**--tasklist**

Specify the unique identifier of a tasklist.

--tasklistowner

Specify the unique identifier of a user.

--select_by_address

Specify the Uniform Resource Identifier (URI) of a user using the format 'scheme:value'. If scheme is not supplied, mailto is assumed.

--select_by_authuser

Specify the login name of a user.

--select_by_user_name

Specify the name of a user.

--user

Specify the unique identifier of the target user.

--group

Specify the unique identifier of the target group.

--user_principal

Set permissions to user only.

--delegated_principal

Set permissions to delegated principal only.

--can_assign

Specify the grantee (user or group) can assign this tasklist.

--cannot_assign

Specify the grantee (user or group) cannot assign this tasklist.

--manage

Grant manage access (delegate) to the grantee (user) on specified sensitivities of this tasklist. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

--read

Grant read access to the grantee (user or group) on specified sensitivities of this tasklist. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

--deny

Deny the grantee (user or group) access to contents in this tasklist on the specified sensitivities. Permitted values are: PUBLIC, NORMAL, CONFIDENTIAL, PERSONAL AND PRIVATE, case insensitive.

EXAMPLES

```
beectl modify_tasklist_permissions --tasklistowner user=user1
--user user=user2 --can_assign --manage PUBLIC --read NORMAL
--read PRIVATE
```

modify_team_workspace

Modifies an existing team workspace

SYNTAX

```
beectl modify_team_workspace --workspace <Workspace identifier> [--name <Workspace
name>] [--description <Description>] [--add_participant <User or group identifier>
[--role <Role definition identifier>]] [--remove_participant <User or group
identifier>] [--email_address <Team workspace email address>] [--participation_
mode <Team workspace participation mode. Value can be INVITE_ONLY, OPEN, or
APPROVE_REQUIRED>] [--directory_listed <TRUE|FALSE. Default value is FALSE>]
[--hard_quota <Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>
--soft_quota <Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota>]
[--workspace_owner <Workspace owner identifier>] [--enable_public_access <>true |
false>] [--public_access_role <Role definition identifier for public access>]
```

OPTIONS**--workspace**

Workspace identifier

--add_participant

Add a user or group to the team workspace

--role

Workspace role definition identifier for the participants to be added

--remove_participant

Remove a user or group from the team workspace

--email_address

Team workspace email address

--participation_mode

Team workspace participation mode. Value can be INVITE_ONLY, OPEN, or APPROVE_REQUIRED

--directory_listed

TRUE | FALSE. Default value is FALSE

--workspace_owner

Workspace owner identifier

--enable_public_access

Whether to enable public access. If true is specified, option public_access_role must be specified

--public_access_role

Role definition identifier for public access

--name

Workspace name

--description

Description

--hard_quota

Hard quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

--soft_quota

Soft quota in megabytes (MB). Use 'UNLIMITED' for unlimited quota

EXAMPLES

```
beectl modify_team_workspace --workspace
wkspace=myWorkspace,enpr=Oracle --add_participant user=userId
--role acrd=workspace-coordinator,enpr=Oracle --email_address
```

```
teamworkspace@company.com --participation_mode OPEN --directory_
listed TRUE
```

modify_timezones

Modify a time zone.

SYNTAX

```
beectl modify_timezones [--select_by_name <TimeZoneName> [--common] | --timezone
<TimeZoneCollabId> [--common] | --reset_to_default}
```

OPTIONS

--timezone

Time zone ID. This option is optional and can be entered only once.

--select_by_name

Select time zone by name. This option is optional and can be entered only once.

--common

Set the specified time zone as common. This option is optional and can be entered only once.

--reset_to_default

Reset time zones to factory default. This option is optional and can be entered only once.

EXAMPLES

```
beectl modify_timezones --select_by_name America/New_York
beectl modify_timezones --reset_to_default
```

modify_trusted_identity

This command modifies the details of the trusted identity. At least one of the options `new_service_name` or `new_key_alias` need to be specified for this modification if the type is WSSEC. If the type of identity is not specified, it is defaulted to WSSEC.

SYNTAX

```
beectl modify_trusted_identity [--type WSSEC --service_name <Trusted Identity
Name> [--new_service_name <New Trusted Identity Name>] [--new_key_alias <new key
alias>]] [--type S2S --service_name <Trusted Identity Name> [--new_service_name
<New Trusted Identity Name>] [--new_password <New Trusted Identity Password>]]
[--type SES --name <Trusted Entity Name> --new_name <New Trusted Entity Name>
--new_password <New Trusted Entity Password>]
```

OPTIONS

--service_name

String value of the service principal name with which it will be identified in Beehive. This option is mandatory if type is WSSEC.

--new_service_name

String value of the new service principal name with which it will be identified in Beehive. This option is mandatory if type is WSSEC.

--new_key_alias

The new alias of the service which is used to register the certificate in the wallet. This option is mandatory if type is WSSEC.

--type

String value indicating the type of trusted identity: SES or WSSEC. SES refers to Secure Enterprise Search. WSSEC refers to Web services security.

--name

String value representing the name of the SES trusted entity.

--new_name

String value representing the new name of the SES trusted entity.

--new_password

String value representing the new password of the SES trusted entity.

EXAMPLES

modify_urm_urls

update urm urls

SYNTAX

```
beectl modify_urm_urls
```

OPTIONS

This command has no options

EXAMPLES

```
beectl modify_urm_urls
```

modify_user

The modify_user command modifies existing users.

SYNTAX

```
beectl modify_user { --user <User Identifier> | --email
<Email address of the user> } [ --family_name <+/-[locale:]family name> ]
[ --given_name <+/-[locale:]given name> ... ] [ --display_name
```

```

<+/-[locale:]display name> ... ]      [ --middle_name <+/-[locale:]middle name> ...
]      [ --job_title <+/-[locale:]job title> ... ]      [ --prefix
<+/-[locale:]prefix> ... ]      [ --suffix <+/-[locale:]suffix> ... ]      [ --nick_
name <+/-[locale:]nick name> ... ]      [ --scope <identifier of users parent> ]
[ --office_location <office location of the user> ]      [ --company <company of
the user> ]      [ --profession <profession of the user> ]      [ --timezone
<timezone of the user> ]      [ --locale <locale of the user> ]      [ --department
<department of the user> ]      [ --assistant <assistant identifier> ]      [
--manager <manager identifier> ]      [ --organization <organization identifier>
... ]      [ --remove_organization <organization identifier> ... ]      [ --login_id
<+/-login_id> ]      [ --login_password <password> ]      [ --voice_principal
<+/-voice_devicenumber> ]      [ --voice_pin <pin> ]      [ --property
<+/-name=value=description> ... ]      [ --protocol_principal <+/-protocol
principal> ]      [ --protocol_password <protocol password> ]      [ --address
<+/-type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ... ]      [ --default_address_for_type <type
of address(business_1|other_5|personal_4|proxy_1|...):scheme(im|mailto|...):value>
... ]      [ --default_address_for_scheme <type of address(business_1|other_
5|personal_4|proxy_1|...):scheme(im|mailto|...):value> ... ]      [ --primary_
address <type of address(business_1|other_5|personal_4|proxy_
1|...):scheme(im|mailto|...):value> ]      [ --status <status of
user(enabled|disabled|locked)> ]      [ --external_inbox <true|false> ]      [
--delegate <[+][delegated_principal_name]:identifier_of_delegator or -delegated_
principal_identifier> ]      [ --lock <principal/account to be
locked(PRIMARY|PROTOCOL|VOICE|USER)> ]      [ --unlock <principal/account to be
unlocked(PRIMARY|PROTOCOL|VOICE|USER)> ]      [ --public_presence <ENABLE|DISABLE> ]
[ --extended_enterprise_user <true|false> ]

```

OPTIONS

--user

Identifier of the user.

--email

Exact email id of the user whose details have to be retrieved. It should be in the format user1@example.com

--family_name

Family name of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--given_name

Given name of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--display_name

Display name of the user in the format: [+/-]value or [+/-]address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all

fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESSeter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--middle_name

Middle name of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--job_title

Job title of the user in the format: value or locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--prefix

Prefix of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--suffix

Suffix of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--nick_name

Nick name of the user in the format: [+/-]value or [+/-]locale:value. If only value is specified, the assumed value of locale is en_US. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc. + or - in the start of the string tells whether the parameter should be added or removed. + or no symbol means the parameter should be added. If - is specified that means the parameter should be removed. Default action is addition.

--scope

Identifier of the enterprise or organization under which this user will be created.

--office_location

Office location of the user. To unset the previously defined value pass either of the following strings: NULL or null.

--company

Company of the user. To unset the previously defined value pass either of the following strings: NULL or null.

--profession

Profession of the user. To unset the previously defined value pass either of the following strings: NULL or null.

--timezone

Timezone of the user. list_timezones lists the valid timezones

--locale

Locale details of the user. Example of locales are en, en_US, en_CA, zh_CN, fr_FR, ja_JP, etc.

--department

Department of the user. To unset the previously defined value pass either of the following strings: NULL or null.

--assistant

Identifier of the assistant.

--manager

Identifier of the manager.

--organization

Identifiers of the organizations the user must be part of.

--remove_organization

Identifiers of the organizations the user must be removed from.

--property

Details of the property in the format [+/-]name=value=description. All custom properties are supported. Note, no equals to symbol(=) should be present in the name or value or description. + or no symbol means the property should be added. If - is specified that means the property should be removed. Default action is addition.

--address

Address of the user in the format [+/-]type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25. + or - in the start of the string tells whether the address should be added or removed. + or no symbol means the address should be added. If - is specified that means the address should be removed. Default action is addition.

--default_address_for_type

Address of the user in the format type:scheme:value. Sets the specified address as the default for the specified type. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format:

l1=<address-line-1>?l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at

least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--default_address_for_scheme

Address of the user in the format type:scheme:value. Sets the specified address as the default for the specified scheme. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country> where all fields l1, l2, box, cy are optional but at least one of them should be present. Supported types are BUSINESS_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--primary_address

Primary address of the user in the format type:scheme:value. Supported schemes are mailto, tel, fax, ftp, http, https, im, imap, ldap, news, nntp, oraalert, oraassistantphone, oracallback, oraisdn, oramobile, oracarphone, orapager, orapostal, orapush, oraradio, orasms, oratelex, orattytd, oravmail, pres, sip, urn, xmpp. Note: orapostal should be of the format: l1=<address-line-1>l2=<address-line-2>?box=<post-box-number>?cy=<city>?st=<state>?code=<postal-code>?c=<country>s <option name="configuration" mandatory="true" data_type="BOM_OBJECT_ID">Version configuration to be updated.<_1 to BUSINESS_5, PERSONAL_1 to PERSONAL_5, OTHER_1 to OTHER_5, PROXY_1 to PROXY_25.

--login_id

The login credentials of the user. A user can have only one login id. Hence if a user already has a login id then the old value will be replaced with the new value.

--login_password

Login password.

--voice_principal

Voice principal of the user. A user can have only one voice principal. Hence if a user already has a voice principal then the old value will be replaced with the new value.

--voice_pin

Pin number for the voice device.

--protocol_principal

Protocol principal of the user. A user can have only one protocol principal. Hence if a user already has a protocol principal then the old value will be replaced with the new value.

--protocol_password

Protocol password.

--status

Sets the provisioning status of the user. Supported values are ENABLED, DISABLED.

--external_inbox

Boolean values which indicates if user's inbox is external or not. Supported values are TRUE, FALSE.

--delegate

Details of the delegated principal in the format principal_name:delegated_identifier or -delegated_principal_identifier. principal_name is the name of the delegated principal that will be created and delegated_identifier is the identifier of the actor who is being delegated. + or - in the start of the string tells whether the principal should be added or removed. + or no symbol means the delegated principal should be added. If the principal name contains a colon(:) it should be properly escaped. If - is specified that means the delegated principal should be removed. In this case only the identifier of the delegated principal has to be specified. Default action is addition. While removing the principal the minus sign (-) has to be escaped. Example: use a s ESCAPE:-. For more details on escaping please refer to beectl help.

--lock

Locks the principal specified. Valid values are PRIMARY, PROTOCOL, VOICE, USER. USER will lock account of the user.

--unlock

Unlocks the principal specified. Valid values are PRIMARY, PROTOCOL, VOICE, USER. USER will unlock account as well as all the principals of the user.

--public_presence

Enables or disables the public presence of the users (ability of unauthorized users to see someone's presence). Supported values are ENABLED, DISABLED.

--extended_enterprise_user

Boolean if user is an external user or not.

EXAMPLES

```
beectl modify_user --user user=user1 --given_name User1GivenName
--family_name -en_CA:User1FamilyName --office_location 4A037
```

```
beectl modify_user --email user1@example.com --property
+employee_number=1234
```

```
beectl modify_user --email user1@example.com --address BUSINESS_
1:mailto:user1@example.com --address ESCAPE:-BUSINESS_
2:im:user1@example.com
```

```
beectl modify_user --user user=user1 --voice_principal 1234567
--voice_pin 123423 --protocol_principal
ESCAPE:-protocolPrincipal
```

```
beectl modify_user --user user=user1 --lock PROTOCOL
```

```

beectl modify_user --user user=user1 --unlock PRIMARY

beectl modify_user --user user=user1 --unlock USER

beectl modify_user --user user=user1 --nick_name
+en:User1NickName --assistant user=user3 --manager user=user2

beectl modify_user --email user1@example.com --status disabled

beectl modify_user --user user=user1 --delegate
DelegatedPrincipalName:user=user2

beectl modify_user --user user=user1 --delegate
ESCAPE:-pcpd=CalendarDelegation2,user=rafiul2

```

modify_user_subscription

Enables or disables an existing subscription

SYNTAX

```

beectl modify_user_subscription {--enable {true|false} --subscription
<Subscription identifier> | --disable_all_subscriptions_for_user <identifier of
subscriber>}

```

OPTIONS

--enable

Enable or disable the subscription. Permitted values are 'true' (enable subscription) or 'false' (disable subscription)

--subscription

Specify the identifier of the subscription.

--disable_all_subscriptions_for_user

Specify the identifier of the subscriber who owns the subscription.

EXAMPLES

```

beectl modify_user_subscription --enable true --subscription
5457:7954:subs:337F34E37E8E81F1E040578C921630B700000000B864

```

```

beectl modify_user_subscription --disable_all_subscriptions_for_
user user=john.smith

```

modify_version_configuration

Updates a given version configuration.

SYNTAX

```
beectl modify_version_configuration --configuration <Configuration identifier>
--file <Full path of the configuration XML file>
```

OPTIONS

--configuration

-component 5792bd5f-3b46-42de-a15d-8

--file

Full path of the version configuration XML file. The file must contain properly formatted data.

EXAMPLES

```
beectl modify_version_configuration --configuration
9941:2345:avcg:58D193D162CE4ED89FF66AB4E55745B6345464545453
--file /tmp/configuration.xml
```

modify_virus_scan_policy

Modifies the virus scan policy configured for the Site. Valid values for the scan policy are: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR. Default is NO_SCAN_OR_REPAIR.

SYNTAX

```
beectl modify_virus_scan_policy [ --scanpolicy <virusscanpolicy> ]
```

OPTIONS

--scanpolicy

Virus scan policy. Default is NO_SCAN_OR_REPAIR.

EXAMPLES

```
<beectl modify_virus_scan_policy --scanpolicy SCAN_AND_REPAIR>
```

modify_workspace_template

Modifies an existing workspace template

SYNTAX

```
beectl modify_workspace_template --template <Full path of the template file>
--file <{?}>
```

OPTIONS**--template**

Workspace template identifier

--file

Full path of the template file

EXAMPLES

```
beectl modify_workspace_template --template wstp=test_team_ws_
template,enpr=test_enterprise --file /tmp/template.xml
```

obfuscate

Obfuscates the prompted string.

SYNTAX

```
beectl obfuscate [--expiration_time_in_minutes 30]
```

OPTIONS**--expiration_time_in_minutes**

Indicates the time in minutes for which obfuscated string should be valid for the use in this Beehive instance. If "0" is passed, obfuscated string will never expire.

EXAMPLES

```
beectl obfuscate
```

(Prompted)Enter the password : [User types in the password which is not echoed on the standard output].

recover_search_failures

Recover search failures. If scope is not specified, Recover search failures from all scopes.

SYNTAX

```
beectl recover_search_failures [--crawl <Recover crawl failures>] [--scope
<Recover failures for this personal or team workspace scope>] [--start_date
<Recover failures of entities modified on or after this date>] [--end_date
<Recover failures of entities modified on or before this date>]
```

OPTIONS**--crawl**

Recover crawl failures

--scope

Recover failures for this personal or team workspace scope

--start_date

Recover failures of entities modified on or after this date

--end_date

Recover failures of entities modified on or before this date

EXAMPLES

```
beectl recover_search_failures --crawl true --scope
4731:36F4:wsp: B886F81BB37C40708B773C94BF30B063000000000001
--start_date 2010-06-01T00:00:01 --end_date 2010-06-30T00:00:01
```

restart

Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.

SYNTAX

```
beectl restart [ --component <component id> | --all | --serially]
```

OPTIONS**--component**

Identifier of component to restart. To restart more than one component at a time, specify this option multiple times.

--all

restart all managed components.

--serially

If specified, restarts all the components one by one.

EXAMPLES

```
beectl restart --all
<option name="all" mandatory="false" data_type="BOOLEe4b86fd46f
```

send_broadcast_im_message

Sends Instant Message to all online users.

SYNTAX

```
beectl send_broadcast_im_message --from <IM address of user sending the message>
[--subject Subject of the Instant Message to be sent to all online users]
--message <Instant Message to be sent to all online users>
```

OPTIONS**--from**

IM address of user sending the message

--subject

Subject of the Instant Message to be sent to all online users

--message

Instant Message to be sent to all online users

EXAMPLES

```
beectl send_broadcast_im_message --from im:user1@example.com
--subject announcement --message Hello
```

```
beectl send_broadcast_im_message --from im:user1@example.com
--message Hello
```

start

Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.

SYNTAX

```
beectl start [ --component <component id> | --all | --serially]
```

OPTIONS**--component**

Identifier of component to start. To start more than one component at a time, specify this option multiple times.

--all

start all managed components.

--serially

If specified, starts all the components one by one.

EXAMPLES

```
beectl start --all
```

```
beectl start --component 5792bd5f-3b46-42de-a15d-8fe4b86fd46f
```

status

Displays the status of all managed components.

SYNTAX

```
beectl status [--dashboard | --detail] [--all_home_instances | --all_services |
(--component <State manageable component>) ... --all_disabled_components |
[--disabled_beehive_instances] [--disabled_oc4js] [--disabled_service_instances]
[--disabled_services] ]
```

OPTIONS

--dashboard

A dashboard view of all the specified components is shown.

--detail

A detailed view of all the specified components is shown.

--all_home_instances

Status of all Beehive instances is shown.

--all_services

Status of all Services is shown.

--component

Status of the specified components is shown.

--all_disabled_components

Lists all the disabled components in the system is shown.

--disabled_beehive_instances

Lists all the disabled beehive instances in the system is shown.

--disabled_oc4js

Lists all the disabled managed oc4js in the system is shown.

--disabled_service_instances

Lists all the disabled service instances in the system is shown.

--disabled_services

Lists all the disabled services in the system is shown.

EXAMPLES

```
beectl status
```

stop

Manages OC4J Instances, Beehive Transport Infrastructure Monitors and Oracle HTTP servers components. The command "beectl status" displays the component id and the status of these manageable components.

SYNTAX

```
beectl stop [ --component <component id> | --all | --serially]
```

OPTIONS

--component

Identifier of component to stop. To stop more than one component at a time, specify this option multiple times.

--all
stop all managed components.

--serially
If specified, stops all the components one by one.

EXAMPLES

```
beectl stop --all
```

```
beectl stop --component 5792bd5f-3b46-42de-a15d-8fe4b86fd46f
```

upload_apns_keystore

Uploads the provider file for Apple Push Notification Service.

SYNTAX

```
beectl upload_apns_keystore --file <path to the apns provider file>
```

OPTIONS

--file
Specify the full path and file name of the .p12 file.

EXAMPLES

```
beectl upload_apns_keystore --file  
$BH/bee hive/seed/push/ans.p12
```

upload_attendant_prompt

Upload a prompt to the database.

SYNTAX

```
beectl upload_attendant_prompt --name <name of attendant> --type <type of prompt>  
[--language <language of prompt>] --file <prompt file>
```

OPTIONS

--name
Name of the attendant.

--type
Type of the prompt. Can be one of language, menu, greeting, extension-prompt, extension-nomatch, option1, option2, option3, option4, option4, option5, option6, option7, option8, option9, noinput, noinput-term, nomatch, nomatch-term.

--language
Language of the prompt.

--file

Path to the prompt file.

EXAMPLES

```
beectl upload_attendant_prompt --name myAttendant --type menu
--language en_US --file menu.wav
```

upload_client_application

Uploads client application binaries to the repository. Either a binary file path or path to a directory containing binary files should be specified.

SYNTAX

```
beectl upload_client_application { --file <path to the client binary> | --dir
<full path to the directory containing the client binaries>}}
```

OPTIONS**--file**

Specify the full path and file name of the client ZIP file.

--dir

Specify the full path of the directory containing the client ZIP files.

EXAMPLES

```
beectl upload_client_application --file
$BH/beehive/seed/dm/pushmail_debug.PPC5.0_ARM.element.zip
beectl upload_client_application --dir $BH/beehive/seed/dm/
```

upload_device_profiles

Uploads device profiles to the repository. An XML file or a directory containing XML files can be used as the source for the device profiles. The file can also contain device types and device profile schema.

SYNTAX

```
beectl upload_device_profiles { --file <Full file path of the device profiles XML
file> | --dir <Full path of the directory containing device profiles XML files>}
```

OPTIONS**--file**

Specify the full path and file name of the device profiles XML file.

--dir

Specify the full path of the directory containing the device profiles XML files.

EXAMPLES

```
beectl upload_device_profiles --file /tmp/device-profiles.xml
beectl upload_device_profiles --dir /tmp/device-profiles/
```

upload_language_pack

Loads language pack resources into the system.

SYNTAX

```
beectl upload_language_pack --source <source> [--ignore_version] [--suppress_
warning] [--accept_builtin]
```

OPTIONS**--source**

Source jar file containing one or more xcliff files or one or more helpsets. Only a jar file is permitted as source value.

--ignore_version

Ignore version information in the xcliff files; use with caution.

--suppress_warning

Suppress warnings about potential xcliff problems; only report fatal errors.

--accept_builtin

Accept xcliff files or helpsets marked as built-in. This option must be used only when necessary because uploading built-in xcliff files or helpsets is typically a maintenance activity. In absence of this option the command will fail if a built-in xcliff file or helpset is being uploaded - this behaviour has been designed to guard against accidentally uploading built-in xcliff files or helpsets.

EXAMPLES

```
beectl upload_language_pack --source abc.jar
```

Add/modify the xcliff file(s) or helpset(s) packaged in abc.jar to existing language pack. Command will fail if any .xcliff or helpset is of filetype builtin. abc.jar is expected to package helpset(s) in the directory structure helpsets/<library_name>/custom/<locale>/<helpset.jar>. .xcliff files (and associated .class files) must be packaged in langpack/xcliff/custom/x.xcliff and langpack/<java-package-tree>/x.class directories respectively. Command will fail if any .xcliff does not contain version. The command will fail if the version of an .xcliff file is prior to the version of corresponding .xcliff file in existing language pack. Helpsets are not versioned hence all custom helpsets from abc.jar MUST overwrite custom helpsets of same name and same locale in same library in existing language pack.

```
beectl upload_language_pack --source abc.jar --accept_builtin
```

Add/modify the xcliff file(s) or helpset(s) packaged in abc.jar to existing language pack. Command will process helpsets or xcliff files of both filetypes - built-in and custom. abc.jar is expected to package helpset(s) in the directory structure helpsets/<library_name>/<filetype>/<locale>/<helpset.jar>. .xcliff files (and associated .class files) must be packaged in langpack/xcliff/<filetype>/x.xcliff and langpack/<java-package-tree>/x.class directories respectively. Command will fail if any .xcliff does not contain version. The command will fail if the version of an .xcliff file is prior to the version of corresponding .xcliff file in existing language pack.

```
beectl upload_language_pack --source abc.jar --ignore_version
```

Add/modify the xcliff file(s) or helpset(s) packaged in abc.jar to existing language pack. Command will fail if any .xcliff or helpset is of filetype builtin. abc.jar is expected to package helpset(s) in the directory structure helpsets/<library_name>/custom/<locale>/<helpset.jar>. .xcliff files (and associated .class files) must be packaged in langpack/xcliff/custom/x.xcliff and langpack/<java-package-tree>/x.class directories respectively. Version info in xcliff files is completely ignored i.e. all custom .xcliff files from abc.jar WILL overwrite custom files of same name in existing language pack.

```
beectl upload_language_pack --source abc.jar --accept_builtin --ignore_version
```

Add/modify the xcliff file(s) or helpset(s) packaged in abc.jar to existing language pack. Command will process helpsets or xcliff files of both filetypes - built-in and custom. abc.jar is expected to package helpset(s) in the directory structure helpsets/<library_name>/<filetype>/<locale>/<helpset.jar>. .xcliff files (and associated .class files) must be packaged in langpack/xcliff/<filetype>/x.xcliff and langpack/<java-package-tree>/x.class directories respectively. Version info in xcliff files is completely ignored i.e. all custom .xcliff files from abc.jar WILL overwrite custom files of same name in existing language pack.

validate_configuration

Validates the configuration for given component id or for the whole system model tree.

SYNTAX

```
beectl validate_configuration [ --id <system object id or alias of system object>]
```

OPTIONS

--id

component id.

EXAMPLES

```
beectl validate_configuration
```

Validates the whole configuration system model.

```
beectl validate_configuration --id
a1d290a8-f8a7-46ea-ae3d-0696c0bde331
```

Validates the system model object identified by given id or alias.

validate_directory_entry

e> <s the directory entry in ldap with corresponding entry in beehive. The directory entry can be of type user, group or external person. The command provides an option to correct any data inconsistencies by applying necessary changes in beehive. The state of the profile specified in this command can either be ENABLE or DISABLE.

SYNTAX

```
beectl validate_directory_entry ( ([ --email <email> ] | [ --identifier <bodn> ] |
[ --dn <dn> ] [ --verbose ] [ --timezone_update ]) | --all_users [
--timezone_update ] | --all_groups | --all | --delete | --profile <Profile_name>
[--commit]
```

OPTIONS

--identifier

Identifier of the user, group or external-person in beehive

--email

Email-ID of the user, group or external-person.

--dn

DN(distinguished name) of the user, group or external-person in ldap directory

--commit

When Command is run with this option, it makes the changes in beehive database. The default is set to non-commit mode or no database changes.

--verbose

This option is used display the detailed information.

--profile

Name of the profile

--all_users

To reconcile all users.

--all_groups

To reconcile all groups.

--all

To reconcile all users and group.

--delete

To reconcile all deleted entries.

--timezone_update

To reconcile timezone.

EXAMPLES

```
beectl validate_directory_entry --email user1@example.com
--profile exampleProfile --commit --verbose
```

```
beectl validate_directory_entry --dn
cn=user2,cn=users,dc=example,dc=com --profile exampleProfile
--commit --verbose
```

```
beectl validate_directory_entry --identifier
user=user3@example.com --profile exampleProfile --verbose
```

```
beectl validate_directory_entry --all --profile exampleProfile
```

```
beectl validate_directory_entry --all_users --profile
exampleProfile
```

```
beectl validate_directory_entry --all_groups --profile
exampleProfile
```

validate_midtier

It validates midtier for various conditions. For example, it reports the issues of database connectivity with each individual rac node.

SYNTAX

```
beectl validate_midtier [--connection_string <connection string to validate>]
[--schema_user <user having sysdba privilege>] [--schema_password <Password for
user having sysdba privilege>]
```

OPTIONS**--connection_string**

Configuration repository connect string.

--schema_user

Name of the user having sysdba privilege.

--schema_password

Password for user having sysdba privilege.

EXAMPLES

```
beectl validate_midtier
```

Above command will use the connection string and credentials available with boot strap configuration and validate the connectivity.

```
beectl validate_midtier --connection_string
(DESCRIPTION=(ENABLE=BROKEN) (ADDRESS_LIST=(LOAD_
BALANCE=on) (FAILOVER=on) (ADDRESS=(PROTOCOL=TCP) (HOST=1234.exempl
e.com) (PORT=1234))) (CONNECT_DATA=(SERVER=DEDICATED) (SERVICE_
NAME=mydb.example.com))) --schema_user system --schema_password
1234dedrf2wddgeyeheteeddy
```

Above command will use the given connection string, credential for sys user and validate the connectivity

validate_policy

Evaluates or executes a policy based on an event payload file.

SYNTAX

```
beectl validate_policy --event_name <Event name.> --event_payload_file <Path to
the event payload xml file.> --policy <The policy identifier.> { --evaluate
<Evaluate this policy.> | --execute <Execute this policy.> }
```

OPTIONS**--event_name**

Event name.

--event_payload_file

Path to the event payload xml file.

--policy

The policy identifier.

--evaluate

Evaluate this policy.

--execute

Execute this policy.

EXAMPLES

```
beectl validate_policy --event_name MyEventTypeName --event_
payload_file MyEventPayloadFile.xml --policy MyPolicy --policy
```

validate_site_key

Validates the given site key.

SYNTAX

```
beectl validate_site_key --site_key <new site key>
```

OPTIONS

--site_key

Site key to be validated.

EXAMPLES

```
beectl validate_site_key --site_key  
87hyhuh78e=122nddn356763yhd34bnh
```

validate_virus_scan_engine_connectivity

Tests the connectivity to the virus scan engine running at the specified host and port.

SYNTAX

```
beectl validate_virus_scan_engine_connectivity [ --hostname <scanengine_hostname>  
] [ --port <scanengine_port> ]
```

OPTIONS

--hostname

Name of the host where the virus scan engine is installed. Default is localhost.

--port

Port number used by the virus scan engine for communication with its clients. Default is 1344.

EXAMPLES

```
<beectl validate_virus_scan_engine_connectivity --hostname  
scanenginehost.example.com --port 1344>
```

version

This command shows the version information of the Beehive products.

List of valid Beehive products is shown below. Use them as a value for the "product" option.

accesschecks

accesscontrol

admin

alarm

artifacts

audit
authn
beectl
beehivemail
bio
btimon
caldav
cms
collabcoex
common-framework
content
core
csi_r1
csi_r1-impl
cspi
discussions
dms
event
event-definitions
framework
ftp
im
jcr
management
mds
mgmtsvc
mobileclient
mobiledm
nms
oma
omb
owc
owc-stdmedia
platform
policy
presence
push

pushmail
rds
search
smpp
teamcollaboration
tms
tzs
uds
uss
version
virusscanner
voice
voip
webdav
wiki
workspaces
xbom
xmpp
xms

List of valid field names is shown below. Use them as a value for "field" option.

name
build_version
internal_version
internal_version_name
public_version
public_version_name
product_description
product_suite_association_ids

beectl version command output is fully customizable. The multi-valued "product" option can be used to get version information for a specified set of products. Similarly the multi-valued "field" option can be used to get the information about the specified set of fields only.

When multi-valued product and field options are used, beectl version command display order is same as the order specified for product and field options in command line.

SYNTAX

```
beectl version [--all | [[--product <Product Name>] ...]] [[--field <Field Name>]...]
```

OPTIONS

--all

Shows version information for all products.

--product

Shows version information for the specified products. This option is multi-valued.

--field

Shows the value of the specified fields. This option is multi-valued.

EXAMPLES

```
beectl version --all
```

The above command will list the version information about all the products.

```
beectl version --product uds --field internal_version --field  
internal_version_name --field product_suite_association_ids
```

The above command will list `internal_version`, `internal_version_name` and `product_suite` information for the user directory service component.

Oracle Beehive Error Codes

This module contains Oracle Beehive error codes.

Access Control Error Codes

The following table lists error codes for Access Control.

Table 3–1 Access Control

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00500	A problem occurred executing an AccessControl CSI method.	FINE	See the associated exception for details.	The AccessControl CSI method failed.	Please contact Oracle Support for more information.
BEE5-00501	PL/SQL returned an exception.	FINE	See the associated exception for details.	The PL/SQL failed to execute.	Please contact Oracle Support for more information.
BEE5-00502	A problem occurred trying to access the database.	WARNING	See the associated exception for details.	A problem occurred trying to access the database.	Please contact Oracle Support for more information.
BEEU-00503	An illegal or invalid argument was specified.	WARNING	See the associated exception for details.	The affected CSI method failed to execute.	Correct the argument and try again. Please contact Oracle Support for more information if the problem persists.
BEEC-00504	An AccessControl service related exception occurred.	SEVERE	See the associated exception for details.	See the associated exception for details.	Please contact Oracle Support for more information.
BEER-00505	A PL/SQL exception occurred.	WARNING	A PL/SQL exception occurred.	PL/SQL execution failed.	Please contact Oracle Support for more information.
BEEZ-00506	You do not have the required access.	FINE	You do not have the required access.	You do not have the required access.	Please contact Oracle Support for more information.
BEEU-00507	There already is an Entity with similar attributes at the same Scope.	FINE	There already is an Entity with similar attributes at the same Scope.	There already is an Entity with similar attributes at the same Scope.	Please contact Oracle Support for more information.
BEEU-00508	The specified Entity does not exist.	FINE	The specified Entity does not exist.	The specified Entity does not exist.	Please contact Oracle Support for more information.
BEEU-00509	The specified Entity does not exist or has not been registered with AccessControl.	WARNING	The specified Entity does not exist or has not been registered with AccessControl.	The specified Entity does not exist or has not been registered with AccessControl.	Please contact Oracle Support for more information.

Table 3–1 (Cont.) Access Control

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00510	A PL/SQL integrity constraint violation occurred.	FINE	A PL/SQL integrity constraint violation occurred.	PL/SQL execution failed.	Please contact Oracle Support for more information.
BEEU-00511	A PL/SQL unique constraint violation occurred.	FINE	A PL/SQL unique constraint violation occurred.	PL/SQL unique failed.	Please contact Oracle Support for more information.
BEEU-00512	The specified Entity snapshot is outdated.	FINE	The specified Entity snapshot is outdated.	The specified Entity snapshot is outdated.	Please contact Oracle Support for more information.

Address Book Error Codes

The following table lists error codes for Address Book.

Table 3–2 Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03101	An error occurred during address book creation	WARNING	Duplicate entity No such entity The specified parent does not exist or cannot be used The name was not specified or cannot be used The specified name is already in use Root address book already exists for the specified parent Quota/lock check failed The user does not have the required access rights Failed to set the change status of the entity Failed to register the container with workspace Failed to register the element with workspace Failed to register the entity with access control service Failed to set access on the entity Failed to load the entity Failed to raise event for the operation The specified value for one or more parameters is too large Failed to perform a workspace operation The entity is locked The quota limit for this scope has exceeded Failed to register the default address book with workspace Failed to find the parent workspace Failed to create the automatically created contacts Failed to create the sensitivity for the container Failed to create the guard for the container Failed to fetch the sensitivities for the container Failed to fetch the local access control entries for the container Failed to copy the local access control entries for the container Failed to copy the sensitivity access control entries for the container Failed to get the default sensitivity for the parent container	The specified address book was not created	Specify a valid value Specify another value See the log file for more details

Table 3-2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03102	An error occurred during address book update	INFO	A newer version of the specified entity exists in the system The specified address book is invalid No such entity The specified name is already in use The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to raise event for the operation Failed to set the change status of the entity The specified value for one or more parameters is too large Failed to load the entity The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace Failed to create the sensitivity for the container Failed to get the default sensitivity for the parent container The default sensitivity cannot be nullified The specified sensitivity is invalid	The specified address book was not updated	Specify a valid value Specify another value Refresh the entity and retry the operation See the log file for more details
BEEU-03103	An error occurred during address book deletion	WARNING	No such entity The specified address book is invalid A newer version of the specified entity exists in the system The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to raise event for the operation This operation is not allowed on a default address book This operation is not allowed on an address book containing automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to get the trash item	The specified address book was not deleted	Specify a valid value Refresh the entity and retry the operation See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03104	An error occurred during address book load	INFO	No such entity The user does not have the required access rights The specified address book is invalid	The specified address book was not loaded	Specify a valid value

Table 3-2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03105	An error occurred during address book move	INFO	A newer version of the specified entity exists in the system The specified address book is invalid No such entity The source address book does not exist The destination address book/workspace does not exist The specified name is already in use The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to raise event for the operation Failed to set access on the entity This operation is not allowed on a default address book This operation is not allowed on an address book containing automatically created contacts The address book cannot be moved to one of its sub address books The entity is locked The quota limit for this scope has exceeded Failed to create the sensitivity for the container Failed to create the guard for the container Failed to fetch the sensitivities for the container Failed to fetch the local access control entries for the container Failed to copy the local access control entries for the container Failed to copy the sensitivity access control entries for the container Failed to delete the sensitivities for the container Failed to find the parent workspace	The specified address book was not moved	Specify a valid value Specify another value Refresh the entity and retry the operation See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03106	An error occurred during address book copy	INFO	A newer version of the specified entity exists in the system The specified address book is invalid No such entity The source address book does not exist The destination address book/workspace does not exist The specified name is already in use Duplicate entity The specified parent does not exist or cannot be used The user does not have the required access rights Root address book already exists for the specified parent Quota/lock check failed Failed to set the change status of the entity Failed to register the container with workspace Failed to register the element with workspace Failed to register the entity with access control service Failed to set access on the entity Failed to load the entity Failed to raise event for the operation Failed to apply labels to the specified entity Failed to perform a workspace operation The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace	The specified address book was not copied	Specify a valid value Specify another value Refresh the entity and retry the operation See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03107	An error occurred during address book undelete	WARNING	A newer version of the specified entity exists in the system The specified address book is invalid No such entity The specified name is already in use Duplicate entity The destination address book/workspace does not exist The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed Failed to set access on the entity Failed to raise event for the operation Failed to perform a workspace operation The entity is locked The quota limit for this scope has exceeded	The specified address book was not undeleted	Specify a valid value Specify another value Refresh the entity and retry the operation See the log file for more details
BEEU-03108	An error occurred during address book get	INFO	No such entity Failed to load the entity The user was not specified or cannot be used The specified workspace is invalid The specified parent does not exist or cannot be used	The address book for the specified entity could not be retrieved	Specify a valid value
BEEU-03109	An error occurred during get element modifications for the address book	WARNING	No such entity The specified address book is invalid The specified anchor is too old	The modified elements could not be fetched for the address book	Specify a valid value Specify another value
BEEU-03110	An error occurred during address book purge	WARNING	Failed to purge the contacts in the address book Failed to unregister the entity with access control service This operation is not allowed on an address book containing automatically created contacts Failed to delete the sensitivities for the container Failed to fetch the sensitivities for the container Failed to perform a workspace operation	The specified address book was not purged	See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03111	An error occurred during address book archiving	WARNING	Failed to archive the contacts in the address book Failed to unregister the entity with access control service Failed to perform a workspace operation	The specified address book was not archived	See the log file for more details
BEEU-03112	An error occurred while listing address books	WARNING	The specified address book is invalid The specified list filter is invalid A projection was not specified or cannot be used	The address books could not be listed	Specify a valid value
BEEU-03113	An error occurred during address book element bulk load	WARNING	A projection was not specified or cannot be used The specified address book element is invalid	The specified address book elements were not loaded	Specify a valid value

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03116	An error occurred during person contact creation	WARNING	The user does not have the required access rights The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified parent does not exist or cannot be used The specified bookmark value is invalid The speeddial specified is not correct or unique Failed to register the entity with access control service Failed to set access on the entity Quota/lock check failed Failed to perform a workspace operation Failed to perform the required attachment operation. Check the logs for more details. The specified roster entry exists Failed to raise event for the operation The entity is locked The quota limit for this scope has exceeded Failed to get the default sensitivity for the parent container The default sensitivity cannot be nullified The specified sensitivity is invalid Failed to create the guard for the container Failed to find the parent workspace	The specified person contact was not created	Specify a valid value Specify another value Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03117	An error occurred during person contact load	WARNING	No such entity The user does not have the required access rights The specified person contact is invalid	The specified person contact was not loaded	Specify a valid value

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03118	An error occurred during person contact update	WARNING	No such entity The specified person contact is invalid A newer version of the specified entity exists in the system Failed to perform a workspace operation The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The speeddial specified is not correct or unique The quota for the contacts has exceeded Failed to perform the required attachment operation. Check the logs for more details. Failed to raise event for the operation The specified roster entry exists This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace The default sensitivity cannot be nullified Failed to create the guard for the container The specified sensitivity is invalid	The specified person contact was not updated	Specify a valid value Specify another value Refresh the entity and retry the operation Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03119	An error occurred during person contact delete	WARNING	No such entity The specified person contact is invalid A newer version of the specified entity exists in the system The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to delete reminders of a contact Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to get the trash item Failed to find the parent workspace	The specified person contact was not deleted	Specify a valid value Refresh the entity and retry the operation Specify another value
BEEU-03120	An error occurred during person contact undelete	WARNING	No such entity The specified person contact is invalid The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation The destination address book does not exist The speeddial specified is not correct or unique Failed to set access on the entity The quota for the contacts has exceeded The specified roster entry exists Failed to raise event for the operation The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace	The specified person contact was not undeleted	Specify a valid value Specify another value See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03121	An error occurred during person contact move	WARNING	No such entity The user does not have the required access rights Quota/lock check failed Failed to set access on the entity The specified person contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to create the guard for the container Failed to find the parent workspace	The specified person contact was not moved	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03122	An error occurred during person contact copy	WARNING	No such entity The user does not have the required access rights The specified person contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation Failed to apply labels to the specified entity Failed to copy attachments to the specified contact Failed to perform a workspace operation Failed to set access on the entity Failed to find the parent workspace	The specified person contact was not copied	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03123	An error occurred during person contact purge	WARNING	Failed to unregister the entity with access control service This operation is not allowed on automatically created contacts Failed to perform a workspace operation	The specified person contact was not purged	See the log file for more details
BEEU-03124	An error occurred during person contact archiving	WARNING	Failed to unregister the entity with access control service	The specified person contact was not archived	See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03125	An error occurred while listing person contacts	WARNING	The specified address book is invalid The specified list filter is invalid A projection was not specified or cannot be used	The person contacts could not be listed	Specify a valid value
BEEU-03126	An error occurred while listing duplicate person contacts	WARNING	The specified address book is invalid No attributes specified for duplicate check	The person contacts could not be listed	Specify a valid value

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03131	An error occurred during group contact creation	WARNING	The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The user does not have the required access rights Failed to register the entity with access control service Failed to set access on the entity Quota/lock check failed The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified parent does not exist or cannot be used The specified bookmark value is invalid The speeddial specified is not correct or unique The quota for the contacts has exceeded Adding or removing members to bookmarked group contacts is not allowed Failed to perform the required attachment operation. Check the logs for more details. The specified roster entry exists A bookmarked group contact cannot be a buddy list entry A buddy list group contact must have a group name Failed to raise event for the operation The specified given name is used by auto created Manager and Peers/Direct Reports group contact The entity is locked The quota limit for this scope has exceeded Failed to get the default sensitivity for the parent container The default sensitivity cannot be nullified The specified sensitivity is invalid Failed to create the group for	The specified group contact was not created	Specify a valid value Specify another value Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03132	An error occurred during group contact load	WARNING	No such entity The user does not have the required access rights The specified group contact is invalid	The specified group contact was not loaded	Specify a valid value

Table 3-2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03133	An error occurred during group contact update	WARNING	No such entity The specified group contact is invalid A newer version of the specified entity exists in the system Failed to perform a workspace operation The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The speeddial specified is not correct or unique The quota for the contacts has exceeded Adding or removing members to bookmarked group contacts is not allowed Failed to perform the required attachment operation. Check the logs for more details. Failed to raise event for the operation The specified roster entry exists A bookmarked group contact cannot be a buddy list entry A buddy list group contact must have a group name This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace The default sensitivity cannot be nullified Failed to create the guard for the container The specified sensitivity is invalid	The specified group contact was not updated	Specify a valid value Refresh the entity and retry the operation Specify another value Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03134	An error occurred during group contact delete	WARNING	No such entity The specified group contact is invalid A newer version of the specified entity exists in the system The user does not have the required access rights Quota/lock check failed Failed to delete reminders of a contact Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to get the trash item Failed to find the parent workspace	The specified group contact was not deleted	Specify a valid value Refresh the entity and retry the operation Specify another value
BEEU-03135	An error occurred during group contact undelete	WARNING	No such entity The specified group contact is invalid The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to set access on the entity The destination address book does not exist The speeddial specified is not correct or unique The quota for the contacts has exceeded The specified roster entry exists Failed to raise event for the operation The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace	The specified group contact was not undeleted	Specify a valid value See the log file for more details Specify another value Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03136	An error occurred during group contact move	WARNING	No such entity The user does not have the required access rights Quota/lock check failed Failed to set access on the entity The specified group contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to create the guard for the container Failed to find the parent workspace	The specified group contact was not moved	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03137	An error occurred during group contact copy	WARNING	No such entity The user does not have the required access rights The specified group contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation Failed to apply labels to the specified entity Failed to copy attachments to the specified contact Failed to perform a workspace operation Failed to set access on the entity Failed to find the parent workspace	The specified group contact was not copied	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03138	An error occurred during group contact purge	WARNING	Failed to unregister the entity with access control service This operation is not allowed on automatically created contacts Failed to perform a workspace operation	The specified group contact was not purged	See the log file for more details
BEEU-03139	An error occurred during group contact archiving	WARNING	Failed to unregister the entity with access control service	The specified group contact was not archived	See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03140	An error occurred while listing group contacts	WARNING	The specified address book is invalid The specified list filter is invalid A projection was not specified or cannot be used	The group contacts could not be listed	Specify a valid value
BEEU-03141	An error occurred while listing duplicate group contacts	WARNING	The specified address book is invalid No attributes specified for duplicate check	The group contacts could not be listed	Specify a valid value

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03146	An error occurred during resource contact creation	WARNING	The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The user does not have the required access rights Failed to register the entity with access control service Failed to set access on the entity Quota/lock check failed The specified parent does not exist or cannot be used The specified bookmark value is invalid The speeddial specified is not correct or unique The quota for the contacts has exceeded Failed to perform the required attachment operation. Check the logs for more details. Failed to raise event for the operation The entity is locked The quota limit for this scope has exceeded Failed to get the default sensitivity for the parent container The default sensitivity cannot be nullified The specified sensitivity is invalid Failed to create the guard for the container Failed to find the parent workspace	The specified resource contact was not created	Specify a valid value Specify another value Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03147	An error occurred during resource contact load	WARNING	No such entity The user does not have the required access rights The specified resource contact is invalid	The specified resource contact was not loaded	Specify a valid value

Table 3-2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03148	An error occurred during resource contact update	WARNING	No such entity The specified resource contact is invalid A newer version of the specified entity exists in the system Failed to perform a workspace operation The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The speeddial specified is not correct or unique The quota for the contacts has exceeded Failed to perform the required attachment operation. Check the logs for more details. Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace The default sensitivity cannot be nullified Failed to create the guard for the container The specified sensitivity is invalid	The specified resource contact was not updated	Specify a valid value Refresh the entity and retry the operation Specify another value Maximum count for the addresses exceeded, check the maximum addresses allowed See the log file for more details Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03149	An error occurred during resource contact delete	WARNING	No such entity The specified resource contact is invalid A newer version of the specified entity exists in the system The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to delete reminders of a contact Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to get the trash item Failed to find the parent workspace	The specified resource contact was not deleted	Specify a valid value Refresh the entity and retry the operation Specify another value
BEEU-03150	An error occurred during resource contact undelete	WARNING	No such entity The specified resource contact is invalid The specified parent does not exist or cannot be used The user does not have the required access rights Quota/lock check failed Failed to perform a workspace operation Failed to set access on the entity The destination address book does not exist The speeddial specified is not correct or unique The quota for the contacts has exceeded Failed to raise event for the operation The entity is locked The quota limit for this scope has exceeded Failed to find the parent workspace	The specified resource contact was not undeleted	Specify a valid value See the log file for more details Specify another value Quota exceeded, check the allowed quota

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03151	An error occurred during resource contact move	WARNING	No such entity Quota/lock check failed The user does not have the required access rights Failed to set access on the entity The specified resource contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation This operation is not allowed on automatically created contacts The entity is locked The quota limit for this scope has exceeded Failed to create the guard for the container Failed to find the parent workspace	The specified resource contact was not moved	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03152	An error occurred during resource contact copy	WARNING	No such entity The user does not have the required access rights The specified resource contact is invalid The specified parent does not exist or cannot be used The destination address book does not exist The quota for the contacts has exceeded Failed to raise event for the operation Failed to apply labels to the specified entity Failed to copy attachments to the specified contact Failed to perform a workspace operation Failed to set access on the entity Failed to find the parent workspace	The specified resource contact was not copied	Specify a valid value Specify another value Quota exceeded, check the allowed quota
BEEU-03153	An error occurred during resource contact purge	WARNING	Failed to unregister the entity with access control service This operation is not allowed on automatically created contacts Failed to perform a workspace operation	The specified resource contact was not purged	See the log file for more details

Table 3–2 (Cont.) Address Book

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03154	An error occurred during resource contact archiving	WARNING	Failed to unregister the entity with access control service	The specified resource contact was not archived	See the log file for more details
BEEU-03155	An error occurred while listing resource contacts	WARNING	The specified address book is invalid The specified list filter is invalid A projection was not specified or cannot be used	The resource contacts could not be listed	Specify a valid value
BEEU-03156	An error occurred while listing duplicate resource contacts	WARNING	The specified address book is invalid No attributes specified for duplicate check	The resource contacts could not be listed	Specify a valid value
BEEU-03161	An error occurred during cancel operation	WARNING	Failed to perform the required attachment operation. Check the logs for more details.	The operation was not canceled	Try again later. If the problem persists, contact your system administrator

Audit Error Codes

The following table lists error codes for Audit.

Table 3–3 Audit

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03201	NULL value passed in as method parameter	WARNING	One or more parameters are invalid or null		
BEEU-03202	Audit artifact matching given name or container already exists	WARNING	Check the name, container's identifier etc before invoking the method		
BEEU-03203	Audit artifact with the given identifier not found	WARNING	Invalid identifier specified or search criteria may not be valid		
BEEU-03204	Invalid parameter value supplied to service method	WARNING	Supplied parameter value or length of the value is invalid		Provide correct value for the service method parameter
BEEU-03205	User's logon record or session identifier not found	WARNING	User session may have expired		
BEEU-03207	Audit policy not found	INFO	Identifier is either invalid or an audit artifact for the given identifier does not exist		
BEEU-03208	Audit trail not found	INFO	Identifier is either invalid or an audit artifact for the given identifier does not exist		
BEEU-03209	Audit record not found	INFO	No audit records matching the search criteria		

Table 3–3 (Cont.) Audit

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03211	Audit artifact snapshot is not valid	WARNING	Audit artifact has been modified by another application		Retrieve the modified audit artifact and retry the operation
BEEU-03212	Failed to create audit trail	WARNING	Duplicate identifier or trail name		
BEEU-03213	Audit artifact constraint is violated	WARNING	A dependent audit artifact exists or this artifact can not be modified		The dependent audit artifact must be modified (e.g. enable) or removed (e.g. template), then retry the operation

Authentication Service Error Codes

The following table lists error codes for Authentication Service.

Table 3–4 Authentication Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00800	AUTH: Method not supported.	WARNING	AUTH: Method not supported.		
BEEU-00801	AUTH: User Already Exists.	WARNING	AUTH: User Already Exists.		
BEEU-00802	AUTH: User does not exist.	WARNING	AUTH: User does not exist.		
BEEU-00803	AUTH: Non-conformant username.	WARNING	AUTH: Non-conformant username.		
BEEU-00804	AUTH: Non-conformant password.	WARNING	AUTH: Non-conformant password. {0}		
BEEU-00805	AUTH: Non-conformant pin.	WARNING	AUTH: Non-conformant pin.		
BEEU-00806	AUTH: Non-conformant device.	WARNING	AUTH: Non-conformant device.		
BEEU-00807	AUTH: Invalid username/password.	WARNING	AUTH: Invalid username/password .		
BEEU-00808	AUTH: Device already registered.	WARNING	AUTH: Device already registered.		
BEEU-00809	AUTH: Device not registered.	WARNING	AUTH: Device not registered.		
BEEU-00810	AUTH: Invalid username/pin.	WARNING	AUTH: Invalid username/pin.		
BEEU-00811	AUTH: Password modification failiure.	WARNING	AUTH: Password modification failiure.		
BEEU-00812	AUTH: Illegal argument.	WARNING	AUTH: Illegal argument.		
BEEU-00820	AUTH: Invalid AuthenticationToken.	WARNING	AUTH: Invalid AuthenticationToken .		
BEEU-00821	AUTH: UserContext Creation Failed.	WARNING	AUTH: UserContext Creation Failed.		
BEEU-00822	AUTH: Invalid UserContext.	FINE	AUTH: Invalid UserContext.		

Table 3–4 (Cont.) Authentication Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00823	AUTH: Invalid Credentials.	WARNING	AUTH: Invalid Credentials.		
BEEU-00824	AUTH: Authentication Failed.	WARNING	AUTH: Authentication Failed.		
BEEU-00825	AUTH: UDS Resolve Failed.	WARNING	AUTH: UDS Resolve Failed.		
BEEU-00826	AUTH: Authorization Error.	WARNING	AUTH: Authorization Error.		
BEEU-00850	AUTH: Authentication store exception.	WARNING	AUTH: Authentication store exception.		

Beehive Development Kit Error Codes

The following table lists error codes for Beehive Development Kit.

Table 3–5 Beehive Development Kit

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04500	Invalid URI in request	WARNING	The specified URI - {0} - does not exist.	Requested operation was not performed.	Retry with a valid URI.
BEEU-04501	Missing Query Parameter	WARNING	No value specified for query parameter - {0}.	Requested operation was not performed.	Retry the operation with a value for the missing query parameter.
BEEU-04502	Missing Header	WARNING	No value specified for header - {0}.	Requested operation was not performed.	Retry the operation with a value for the missing header.
BEEU-04503	Invalid Query Parameter Value	WARNING	Invalid value - {0} - specified for query parameter - {1}.	Requested operation was not performed.	Retry the operation with a valid value for the query parameter.
BEEU-04504	Missing Payload	WARNING	No payload specified where one was expected.	Requested operation was not performed.	Retry the operation with a payload.
BEEU-04505	Invalid Payload Type	WARNING	Type of payload specified is invalid.	Requested operation was not performed.	Retry the operation with a payload of type - {0}.
BEEU-04506	Invalid Payload	WARNING	The payload is invalid or has invalid content.	Requested operation was not performed.	Retry the operation with a valid payload.
BEEU-04507	Batch Size Exceeded	WARNING	The number of ids specified exceeds the maximum number of ids allowed per batch - {0}.	Requested operation was not performed.	Retry the operation with fewer ids.
BEEU-04508	Invalid Id Format	WARNING	Specified id - {0} - is not in the correct format.	Requested operation was not performed.	Retry the operation with a valid id.
BEEU-04509	Invalid Id Type	WARNING	The specified id - {0} - is invalid and does not match the resource.	Requested operation not performed.	Retry the operation with a valid id.
BEEU-04510	Upload Failure	WARNING	Upload failed - {0}	Requested operation was not performed.	Retry the operation.

Table 3–5 (Cont.) Beehive Development Kit

Message ID	Display Name	Severity	Cause	Effect	Action
BEEER-04511	Presence Connection Limit Reached	WARNING	Maximum number of presence connections supported per session has been reached.	Requested operation was not performed.	Retry the operation after closing one or more existing presence connections.
BEEU-04512	Duplicate Presence Connection Id	WARNING	Specified connection id already exists.	Requested operation was not performed.	Retry the operation with a different id.
BEEU-04513	JSON Type-Value Mismatch	WARNING	For member {0}, expected type is {1}, but specified type is {2}	Requested operation was not performed.	Retry the operation with a value of the correct type.
BEEU-04514	Unsupported Accept Header	WARNING	Unsupported valued in Accept header.	Requested operation was not performed.	Retry the operation with a valid value for the Accept header.
BEEU-04515	Impersonation Failure	WARNING	Error occurred during impersonation.	Requested operation was not performed.	Check that impersonation has been setup correctly and retry the operation.
BEEU-04516	Unsupported HTTP Method	WARNING	HTTP method - {0} - not supported on resource at URI - {1}	Requested operation not performed.	Retry the operation with a valid HTTP method.
BEEU-04517	Invalid Header	WARNING	Invalid value - {0} - specified for header {1}	Requested operation was not performed.	Retry the operation with a valid value.
BEEU-04518	No File Uploaded	WARNING	No file was uploaded.	Requested operation was not performed.	Retry the operation with at least one file upload.
BEEES-04519	Internal Error	SEVERE	An internal error occurred.	Required operation was not performed.	Please contact Oracle Support for more information.
BEEU-04520	Duplicate Name	WARNING	The specified name is already in use by another IM client in this session.	Requested operation was not performed.	Retry the operation with a different name.

Bom Object Distinguished Naming Error Codes

The following table lists error codes for Bom Object Distinguished Naming.

Table 3–6 Bom Object Distinguished Naming

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03700	Bodn parsing failed.	SEVERE	Reason: {0}. Invalid bodn format provided. Invalid type "{0}" is provided. Invalid BOM type is used. Invalid BOM type is used. Reason: {0}.	Could not parse value "{0}".	Please use correct format of identifier. Please use correct bodn format (type=name). For example, orgn=yyy,enpr=xxx Please provide correct value. Please provide correct value using bom type as "{0}".
BEEU-03701	Could not find the given entity.	SEVERE	Could not resolve the given bodn into unique entity. No entity found for the given bodn. Given scope is not supported for "{0}" type. No identifiable name is found for given identifier "{0}".	Bodn parsing failed for value "{0}".	Please use collab id format for the value. Please use correct value. Please use correct scope or parent while specifying the bodn. Only collab id format can be used to refer this entity.
BEEU-03702	Internal error occurred.	SEVERE	Given entity type "{0}" is not yet supported. Naming on given Id type "{0}" is not yet supported.	Entity could not be found for "{0}".	Please use system generated identifier as the value. Naming on given Id type "{0}" is not yet supported.

Client Management Service Error Codes

The following table lists error codes for Client Management Service.

Table 3–7 Client Management Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEZ-03901	Session identity mismatch.	SEVERE	New channel identity doesn't match session identity.	Session is terminated for security reasons.	Please contact your administrator.
BEEU-03902	Some of the data or parameter you supplied was invalid or out of range.	WARNING	One of the entity handles/CollabIds was of incorrect BOM type Number of specified EIDs doesn't match the number of entities Specified control class {0} was not found. No exact method match found. Projection {0} is undefined for snapshot {1}. Request was not recognized because it doesn't conform to specification. Request doesn't have a body. Request is empty. Request can't be parsed because it either malformed or refers to unregistered XBOM class. Specified delegate principal can't be activated.	Your request wasn't executed.	Correct and resubmit your request.
BEEU-03903	Batch request execution interrupted.	INFO	One of the services thrown an exception while processing one of the batch items.	Some of the items in the batch were not processed.	Correct the problem and resubmit your request.

Coexistence Service Error Codes

The following table lists error codes for Coexistence Service.

Table 3–8 Coexistence Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04201	Coexisting remote system could not be found.	FINE	The coexisting remote system identifier does not exist.	The coexisting remote system cannot be accessed.	Specify a valid identifier.
BEEU-04202	Coexistence profile could not be found.	FINE	The coexistence profile identifier does not exist.	The coexistence profile cannot be accessed.	Specify a valid identifier.
BEEU-04203	Coexistence import request does not exist.	FINE	The coexistence import request identifier does not exist.	The coexistence import request cannot be accessed.	Specify a valid identifier.
BEEU-04204	Beehive user does not exist.	FINE	The Beehive user identifier does not exist.	This Beehive user can not be accessed.	Specify a valid identifier.
BEEU-04205	Beehive entity does not exist.	FINE	The Beehive entity identifier does not exist.	This Beehive entity can not be accessed.	Specify a valid identifier.

Table 3–8 (Cont.) Coexistence Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04206	Duplicate Partnership Key.	FINE	The specified Partnership Key is already used.	The coexisting remote system could not be created or modified.	Specify a different Partnership Key.
BEEU-04207	Illegal null value	FINE	An illegal null value was specified.	The operation could not be completed.	Specify a valid value.
BEEU-04208	Illegal value	FINE	An illegal value was specified.	The operation could not be completed.	Specify a valid value.
BEEU-04209	Precondition failed.	FINE	A precondition failed.	The operation could not be completed.	Fulfil the precondition.
BEEU-04210	Stored data inconsistency.	FINE	The stored data is inconsistent.	The operation could not be completed.	Please notify your system administrator.
BEEU-04211	Internal illegal null value.	FINE	An illegal null value was specified for input parameter.	The operation could not be completed.	Please notify your system administrator.
BEEU-04212	Internal illegal value..	FINE	An illegal value was specified for input parameter.	The operation could not be completed.	Please notify your system administrator.
BEEU-04213	Operation skipped.	FINE	Another instance is doing the same operation.	The operation was skipped.	Nothing to do.
BEEU-04214	Team collaboration coexistence is not supported in this Oracle Beehive release.	FINE	Team collaboration coexistence is not supported in this Oracle Beehive release.	Coexistence profile was not modified.	Specify a maximum of one accessible system for a coexistence profile.
BEEU-04215	Coexistence profile is missing an accessible system.	FINE	No accessible system specified for the coexistence profile.	The operation was skipped.	Specify exactly one accessible system.
BEEU-04216	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04217	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04218	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04219	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04220	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04221	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04222	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04223	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04224	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.
BEEU-04225	This error code is not assigned.	FINE	This error code is not assigned.	This error code is not assigned.	This error code is not assigned.

Device Management Error Codes

The following table lists error codes for Device Management.

Table 3–9 Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEES-00600	Device Management Service Operation aborted	WARNING	Null data recieved when not null value is expected	Device Management Service Operation aborted	Make sure all the null value constraints are followed as mentioned in the documentation and try again
BEEU-00601	Create Client Application failed	INFO	Client Application cannot be created in the repository due to internal error Client Application with same details exists in the repository Client Application with same Eid already exists in the repository	Client Application will not be created	Please contact Oracle Support for more information Create Client Application with a different name or vendor or language or os or processor or language Create Client Application with a different name or vendor or language or os or processor or language
BEEU-00602	Update Client Application failed	INFO	ClientApplication cannot be updated due to internal error Client Application is not found in the repository	Client Application will not be updated	Please contact Oracle Support for more information Try the operation with a valid Eid
BEEU-00603	Delete Client Application failed	INFO	Delete Client Application failed due to internal error Client Application is not found in the repository Installable Client Application exists in this Application hierarchy	Client Application will not be deleted	Please contact Oracle Support for more information Try the operation with a valid Eid Please delete the Installable Client Application in this Application hierarchy
BEEU-00604	Load Client Application failed	INFO	Load Client Application failed due to internal error Client Application is not found in the repository	Client Application will not be loaded	Make sure that the application is uploaded. If it is uploaded contact the System Administrator to resolve the issue. Try the operation with a valid Eid
BEEES-00605	Resolve Client Application Failed	INFO	Client Application is not found in the repository	Client Application will not be loaded	Please retry with different values
BEEU-00606	The upload of the client application failed.	WARNING	An error occurred while uploading the client application. The metadata.xml included in the client application zip file does not conform to the XML Schema expected by the Device Management Service.	The client application could not be uploaded.	Please correct the error encountered during the upload of the client application. If the error cannot be corrected contact the System Administrator to resolve the issue. Please correct the metadata.xml to conform to the XML Schema and retry.

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00611	Client Application Version cannot be created	INFO	Client Application Version cannot be created in the repository due to internal error Client Application Version with same versionnumber for this Client Application exists in the repository Client Application Version with same Eid already exists in the repository Client Application with Eid passed is not found in the repository	Client Application Version will not be created	Please contact Oracle Support for more information Create Client Application Version with a different Eid Create Client Application Version with a different versionnumber Provide a valid Client Application reference Please delete the Installable Client Application in this Application hierarchy
BEEU-00612	Delete Client Application Version failed	INFO	Delete Client Application Version failed due to internal error Client Application Version is not found in the repository Installable Client Application exists in this Application hierarchy You cannot delete the only Client Application Version in the containing Client Application	Client Application Version will not be deleted	Please contact Oracle Support for more information Provide a valid Client Application Version Eid Please delete the Installable Client Application in this Application hierarchy Delete the containing Client Application to which this Client Application Version belongs
BEEU-00613	Load Client Application Version failed	INFO	Load Client Application Version failed due to internal error Client Application Version is not found in the repository	Client Application Patchset will not be loaded	Make sure that the Client Application Version is uploaded. If it is uploaded contact the System Administrator to resolve the issue. Provide a valid Client Application Version Eid
BEEU-00621	Client Application Patchset cannot be created	INFO	Client Application Patchset cannot be created in the repository due to internal error Client Application Patchset with same patchsetnumber for this Client Application Version exists in the repository Client Application Patchset with same Eid already exists in the repository Client Application Version with Eid passed is not found in the repository	Client Application Patchset will not be created	Please contact Oracle Support for more information Create Client Application Patchset with a different Eid Create Client Application Patchset with a different patchsetnumber Provide a valid Client Application Version reference

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00622	Delete Client Application Patchset failed	INFO	Delete Client Application Patchset failed due to internal error Client Application Patchset is not found in the repository Installable Client Application exists in this Application hierarchy You cannot delete the only Client Application Patchset in the containing Client Application Version	Client Application Patchset will not be deleted	Please contact Oracle Support for more information Provide a valid Client Application Patchset Eid Please delete the Installable Client Application in this Application hierarchy Delete the containing Client Application Version to which this Client Application Patchset belongs
BEEU-00623	Load Client Application Patchset failed	INFO	Load Client Application Patchset failed due to internal error Client Application Patchset is not found in the repository	Client Application Patchset will not be loaded	Make sure that the Client Application Patchset is uploaded. If it is uploaded contact the System Administrator to resolve the issue. Provide a valid Client Application Patchset Eid
BEEU-00631	Client Application Module cannot be created	INFO	Client Application Module cannot be created in the repository due to internal error Client Application Module with same name and destination folder for this Client Application Patchset exists in the repository Client Application Module with same Eid already exists in the repository Client Application Patchset with Eid passed is not found in the repository New ClientApplicationModules cannot be introduced between patchsets	Client Application Module will not be created	Please contact Oracle Support for more information Create Client Application Module with a different Eid Create Client Application Patchset with a different patchsetnumber Provide a valid Client Application Patchset reference Introduce a new Version or remove the new module
BEEU-00632	Delete Client Application Module failed	INFO	Delete Client Application Module failed due to internal error Client Application Module is not found in the repository	Client Application Module will not be deleted	Please contact Oracle Support for more information Provide a valid Client Application Module Eid

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00633	Load Client Application Module failed	INFO	Load Client Application Module failed due to internal error Client Application Module is not found in the repository	Client Application Module will not be loaded	Make sure that the Client Application Module is uploaded. If it is uploaded contact the System Administrator to resolve the issue. Provide a valid Client Application Module Eid
BEEU-00641	Create Device failed	INFO	Create Device failed due to internal error Device with same device id already exists in the repository Device with same device Eid already exists in the repository	Device will not be created in the repository	Please contact Oracle Support for more information Assign a different device id and try again Assign a different Eid and try again.
BEEU-00642	Update Device failed	INFO	Update device failed due to internal errors State of the device is outdated Device does not exist in the repository	Device will not be updated with the new values	Contact the system administrator Retry the operation with always update/delete option or reload the state of the device. Verify the Device identifier and try again
BEEU-00643	Delete device failed	INFO	Delete device failed due to internal errors State of the device is outdated Device does not exist in the repository Device Command exists for this device.	Device will not be deleted	Contact the system admin Retry the operation with always update/delete option or reload the state of the device. Verify the Device identifier and try again Delete all DeviceCommands for this device and try deleting this device.
BEEU-00644	Load device failed	INFO	Load device failed due to internal errors Device does not exist in the repository	Device will not be loaded	Check the device details and try again. If the problem still persist contact the system administrator Verify the Device identifier and try again

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00651	Create Device Type failed	INFO	Create Device Type failed due to internal error Device Type with same name already exists in the repository Device Type with same os, processor and device class already exists in the repository Device Type with same manufacturer, model, software version and devinfdd version already exists in the repository Device Type with same Eid already exists in the repository Device Profile passed in with the Device Type is invalid	Device Type will not be created in the repository	Please contact Oracle Support for more information Assign a different name for the Device Type and try again Enter a different value for either or all of os, processor, device class and try again. Enter a different value for either or all of manufacturer, model, software version, devinfdd version and try again. Assign a different Eid and try again. Try again with a valid Device Profile
BEEU-00652	Update Device Type failed	INFO	Update Device Type failed due to internal errors State of the Device Type is outdated Device Type Eid passed is not found in the repository Device Type with same os, processor and device class already exists in the repository Device Type with same manufacturer, model, software version and devinfdd version already exists in the repository	Device Type will not be updated with the new values	Contact the system administrator Either try with always update/delete option or reload the state of the Device Type and try updating Check the Eid of the Device Type and try again Enter a different value for either or all of os, processor, device class and try again. Enter a different value for either or all of manufacturer, model, software version, devinfdd version and try again.
BEEU-00653	Delete Device Type failed	INFO	Delete Device Type failed due to internal errors State of the Device Type is outdated Device Type Eid passed is not found in the repository	Device Type will not be deleted	Contact the system admin Either try with always update/delete option or reload the state of the Device Type and try updating Check the Eid of the Device Type and try again
BEEU-00654	Load Device Type failed	INFO	Load Device Type failed due to internal errors Device Type Eid passed is not found in the repository	Device Type will not be loaded	Check the Device Type details and try again. If the problem still persist contact the system administrator Check the Eid of the Device Type and try again

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00661	Create Device Profile failed	INFO	Create Device Profile failed due to internal error Device Profile with same name already exists in the repository Device Profile with same Eid already exists in the repository	Device Profile will not be created in the repository	Please contact Oracle Support for more information Assign a different name for the Device Profile and try again Assign a different Eid and try again.
BEEU-00662	Update Device Profile failed	INFO	Update Device Profile failed due to internal errors State of the Device Profile is outdated Device Profile Eid passed is not found in the repository Preference Profile passed in with the Device Profile is invalid	Device Profile will not be updated with the new values	Contact the system administrator Either try with always update/delete option or reload the state of the Device Profile and try updating Check the Eid of the Device Profile and try again Try again with a valid Preference Profile
BEEU-00663	Delete Device Profile failed	INFO	Delete Device Profile failed due to internal errors State of the Device Profile is outdated Device Profile Eid passed is not found in the repository Device Type referring to this device profile exists	Device Type will not be deleted	Contact the system admin Either try with always update/delete option or reload the state of the Device Profile and try updating Check the Eid of the Device Profile and try again Delete the Device Type referring to this Device Profile and try deleting this Device Profile
BEEU-00664	Load Device Profile failed	INFO	Load Device Profile failed due to internal errors Device Profile Eid passed is not found in the repository	Device Profile will not be loaded	Check the Device Profile details and try again. If the problem still persist contact the system administrator Check the Eid of the Device Profile and try again
BEEU-00665	The upload of the device profile failed.	WARNING	An error occurred while uploading the device profile. The device profile xml file supplied does not conform to the XML Schema expected by the Device Management Service.	The device profile could not be uploaded.	Please correct the error encountered during the upload of the device profile. If the error cannot be corrected contact the System Administrator to resolve the issue. Please correct the device profile xml file to conform to the XML Schema and retry.

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00671	Create Installable Client Application failed	INFO	Installable Client Application cannot be created in the repository due to internal error Installable Client Application with same Eid already exists in the repository Client Application to which this Installable Client Application belongs to is invalid	Installable Client Application will not be created	Please contact Oracle Support for more information Create Installable Client Application with a different Eid Create Installable Client Application with a valid ClientApplication
BEEU-00672	Update Installable Client Application failed	INFO	Update Installable Client Application failed due to internal errors State of the Installable Client Application is outdated Installable Client Application Eid passed is not found in the repository	Installable Client Application will not be updated with the new values	Contact the system administrator Either try with always update/delete option or reload the state of the Installable Client Application and try updating Check the Eid of the Installable Client Application and try again
BEEU-00673	Delete Installable Client Application failed	INFO	Delete Installable Client Application failed due to internal errors State of the Installable Client Application is outdated Installable Client Application Eid passed is not found in the repository	Installable Client Application will not be loaded	Check the Installable Client Application details and try again. If the problem still persist contact the system administrator Either try with always update/delete option or reload the state of the Installable Client Application and try updating Check the Eid of the Installable Client Application and try again
BEEU-00674	Load Installable Client Application failed	INFO	Load Installable Client Application failed due to internal errors Installable Client Application Eid passed is not found in the repository	Installable Client Application will not be loaded	Check the Installable Client Application details and try again. If the problem still persist contact the system administrator Check the Eid of the Installable Client Application and try again

Table 3–9 (Cont.) Device Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00681	Create Device Command Failed	INFO	Create Device Command Failed due to internal errors Device does not exist in the repository Device Command with the same Eid already exists in the repository The action of the device command you are creating is the same as the most recent device command that is to be executed. Cannot create any device command if the most recent device command is a WIPEOUT command.	Device Command will not be created!	Please contact system administrator Verify the Device identifier and try again Create Device Command with different Eid Please retry the operation with a different device command action. Either the WIPEOUT command needs to be deleted or needs to be executed by the device.
BEEZ-00691	The user is not authorized to perform this operation.	SEVERE	The current user doesn't have enough privileges and/or access types.	This operation cannot be performed.	Please retry this operation with a user who has more privileges and/or access types.
BEEZ-00692	Internal service error.	SEVERE	Could not process action due to unexpected server error.	Operation cannot be completed.	Please contact Oracle support.

Diagnosability Error Codes

The following table lists error codes for Diagnosability.

Table 3–10 *Diagnosability*

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03601	Get log record error.	WARNING	Log viewer client unable to connect to the server.	Unable to get the log record from the server.	Contact Oracle Support for more information.
BEEU-03602	Query log record error.	WARNING	LogQueryException caught. Exception message: {0}, host: {1}, oracle-home: {2}. IOException caught. Exception message: {0}. host: {1} oracle home: {2} request port: {3} MalformedURLException caught. Exception message: {0}. host: {1} oracle home: {2} request port: {3}	Unable to query the log record.	Contact Oracle Support for more information.
BEEZ-03610	DIAGNOSE privilege unavailable.	INFO	The current user does not have the DIAGNOSE privilege User not authenticated.	Unable to access resource requiring DIAGNOSE privilege	Logout and log back in as a user with DIAGNOSE privilege. Please retry later. If you still receive this same error, contact Oracle Support for more information.
BEES-03611	DIAGNOSE privilege unavailable.	WARNING	Exception while attempting to check DIAGNOSE privilege for user {1}: {0}.	Unable to access resource requiring DIAGNOSE privilege	Please retry later. If you still receive this same error, contact Oracle Support for more information.
BEES-03620	Diagnosable call failed with an invalid return value	SEVERE	Unexpected datatype returned from backend	The underlying business method being executed failed	Ensure that service is deployed correctly
BEES-03621	Diagnosable query failed	SEVERE	Null argument passed The stored probe is malformed	The diagnosable probe query failed	Ensure that no empty or null argument is passed in Contact Oracle Support for more information

Discussions Error Codes

The following table lists error codes for Discussions.

Table 3–11 Discussions

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06500	Invalid parameter.	WARNING	Parent discussion form is invalid. Topic cannot be clipped at the discussions message specified. Topic cannot merge with itself. Specified updater is of the wrong type. Specified activation date is after the expiration date.	The operation will not be performed.	Choose a valid parent discussion forum. Specify a message to clip that is not the first message in the topic and re-try the operation. Choose a source that is different than the target for the merge and re-try the operation. Check the type of the draft and use the updater corresponding to that type. Specify an activation date that is before the expiration date.
BEEU-06501	Unsupported operation for DiscussThisForums.	WARNING	The specified operation is not supported by DiscussThisForums.	The operation cannot be performed.	The specified operation cannot be performed on a DiscussThisForum.
BEEU-06502	Invalid message body content type.	WARNING	The specified message body content type is not supported for a Discussions Message.	The operation cannot be performed.	Discussions Messages only support message bodies of type simple or multipart-related.

Email Service Error Codes

The following table lists error codes for Email Service.

Table 3–12 Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01201	Virtual Mail Server not present	INFO	No valid Virtual Mail Servers matched for the current client address.	Client connection will be rejected.	Server has incorrect Virtual Mail Server Evaluator configuration. Contact a system administrator to report this problem.
BEEU-01202	Invalid SMTP transaction state	WARNING	Transaction not closed while attempt is made to open a new transaction Transaction not open while attempt is made to close a transaction	Mail reception will fail	This is an unlikely error that may attribute to an SMTP client defect. Contact a system administrator to report this problem.
BEEU-01203	Mail address parsing error	INFO	In SMTP session (ID={0}), Error happened when parsing {1} command "{2}"	SMTP Mail command will be rejected	This is an unlikely error that may attribute to an SMTP client defect. Check syntax of sender's email address. If this error cannot be corrected with user action, contact a system administrator to report this problem.
BEEU-01204	Unable to submit mail	INFO	Failed to commit mail to the database or file system due to possible I/O, network or parsing problems	Mail will not be accepted	Contact a system administrator to report this problem.
BEEU-01205	Failed to commit SMTP transaction	INFO	Failed to commit SMTP transaction due to denied access	Mail will not be accepted	Contact a system administrator to report this problem.
BEEU-01206	SMTP Authentication error	WARNING	Processing error during SMTP authentication	SMTP command will fail	Contact a system administrator to report this problem.
BEEU-01207	Failure to write email body to remote SMTP server	WARNING	Remote SMTP server unexpectedly closed the connection during outbound email transfer (session id: {0})	Mail could not be relayed to the remote SMTP server	If the remote server is an internal server, check the configuration and health of the remote server. Otherwise contact the vendor of the remote relay server if the problem persists.
BEEU-01208	Connection to remote SMTP server refused	WARNING	Connection to SMTP server {1} refused, session id: {0}	The list of outbound relay servers {0} is exhausted, the message cannot be relayed at this time	If the remote server is an internal server, check the configuration and health of the remote server. Otherwise contact the vendor of the remote relay server if the problem persists
BEEU-01209	Failed to resolve MX address	SEVERE	Unable to resolve MX Address {1} into relay address (session id: {0}).	The list of outbound relay servers {0} is exhausted, the message cannot be relayed at this time	Check the health of the local DNS server and fix possible problems

Table 3–12 (Cont.) Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01210	End-of-file from remote SMTP server	WARNING	Unexpected end-of-file from remote SMTP server	Mail could not be relayed	If the remote server is an internal server, check the configuration and health of the remote server. Otherwise contact the vendor of the remote relay server if the problem persists
BEEU-01211	Connection to remote SMTP server refused	WARNING	Unable to connect to remote SMTP server {0}	The list of outbound relay servers is exhausted, the message cannot be relayed at this time	If the remote server is an internal server, check the configuration and health of the remote server. Otherwise contact the vendor of the remote relay server if the problem persists
BEEU-01212	Failed to resolve remote SMTP server	WARNING	Unable to resolve remote SMTP server {0}	May fail to relay mail	Check server configuration to correct problems in delivery routing rules
BEEU-01213	Remote SMTP server timed out	WARNING	Rremote SMTP server timed out, session id: {0}	Could not open connection. Could not send mail	If the remote server is an internal server, check the configuration and health of the remote server. Otherwise contact the vendor of the remote relay server if the problem persists
BEEU-01214	Failed to initialize Virtual Mail Server evaluation rules	WARNING	Exception occurred during initialization of Virtual Mail Server evaluation rules	This will cause the server to reject all the incoming connections	Check SMTP server configuration and correct possible issues with virtual mail server evaluation rules
BEEU-01215	Failed to evaluate recipient against recipient matching rule	SEVERE	Exception encountered when evaluating recipient address {0} for Virtual Mail Server {1}	Mail command will be rejected	Check SMTP server configuration and correct possible issues with recipient matcher rule
BEEU-01216	Failed to evaluate sender against sender matching rule	SEVERE	Exception encountered when evaluating sender address {0} for Virtual Mail Server {1}	Mail command will be rejected	Check SMTP server configuration and correct possible issues with sender matching rule
BEEU-01217	Failed to initialize rule for recipient matching	INFO	Exception Caught during initialization of recipient matching rule	All recipients will be rejected	Check SMTP server configuration and correct possible issues with recipient matching rule
BEEU-01218	Failed to initialize rule for sender matching	INFO	Exception Caught during initialization of sender matching rule	All senders will be rejected	Check SMTP server configuration and correct possible issues with sender matching rule

Table 3–12 (Cont.) Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01219	STARTTLS not supported on the remote mail server	WARNING	STARTTLS not supported on the remote mail server {0}	Could not send mail using TLS	If the remote SMTP server is an internal server, check to make sure the server supports STARTTLS, otherwise contact the vendor of the remote SMTP server to resolve the issue. Alternatively, enable the SMTP property to force relay even when remote server does not support STARTTLS
BEEU-01220	STARTTLS command to the remote mail server fails	WARNING	STARTTLS command fails with error {0}	Could not send mail using TLS	If the remote SMTP server is an internal server, check and fix possible issues with STARTTLS, otherwise contact the vendor of the remote SMTP server to resolve the issue.
BEEU-01231	Email service background task failed	SEVERE	Email service background tasks including heartbeat, retry or recovery failed due to a database error	Retry or Recovery of messages will be delayed	Investigate the database error from the logs and fix the database issue. Contact Oracle support if the issue cannot be easily determined
BEEU-01232	Unable to initialize rule engine	SEVERE	This happens due to error in loading rule engine stored in server parameters	Blank rule engine will cause all mail to be parked until the rules are fixed	Check all server parameters containing rules to make sure they are well formed and semantically correct
BEEU-01233	Unable to process retry or recovered message	INFO	Failed to process retry or recovered message {0}. This happens due to a database error	Retry or recovered message will not be delivered	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01234	Unable to send draft message	WARNING	Unable to send draft message {0}. This happens due to a database error	The draft message could not be sent	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01235	Failed to update message state in the database	INFO	This happens due to a database error	Message state and recipient delivery status will not be updated and will appear incorrect	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined

Table 3–12 (Cont.) Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01236	Failed to resolve recipients of a message	SEVERE	This happens due to database error	Message delivery will be delayed and retried	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01237	Local delivery of a message failed	WARNING	This happens due to a database error	Message local delivery will be delayed and retried	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01238	Checkpointing remote recipients failed	WARNING	This happens due to failure to update information about recipients in the database	Status of recipients in the database will be incorrect	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01239	Submission processing of message fails	WARNING	Submission processing of message {0} raised throwable	Message processing fails	Investigate and fix the database error from the logs. Contact Oracle Support if the database error cannot be easily determined
BEEU-01240	Connecting to DNS server fails	WARNING	Connecting to DNS server fails due to unknown host	Remote mail delivery of a message will be impacted. If none of the DNS servers are correct, and if some relay messages depend on DNS complete remote delivery, these messages will fail to get delivered.	Check the delivery rule server parameter and make sure the DNS servers are correctly specified
BEEU-01241	Resolving domain fails	WARNING	Resolving domain fails due to invalid host name	Remote mail delivery that triggered this failure will fail	Some emails will not get relayed because of invalid relay domain specified. If the sender of this message is an internal user, check with the user for more information and make sure the user is able to use valid domain name. If the sender is from an outside domain, do nothing as the failure will propagate back to the sender automatically via notifications.

Table 3–12 (Cont.) Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01242	Error during resolution	WARNING	Error during domain resolution due to an illegal argument exception	Remote mail delivery may be impacted	Check the exception for more information. Contact Oracle Support if the the cause cannot be easily determined
BEEU-01289	Submitted message is too big.	WARNING	The submitted message has exceeded the allowed limit on content size.	The request is rejected.	Re-submit the message with smaller message content
BEEU-01290	Submitted message has too many recipients.	WARNING	The submitted message has exceeded the allowed limit on number of recipients.	The request is rejected.	Re-submit the message with fewer recipients
BEEU-01291	You do not have the required access.	INFO	You do not have the required access to the folder that contains the email in question.	You will not be able to access the email in question.	Contact a system administrator to resolve the access restriction.
BEEU-01292	The specified email does not exist.	INFO	The specified email does not exist.	You will not be able to access the email in question.	You are using a client that contains stale data. Refresh the client to correct the situation.
BEEU-01293	Quota overflow error occurred.	INFO	Quota overflow error occurred.	The current operation cannot be carried out because you are over quota.	Remove and purge some data from your account to free up quota space, then retry the operation. Contact a system administrator if you need to have higher quota allocated
BEEU-01294	Database error occurred.	SEVERE	Database error occurred.	The current operation cannot be performed.	Contact a system administrator to report this problem.
BEEU-01295	Operation timeout error occurred.	WARNING	An operation is taking excessive amount of time to complete.	The operation is not successfully performed.	Try the operation at a later time. If the problem persists, contact administrator to report the problem.
BEEU-01296	An anchor passed to the request to poll changes is too old.	INFO	A request to poll changes has supplied an anchor that has expired.	The changed are not returned.	The client caller needs to re-synchronize the folder in full instead of polling changes.

Table 3–12 (Cont.) Email Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01297	An EID supplied by caller already exists.	INFO	An EID supplied by caller already exists, the ID is rejected	The ID is rejected because the ID is supposed to be unique.	The client caller needs to gracefully handle this by either using a new ID or abandon the request if the error means a previous attempt was successful.
BEEU-01298	The request is rejected because the system is busy.	WARNING	The request is rejected because it cannot acquire required access to the system resources.	The request is rejected.	The client caller needs to retry the operation at a later time. If this problem persists, contact system administrator to identify the issue.
BEEU-01299	Load operation is rejected because the number of items to load has exceeded the system limit.	SEVERE	The load request exceeded the limit on how many items can be loaded in the same request.	The request is rejected.	The client caller needs to lower the number of items to load in the same request.

Expertise Service Error Codes

The following table lists error codes for Expertise Service.

Table 3–13 Expertise Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-04400	Unexpected error	SEVERE	An unexpected internal error occurred	The requested operation cannot be performed	Contact system administrator
BEES-04401	Pre-seeded system workspace for Expertise requests not found	SEVERE	Pre-seeded system workspace for Expertise requests not found	The requested operation cannot be performed	Contact system administrator
BEEU-04401	Cannot change existing response state to provided value	WARNING	An invalid response state value was provided	Response state will not updated	Provide appropriate value for the response state
BEEU-04402	Cannot change request state to provided value	WARNING	An invalid request state value was provided	Request state will not updated	Provide appropriate value for the request state
BEEU-04403	Duplicate user scope name.	WARNING	Duplicate user scope name.	The requested operation cannot be performed.	Specify a different user scope name and re-try the operation.
BEEU-04404	User scope not found.	WARNING	User scope not found.	The requested operation cannot be performed.	Specify a different user scope name and re-try the operation.
BEEU-04405	Expertise request not found.	WARNING	Expertise request not found.	The requested operation cannot be performed.	Specify a different request value and re-try the operation.
BEEU-04406	Insufficient privileges to perform operation.	WARNING	Access denied. Insufficient privileges.	The requested operation cannot be performed.	User does not have privileges to perform the operation.
BEEU-04407	An invalid null value was specified for parameter.	WARNING	An invalid null value was specified for parameter: {0}.	The requested operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation.

Table 3-13 (Cont.) Expertise Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04408	An invalid empty value was specified for parameter.	WARNING	An invalid empty value was specified for parameter: {0}.	The requested operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation.

Table 3–13 (Cont.) Expertise Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04410	Invalid Collection.	WARNING	The collection {0} is null or empty. Or one of the values in collection is null	The requested operation cannot be performed.	Specify a non-null, non-empty collection.
BEEU-04411	Updation of profiling configuration failed.	WARNING	Updation of profiling configuration partially succeeded. e.g. Failure could be during updation of Bootstrap status	The requested operation cannot be performed.	Retry the operation
BEEU-04412	Bootstrap Init failed.	WARNING	Either some profiles have already been initialized for bootstrap or some profiles are not being bootstapped.	The requested operation cannot be performed.	Check bootstrap status for profile.
BEEU-04413	Cannot finalize bootstrap process without first initializing.	WARNING	Cannot finalize bootstrap process without first initializing.	The requested operation cannot be performed	Initialize the bootstrap process before finalizing
BEEU-04414	No terms are extracted.	WARNING	No terms are extracted from the search expression.	The requested operation cannot be performed.	Please refine the search expression and try again.

Foundation Services Error Codes

The following table lists error codes for Foundation Services.

Table 3–14 Foundation Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-00300	An error has occurred retrieving the error code from the database.	SEVERE	The error code repository refers to an invalid or non-existent error code.	This error code cannot be properly displayed.	Please contact your administrator.
BEES-00302	Service is not available.	SEVERE	See the associated exception for details.	Cannot access the service.	Please contact Oracle Support for more information.
BEES-00304	Service instance failed to init.	SEVERE	See the associated exception for details.	Cannot access the service instance.	Please contact Oracle Support for more information.
BEES-00306	Batch delete partially succeeded.	WARNING	Service side failed to delete some entities.	Some entities in the batch is not deleted.	Retry for those failed entities.
BEES-00308	Batch purge partially succeeded.	WARNING	Service side failed to purge some entities.	Some entities in the batch is not purged.	Retry for those failed entities.
BEES-00309	Cannot process TrashItemHandle(s).	WARNING	TrashItemHandle(s) is passed in.	Operation failed.	Please contact Oracle Support for more information.
BEES-00310	JTA(XA) transaction are not supported.	SEVERE	Service try to fetch a connection in JTA tx context.	Unable to provide a XA connection.	Disable JTA transaction.
BEES-00312	Exception from the RMI call.	SEVERE	See the associated exception for details.	The RMI call is probably failed.	Retry.
BEES-00314	Unable to get a DB Connection.	SEVERE	SQLException from JDBC.	Unable to provide a DB connection.	Retry after some time.

Table 3–14 (Cont.) Foundation Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-00316	Connection Closed.	SEVERE	Connection closed due to Abandoned Connection timeout.	This Connection is not usable any more.	Avoid retry the operation with new db connection.
BEES-00318	Physical Connection is closed with fatal exception.	SEVERE	Physical connection closed due to connection timeout.	This Connection is not usable any more.	Avoid repeating the same DB operation with new DB Connection.
BEES-00320	Connection closed.	INFO	JDBC connection is closed.	This Connection is not usable any more.	Retry the operation with new DB Connection.
BEES-00322	Unknown SQLException.	INFO	Unknown cause.	Unknown effect.	Unknown action.
BEES-00324	Connection leak.	SEVERE	Service didn't close the DB Connection	Reduce the capacity of the system.	File a bug.
BEEU-00325	Connection to database failed with current settings for user, password, and connect string.	SEVERE	Attempt to connect to the database failed with the current settings. The settings may be wrong, or the database may be down.	If the database settings are not correct, Beehive cannot connect to the database.	Review the settings to make sure they are correct.

Instant Messaging Service Error Codes

The following table lists error codes for Instant Messaging Service.

Table 3–15 Instant Messaging Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-01301	IM service encountered an internal error.	WARNING	See stack trace for details.	Instant Messaging could fail.	Contact system administrator or see stack trace for further action.
BEEZ-01302	Login failure	SEVERE	User doesn't have sufficient privileges to login to Instant Messaging.	Login failed.	Contact your system administrator.
BEEZ-01303	Access is denied.	SEVERE	The client does not have appropriate privileges.	Listing of conversation transcript failed.	Please contact an administrator if you still have this problem.
BEEZ-01304	Access is denied.	SEVERE	The client does not have appropriate privileges.	Failed to delete conversation transcript.	Please contact an administrator if you still have this problem.
BEEZ-01305	Access is denied.	SEVERE	The client does not have appropriate privileges.	Listing of offline messages failed.	Please contact an administrator if you still have this problem.
BEEZ-01306	Access is denied.	SEVERE	The client does not have appropriate privileges.	Failed to delete offline message.	Please contact an administrator if you still have this problem.
BEEZ-01307	User is not provisioned to use Instant Messaging.	SEVERE	User is not provisioned to use Instant Messaging.		

Table 3–15 (Cont.) Instant Messaging Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-01311	Cannot store offline message.	SEVERE	See stack trace for details.	Unable to handle this offline message, it will be lost.	Contact system administrator or see stack trace for further action.
BEES-01312	Fetching offline messages for the user failed.	SEVERE	See stack trace for details.	You will not be able to see offline messages.	Contact system administrator or see stack trace for further action.
BEES-01313	Fetching conversation transcripts for the user failed.	SEVERE	See stack trace for details.	You will not be able to see conversation transcripts.	Contact system administrator or see stack trace for further action.
BEES-01314	Error loading OnlineInstantMessageSet.	SEVERE	Requested entity does not exist.	User will not be able to see instant messages.	Contact Oracle Support.
BEES-01315	Could not send message to the destination.	SEVERE	Bus connection might be down.	InstantMessaging will not work.	Restart Beehive/Omb.
BEES-01316	Error updating the InstantMessageReceptacle.	SEVERE	Some problem accessing the DB.	User may not be able to login and use instant messaging.	Retry. Contact Oracle Support if the problem persists.
BEES-01317	Error updating the InstantMessageReceptacle.	WARNING	Bus connection might be down.	Other service instances may not come to know of this logout or if the user was coming online with same resource again, the earlier instance may not get logged out.	Restart Beehive/Omb.
BEES-01318	Error updating the InstantMessageReceptacle.	SEVERE	Some problem accessing the DB.	User may not be able to login and use instant messaging.	Retry. Contact Oracle Support if the problem persists.
BEES-01319	Error updating the InstantMessageReceptacle.	SEVERE	Some problem accessing the DB.	User may not be able to login and use instant messaging.	Retry. Contact Oracle Support if the problem persists.
BEES-01320	Error loading InstantMessageReceptacle.	SEVERE	Some problem accessing the DB.	InstantMessaging may not work properly.	Retry. Contact Oracle Support if the problem persists.
BEES-01321	Error loading InstantMessageReceptacle.	SEVERE	Requested entity does not exist.	InstantMessaging may not work properly.	Contact system administrator or see stack trace for further action.
BEES-01322	Error deleting instant message transcript.	SEVERE	Some problem accessing the DB.	User will not be able to delete his instant message transcript.	Contact system administrator or see stack trace for further action.
BEES-01323	Error deleting offline instant message.	SEVERE	Some problem accessing the DB.	User will not be able to delete his offline instant message.	Contact system administrator or see stack trace for further action.
BEES-01324	Could not fetch archive folder.	SEVERE	Some problem accessing the DB.	Server side archiving may not work.	Contact system administrator or see stack trace for further action.
BEES-01325	Error loading offline instant message.	SEVERE	Some problem accessing the DB.	InstantMessaging may not work properly.	Retry. Contact Oracle Support if the problem persists.

Table 3–15 (Cont.) Instant Messaging Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-01326	Error loading offline instant message.	SEVERE	Requested entity does not exist.	InstantMessaging may not work properly.	Contact system administrator or see stack trace for further action.
BEES-01327	IMService could not get initialized properly.	SEVERE	Could not activate service command channel.	IMService will not work properly.	Restart IMService.
BEES-01341	Error updating the InstantMessageReceptacle.	SEVERE	User is not provisioned to use Instant Messaging.	User may not be able to login and use instant messaging.	Contact system administrator or see stack trace for further action.
BEES-01342	Error updating the InstantMessageReceptacle.	SEVERE	Resource value is null. User can't login with empty resource.	User may not be able to login and use instant messaging.	Provide a non null resource value.

Message Delivery Service Error Codes

The following table lists error codes for Message Delivery Service.

Table 3–16 Message Delivery Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02000	Message Delivery Service failed to initialize.	INTERNAL_ERROR	Unexpected failure during initialization. Unexpected failure during initialization of {0} delivery handler.	Message Delivery may not be fully available.	Please contact Oracle Support.
BEES-02001	Unable to login to remote service.	WARNING	Invalid username/password credentials.	Message Delivery can not proceed without valid credentials.	Define correct username/password credentials and try again.
BEEP-02070	SMPP ENQUIRE_LINK PDU time longer than expected.	WARNING	SMPP ENQUIRE_LINK PDU time longer than expected.	SMPP Performance could be degraded due to network latency.	Administrator check network settings and correct as required.
BEEP-02071	XMS delivery time longer than expected.	WARNING	XMS delivery time longer than expected.	XMS Performance could be degraded due to network latency.	Administrator check network settings and correct as required.
BEER-02080	SMPP connection closed unexpectedly.	WARNING	SMPP connection closed unexpectedly.	SMPP connection should auto-reconnect.	Administrator check network settings and correct as required.
BEEP-02081	There are no active/pending SMPP connections.	INTERNAL_ERROR	SMPP connection failures typically occur from the following: 1) Incorrect SMPP configuration details. 2) Incorrect Firewall/Network configuration.	SMS deliveries via SMPP will fail.	Administrator check SMPP configuration and/or network settings and correct as required.
BEEP-02082	There were no responses from the SmpDeliveryService instances.	INTERNAL_ERROR	This occurs when the SmpDeliveryService instances are restarting or have disconnected from the MessageBus.	SMS deliveries via SMPP may fail.	Administrator check SMPP configuration and/or network settings and correct as required.

Table 3–16 (Cont.) Message Delivery Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEP-02083	The SmppDeliveryService was unable to connect to the specified SMPP provider.	INTERNAL_ERROR	SMPP connection failures typically occur from the following: 1) Incorrect SMPP configuration details. 2) Incorrect Firewall/Network configuration.	SMS deliveries via SMPP will fail.	Administrator check SMPP configuration and/or network settings and correct as required.
BEED-02097	The SmppDeliveryService encountered corrupt data.	INTERNAL_ERROR	Network related errors can cause the data to become corrupted.	SMS deliveries via SMPP may fail.	Administrator check SMPP configuration and/or network settings and correct as required.
BEER-02098	The SmppDeliveryService encountered a database error.	INTERNAL_ERROR	This instance of the SmppDeliveryService encountered an error while communicating with the configured Beehive database.	SMS deliveries via SMPP for this instance may fail.	Administrator check SMPP configuration and/or network settings and correct as required.
BEEES-02099	Internal server error.	INTERNAL_ERROR	Unable to process delivery request.	Delivery request can not be completed.	Please contact Oracle Support.

Mobile DM Server Error Codes

The following table lists error codes for Mobile DM Server.

Table 3–17 Mobile DM Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEEES-02500	Mobile DM Server failed to initialize.	SEVERE	Service Instance is not initialized yet.	Mobile DM Server is not available.	Try again in a few minutes. If still fails, contact Oracle Support.
BEEZ-02501	Could not login to MobileDM Server.	WARNING	Invalid username/password combination.	Client cannot access the Mobile DM Server.	Type correct username/password combination and try again.
BEEZ-02502	Cannot proceed, as user is not authenticated.	WARNING	User cannot execute this command unless authenticated.	Command cannot be executed unless user is authenticated.	User must authenticate first before proceeding.
BEEZ-02503	Cannot proceed, as device is invalid.	WARNING	User cannot execute this command as device is invalid.	Command cannot be executed unless user re-authenticate with valid deviceID.	User must authenticate first before proceeding.
BEEZ-02504	Cannot proceed, as user context failed to initialize.	SEVERE	User context failed to be copied. User context failed to be re-attached.	Command cannot be executed unless user is authenticated.	Please contact system administrator.
BEED-02510	MobileDM Server cannot process this request.	WARNING	Invalid syntax for command {0}.	Command cannot be processed.	Correct the syntax and try again.
BEED-02511	Module not found.	WARNING	Invalid module ID sent on this command.	Module cannot be downloaded.	Check the module ID and re-send the download command.

Table 3–17 (Cont.) Mobile DM Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEED-02512	Too many invalid attempts from this client.	WARNING	Client send too many invalid command attempts.	Session is being closed and invalidated.	System administrator should verify server logs and potentially block offending client.
BEES-02591	Cannot fulfill Client request at this time.	SEVERE	Server capacity reached.	No new clients can be served at this time.	Administrator must increase the Mobile DM Server's capacity to allow new clients to be served.
BEES-02599	Internal server error.	SEVERE	Could not process command due to unexpected server error.	Operation cannot be completed.	Please contact Oracle Support for more information.

Mobile Data Sync Server Error Codes

The following table lists error codes for Mobile Data Sync Server.

Table 3–18 Mobile Data Sync Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02200	Oracle Mobile Data Sync Service failed to initialize.	INTERNAL_ERROR	This could be a deployment issue.	Oracle Mobile Data Sync Service will not be available.	Correct any error in the stacktrace and restart Oracle Mobile Data Sync Service. Contact Oracle Support if error persists.
BEEZ-02201	Could not log in to Oracle Mobile Data Sync Service.	WARNING	Invalid username/password combination.	The synchronization between the client and server would fail.	Type correct username/password combination and try again.
BEEZ-02202	Cannot proceed, because user is not authenticated.	WARNING	User cannot execute this command unless authenticated.	Command cannot be executed unless user is authenticated.	User must authenticate first before proceeding.
BEED-02210	Oracle Mobile Data Sync Service failed to parse or render the SYNCML message.	SEVERE	The client SYNCML message could be corrupted or the server could have a bug.	The synchronization between the client and server would fail.	Turn the SYNCML message log on and inspect the incoming message.
BEED-02211	Oracle Mobile Data Sync Service failed to parse or render the SYNCML messages in WBXML format.	SEVERE	The client WBXML message could be corrupted or the server could have a bug.	The synchronization between the client and server would fail.	Turn the SYNCML message log on and inspect the incoming message.
BEER-02280	Metadata persistence error.	WARNING	Oracle Mobile Data Sync Service has failed when saving or accessing metadata. The database could be down or the database access layer could have an issue.	Oracle Mobile Data Sync Service will not be available.	Contact your database administrator. If the database is up and normal, contact Oracle Support
BEER-02281	An error occurred at the Oracle Mobile Data Sync Service transport layer.	WARNING	The network connection between the client and the server could be broken. This could be a temporary network error.	The synchronization between the client and server would fail.	Correct the network error and retry the sync.

Table 3–18 (Cont.) Mobile Data Sync Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02290	Cannot fulfill client request at this time.	SEVERE	Server capacity reached.	No new clients can be served at this time.	Administrator must increase the Oracle Mobile Data Sync Service's capacity to allow new clients to be served.
BEES-02291	The data synchronization protocol handler experienced an error.	WARNING	The data synchronization protocol handler has failed when processing the client request.	The synchronization between the client and server would fail.	Contact Oracle Support for more information.
BEES-02292	Oracle Mobile Data Sync Service has failed when interacting with a back-end service.	WARNING	The back-end service could be down. See stack trace for details.	The synchronization of the affected data store would fail.	Make sure the back-end is up and retry the sync.
BEES-02299	Oracle Mobile Data Sync Service encountered an internal error.	INTERNAL_ERROR	Can not proceed due to unexpected error.	Sync could fail.	Contact Oracle Support for more information.

Mobile Mail Server Error Codes

The following table lists error codes for Mobile Mail Server.

Table 3–19 Mobile Mail Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02300	Mobile Mail Server failed to initialize.	INTERNAL_ERROR	Unexpected error.	Mobile Mail Server will not be available.	Please, contact Oracle support.
BEEZ-02301	Could not login to Mobile Mail Server.	WARNING	Invalid username/password combination.	Client cannot access Mobile Mail Server.	Verify username and password, and try again.
BEEZ-02302	Invalid state.	WARNING	User is in invalid state to do the operation.	Command is not executed.	Try again with the valid state {0}.
BEEZ-02303	User authorization process failure.	WARNING	Failed to associate user {0} to device {1}.	User will be unable to use Mobile Mail.	Try to logout and login back. If problem persists, please contact your system administrator.
BEED-02310	Invalid Mobile Mail request.	WARNING	Client has sent an invalid request.	Mobile Mail Server will not process the request.	Please, verify your Mobile Mail Client.
BEED-02311	Mobile Mail Server cannot process the command.	WARNING	Invalid syntax for command {0} from device {1}.	Command cannot be processed.	Mobile Mail client must correct the syntax and try again.
BEER-02380	Data streaming error.	WARNING	Data streaming error for device {0}.	Device end-to-end connection will be closed.	Device {0} needs to reconnect and reauthenticate.

Table 3–19 (Cont.) Mobile Mail Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEER-02381	Unable to connect to Beehive Mail server.	SEVERE	Unexpected error.	Device end-to-end connection will be closed.	Check Beehive Mail server status, if the problem persists talk to your system administrator.
BEES-02390	Cannot fulfill Client request at this time.	WARNING	Server capacity reached.	No new clients can be served at this time.	Administrator must increase the "Service Name" Server's capacity to allow new clients to be served.
BEES-02399	Internal server error.	INTERNAL_ERROR	Could not process command due to an internal server error.	Command cannot be processed.	Please, contact the administrator for more details.

Mobile Push Server Error Codes

The following table lists error codes for Mobile Push Server.

Table 3–20 Mobile Push Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02400	Mobile Push Server failed to initialize.	INTERNAL_ERROR	Unexpected error.	Mobile Push Server will not be available.	Please, contact Oracle support.
BEEZ-02401	Could not login to Mobile Push Server.	WARNING	Invalid username/password combination.	Client cannot access Mobile Push Server.	Verify username and password, and try again.
BEEZ-02402	The operation requires the user to be authenticated.	WARNING	User cannot execute this command unless is authenticated.	Command is not executed.	User must authenticate first and try again.
BEEZ-02403	User authorization process failure.	WARNING	Failed to associate user {0} to device {1}.	User might not receive any notification.	Try to logout and login back. If problem persists, please contact your system administrator.
BEED-02410	Invalid Push request.	WARNING	Client has sent an invalid request.	Mobile Push Server will not respond to the request.	Please, verify your Push Client.
BEED-02411	Mobile Push Server cannot process this command.	WARNING	Invalid syntax for command {0}.	Command cannot be processed.	Push client must correct the syntax and try again.
BEEU-02430	Too many invalid commands.	WARNING	User {0} has sent many invalid commands through device {1}.	User connection is dropped.	Please, verify your data and try again.
BEER-02480	Communication channel is closed.	WARNING	You have a network problem or BTI service has failed to start.	Communication will not be established.	Retry, if problem persists, contact Oracle Support.
BEER-02481	Could not connect to Push Client.	WARNING	Communication channel to Push Client on device {0} is not available.	Push Client will not receive any data.	Please check your device, if the problem persists talk to your system administrator.

Table 3–20 (Cont.) Mobile Push Server

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-02491	Subscription failure.	SEVERE	Could not find event producer to application {0}.	User {0} will not receive any events on device {1}.	Try again, if problem persists contact your system administrator.
BEES-02492	Failed to initialize subscription manager.	SEVERE	Failed to associate an event listener to the user {0} and device {1}.	Push Server will not notify client about events.	Please, logout and try to login again. If problem persists, please contact your system administrator.
BEES-02499	Internal server error.	INTERNAL_ERROR	Could not process command due to an internal server error.	Command cannot be processed.	Please, contact the administrator for more details.

Notification Service Error Codes

The following table lists error codes for Notification Service.

Table 3–21 Notification Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-01900	Notification service failed to initialize.	SEVERE	See stack trace for details.	Notification service will not be available.	Please contact Oracle Support.
BEED-01910	Notification schema xml parsing failed.	WARNING	Schema xml parsing caused an exception.	Schema will not be created.	Recreate Xml and try again.
BEED-01911	Notification properties xml parsing failed.	WARNING	Exception was thrown while converting to xml	Notification will not be created.	Recreate notification properties and try again.
BEED-01912	Invalid notification content error	WARNING	Notification content argument is incorrect	Notification will not be created.	Recreate notification content using SimpleContent and try again.
BEEU-01930	Notification schema creation failed.	WARNING	Schema by this name already exists.	Schema will not be created.	Change the name of the schema or update existing schema.
BEEU-01931	Schema attributes creation failed.	WARNING	Exception was thrown while creating attribute definitions	Schema will not be created.	Recreate schema attributes and try again.
BEEU-01932	An error occurred in the DB.	WARNING	See stack trace for details.		
BEEU-01933	Entity was not found in the system.	WARNING	See stack trace for details.		
BEEU-01934	Access control check failed.	WARNING	Insufficient privileges or access type.	Operation was not completed.	User needs more privileges.
BEEU-01935	Operation to update/delete entity failed.	WARNING	Invalid state of the object.	Operation was not completed.	Reload entity and then retry.
BEEU-01936	Notification schema create failed.	WARNING	See stack trace for details.	Schema will not be {0}.	Correct the error and retry.
BEEU-01937	Notification schema load failed.	WARNING	See stack trace for details.	Schema will not be {0}.	Correct the error and retry.
BEEU-01938	Notification schema update failed.	WARNING	See stack trace for details.	Schema will not be {0}.	Correct the error and retry.

Table 3–21 (Cont.) Notification Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01939	Notification schema delete failed.	WARNING	See stack trace for details.	Schema will not be {0}.	Correct the error and retry.
BEEU-01940	Notification schema list failed.	WARNING	See stack trace for details.	Schema will not be {0}.	Correct the error and retry.
BEEU-01941	Notification create failed.	WARNING	See stack trace for details.	Notification will not be {0}.	Correct the error and retry.
BEEU-01942	Notification load failed.	WARNING	See stack trace for details.	Notification will not be {0}.	Correct the error and retry.
BEEU-01943	Notification update failed.	WARNING	See stack trace for details.	Notification will not be {0}.	Correct the error and retry.
BEEU-01944	Notification delete failed.	WARNING	See stack trace for details.	Notification will not be {0}.	Correct the error and retry.
BEEU-01945	Notification list failed.	WARNING	See stack trace for details.	Notification will not be {0}.	Correct the error and retry.
BEEU-01946	Notification create failed.	WARNING	Unable to overwrite delivery channel preference.	Notification will not be {0}.	Remove delivery channels try again.
BEEU-01950	Notification service encountered an error while processing Notification Template Binding.	WARNING	Failed to process binding: {0} Source Entity: {1} Notification Template:{2}/{3}	Notification will not be delivered to the user.	Correct the error and retry.
BEER-01980	An error occurred in the DB.	WARNING	An Exception occurred in the DB.	Operation was not completed.	
BEEES-01999	Internal service error.	SEVERE	Could not process action due to unexpected server error.	Operation cannot be completed.	Please contact Oracle Support.

Oracle Beehive Conferencing Error Codes

The following table lists error codes for Oracle Beehive Conferencing.

Table 3–22 Oracle Beehive Conferencing

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00400	Failed to create Conference artifact.	SEVERE	Invalid parameters specified. Invalid Conference Property name or value specified. Invalid Conference Role name. Invalid Conference Role accessor specified.		
BEEU-00401	Failed to create Conference Template artifact.	SEVERE	Invalid parameters specified. Invalid Conference Property name or value specified. Invalid Conference Role name. Invalid Conference Role accessor specified.		
BEEU-00402	Failed to update Conference artifact.	SEVERE	Invalid parameters specified. Invalid Conference Property name or value specified. Invalid Conference Role name. Invalid Conference Role accessor specified. Failed to update entity because it was modified by another user.		
BEEU-00403	Failed to update Conference Template artifact.	SEVERE	Invalid parameters specified. Invalid Conference Property name or value specified. Invalid Conference Role name. Invalid Conference Role accessor specified. Failed to update entity because it was modified by another user.		
BEEU-00404	Failed to load Conference artifact.	SEVERE	Invalid parameters specified.		Verify the parameters.
BEEU-00405	Failed to join to the Conference.	SEVERE	Invalid parameters specified. All servers are busy or system malfunction occurred. Request to join the Conference didn't complete within a given timeframe and was canceled by the server.	User failed to join the Conference session.	Verify the parameters. Retry to join to the Conference or contact your system administrator. Contact your system administrator.
BEEU-00406	Failed to join the Conference due to insufficient privileges to start the new Conference session.	WARNING	User is not granted with the privilege to start the Conference session.	User failed to join the Conference session.	Wait for host or other authorized user to start the Conference session.

Oracle Beehive Conferencing Streaming Media Error Codes

The following table lists error codes for Oracle Beehive Conferencing Streaming Media.

Table 3–23 Oracle Beehive Conferencing Streaming Media

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-03301	Failed to listen on the configured port.	SEVERE	Configured listen port was already in use or the user did not have permission to listen on this port.	Service is down.	Configure the listen port to a different value and restart the service.
BEEZ-03302	Failed to authenticate the user.	INFO	User provided invalid username/password .	User cannot access the requested conference	User must use proper username and password to access the conference
BEEZ-03303	Failed to authorize the user	WARNING	User not authorized to access this conference	User cannot access the requested conference	User must be a valid user in the system authorized to access the conference. Contact system administrator for authorization.
BEEU-03304	Conference does not exist.	WARNING	Either user requested a wrong conference id or the requested conference has been invalidated in the system.	User cannot access the requested conference.	User must use a valid conference identifier which is either running on the system or request the system administrator for authorization approval.
BEEER-03305	Client abruptly got disconnected.	WARNING	Network error occurred resulting in a low bandwidth.	User was interrupted while connected to the service.	Player will retry to connect to the same conference without user intervention. User might need to seek to a particular position in the timeline in case of recorded conference or (s)he might see no frills after reconnection in case of live conference.
BEEES-03306	Connection to MediaSession was lost.	SEVERE	An internal error occurred in WebConferencing service.	User will be disconnected from the service.	User needs to reconnect for the same conference.
BEEP-03307	The server is busy.	SEVERE	The server has already reached the maximum limit on number of clients it can serve at this moment.	User was not served.	User should try after sometime.

Oracle Beehive Conferencing Transcoding Error Codes

The following table lists error codes for Oracle Beehive Conferencing Transcoding.

Table 3–24 Oracle Beehive Conferencing Transcoding

Message ID	Display Name	Severity	Cause	Effect	Action
BEEES-03401	Transcoding failed.	SEVERE	An error occurred while transcoding a conference.	Transcoding for a particular conference did not complete.	None. The service will pick up this task again in sometime.
BEEEC-03402	Transcoding for a conference timed out.	SEVERE	Transcoding failed because of time-out.	Transcoding for a particular conference could not be completed in the timeout duration.	None. Contact system administrator for increasing the timeout duration if these failure are coming more often.

Policy Management Error Codes

The following table lists error codes for Policy Management.

Table 3–25 Policy Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00901	Failed to create the policy schema	INFO	Policy schema with the same name already exists Unknown internal error has occurred Cannot include rule definition actions of different type of classification in policy schema Policy schema and rule definition action classification cannot be different	Failed to create the policy schema {0}	Give a different name for creating a new policy schema Check the logs for further details Only include rule definition actions of same classification in policy schema Make sure Policy schema and rule definition action classification are same
BEEU-00902	Failed to update the policy schema	INFO	A rule definition refers to this attribute definition {0} Unknown internal error has occurred Policy schema with the same name already exists Attribute definition {0} is not present in the schema Rule definition {0} does not exist Policy schema does not exist Cannot include rule definition actions of different type of classification in policy schema Policy schema and rule definition action classification cannot be different Policy object is immutable.	Failed to update the policy schema {0}	Delete all rule definitions referring to this attribute definition {0} Check the logs for further details Give a different name for creating a new policy schema Use different attribute definition to delete/update or to use in rule condition Give a different rule definition to update/delete Give a different policy schema for update/load/delete Only include rule definition actions of same classification in policy schema Make sure Policy schema and rule definition action classification are same Immutable policy objects are not allowed to update/delete.
BEEU-00903	Failed to delete the policy schema	INFO	Policy schema does not exist Unknown internal error has occurred Cannot delete policy schema as some policy template refers to this schema Policy object is immutable.	Failed to delete the policy schema {0}	Give a different policy schema for update/load/delete Check the logs for further details Delete all the policy templates first before updating the schema Immutable policy objects are not allowed to update/delete.
BEEU-00904	Failed to load the policy schema	INFO	Policy schema does not exist Unknown internal error has occurred	Failed to load the policy schema {0}	Give a different policy schema for update/load/delete Check the logs for further details

Table 3–25 (Cont.) Policy Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00911	Failed to create the policy template	INFO	Rule definition is already imported into the template. Unknown internal error has occurred A Policy template referring to same policy schema already exists at the current scope Policy template cannot be created other at this scope	Failed to create the policy template {0}	Cannot choose the same rule definition to import again. Choose a different rule definition. Check the logs for further details Cannot create more than one policy template referring to same policy schema at the current scope Choose either Enterprise, Organisation or Workspace as parent to create policy templates
BEEU-00912	Failed to update the policy template	INFO	Rule definition is already imported into the template. Unknown internal error has occurred Policy template does not exist A Policy template referring to same policy schema already exists at the current scope Cannot delete template as some policy refers to this template A policy has rule instance for this template rule definition {0} Rule {0} is not present in policy template A policy template at the lower scope also refers to the same rule definition {0} Policy template exists at sub-container Policy object is immutable.	Failed to update the policy template {0}	Cannot choose the same rule definition to import again. Choose a different rule definition. Check the logs for further details Give different policy template for update/delete/load Cannot create more than one policy template referring to same policy schema at the current scope Delete policies first before updating/deleting the policy template Delete the instances of this rule from all policies which refers to this rule and then update/delete the rule Give a different rule Delete the rule of policy templates at the lower scope Delete the policy template at the sub-container which refers to the same policy schema Immutable policy objects are not allowed to update/delete.
BEEU-00913	Failed to delete the policy template	INFO	Policy template does not exist Unknown internal error has occurred Cannot delete template as some policy refers to this template Policy object is immutable.	Failed to delete the policy template {0}	Give different policy template for update/delete/load Check the logs for further details Delete policies first before updating/deleting the policy template Immutable policy objects are not allowed to update/delete.

Table 3–25 (Cont.) Policy Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00914	Failed to load the policy template	INFO	Policy template does not exist Unknown internal error has occurred	Failed to load the policy template {0}	Give different policy template for update/delete/load Check the logs for further details
BEEU-00921	Failed to create the policy	INFO	Rule is already imported from the template to the policy Unknown internal error has occurred A policy with the same name already exists in the container Policy cannot be created other than at scope levels Another policy also refers to the same policy template at the given container Rule modification failed {0} Cannot include rule actions of different type of classification in policy Policy and rule action classification cannot be different Attribute value is not provided	Failed to create the policy {0}	Cannot import the same rule from the template to the policy Check the logs for further details Give a different name for the policy Give either enterprise, organization or workspace as parent of a policy Cannot create a policy as another policy refers to the same policy template at the given container Verify the attributes and functions used in the condition Include rule actions of same classification in policy Make sure Policy and rule action classification are same Provide the attribute value while creating the policy or update policy schema attribution definition with default value

Table 3–25 (Cont.) Policy Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00922	Failed to update the policy	INFO	Rule is already imported from the template to the policy Unknown internal error has occurred A policy with the same name already exists in the container Policy does not exist Rule {0} does not exist Rule {0} is not present in policy template Attribute application value is not present for attribute definition {0} Cannot import the rule {0} since there is no template for the policy Cannot update the rule {0} that is imported Rule modification failed {0} Cannot include rule actions of different type of classification in policy Policy and rule action classification cannot be different Policy object is immutable. Attribute value is not provided	Failed to update the policy {0}	Cannot import the same rule from the template to the policy Check the logs for further details Give a different name for the policy Give a valid policy for update,load,delete Give a valid rule for update or delete Give a valid policy template to create a policy Give a value for the attribute definition {0} Policy is not created from template so cannot inherit any rule Cannot update the rule {0} that is imported Verify the attributes and functions used in the condition Include rule actions of same classification in policy Make sure Policy and rule action classification are same Immutable policy objects are not allowed to update/delete. Provide the attribute value while creating the policy or update policy schema attribution definition with default value
BEEU-00923	Failed to delete the policy	INFO	Policy does not exist Unknown internal error has occurred Delete rule failed Policy object is immutable.	Failed to delete the policy {0}	Give a valid policy for update,load,delete Check the logs for further details Delete rule failed Immutable policy objects are not allowed to update/delete.
BEEU-00924	Failed to load the policy	INFO	Policy does not exist Unknown internal error has occurred	Failed to load the policy {0}	Give a valid policy for update,load,delete Check the logs for further details
BEEU-00925	Failed to evaluate the policy	INFO	Unknown internal error has occurred	Failed to evaluate the policy {0}	Check the logs for further details
BEEU-00926	Failed to execute the policy	INFO	Unknown internal error has occurred	Failed to execute the policy {0}	Check the logs for further details

Table 3–25 (Cont.) Policy Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00941	Failed to create the event group	INFO	Event group with the same name already exists Event group member {0} does not exist Event group parent{0} does not exist Create a group with either synchronous or asynchronous events as members Unknown internal error has occurred	Failed to create the event group {0}	Give a different name for creating a new event group Give a different event group member to update/delete/load Give a different event group as parent Create a group with either synchronous or asynchronous events as members Check the logs for further details
BEEU-00942	Failed to update the event group	INFO	Event group {0} does not exist Event group with the same name already exists Event group member {0} does not exist Event group parent{0} does not exist Parent of the event group cannot be updated Event group can not contain members from both asynchronous and synchronous events Unknown internal error has occurred	Failed to update the event group {0}	Give a different event group to update/delete/load Give a different name for creating a new event group Give a different event group member to update/delete/load Give a different event group as parent Do not change the parent of a event group Create a group with either synchronous or asynchronous events as members Check the logs for further details
BEEU-00943	Failed to delete the event group	INFO	Event group {0} does not exist Cannot delete event group as some subscriptions refers to this group Unknown internal error has occurred	Failed to delete the event group {0}	Give a different event group to update/delete/load delete the subscriptions which refers to this group Check the logs for further details
BEEU-00944	Failed to load the event group	INFO	Event group {0} does not exist Unknown internal error has occurred	Failed to load the event group {0}	Give a different event group to update/delete/load Check the logs for further details
BEEU-00981	Access denied. Insufficient privileges	INFO	Insufficient privileges		User does not have privileges to perform the operation
BEEU-00982	Unknown internal error has occurred	INFO	Unknown internal error has occurred		Check the logs for further details

Presence Service Error Codes

The following table lists error codes for Presence Service.

Table 3–26 Presence Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEES-01801	Internal server error	SEVERE	Internal server error	Cannot service the request	Contact system administrator
BEEU-01802	The entity handle passed in is not supported	WARNING	The given Entity handle is not understood by the Presence service	Cannot service the request	Please use a valid entity handle
BEEES-01803	Database is not up or unreachable	SEVERE	Database is not up or unreachable	Cannot service the request	Check database connectivity and connection parameters
BEEU-01804	The presence handle received is not valid	WARNING	The presence handle received is not valid	Cannot service the request	Check the presence handle being passed
BEEU-01805	The updater implementation passed is not supported by presence service	WARNING	The updater implementation passed is not supported by presence	Cannot service the request	Please use the updater instantiated from PresenceFactory
BEEU-01806	The requested operation is not supported by presence service	SEVERE	The requested operation is not supported by presence service	Cannot service the request	Please use valid methods from PresenceControl
BEEES-01807	Timed out waiting for reply from presence service backend	WARNING	Presence service is down or bus connectivity is lost	Cannot service the request	Check presence service status and/or bus connectivity
BEEU-01808	The requested class is not supported by presence service	WARNING	The requested class is not supported by presence service	Cannot service the request	Please check the parameter passed
BEEZ-01809	User is not authorized for the operation	SEVERE	The user doesn't have enough privileges for the operation	Cannot service the request	Please authenticate with appropriate credentials
BEEU-01810	Activity start time or end time or both exceed limits	WARNING	Activity start time or end time or both exceed limit	Cannot service the request	Please have start time that is not too ahead in the future and end time that is in the future
BEEU-01811	Presence object is not loaded for the requested attribute	WARNING	Object has not been loaded with the proper Projection	Cannot service the request	Please use right Projection that covers the requested attribute

RM Service Error Codes

The following table lists error codes for RM Service.

Table 3–27 RM Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04011	Cannot file artifact with collabid {0} as a Record	WARNING	Artifact is already a Record Cannot file artifact of type {0} as a Record Invalid Retention Category / Folder id {0}	Cannot file artifact with collabid {0} as a Record	
BEEU-04012	Cannot unfile artifact with collabid {0} as a Record	WARNING	Artifact is already a Non-Record Cannot unfile artifact of type {0} as a Record	Cannot unfile artifact with collabid {0} as a Record	
BEER-04031	Cannot file artifact with collabid {0} as a Record	SEVERE	Cannot file artifact as a Record since URM is not accessible Cannot file as a Record since URM returned an unknown error	Cannot file artifact with collabid {0} as a Record	Please re-try filing the artifact as a Record later
BEER-04032	Cannot unfile artifact with collabid {0} as a Record	SEVERE	Cannot unfile artifact as a Record since URM is not accessible Cannot unfile artifact as a Record since URM returned an unknown error.	Cannot unfile artifact with collabid {0} as a Record	Please re-try unfileing the artifact as a Record later.
BEER-04033	Cannot retrieve file plan information	SEVERE	Cannot get file plan as URM is not accessible Cannot get file plan as URM returned an unknown error.	Cannot retrieve file plan information	Please re-try retrieving file plan information later.
BEER-04034	Failed to configure URM.	SEVERE	Failed to configure URM. Failed to configure URM.	Failed to configure URM.	Failed to configure URM. Please try it again.

Remote Content Service Error Codes

The following table lists error codes for Remote Content Service.

Table 3–28 Remote Content Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04101	Failed to copy document	INFO	Remote document doesnt exists Remote destination folder doesnt exists Remote share for both the elements are not same There is a folder conflicting with the action.	Failed to copy document	Give a valid remote document Give a valid remote folder as destination Give a common remote share Rename the document or delete/move the conflicting folder.
BEEU-04102	Failed to create document	INFO	Parent remote folder doesnt exists There is a folder conflicting with the action.	Failed to create document	Give a valid parent remote folder Rename the document or delete/move the conflicting folder.
BEEU-04103	Failed to delete document	INFO	Remote document doesnt exists	Failed to delete document	Give a valid remote document
BEEU-04104	Failed to load document	INFO	Remote document doesnt exists	Failed to load document	Give a valid remote document

Table 3–28 (Cont.) Remote Content Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04105	Failed to move document	INFO	Remote document doesnot exists Remote destination folder doesnot exists Remote share for both the elements are not same There is a folder conflicting with the action.	Failed to move document	Give a valid remote document Give a valid remote folder as destination Give a common remote share Rename the document or delete/move the conflicting folder.
BEEU-04106	Failed to update document	INFO	Remote document doesnot exists	Failed to update document	Give a valid remote document
BEEU-04121	Failed to move folder	INFO	Remote folder doesnot exists Remote destination folder doesnot exists Remote share for both the elements are not same	Failed to move folder	Give a valid remote folder Give a valid remote folder as destination Give a common remote share
BEEU-04122	Failed to update folder	INFO	Remote folder doesnot exists	Failed to update folder	Give a valid remote folder
BEEU-04123	Failed to delete folder	INFO	Remote folder doesnot exists	Failed to delete folder	Give a valid remote folder
BEEU-04124	Failed to load folder	INFO	Remote folder doesnot exists	Failed to load folder	Give a valid remote folder
BEEU-04125	Failed to create folder	INFO	Parent remote folder doesnot exists	Failed to create folder	Give a valid parent remote folder
BEEU-04126	Failed to copy folder	INFO	Remote folder doesnot exists Remote destination folder doesnot exists Remote share for both the elements are not same	Failed to copy folder	Give a valid remote folder Give a valid remote folder as destination Give a common remote share
BEEU-04127	Failed to list folder	INFO	Remote folder doesnot exists	Failed to list folder	Give a valid remote folder
BEEU-04150	Connector configuration is incomplete.	INFO	The host information in the Remote Share is not set. The port information in the Remote Share is not set. The root ID information in the Remote Share is not set. The adapter name information in the Remote Share is not set. The default security group information in the Remote Share is not set. The default document type information in the Remote Share is not set.	The connector session has not been created.	Please set the host information in the Remote Share. Please set the port information in the Remote Share. Please set the root ID information in the Remote Share. Please set the adapter name information in the Remote Share. Please set the default security group information in the Remote Share. Please set the default document type information in the Remote Share.

Table 3–28 (Cont.) Remote Content Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04151	Internal credential configuration is incomplete.	INFO	The realm information in the credentials is not set. The password or token information in the credentials is not set. The password information in the credentials is not set. The RemoteCredentials object is null.	The connector session has not been created.	Notify administrator of this internal error.
BEEU-04152	Internal credential configuration is incorrect.	INFO	The authentication type of the credentials is incorrect.	The connector session has not been created.	Notify administrator of this internal error.
BEEU-04153	Webdav connection manager is not configured.	INFO	The webdav connection manager is not configured.	The connector session has not been created.	Notify the administrator to configure the webdav connection manager.
BEEU-04154	The state and host configuration failed for the session.	INFO	The configuration information is incorrect in the Remote Share.	The connector session has not been created.	Check the configuration information in the Remote Share.
BEEU-04155	The configuration object was not built correctly.	INFO	Either the Root ID or Authentication Scheme is unrecognized.	The configuration object has not been created.	Notify administrator of this internal error.
BEEU-04156	The session is disconnected.	INFO	The session was disconnected.	The operation was not completed.	Notify administrator of this internal error.
BEEU-04157	The UCM session initialization failed.	INFO	The configuration information is incorrect in the Remote Share.	The connector session has not been created.	Check the configuration information in the Remote Share.
BEEU-04158	The UCM Adapter Manager ran into an internal error.	INFO	Message -- {0}. Temporary adapter config file was not created.	The ucm session was either not created or retrieved.	Notify administrator of this internal error.
BEEU-04159	A necessary parameter for the connector API was null.	INFO	The RemoteItemId parameter was passed in null. The parent RemoteItemId parameter was passed in null. The projection parameter was passed in null. The input stream parameter was passed in null. The updater parameter was passed in null. The name parameter was passed in null.	The operation was not completed.	Please check the aforementioned parameter.
BEEU-04160	This method is not supported by this connector.	INFO	The connector does not support this method.	The process has not completed.	Depending on what is unsupported, please check with other connectors for a connector that will support this method.

Table 3–28 (Cont.) Remote Content Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04170	A resource is an incorrect type.	INFO	The root ID in the remote share is pointing to an incorrect resource.	Resource was not retrieved.	Check the root ID in the remote share.
BEEU-04171	Access is denied to resource.	INFO	Credentials are incorrect, or the incorrect ID is being supplied.	The operation was not completed.	Check the credentials and the ID.
BEEU-04172	Resource was not found.	INFO	The incorrect ID is being supplied.	The operation was not completed.	Check the ID.
BEEU-04173	General error for resource.	INFO	Unknown cause. Cause - HTTP Status was {0}. Cause - Message was {0}.	The operation was not completed.	Check remote share information or try recreating the remote repository template and remote share.
BEEU-04174	The Webdav connector received a non webdav resource.	INFO	The RCS CSI layer has used a non Webdav Resource with the Webdav Connector.	The operation was not completed.	Notify administrator of this internal error.
BEEU-04175	The Webdav Input Stream was unable to be created.	INFO	Either the stream or the get method was not given to the webdav input stream.	The operation was not completed.	Notify administrator of this internal error.
BEEU-04176	Stream error during the copy or move.	INFO	Error reading from Beehive or writing to Remote.	The operation was not completed.	Check both paths/IDs to items in beehive and remote.
BEEU-04177	Duplicate resource was found.	INFO	Duplicate resource was found and overwrite was set to false.	The operation was not completed.	Delete duplicate resource or set overwrite to true.
BEEU-04178	The Repository Type in the Remote Share is unsupported.	INFO	The Repository Type in the Remote Share is unsupported.	The Remote Content Session was not retrieved or created.	Please check the Repository Type in the Remote Share.
BEEU-04179	A general error has occurred in the Repository Factory.	INFO	The configuration information is incorrect in the remote share.	The Remote Content Session was not retrieved or created.	Notify administrator of this error.
BEEU-04180	No spool space available for write.	INFO	The spool was not configured to have enough space.	Failed to update document	Increase the max size of the RCS spooling components.
BEEU-04181	There is not enough available space in the RCS Spool to allocate enough memory.	INFO	Trying to write more data than was allocated in the spool.	Failed to update document	Check the predetermined size from the remote repository.
BEEU-04182	Unable to access remote share	INFO	Remote share is currently offline	Unable to access remote share	Contact the workspace manager

Search Error Codes

The following table lists error codes for Search.

Table 3–29 Search

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-03500	This type of search query is not supported	SEVERE	This type of search query is not supported	This search query cannot be executed	Modify the search query
BEER-03550	Search SQL error	WARNING	Search SQL error	Failed to perform operation	Please contact support
BEER-03551	Search Text error	WARNING	Search Text error	Failed to perform text query	Please contact support
BEER-03552	Search query resulted in SQL error	WARNING	Search query resulted in SQL error	Search query could not return results	Please contact support
BEER-03553	Search query resulted in Text error	WARNING	Search query resulted in Text error	Search query could not return results	Please contact support
BEER-03554	Wildcard Search resulted in too many expansions	WARNING	Wildcard Search resulted in too many expansions	Search query could not return results	Please refine your query using a prefix or suffix to the wildcard to get meaningful results

Social Service Error Codes

The following table lists error codes for Social Service.

Table 3–30 Social Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-04300	Unexpected error.	SEVERE	An unexpected internal error occurred.	The requested operation cannot be performed	Contact system administrator.
BEEC-04301	Internal error raising a connection event.	SEVERE	Internal error occurred.	A connection event is raised.	Contact system administrator.
BEEU-04302	NetworkType not Supported.	WARNING	The NetworkType value provided is invalid.	The requested operation will not be performed.	Provide appropriate value for the NetworkType.
BEEU-04303	Workspace Id not specified/invalid.	WARNING	Workspace Id not specified/invalid.	The requested operation will not be performed.	Provide appropriate value for the Workspace Id.
BEEU-04304	Invalid GROUP NetworkType - Group Id not specified/invalid.	WARNING	Invalid GROUP NetworkType - Group Id not specified/invalid.	The requested operation will not be performed.	Provide appropriate value for the Group Id.
BEEU-04305	Invalid CUSTOM NetworkType - User Ids not specified/invalid.	WARNING	Invalid CUSTOM NetworkType - User Ids not specified/invalid.	The requested operation will not be performed.	Provide appropriate value for the User Ids.
BEEU-04306	Invalid Anchor value - Cutoff Time cannot be greater then Anchor Time.	WARNING	Invalid Anchor value - Cutoff Time cannot be greater then Anchor Time.	The requested operation will not be performed.	Provide appropriate value for the Anchor time.
BEEU-04307	User cannot be connected to himself.	INFO	User is trying to connect to himself.	The requested operation will not be performed.	Provide appropriate value for the connection.
BEEU-04308	User cannot follow himself.	INFO	User is trying to follow himself.	The requested operation will not be performed.	Provide appropriate value for Following Id.
BEEU-04309	Duplicate connection error.	INFO	User is trying to connect to a connection.	The requested operation will not be performed.	Provide appropriate value for the connection.

Table 3–30 (Cont.) Social Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-04310	Connection not found.	WARNING	The specified connection does not exist.	The requested operation will not be performed.	Provide appropriate value for the connection.
BEEU-04311	Insufficient privileges to perform operation.	INFO	Access denied. Insufficient privileges.	The requested operation will not be performed.	User does not have privileges to perform the operation.
BEEU-04312	Insufficient privileges to perform operation.	INFO	Access denied. Insufficient privileges.	The requested operation will not be performed.	User does not have privileges to perform the operation.
BEEU-04313	An invalid empty value was specified for parameter.	WARNING	An invalid empty value was specified for parameter : {0}	The requested operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation.
BEEU-04314	An invalid null value was specified for parameter.	WARNING	An invalid null value was specified for parameter: {0}	The requested operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation.
BEEU-04315	Invalid parameter.	WARNING	An invalid value was specified for parameter: {0}	The requested operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation.
BEEU-04316	Invalid Collection.	WARNING	The collection {0} is null or empty. Or one of the values in collection is null	The requested operation cannot be performed.	Specify a non-null, non-empty collection.

Subscription Service Error Codes

The following table lists error codes for Subscription Service.

Table 3–31 Subscription Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-02101	Subscription service encountered an internal error.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.
BEEU-02102	Access control check failed.	INFO	Insufficient privileges or access type.	Operation was not completed.	User needs proper privileges for the operation.
BEEU-02111	Subscription template exists.	INFO	Subscription template with the same value already exist.	Operation was not completed.	Fix the failure and try again.
BEEU-02112	Subscription template not found.	INFO	Subscription template with the specified value cannot be found.	Subscription template was not loaded.	Fix the failure and try again.
BEEU-02113	Subscription template xml parsing failed.	INFO	Exception was thrown while parsing xml.	Subscription template is not created.	Fix error and try again.
BEEU-02114	Subscription template creation encountered an error.	INFO	See stack trace for details.	Create on subscription template was not completed.	Correct the error and retry.
BEEU-02115	Subscription template retrieval encountered an error.	INFO	See stack trace for details.	Load on subscription template was not completed.	Correct the error and retry.

Table 3-31 (Cont.) Subscription Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-02116	Subscription templates retrieval encountered an error.	INFO	See stack trace for details.	Loading Subscription template list was not completed.	Correct the error and retry.
BEEU-02117	Internal error while processing the upload.	INFO	See stack trace for details.	Load on subscription template was not completed.	Correct the error and retry.
BEEU-02118	Unable to use jaxb for unmarshalling.	INFO	See stack trace for details.	Load on subscription template was not completed.	Correct the error and retry.
BEEU-02119	Invalid XML content is encountered.	INFO	See stack trace for details.	Load on subscription template was not completed.	Correct the error and retry.
BEEU-02120	Failed to update subscription template.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.
BEEU-02121	Subscription creation encountered an error.	INFO	See stack trace for details.	Creation on Subscription was not completed.	Correct the error and retry.
BEEU-02122	Subscription update encountered an error.	INFO	See stack trace for details.	Update on subscription was not completed.	Correct the error and retry.
BEEU-02123	Subscription deletion encountered an error.	INFO	See stack trace for details.	Delete on subscription was not completed.	Correct the error and retry.
BEEU-02124	Subscription retrieval encountered an error.	INFO	See stack trace for details.	Load on subscription was not completed.	Correct the error and retry.
BEEU-02125	Subscriptions retrieval encountered an error.	INFO	See stack trace for details.	Loading subscription list was not completed.	Correct the error and retry.
BEEU-02126	Failed to load source.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.
BEEU-02127	Failed to create subscription schema.	INFO	See stack trace for details.	Creation on Subscription was not completed.	Correct the error and retry.
BEEU-02128	could not load subscription schema by collab id.	INFO	See stack trace for details.	Load on subscription was not completed.	Correct the error and retry.
BEEU-02129	could not load subscription rule definition by collab id.	INFO	See stack trace for details.	Load on subscription was not completed.	Correct the error and retry.
BEEU-02130	could not check write access.	INFO	See stack trace for details.	Creation on Subscription was not completed.	Correct the error and retry.
BEEU-02131	could not load subscription by collab id.	INFO	See stack trace for details.	Load on subscription was not completed.	Correct the error and retry.
BEEU-02132	could not enable/disable subscription by collab id.	INFO	See stack trace for details.	Load on subscription was not completed.	Correct the error and retry.
BEEU-02133	could not delete subscription by collab id.	INFO	See stack trace for details.	Delete on subscription was not completed.	Correct the error and retry.
BEEU-02134	could not undelete subscription by collab id.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.

Table 3–31 (Cont.) Subscription Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-02151	User Context returned null cen, throwing CsiException.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.
BEEU-02152	PLSQL status is not success.	INFO	See stack trace for details.	Operation on subscription was not completed.	Correct the error and retry.
BEEU-02153	Operation is not allowed during ZDU process	SEVERE	ZDU patching process is running	Subscriptions are not allowed to be created, updated, or deleted	Try again after ZDU patching process is done

System Management Error Codes

The following table lists error codes for System Management.

Table 3–32 System Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEZ-03800	System Management Access Denied.	SEVERE	The User does not have the required Privilege to do system management.	The User will not be allowed to do system management.	Grant the required Privilege to the User.
BEEZ-03801	Error encountered when manipulating/querying configuration data.	WARNING	Execution of {0} failed due to {1} at {2}.	Unable to service request to manipulate/query data in {0}.	Check the error and take appropriate action, including and not limited to verification of request.
BEEZ-03802	Failed to save system configuration changes.	WARNING	The proposed changes are not relative to the latest version of the system configuration.	The proposed changes to the system configuration were not saved.	Make changes starting with a snapshot of the latest version of the system configuration.
BEEZ-03803	Failed to save system configuration changes.	WARNING	The write lock expired.	The proposed changes to the system configuration were not saved.	Acquire a new WritableConfiguration, make the proposed changes, and save them before the write lock expires.
BEEZ-03804	Failed to save system configuration changes.	WARNING	The WritableConfiguration does not have a write lock anymore.	The proposed changes to the system configuration were not saved.	Do not attempt to save changes using a WritableConfiguration that no longer has a write lock.

Table 3–32 (Cont.) System Management

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-03805	Incompatible software detected, therefore configuration updates are not allowed using the current client.	WARNING	You already modified the Beehive configuration with a newer version of the software. The version of the current client is {0} but the version of the configuration is {1}. You already modified the Beehive configuration with a patched version of the software. The patches applied to the current client are {0} but patches applied to the configuration are {1}.	You will not be able to view or update the Beehive proposed configuration using the current client.	Use a compatible client to view and update the Beehive proposed configuration.
BEEU-03806	The property {0} is a network port and must be in the range 1 to 65535.	WARNING	Attempt to set a network port value outside the range 1 to 65535.	The configuration property {0} was not changed.	Specify a port value in the range 1 to 65535.
BEEU-03807	Negative values are not allowed in the list of database retry intervals.	WARNING	A negative value was found in the list of database retry intervals.	The configuration property was not modified.	Specify only non-negative values in the list of database retry intervals.
BEEU-03808	The property {0} must be in the range {1} to {2}.	WARNING	Attempt to set {0} outside the range {1} to {2}.	The configuration property {0} was not changed.	Specify a value in the range {1} to {2}.

Time Management And Coexistence With Exchange Error Codes

The following table lists error codes for Time Management And Coexistence With Exchange.

Table 3–33 Time Management And Coexistence With Exchange

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01101	The entity could not be found.	FINE	The entity could not be found.	The entity cannot be accessed.	Specify a valid entity.
BEEU-01102	You do not have the required access.	FINE	You do not have the required access.	You do not have the required access.	Contact the owner of the entity to be granted access.
BEEU-01103	The user is not enabled for Time Management.	FINE	The user is not enabled for Time Management.	The user cannot perform Time Management operations.	Contact your administrator to enable the user for Time Management.
BEEU-01104	Optimistic locking failed.	FINE	The entity was modified.	The modifications cannot be applied.	Reload the entity and reapply the modification.
BEEU-01105	An invalid argument was provided.	WARNING	An invalid argument was provided.	The requested operation cannot be performed.	Please notify your system administrator.
BEEU-01106	A configuration parameter is missing.	SEVERE	A configuration parameter cannot be accessed from the Time Management Service's pl/sql.	The requested operation cannot be performed.	Please notify your system administrator.

Table 3–33 (Cont.) Time Management And Coexistence With Exchange

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01107	This Time Management entity is locked.	FINE	This Time Management entity is locked.	The entity cannot be updated is this moment.	Retry the operation later, or contact the owner to unlock the workspace.
BEEU-01108	There already is an Entity with similar attributes at the same Scope.	FINE	There already is an Entity with similar attributes at the same Scope.	The operation cannot be performed.	Retry the operation with unique values, or update the conflicting entity.
BEEU-01109	Unable to exceed a limit defined by the Time Management Service.	FINE	The requested operation would cause a Time Management limit to be exceeded. The name of the entity exceeds the Time Management limit. The number of calendars per workspace exceeds the Time Management limit. The number of task lists per workspace exceeds the Time Management limit. The number of default reminders per container exceeds the Time Management limit. The number of reminders on this entity exceeds the Time Management limit. The number of participants exceeds the Time Management limit. The number of invitations per meeting exceeds the Time Management limit. The number of occurrences exceeds the Time Management limit. The number of occurrences in the calendar exceeds the Time Management limit. The number of todos in the task list exceeds the Time Management limit.	The requested operation cannot be performed.	Contact the administrator to increase the limit. Shorten the name of the entity. Delete a calendar from the workspace. Delete a task list from the workspace. Delete a default reminder associated with the same container. Delete a reminder associated with the entity. Remove some participants. Remove some participants or reduce the number of occurrences. Reduce the number of occurrences in the meeting. Delete some occurrences from the calendar. Delete some todos from the task list.
BEEU-01110	A scheduling conflict occurred.	FINE	A participant that does not allow double booking is already scheduled at this time.	The calendar event cannot be scheduled at this time.	Remove the conflicting participant, or reschedule the calendar event at another time.
BEEU-01111	A data constraint occurred.	WARNING	Inconsistent data was provided.	The requested operation cannot be performed.	Verify the values and retry the operation.
BEEU-01112	The operation cannot be completed in a timely fashion.	FINE	The resources required for this operation are currently busy.	The requested operation cannot be performed at this time.	Please retry the operation.

Table 3–33 (Cont.) Time Management And Coexistence With Exchange

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-01113	Unexpected error.	SEVERE	An unexpected internal error occurred.	The requested operation cannot be performed.	Please notify your system administrator.
BEEU-01115	A resources can not be invited to a day event.	FINE	A resource was invited to a day event.	The requested operation cannot be performed.	Please notify your system administrator.
BEEU-01116	The anchor is too old.	FINE	The last synchronization was too long ago.	Can not retrieve the modifications since the last synchronization.	Please list all the elements of the container.

User Directory Services Error Codes

The following table lists error codes for User Directory Services.

Table 3–34 User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEER-00700	A database operation failed due to a transient or permanent error	SEVERE	A database operation failed due to a transient or permanent error Failed to read data from database object	The attempted operation could not be completed	Try again later. If the problem persists, contact your system administrator
BEED-00701	External directory user creation error	WARNING	Duplicate entity The specified principal type is not valid The specified principal was not created Failed to process the external directory synchronization event Invalid enterprise {0} found for synchronization event Invalid organization {0} found for synchronization event The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid Null guid found for change number {0} Null profile name found for change number {0} Both profile name and guid are null for change number {0} An error occurred during user creation	External directory user not created	Specify a valid value

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEER-00701	An external directory operation failed due to a transient or permanent error	SEVERE	Unable to establish a connection to the external directory External directory authentication failed Check the plugin {0} name or path	Failed to start sync for {0}	Try again later. If the problem persists, contact your system administrator Check external directory is available and changelog enabled. Make sure that profile has correct user and group search base, with correct user credentials. Check the plugin name or path Check directory user credentials.
BEEU-00701	An error occurred during preference set creation	WARNING	Duplicate entity The specified parent does not exist or cannot be used No such entity The preference set cannot extend from another set with a different name The preference set cannot extend from another set with a different template schema The preference set cannot extend from the one specified because it would cause a cyclic dependency The preference set contains a preference property that cannot be overridden from its super set The preference property cannot be added to the preference set because it is not specified in the template The preference property cannot be added to the preference set because the value is not invalid as per the template The specified value for one or more parameters is too large The specified preference profile does not exist or cannot be used	The specified preference set was not created	Specify a valid value Specify another value

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEED-00702	User modification error during external directory synchronization	WARNING	No such entity Failed to resolve user {0}. User may not exist in target directory. The specified principal type is not valid The specified principal was not created The specified principal was not updated The specified principal was not deleted The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid Null guid found for change number {0} Null profile name found for change number {0} Both profile name and guid are null for change number {0} An error occurred during user update Failed to process the external directory synchronization event	External directory user not updated	Specify a valid value in the external directory Try again later. If the problem persists, contact your system administrator

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00702	An error occurred during preference set update	INFO	The specified parent does not exist or cannot be used A newer version of the specified entity exists in the system No such entity The preference set cannot extend from another set with a different name The preference set cannot extend from another set with a different template schema The preference set cannot extend from the one specified because it would cause a cyclic dependency The specified value for one or more parameters is too large The preference set contains a preference property that cannot be overridden from its super set	The specified preference set was not updated	Specify a valid value Specify another value Refresh the entity and retry the operation
BEED-00703	User deletion error during external directory synchronization	WARNING	No such entity An error occurred during user deletion Failed to process the external directory synchronization event	External directory user not deleted	Specify a valid value in the external directory
BEEU-00703	An error occurred during preference set deletion	WARNING	No such entity A newer version of the specified entity exists in the system The preference set can be deleted only when its parent is deleted	The specified preference set was not deleted	Specify a valid value Specify another value Refresh the entity and retry the operation
BEEU-00704	An error occurred during preference set loading	INFO	No such entity	The specified preference set was not loaded	Specify a valid value
BEEU-00705	An error occurred during preference profile creation	WARNING	No such entity Duplicate entity The specified parent does not exist or cannot be used The preference profile already contains the specified preference set The specified value for one or more parameters is too large A preference profile already exists for the specified entity	The specified preference profile was not created	Specify a valid value Specify another value

Table 3-34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEED-00706	Group creation error during external directory synchronization	WARNING	Duplicate entity Failed to process the external directory synchronization event Invalid enterprise {0} found for synchronization event Invalid organization {0} found for synchronization event The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid Null guid found for change number {0} Null profile name found for change number {0} Both profile name and guid are null for change number {0} An error occurred during group creation	External directory group not created	Specify a valid value in the external directory
BEEU-00706	An error occurred during preference profile update	INFO	The specified parent does not exist or cannot be used A newer version of the specified entity exists in the system No such entity The specified value for one or more parameters is too large The preference profile already contains the specified preference set	The specified preference profile was not updated	Specify a valid value Specify another value Refresh the entity and retry the operation

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEB-00707	Group modification error during external directory synchronization	WARNING	No such entity The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid An error occurred during group update Null guid found for change number {0} Null profile name found for change number {0} Both profile name and guid are null for change number {0} Failed to process the external directory synchronization event	External directory group not updated	Specify a valid value in the external directory
BEEU-00707	An error occurred during preference profile deletion	WARNING	No such entity The preference profile is currently active A newer version of the specified entity exists in the system	The specified preference profile was not deleted	Specify a valid value Specify another value Refresh the entity and retry the operation
BEEB-00708	Group deletion error during external directory synchronization	WARNING	No such entity An error occurred during group deletion Failed to process the external directory synchronization event	External directory group not deleted	Specify a valid value in the external directory
BEEU-00708	An error occurred during preference profile loading	INFO	No such entity	The specified preference profile was not loaded	Specify a valid value

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-00711	Error during initialization of external directory synchronization	SEVERE	Failed to created the directory object Failed to get default directory object Failed to connect to external directory Failed to get ldap server Invalid Directory type Failed to get the changelog DN from external directory Enterprise not found in directory object User type not found in directory object Group type not found in directory object Invalid group dn {0} found for the external directory Invalid user dn {0} found for the external directory Could not find the default user DN for the external directory Could not find the default group DN for the external directory Could not find the DN {0} in the external directory Invalid user name or password of the external directory user Invalid external directory host or port Invalid external directory host or port User configured in the profile doesnot have permission to access the hierarchy {0} in the external directory Invalid external directory credentials found, correct it and retry Invalid target attribute sub type {0} Invalid target attribute type {0} Invalid source attribute type {0} Invalid target attribute name {0} Target attribute type not found Target attribute type not found Source attribute type not found Target attribute name not found Invalid attribute map for {0} Invalid attribute name {0} in source attribute {1} Failed to find directory profile	External directory synchronization not initialized. Profile validation failed.	Specify a valid value Check external directory is available and changelog enabled. Make sure that profile has correct user and group search base, with correct user credentials. Specify another value Valid principal types are PRIMARY, PROTOCOL and VOICE Provide primary principal mapping Provide group name mapping Provide family name mapping For {0} valid source attribute format is {1} For {0} valid target attribute names are {1}

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00711	Error in processing the external directory synchronization event	WARNING	Failed to initialize external directory synchronization plugin Failed to connect to external directory Failed to get the changelog DN from external directory Failed to get the unique global identifier from external directory Failed to search the external directory Failed to get the directory events from the external directory Failed to get the current change log number from the external directory	Failed to process the external directory synchronization event	Specify a valid value Check external directory is available and changelog enabled. Make sure that profile has correct user and group search base, with correct user credentials. Specify another value
BEEU-00711	An error occurred during principal creation	WARNING	The specified identifier is already in use The specified name is already in use The name was not specified or cannot be used The specified parent does not exist or cannot be used A specified sufficient principal does not exist or cannot be used The specified delegate does not exist or cannot be used The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified principal type is not valid Failed to raise event for the operation The user's personal workspace could not be renamed Protocol Principal name has characters which are not 7-bit encoded. The specified delegate already exists for the specified user	The specified principal was not created	Specify a valid value Specify another value Try again later. If the problem persists, contact your system administrator

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-00712	Validate directory entry operation failed.	SEVERE	Failed to get Directory for given profile Profile {0} does not exist. Failed to get service locator. Entry type not supported Entry type is undefined Failed to get entry type Failed to get directory locator of entry Unsupported attribute Invalid Format A database operation failed due to a transient or permanent error Ldap or external directory type is not supported Entry not Created By sync or by current profile Manager or assistant not present in the system, DN:{0} Group member not present in the system, DN:{0} Group not of type static group Error in getting directory locator by collabId The entry cannot be found either in the system or in the external directory Entry absent in ldap server Cannot reconcile deleted entry. Failed to get data from Ldap server. Error in getting entry data by directory locator Error in terminating Ldap connection Entity doesn't satisfy rule map Validate directory entry operation not supported for {0}. Validate directory entry operation not supported for null type. No profile associated with entity {0}. Entity not mastered in external directory	Validation operation failed	Specify a valid value Provide correct profile name. Try again later. If the problem persists, contact your system administrator Purge entry and retry Use emailId or any valid Attribute Define entry type In external directory Check external directory is available and changelog enabled. Make sure that profile has correct user and group search base, with correct user credentials. Use valid value Check database Reconcile works only for Static groups Value in external directory not proper Create manager or assistant Check external directory connections. Check the fetching of beehive mapped ldap attributes using ldap credentials specified in the profile and the same search criteria specified in rule maps. The log files may have more details. Check if the Ldap entry has valid object class, expected object class for this directory is "{0}" for user type, "{1}" for group type.

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00712	An error occurred during principal update	INFO	The specified name is already in use The specified parent does not exist or cannot be used A specified sufficient principal does not exist or cannot be used The specified delegate does not exist or cannot be used The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified principal type is not valid A newer version of the specified entity exists in the system The specified property does not exist. Failed to raise event for the operation	The specified principal was not updated	Specify a valid value Specify another value Refresh the entity and retry the operation Try again later. If the problem persists, contact your system administrator
BEEU-00713	An error occurred during principal deletion	WARNING	No such entity A newer version of the specified entity exists in the system Failed to unregister the entity with access control service Failed to raise event for the operation Group memberships could not be removed	The specified principal was not deleted	Specify a valid value Refresh the entity and retry the operation Try again later. If the problem persists, contact your system administrator
BEEU-00714	An error occurred during principal loading	INFO	No such entity	The specified principal was not loaded	Specify a valid value
BEEU-00715	An error occurred during principal resolution	INFO	No such entity The user for the specified principal is disabled, deleted or locked	The specified name was not resolved to a principal	Specify a valid value Enable the user and retry

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEED-00721	Failed to generate user data.	WARNING	User does not have a valid manager. Profile {0} does not exist. Failed to get service locator. Principal or unique identifier not found. Invalid file {0} name or location. Invalid ldap credentials. Invalid scope identifier. Invalid membership identifier. Attributes not found for user generation. Family name not found. Failed to find user type for {0}. Failed to find principal for {0}. Invalid attribute. Invalid property. Invalid address. Failed to generate user xml data. Failed to transform xml user data. Failed to generate user data.	Failed to download user data.	Provide correct manager or assistant value. Provide correct profile name. Provide family name for user {0}. Provide valid principal value. Try again later. If the problem persists, contact your system administrator. Provide attribute map for profile {0}. Provide valid file location. Correct user type mapping and retry user generation. Provide valid ldap credentials. Provide valid scope identifier for {0}. Provide valid membership identifier for {0}. Provide valid user type. Check if user has required unique identifier or principal.

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00721	An error occurred during user creation	WARNING	The specified identifier is already in use The specified parent does not exist or cannot be used The owner was not specified or doesnot exist The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The family name was not specified The specified community does not exist or cannot be used The specified assistant does not exist or cannot be used The specified manager does not exist or cannot be used The specified preference profile does not exist or cannot be used The specified timezone does not exist or cannot be used The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified personal workspace does not exist or cannot be used A provisioning policy could not be applied during user creation The specified locale does not exist or cannot be used. The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified property is invalid; Name = {0}, Value = {1} The specified property does not exist. The specified group is being modified.	The specified user was not created	Specify a valid value Specify another value See the log file for more details Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Try again later. If the problem persists, contact your system administrator

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
			The user context is null or invalid during personal workspace creation. The automatic address book contacts could not be created for the user		
BEED-00722	Failed to add users.	WARNING	Unable to find users {0} manager Unable to find users {0} assistant Failed to get service locator. Failed to find profilename {0}. Invalid filename {0} or location. Invalid ldap credentials. Invalid enterprise identifier. Invalid organization identifier. Invalid user type. Invalid user attribute. Invalid user property. Invalid user address {0}. Invalid format of identifier {0}. Invalid user principal. Failed to parse user xml file Missing family name Failed to add groups. Failed to modify groups. Failed to add users.	Add user failed.	Provide valid manager value. Provide assistant principal name. Provide correct profile name. Try again later. If the problem persists, contact your system administrator Provide valid file name or location. Provide valid ldap user credentials. Provide valid enterprise identifier. Provide valid organization identifier. Provide valid user type. Provide valid principal identifier. Provide valid unique identifier. Provide valid address. Provide valid identifier. Provide valid value. Provide valid xml file Provide family name

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00722	An error occurred during user update	WARNING	The specified parent does not exist or cannot be used The user was not specified or cannot be used The owner was not specified or doesnot exist The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The family name was not specified The specified community does not exist or cannot be used The specified locale does not exist or cannot be used. The specified assistant does not exist or cannot be used The specified manager does not exist or cannot be used The specified preference profile does not exist or cannot be used The specified timezone does not exist or cannot be used The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified personal workspace does not exist or cannot be used The specified property is invalid; Name = {0}, Value = {1} The specified property does not exist. The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large A newer version of the specified entity exists in the system The specified group is being modified. (cont.)	The specified user was not updated	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Perform the operation/changes in external directory. Try again later. If the problem persists, contact your system administrator

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
			The values {0} are mastered in the external directory. These are read only entries. The automatic address book contacts could not be updated for the user Access denied while trying to update scope. Scope change is not allowed to provided value.		
BEEED-00723	Failed to generate group data.	WARNING	Profile {0} does not exist.	Failed to download group data.	Provide correct profile name.
BEEU-00723	An error occurred during user deletion	WARNING	No such entity The user was not specified or cannot be used A user mastered in an external directory must be deleted in the external directory A newer version of the specified entity exists in the system A de-provisioning policy could not be applied during user deletion The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The automatic address book contacts could not be deleted for the user	The specified user was not deleted	Specify a valid value Specify another value Refresh the entity and retry the operation See the log file for more details Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed
BEEU-00724	An error occurred during user load	WARNING	No such entity The user was not specified or cannot be used	The specified user was not loaded	Specify a valid value
BEEU-00725	An error occurred during user purge	WARNING	No such entity The specified user has not been deleted and cannot be purged The user was not specified or cannot be used Failed to unregister the entity with access control service The user context is null or invalid during personal workspace creation.	The specified user was not purged	Specify a valid value Try again later. If the problem persists, contact your system administrator Try again later. If the problem persists, contact your system administrator
BEEU-00726	An error occurred while listing users	WARNING	A projection was not specified or cannot be used	The users could not be listed	Specify a valid value

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00731	An error occurred during group creation	WARNING	Duplicate entity The specified address is invalid No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The query was not specified or cannot be used The scope was not specified or cannot be used An entity with the specified address already exists The specified property is invalid; Name = {0}, Value = {1} The specified property does not exist. The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The scope was not specified or cannot be used An invalid predicate is specified The name was not specified or cannot be used The specified parent is not a team workspace The query was not specified or cannot be used The specified name is already in use An error occurred when raising events The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The specified group is being modified.	The specified group was not created	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Try again later. If the problem persists, contact your system administrator

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00732	An error occurred during group update	WARNING	The specified parent does not exist or cannot be used The specified group is invalid A newer version of the specified entity exists in the system No such entity The query was not specified or cannot be used The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The specified property is invalid; Name = {0}, Value = {1} The specified property does not exist. The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified name is already in use Cannot convert a workspace group to enterprise group The specified preference profile does not exist or cannot be used An error occurred when raising events The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The specified group is being modified. The name was not specified or cannot be used The owner was not specified or doesnot exist The values {0} are mastered in the external directory. These are read only entries. The user does not have the required access rights (cont.)	The specified group was not updated	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Perform the operation/changes in external directory. Try again later. If the problem persists, contact your system administrator Login with the right permissions to access the entity.

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
			Access denied while trying to update scope. Scope change is not allowed to provided value.		
BEEU-00733	An error occurred during group deletion	WARNING	No such entity The specified group is invalid A newer version of the specified entity exists in the system This operation cannot be performed on the ALL_USERS group This operation cannot be performed on team workspace group A group mastered in an external directory must be deleted in the external directory An error occurred when raising events The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The user does not have the required access rights The specified group is being modified.	The specified group was not deleted	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Try again later. If the problem persists, contact your system administrator Login with the right permissions to access the entity.
BEEU-00734	An error occurred during group load	WARNING	No such entity The user does not have the required access rights The specified group is invalid	The specified group was not loaded	Specify a valid value Login with the right permissions to access the entity.
BEEU-00735	An error occurred during addition or removal of group member	WARNING	The specified member is invalid The member could not be added to the group The member could not be deleted from the group The member was not added to the group as it would create cyclic loop The specified entity is already part of the group The member exists in a scope which is not visible to the group The specified entity is already excluded from the group Removal of excluded member failed	The members could not be added or removed	Specify a valid value Check the group member details and remove the duplicate entity Check the group member details and remove the already excluded member from the list

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00736	An error occurred during group purge	WARNING	No such entity The specified group is invalid This operation cannot be performed on the ALL_USERS group This operation cannot be performed on the group with this status This operation cannot be performed on team workspace group An error occurred when raising events Failed to unregister the entity with access control service The user does not have the required access rights	The specified group was not purged	Specify a valid value Specify another value The group should be in a different status to perform this operation Login with the right permissions to access the entity.
BEEU-00737	An error occurred while getting the element modifications	WARNING	The scope was not specified or cannot be used The specified scope does not exist	Could not get the element modifications for the specified container	Specify a valid value Specify another value
BEEU-00738	An error occurred during group undelete	WARNING	No such entity The specified group is invalid This operation cannot be performed on the ALL_USERS group This operation cannot be performed on the group with this status This operation cannot be performed on team workspace group The user does not have the required access rights An error occurred when raising events	The specified group could not be undeleted	Specify a valid value Specify another value The group should be in a different status to perform this operation Login with the right permissions to access the entity.
BEEU-00739	An error occurred while listing groups	WARNING	A projection was not specified or cannot be used	The groups could not be listed	Specify a valid value

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00751	An error occurred during external contact creation	WARNING	The specified identifier is already in use The specified parent does not exist or cannot be used The owner was not specified or doesnot exist The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The family name was not specified The specified community does not exist or cannot be used The specified locale does not exist or cannot be used. The specified property is invalid; Name = {0}, Value = {1} The specified property does not exist. The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified timezone does not exist or cannot be used The specified address is invalid An entity with the specified address already exists No such address The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid	The specified external contact was not created	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00752	An error occurred during external contact update	WARNING	The specified parent does not exist or cannot be used The external contact was not specified or cannot be used The owner was not specified or doesnot exist The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode The family name was not specified The specified community does not exist or cannot be used The specified property is invalid; Name = {0}, Value = {1} The specified value for the parameter {0} is too large (Limit is {1}) The specified value for one or more parameters is too large The specified timezone does not exist or cannot be used The specified locale does not exist or cannot be used. The specified address is invalid An entity with the specified address already exists No such address The specified property does not exist. The type of address has a suffix beyond the configured range of the system The type of the address is invalid The scheme of the address is invalid The values {0} are mastered in the external directory. These are read only entries.	The specified external contact was not updated	Specify a valid value Specify another value Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed Perform the operation/changes in external directory.

Table 3–34 (Cont.) User Directory Services

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-00753	An error occurred during external contact deletion	WARNING	No such entity The external contact was not specified or cannot be used A external contact mastered in an external directory must be deleted in the external directory A newer version of the specified entity exists in the system The operation cannot be performed while running in external directory mode The operation is valid only in external directory mode	The specified external contact was not deleted	Specify a valid value Specify another value Refresh the entity and retry the operation Either the operation cannot be performed with the current configuration, or the mode of directory service has to be changed
BEEU-00754	An error occurred during external contact loading	WARNING	No such entity The external contact was not specified or cannot be used	The specified external contact was not loaded	Specify a valid value
BEEU-00755	An error occurred during external contact purge	WARNING	No such entity The external contact was not specified or cannot be used The specified external contact has not been deleted and cannot be purged The entity cannot be purged	The specified external contact was not purged	Specify a valid value Try again later. If the problem persists, contact your system administrator
BEEU-00756	An error occurred while listing external contacts	WARNING	A projection was not specified or cannot be used	The external contacts could not be listed	Specify a valid value

Virus Scanner Error Codes

The following table lists error codes for Virus Scanner.

Table 3–35 Virus Scanner

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-03001	Request sent to the virus scan engine is not a valid one.	WARNING	Error parsing request sent to the scan engine running at {0}:{1} due to syntax or other errors. The operation requested is not a valid one. The service requested does not correspond to an available service on the scan engine running at {0}:{1}. ICAP version, {0}, used to communicate with the virus scan engine running at {1}:{2} is not a supported one.	Unable to service request made to the virus scan engine at {0}:{1}.	Verify the configuration settings on the virus scan engine, {0}:{1}. Verify the request being sent to the scan engine. Verify the Beehive configuration settings for the virus scan engine, {0}:{1}. Verify that the file {0} exists and is readable by the virus scan engine at {1}:{2}
BEEC-03002	Unable to scan for viruses due to a configuration error on the virus scan engine.	WARNING	License on virus scan engine running at {0}:{1} is not valid.	Unable to service any requests made to the virus scan engine at {0}:{1}.	Verify that the license on the virus scan engine, {0}:{1}, is valid.
BEES-03003	Unable to scan for viruses due to an I/O error.	WARNING	IO error encountered during scan of {0}. Request was made to engine, {1}:{2}. IO error encountered during communication with the virus scan engine running at {0}:{1}. Generic IO error. Unable to read input to be scanned {0} .	Unable to service scan request made to the virus scan engine at {0}:{1}.	Verify that the virus scan engine configured to be running at {1}:{2} is up and that there are no network connectivity issues between the Beehive middle tier and the scan engine. Additionally, verify that the input {0} exists and is readable by the virus scan engine. Check the system permissions on the file or directory {0}.
BEES-03004	Unable to remove viruses due to an I/O error.	WARNING	IO error encountered during repair of {0}. Request was made to engine, {1}:{2}. Unable to read input to be scanned {0} . Output file {0} not writeable. Generic IO error. IO error encountered during communication with the virus scan engine running at {0}:{1}.	Unable to service repair request made to the virus scan engine at {0}:{1}.	Verify that the virus scan engine configured to be running at {1}:{2} is up and that there are no network connectivity issues between the Beehive middle tier and the scan engine. Additionally, verify that the input {0} exists and is readable by the virus scan engine. If the request type specifies that the repairs need to be written to a file on disk, ensure that the scan engine has permission to write to disk. Check the system permissions on the file or directory {0}.

Table 3–35 (Cont.) Virus Scanner

Message ID	Display Name	Severity	Cause	Effect	Action
BEEC-03005	Unable to repair content of viruses due to a configuration error on the virus scan engine.	WARNING	License on virus scan engine running at {0}:{1} is not valid.	Unable to service any requests made to the virus scan engine at {0}:{1}.	Verify that the license on the virus scan engine, {0}:{1}, is valid.
BEES-03006	Response returned by the virus scan engine is not a valid/expected one.	WARNING	Response returned by the virus scan engine running at {0}:{1} is not a valid/expected one. Response returned by the virus scan engine running at {0}:{1} cannot be parsed.	Unable to service request made to the virus scan engine at {0}:{1}.	Verify the configuration settings on the virus scan engine, {0}:{1}.
BEES-03007	Unable to contact virus scan engine.	WARNING	IO error encountered during communication with the virus scan engine running at {0}:{1}. Unable to contact virus scan engine running on host: {0}. Unable to resolve the hostname, {0}, for the virus scan engine. Generic IO error.	Unable to service request made to the virus scan engine at {0}:{1}.	Verify that the virus scan engine configured to be running at {0}:{1} is up and that there are no network connectivity issues between the Beehive middle tier and the scan engine. Verify that the virus scan engine host and port configuration values in Beehive, which are currently set to {0} and {1} respectively, are correct. VIR_CHECK_SERVER_NETWORKING_ACTION Check to see if the virus scan engine on host {0} has been started.
BEES-03008	Unable to retrieve virus definition information from the virus scan engine.	WARNING	Error parsing virus definition information, {0}, returned by the scan engine running at {1}:{2}. Virus definition information is missing from response, {0}, returned by the scan engine running at {1}:{2}.	Unable to service request made to the virus scan engine at {0}:{1}.	Verify the configuration settings on the virus scan engine, {0}:{1}.
BEES-03009	Unable to retrieve capabilities information from the virus scan engine.	WARNING	IO error encountered during communication with the virus scan engine running at {0}:{1}.	Unable to service request made to the virus scan engine at {0}:{1}.	Verify the configuration settings on the virus scan engine, {0}:{1}.
BEES-03010	Virus scan engine cannot process request due to errors on the server where the engine is running.	WARNING	Scan engine at {0}:{1} has a memory or disk error. Scan engine at {0}:{1} has encountered an internal error.	Unable to service request made to the virus scan engine at {0}:{1}.	Check the logs for the scan engine at {0}:{1} to determine the error. Ensure that there is sufficient disk and memory available on the scan engine server, {0}:{1}, to process requests.

Table 3–35 (Cont.) Virus Scanner

Message ID	Display Name	Severity	Cause	Effect	Action
BEES-03011	Virus scan engine has encountered an error processing request.	WARNING	Virus scan engine, {0};{1}, is unable to process request.	Unable to service request made to the virus scan engine at {0};{1}.	Verify connectivity, configuration, and resource availability on the virus scan engine server, {0};{1}.
BEES-03012	Error encountered when manipulating/querying virus scan related data.	WARNING	Data manipulation/query of {0} failed due to {1}.	Unable to service request to manipulate/query data in {0}.	Check the error and take appropriate action, including and not limited to verification of request.
BEEC-03013	Beehive configuration settings disallow this request.	WARNING	Beehive configuration setting for the VirusScanPolicy is set to {0}. This disallows the request to {1}.	Unable to service request made to the virus scan engine at {0};{1}.	Beehive configuration for the VirusScanPolicy needs to be set to either SCAN_ONLY or SCAN_AND_REPAIR in order to proceed with your request.
BEEC-03014	No virus scan engine found in the Beehive configuration system.	WARNING	Beehive configuration does not have any virus scan engines configured for use.	Unable to service your scan/repair request.	Verify the Beehive configuration settings and ensure that there is at least one virus scan engine configured. Also verify that the VirusScanPolicy is set to either SCAN_ONLY or SCAN_AND_REPAIR.
BEES-03015	None of the virus scan engines are available at this time.	WARNING	Unable to connect to any of the virus scan engines configured in the Beehive configuration system.	Unable to service your scan/repair request.	Verify that at least one of the virus scan engines configured for use is up and that there are no network connectivity issues between the Beehive middle tier and the scan engine.

Workspaces Error Codes

The following table lists error codes for Workspaces.

Table 3–36 Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEES-06000	Unexpected error.	SEVERE	An unexpected internal error occurred.	The requested operation cannot be performed	Contact system administrator.
BEEU-06001	Entity not found.	WARNING	The specified entity was not found. The specified parent entity not found. The specified target entity not found. No common parent entity exists for the specified entities.	Verify the Entity specified.	Retry the operation with a valid entity. Retry the operation with a valid entity. Retry the operation with a valid entity. Retry the operation with a set of entities that have a common parent.
BEEU-06002	Failed to perform the operation.	WARNING	Optimistic locking verification failed as the specified snapshot id does not match the server snapshot id.	The requested operation cannot be performed on the entity.	Reload the entity to be updated and then re-try.
BEEU-06003	Entity not checked out.	WARNING	The requested operation is not allowed on a entity that is not checked out.	The requested operation cannot be performed.	Checkout the entity and re-try the operation.
BEEU-06004	Deleted entity.	WARNING	The requested operation is not allowed on a deleted entity.	The requested operation cannot be performed.	Undelete the entity and re-try the operation.
BEEU-06005	Locked entity.	WARNING	The requested operation is not allowed on a locked entity.	The requested operation cannot be performed.	Unlock the entity and re-try the operation.
BEEU-06006	Duplicate entity.	WARNING	The specified entity identifier already exists.	The requested operation cannot be performed.	Specify a different entity identifier and re-try the operation.
BEEU-06007	Duplicate entity name.	WARNING	the specified entity name already exists.	The requested operation cannot be performed.	Specify a different entity name and re-try the operation.
BEEU-06008	Quota overflow.	WARNING	The hard quota limit for this scope has been exceeded.	The requested operation cannot be performed.	Get your quota increased!

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06009	Invalid Quota configuration.	WARNING	Invalid Quota configuration. Zero or negative quota values were specified. Soft quota value provided is greater than hard quota value. Specified quota configuration violates parent quota configuration. Specified quota configuration invalidates current children quota configuration.	Quota configuration update cannot be performed.	Review the specified quota configuration to make it comply with the quota configuration and status of the parent Scope. Review the specified quota configuration to make it comply with the quota configuration and status of the parent Scope. Review the specified quota configuration to make it comply with the quota configuration and status of the parent Scope. Review the specified quota configuration to make it comply with the quota configuration and status of the parent Scope. Review the specified quota configuration to make it comply with the quota configuration and status of the parent Scope.
BEEU-06010	INBOX update failed.	WARNING	The name of this folder is invalid.	INBOX will not be updated.	Folder name must be INBOX.
BEEU-06011	Cannot delete workspace default folder.	WARNING	Folder being deleted is a default workspace folder required by other services.	The specified folder will not be deleted.	Change the default workspace folder for that service to another folder and then re-try the delete operation.
BEEU-06012	Cannot move workspace default folder across scopes.	WARNING	Folder being moved is a default workspace folder required by other services.	The specified folder will not be moved.	Change the default workspace folder for that service to another folder and then re-try the move operation.
BEEU-06013	getElementModification failed.	WARNING	The container snapshot id specified is too old to compute the list of modified elements.	Container modifications will not be retrieved.	Reload the whole container.
BEEU-06014	Copy was not complete.	WARNING	One or more of the contained items could not be copied because an error occurred.	Some of the items of the specified container will not be copied into the destination.	Manually copy the failed items after having reviewed and fixed the reason of their failure.

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06015	Update of team workspace participants failed.	WARNING	Team workspace participant list could not be updated because an error occurred. Team workspace participation mode does not allow for self-joining. Team workspace participant list could not be updated because a null participant was provided. Team workspace indirect participant (belong to a group which is a participant) cannot leave the workspace. Team workspace owner cannot be removed from the participant list. Team workspace owner's role cannot be changed. Cannot update the role of accessor who is not a team workspace participant. Cannot remove all accessors granted Workspace Coordinator role.	Team workspace participant list will not be updated.	Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered. Re-try the update of team workspace participants after having removed the problem encountered.
BEEU-06016	Non deleted entity.	WARNING	Cannot undelete an entity which is not deleted.	The requested operation cannot be performed.	Move the entity to the new destination.
BEEU-06017	Entity is checked out.	WARNING	The requested operation is not allowed on a entity that is checked out.	The requested operation cannot be performed.	Re-try the operation once the entity is not checked out.
BEEU-06018	Operation could not be performed.	WARNING	Another operation is being performed on the resource.	The result of this operation will not be available.	Please try again later.
BEEU-06019	Operation could not be performed.	WARNING	The resource has moved.	The result of this operation will not be available.	Please try again later.

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06050	Invalid parameter.	WARNING	<p>An invalid value was specified for parameter {0}. An invalid null value was specified for parameter {0}. An invalid empty value was specified for parameter {0}. String parameter {0} is not allowed to contain any of these characters: {1}. The length of string parameter {0} is too long. Only Workspace.DIRECTORY projection is allowed when finding workspaces. Workspace default sensitivity cannot be specified in workspace create calls. The default sensitivity specified belongs to a different workspace. Unsupported ConflictResolutionMode for this operation. Transfer delay must be ≥ 0. Need to set defaultProjection or all of the individual projections. Both FolderListFilter and DocumentListFilter cannot be null. ContentUpdater within DocumentUpdater must be of type IdentifiableSimpleContentUpdater. Expected handle to either a PersonalWorkspace or TeamWorkspace. Unsupported ListFilter type specified in the ArtifactListProjection {0}: The specified start date is later than the end date. {0}: Missing or illegal character following the escape character, expecting only "%" or "-" Entity cannot be undeleted because name or location is invalid. Entity cannot be undeleted to the parent type specified.</p>	The operation will not be performed.	Specify a valid value for the offending parameter and re-try the operation. Either do not specify a new parent or specify a valid parent type for the undelete operation and re-try. Choose a destination that is neither the entity itself nor in the subtree of the entity. Choose a destination that is within the same scope.

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
			<p>Entity cannot be moved to the destination specified.</p> <p>Entity cannot be copied to the destination specified.</p> <p>Entity cannot be moved outside of scope. Invalid predicate specified in list filter. Invalid DbStatus code.</p> <p>Invalid PagingOptions specified for parameter {0}: Count value must be a positive number or -1. Invalid PagingOptions specified for parameter {0}: Start-Position value must be a positive number. Invalid GroupByOptions specified for parameter {0}: Group-size must be a positive number.</p> <p>Recent activity listfilter cannot accept two or more predicates of the same type. Predicate is invalid in this recent activity query scope. Some filtering options cannot co-exist in the same recent activity list filter. Popular entity list filter cannot accept two or more predicates of the same type.</p>		

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06051	Invalid operation on a hierarchical configuration.	WARNING	Versioning operations are prohibited in this container. The {0} configuration does not exist. A {0} configuration is already defined on this container. An existing ancestor {0} configuration is marked as final. Cannot mark as final when subcontainer has a {0} configuration defined. Cannot remove the default {0} configuration from an enterprise. Configuration update with these values would leave it in an invalid state. Container move failed because it would modify a {0} configuration marked as final.	The operation has failed due to a {0} configuration error.	Versioning operations are prohibited in this container. Specify a valid {0} configuration. Either update the existing {0} configuration or delete it and then create a new one. Mark the final {0} configuration as non-final and retry, or abort creation of the new configuration. Create or update the {0} configuration as non-final, or delete all {0} configurations on subcontainers. Update the enterprise {0} configuration instead of removing it. Ensure that the updated values of the {0} configuration are all valid. Remove the {0} configuration from the container to move, or mark the configuration in the destination as non-final.
BEEU-06052	The operation caused a naming conflict with another entity.	WARNING	A document already exists in this folder with the specified name; aborting due to the chosen conflict resolution mode.	The operation has not completed due to the conflict.	Choose a different name or a different conflict resolution mode.
BEEU-06053	A pending change conflict has occurred.	WARNING	The operation is in conflict with another pending change to this entity.	The operation has not completed due to the conflict.	Retry the operation or change the name of the document.
BEEU-06054	A error has occurred with the OperationContext.	WARNING	The OperationContext either does not exist or is not valid for this operation type. The OperationContext exists but is outdated since a conflicting operation has committed.	The operation has not completed due to the error.	Retry the operation with a valid OperationContext. Cancel the operation and try again.
BEEU-06055	Mandatory categories cannot be removed from an entity.	WARNING	The specified category was defined as a mandatory category in the effective category configuration for the parent container of the entity.	The specified category will not be removed from the specified entity.	Ensure that the category to be removed from the entity is not specified as being required in the effective category configuration for the parent container of the entity.

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06056	The specified category is not in the list of available categories of the effective category configuration of the entity.	WARNING	The specified category was not in the list of available categories as configured in the effective category configuration of the entity being categorized.	The specified category will not be applied to the specified entity.	Ensure that the category to be applied to the entity is in the list of available categories of the effective category configuration of the entity being categorized.
BEEU-06057	The delete of the directory failed.	WARNING	The directory cannot be deleted because document(s) imported from it to Beehive still remain.	The directory will continue to exist in Beehive.	Refrain from deleting the directory unless all documents imported from it in Beehive are first purged.
BEEU-06058	The update of the version failed.	WARNING	A version cannot be updated if it represents the working copy.	The version will not be updated.	Check the working copy in, and then update the version.
BEEU-06059	Invalid lock type specified	WARNING	Locking an entity with the given lock type is not allowed.	The requested operation cannot be performed.	Re-try with a different lock type.
BEEU-06061	Recordized entity.	WARNING	Entity is recordized.	The requested operation cannot be performed.	Operation permitted only once entity is un-recordized.
BEEU-06062	Delete organization with users.	WARNING	There are users under the organization or its sub-organizations.	The requested operation cannot be performed.	Please delete the users before deleting the organization.
BEEU-06063	Delete organization with sub-organizations.	WARNING	There are sub-organizations under the organization.	The requested operation cannot be performed.	Please delete the sub-organizations before deleting the organization, or use option "forceCascade" to force cascade deleting sub-organizations and workspaces if desired.
BEEU-06064	Delete organization with workspaces.	WARNING	There are workspaces under the organization.	The requested operation cannot be performed.	Please delete the workspaces before deleting the organization, or use option "forceCascade" to force cascade deleting sub-organizations and workspaces if desired.
BEEU-06065	Link copy/move error.	WARNING	The reference to the link is purged.	The copy/move operation on link failed.	Refrain from copying/moving this link.

Table 3–36 (Cont.) Workspaces

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06066	Delete personal workspace before workspace owner.	WARNING	The personal workspace owner is not deleted yet.	The requested operation cannot be performed.	Please double check if this is a mis-operation. Otherwise, please delete the personal workspace owner first.
BEEU-06070	Cannot delete workspace default wikipage.	WARNING	Wiki being deleted is a default workspace wikipage required by other services.	The specified wikipage will not be deleted.	Change the default workspace wikipage for that service to another wikipage and then re-try the delete operation.
BEEU-06071	Cannot move workspace default wikipage across scopes.	WARNING	Wikipage being moved is a default workspace wikipage required by other services.	The specified wikipage will not be moved.	Change the default workspace wikipage for that service to another wikipage and then re-try the move operation.

Workspaces Templates Error Codes

The following table lists error codes for Workspaces Templates.

Table 3–37 Workspaces Templates

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06200	Invalid workspace sub-group reference in template	WARNING	The specified template body id does not refer to a workspace sub-group template body ID.	The dependent entity will not be created. For example, if the reference is for a task participant, the task will not be created.	Specify a valid workspace sub-group template body ID.
BEEU-06201	Unsupported file parent in template	WARNING	A container other than a heterogeneous folder is specified as the parent of the file.	The file will not be created.	Specify a heterogeneous folder as the parent of the file.
BEEU-06202	Unsupported calendar parent in template	WARNING	A container other than a workspace is specified as the parent of the calendar.	The calendar will not be created.	Specify a workspace as the parent of the calendar.
BEEU-06203	Unsupported task list parent in template	WARNING	A container other than a workspace is specified as the parent of the task list.	The task list will not be created.	Specify a workspace as the parent of the task list.
BEEU-06204	failed to store workspace-to-default folder mapping	WARNING	Attempt to store mapping between a workspace and a default folder (e.g., INBOX) in database failed with the following error : {0}	The default folder will not be functional, e.g., emails may not be delivered to INBOX folder.	Contact system administrator. Additional information may be available in log files.
BEEU-06205	Current actor's identifier is null	WARNING	Attempt to retrieve current actor for user context failed.	Current operation was terminated.	Contact Oracle support.

Table 3–37 (Cont.) Workspaces Templates

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06206	template creation failed	WARNING	The following error was encountered during template creation: {0}	The template was not created.	Retry after correcting the error. Ask system administrator to check additional information about the underlying error printed out in log file.
BEEU-06207	template deletion failed	WARNING	The following error was encountered during template deletion: {0}	The template was not deleted.	Retry after correcting the error. Ask system administrator to check additional information about the underlying error printed out in log file.
BEEU-06208	template retrieval failed	WARNING	The following error was encountered during template retrieval: {0}	The template was not retrieved.	Retry after correcting the error. Ask system administrator to check additional information about the underlying error printed out in log file.
BEEU-06209	template update failed	WARNING	The following error was encountered while updating template: {0}	The template was not updated.	Retry after correcting the error. Ask system administrator to check additional information about the underlying error printed out in log file.
BEEU-06210	syntax error encountered in template	WARNING	Syntax error at line {0}, column {1} : {2}	The template was not created.	Retry after correcting the syntax error.
BEEU-06211	syntax error in workspace summary URI specified in workspace template	WARNING	The following syntax error was encountered in summary URI: {0}	The workspace was not created	Retry after correcting the syntax error. Ask system administrator to check additional information about the error printed out in log file.
BEEU-06212	failed to store template-to-entity mapping	WARNING	Attempt to store mapping between a template and a an entity created from it failed with the following error : {0}	The entity was not created.	Contact system administrator. Additional information may be available in log files.
BEEU-06213	failed to unmarshall template	WARNING	Attempt to unmarshall template failed with the following exception: {0}	The template was not unmarshalled.	Contact system administrator. Additional information may be available in log files.
BEEU-06214	failed to retrieve advanced template XML schema	WARNING	Attempt to retrieve advanced template XML schema failed with the following exception: {0}	The advanced template XML schema was not retrieved.	Contact system administrator. Additional information may be available in log files.

Table 3–37 (Cont.) Workspaces Templates

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-06215	the operation was partially successful	WARNING	Some of the steps executed during the operation failed.	Not all intended results of the operation will be available. For example, if the intended result of the operation was to create an entity, the entity may not be fully functional.	Contact system administrator. The details of exceptions encountered during the operation are printed out in log files.
BEEU-06216	a sub-operation failed causing partial success of the overall operation	WARNING	The following sub-operation failed causing partial success of the overall operation: {0}	The result of this sub-operation will not be available after the completion of the overall operation.	See nested exception for the cause of failure of this sub-operation.
BEEU-06217	Duplicate name	WARNING	An entity with the give name is reserved by some other user.	Cannot create the document/folder with the given name.	Please choose a different name.
BEEU-06219	The specified category parent predicate is invalid. Allowed values for the parent predicate are enterprise or other categories.	WARNING	The specified category parent predicate is invalid. Allowed values for the parent predicate are enterprise or other categories.	The category listing cannot be filtered based on the invalid parent predicate.	Ensure category parent predicate is valid.
BEEU-06220	The update of the label failed.	WARNING	Changing label type of this label is not allowed.	The label would not be updated.	Refrain from updating the label type of the label.
BEEU-06221	The update of the seeded label failed.	WARNING	Changing a seeded label is not allowed.	The label would not be updated.	Refrain from updating the label.
BEEU-06222	The update of the label application failed.	WARNING	Changing application type of this label application is not allowed.	The label application would not be updated.	Refrain from updating the application type of the label application.
BEEU-06223	The delete of the seeded label failed.	WARNING	Deleting a seeded label is not allowed.	The label would not be deleted.	Refrain from deleting the label.
BEEU-06224	attempt to delete or update a system-defined default workspace template	WARNING	An attempt was made to delete or update a system-defined default workspace template.	The workspace template was not modified.	A system-defined default workspace template cannot be deleted or updated.
BEEU-06225	Cannot create a container that is more than 90 levels deep.	WARNING	The requested operation would create a container that is more than 90 levels deep.	The requested operation cannot be performed.	Please create the container in a hierarchy that is less than 90 levels deep.

XMPP Protocol Service Error Codes

The following table lists error codes for XMPP Protocol Service.

Table 3–38 XMPP Protocol Service

Message ID	Display Name	Severity	Cause	Effect	Action
BEEU-02801	XMPP: Error in stream sent by client	SEVERE	XMPP: Error in stream, Invalid XML	XMPP: You have been disconnected	XMPP: Please Log-in again.
BEEU-02804	XMPP: Error caused by other services	WARNING	XMPP: Exception thrown by other services e.g UDS, AUTH	XMPP: Requested operation couldn't be performed	XMPP: Contact Administrator for this error.
BEEU-02805	XMPP: Internal server error	SEVERE	XMPP: internal server error, caused by some unexpected exception	XMPP: You have been disconnected.	XMPP: Please Log-in again.
BEEU-02806	XMPP: Recoverable error caused by erroneous xmpp MESSAGE packet sent by client	WARNING	XMPP: Some harmless erroneous tags/data in MESSAGE packet or packet is not RFC compliant	XMPP: Recieved MESSAGE packet had some erroneous data , ignoring the packet.	XMPP: To send the ignored packet again , correct it first and then repeat the operation.
BEEU-02807	XMPP: Recoverable error caused by erroneous xmpp IQ packet sent by client	WARNING	XMPP: Some harmless erroneous tags/data in IQ packet or packet is not RFC compliant	XMPP: Recieved IQ packet had some erroneous data , ignoring the packet.	XMPP: To send the ignored packet again , correct it first and then repeat the operation.
BEEU-02808	XMPP: Recoverable error caused by erroneous xmpp PRESENCE packet sent by client	WARNING	XMPP: Some harmless erroneous tags/data in PRESENCE packet or packet is not RFC compliant	XMPP: Recieved PRESENCE packet had some erroneous data , ignoring the packet.	XMPP: To send the ignored packet again , correct it first and then repeat the operation.

Oracle Beehive Property Reference

This module contains the following topics:

- [Introduction to Oracle Beehive Properties](#)
- [Component Properties](#)

Introduction to Oracle Beehive Properties

This section contains the following topics:

- [Common Oracle Beehive Component Management Commands](#)
- [Managing Oracle Beehive Component Properties](#)
- [Properties Described in This Module](#)
- [Common Properties](#)
- [Common Properties for ServiceInstances](#)

Common Oracle Beehive Component Management Commands

Table 4–1, "Component Management beectl Commands" lists beectl commands you are likely to use when managing Oracle Beehive components.

Note: For complete descriptions and syntax for these beectl commands, see [Chapter 2, "Oracle Beehive Command Line Utility"](#).

Table 4–1 *Component Management beectl Commands*

Command	Description
list_components	Lists the components in the configuration repository
list_connection_pools	Lists available connection pools in the system
list_properties	Fetches the value of the given property name for the given component ID. If property name is not specified then all the properties are listed
list_ports	Lists all ports in use (by the current Oracle Beehive server), including which component and property is using the port, and the protocol in use by that port

Table 4–1 (Cont.) Component Management beectl Commands

Command	Description
modify_port	Changes the port through which a service communicates. You must specify the protocol. If your port change affects a privileged port, you must take the additional steps in "Modifying Oracle Beehive Ports using Privileged Port Numbers" on page 4-8 when using this command
list_property_metadata	Lists the metadata about all the properties of a component
modify_property	Updates the value(s) for the named property for the component identified by <code>--component</code> . Multiple values can be set for one property
modify_secure_property	Updates the sensitive property of the object identified by the <code>--component</code>
list_statistics	Lists collected statistical information about the functioning of a given type of component
delete_property	Clears the value of specified property in the configuration object identified by specified ID

Managing Oracle Beehive Component Properties

This section describes `beectl` commands that are used for managing component parameters.

This section contains the following topics:

- [Modifying Oracle Beehive Component Properties](#)
- [Exporting Configuration Data](#)
- [Modifying Oracle Beehive Ports using Privileged Port Numbers](#)

Modifying Oracle Beehive Component Properties

Many Oracle Beehive components have lists of associated properties which are not directly exposed in an `beectl` command. Instead, you can set them by using the following common commands.

A subset of components are services. Each of the Oracle Beehive services has a system defined alias. The system defined alias is a unique name that you can use with most commands to identify a service for the purposes of configuration. All of the system defined aliases for Oracle Beehive services begin with an underscore character (`_`). For example, the E-Mail Service has a system defined alias of `_EmailService`.

In some cases, you may see a property which is itself used to contain properties (sub-properties). You can use the `beectl list_properties` command with the alias of the service or the name of the component and the name of such a property, with a colon character between them, to list the sub-properties.

For example, the E-mail Service has a property called "SMTPProperties". You can list its properties by using the `beectl list_properties` command:

```
beectl> list_properties --component _EmailService:SMTPProperties
```

You can review the names of all Oracle Beehive components by using the `beectl list_components` command:

```
beectl> list_components
```

All of the Oracle Beehive components are listed.

For each service, prepend an underscore to the Component Type to get the service system alias. For example, the Component Type "EmailService" has a system alias of `_EmailService`.

Note:

The `list_properties` command works on any Oracle Beehive system object. The `--component` value is case-insensitive, and will take as valid any identifier of a system object, any system object alias, or any user-defined alias.

User-defined aliases are modifiable properties of any system object, with the property name of `Alias`. Generally in Oracle Beehive documentation the system defined alias or component ID is used in examples, but you may always substitute a user defined alias in the `--component` of a `beectl` command

To set a property using `beectl`, use the following procedure:

1. Use the `beectl list_properties` command to get the list of all properties for the component you want to configure. Each property is listed by name, along with its current value:

```
beectl> list_properties --component _EmailService:SMTPProperties
```

In this example, the name of the E-Mail Service SMTP component is entered, with the E-mail Service system alias, to get properties for the SMTP Server component.

2. Use the `beectl modify_property` or `delete_property` commands to make the desired change to the property you specify:

```
beectl> modify_property --component _EmailService:SMTPProperties --name
<property_name> --value <new value>
```

In this example, the value of an SMTP Server property is modified to a new value. It is an absolute replacement of the property value.

However, if it is a list of values that is to be changed, the syntax should be:

```
beectl modify_property --component <oc4j>:StartJavaExecutionArguments --name
AdditionalOptions --value=<value1> --value=<value2> --value=<value3>
--value=<valueNNN> --activate_configuration
```

Note: Line breaks have been inserted in the following example for better readability.

```
beectl modify_property
--component _CURRENT_SITE:Database
--name AffinityServiceNames
--value "(DESCRIPTION=
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=TCP) (HOST=host1.example.com) (PORT=1521)))
  (CONNECT_DATA=(SERVER=DEDICATED) (SERVICE_NAME=afserv1.example.com)))"
--value "(DESCRIPTION=
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=TCP) (HOST=host2.example.com) (PORT=1521)))
  (CONNECT_DATA=(SERVER=DEDICATED) (SERVICE_NAME=afserv2.example.com)))"
--value "(DESCRIPTION=
```

```
(ADDRESS_LIST=
  (ADDRESS=(PROTOCOL=TCP) (HOST=host3.example.com) (PORT=1521)))
(CONNECT_DATA=(SERVER=DEDICATED) (SERVICE_NAME=afserv3.example.com))) "
--value "(DESCRIPTION=
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=TCP) (HOST=host4.example.com) (PORT=1521)))
    (CONNECT_DATA=(SERVER=DEDICATED) (SERVICE_NAME=afserv4.example.com))) "
```

Note: Running the following command will clear all existing values for the additional options, including the `XX:CompileCommand=exclude,oracle/ocs/cspi/OcsExceptionMetadata.bind` type values

```
beectl modify_property -component
<oc4j>:StartJavaExecutionArguments --name
AdditionalOptions -revert_to_default
```

Caution: If you are changing any port number to a privileged port (a port number below 1024) on a UNIX or Linux installation, you must first perform a special procedure, and then change the port. First follow the special procedure in "[Modifying Oracle Beehive Ports using Privileged Port Numbers](#)" on page 4-8, and then follow the procedure below to change the port.

3. Whenever you change a property in Oracle Beehive, you are making an alteration to the proposed configuration. You must activate a proposed configuration before changes you have made are actually applied to the running Oracle Beehive deployment. When you are done making configuration changes, activate the proposed configuration using the `beectl activate_configuration` command:

```
beectl> activate_configuration
```

This command saves your proposed configuration, performs a background validation of the configuration, and then activates it.

You can also append the `--activate_configuration` option to any `beectl` command, causing the system to perform these steps automatically on command completion. The syntax is:

```
beectl append_value --component <component> --name <property name>
--value=<value1> --activate_configuration
```

Above command will add on to the existing property value.

You can review information about various proposed and applied system configurations by using the `beectl list_configuration_versions` command

4. If you modify any of the properties in [Table 4-2, " Properties Requiring beectl modify_local_configuration_files when changed"](#) on page 4-5, you must also run the `beectl modify_local_configuration_files` command.
5. In the following cases, you must also restart a service, component, or the entire deployment, using the `beectl restart` command:
 - Changing the database connection pool requires a full restart of Oracle Beehive (**bug 6335906**)

- Changing the Instant Message Service's `XmppPort` or `XmppSslPort` properties requires that you restart the affected component
- Changing the `DeliveryPoolSize` parameter of the Message Delivery Service requires you to restart all affected Message Delivery Service instances

See also: For a reference on using the `beectl` command-line interface, see [Chapter 2, "Oracle Beehive Command Line Utility"](#).

Table 4–2 *Properties Requiring `beectl` modify_local_configuration_files when changed*

Component	Property
AuthenticationService	SsoType SsoLogoutUrl UseJazn WnaEnabled WnaKeytab WnaPrincipal OsoConfigFile AuthStoreType SsoType LoginAttempts LockoutTime UseSecureCookie WsSecuritySamlEnabled WsSecuritySigKeyAlias WsSecuritySigKeyPwd WsSecurityExpiry
BeehiveInstance	LogBaseDir WalletDir WalletPassword KeystoreFile KeyStoreFilePassword
Bti	ControlPort (CtrlPort) Status StartJavaExecutionArguments StopJavaExecutionArguments
Database	ConnectDescriptor XaServiceNames OnsNodeConfiguration
Database.AccessSchema	UserName Password

Table 4–2 (Cont.) Properties Requiring `beectl modify_local_configuration_files` when

Component	Property
Database.ConnectionPool	ConnectionProperties MaxConnections MinConnections InitialConnections MaxStatementsLimit ConnectTimeout InactivityTimeout TimeToLiveTimeout AbandonedConnectionTimeout PropertyCheckInterval ConnectionWaitTimeout LowerThresholdLimit
HttpServer	HttpSslListenPort HttpListenPort OsUser OsGroup Timeout ServerAdmin MaxClients ServerRoot DocRootLimitExcept KeepAliveTimeout SSLLogLevel LogLevel Status
HttpServerCluster	HttpServerSslEnabled SslTerminatedByLoadBalancer
LdapServer	LdapServerHostName LdapServerPort LdapServerSslPort SslEnabled LdapServerUser LdapServerPassword UserSearchBase GroupSearchBase UserObjectClass GroupObjectClass PrimaryAuthenticationAttribute DirectoryType

Table 4–2 (Cont.) Properties Requiring `beectl modify_local_configuration_files` when

Component	Property
ManagedOc4j	AdminPassword Status AjpPortMaxValue AjpPortMinValue RmiPortMaxValue RmiPortMinValue RmisPortMaxValue RmisPortMinValue JmsPortMaxValue JmsPortMinValue JGroupPortMaxValue JgroupPortMinValue StartJavaExecutionArguments StopJavaExecutionArguments
ManagedOc4jCluster	AjpsEnabled AdminPassword OrmisEnabled
Opmn	RequestPort RemotePort LocalPort
OpmnCluster	NotificationServerSslEnabled Opmns
Server	PrimaryHostName SipListenerIPAddress
SipContainer	SipPortMaxValue SipPortMinValue SipEnabled
Site	LanguagePack ClusteringEnabled SsoKeyAlias
VirtualServer	HttpPort HttpSslPort ServerName

Exporting Configuration Data

You may export the entire system model configuration data into an XML file for any given configuration version with the `beectl export_configuration_data` command.

You may provide your Oracle support representative the output from this command. This will help your representative investigate any problems with your Oracle Beehive deployment faster. You may also use the output of from this command to compare the

configuration between different Oracle Beehive deployments, such as between a test and a production deployment.

Note: For security reasons, secure values do not appear in the output of the `beectl export_configuration_data` command.

Modifying Oracle Beehive Ports using Privileged Port Numbers

You have the option of configuring various Oracle Beehive components to use privileged ports (ports below 1024) on UNIX and Linux based deployments. For example, the standard port for the IMAP service is port 143.

Any time you modify a port, and the new port number is a privileged port, you must perform the following procedure. Perform this procedure first, and then make the port change. You must perform this procedure when you change from a non-privileged port to a privileged port, and when you change from one privileged port to another privileged port.

If you have previously performed this procedure, you can skip to step 4:

1. From the command line, navigate to the following file:

```
$_ORACLE_HOME/bee hive/bin/hasbind
```

2. Using the `sudo` command, set the owner of the file to root, and modify the permissions on the file:

```
sudo chown root hasbind
sudo chmod a+sx hasbind
```

The file should have the following permissions (the file date and group will be different):

```
-rws--s--x  1 root  g900  31395 Jun 18 14:01 hasbind
```

3. Then create a file `/etc/cap.ora`. It must be owned by root and should be read-only for everybody except root:

```
-rw----r--  1 root root  34 Jun 18 14:05 /etc/cap.ora
```

4. Edit the `/etc/cap.ora` file, so that it contains a single line, like the following:

```
cat /etc/cap.ora
+user <user>: bind port 25,143
```

Replace `<user>` with the software owner (the user used to install Oracle Beehive). List each privileged port you will configure an Oracle Beehive service to use, separated by commas. If you are changing from one privileged port to another privileged port, you can delete the port number that will become unused, to release it.

5. You may now configure Oracle Beehive components to use the privileged ports you have designated in the `cap.ora` file. Follow the procedure for changing ports as normal.

Properties Described in This Module

This module describes the properties for the following components:

Table 4–3 Components

Component	Properties
Common Properties: These properties are common to all components	Alias, LightweightThreadCount, LoggingProperties, ServiceApplication, ServiceInstances, Site, Status
Common Properties for ServiceInstances: These properties are common to all ServiceInstances	J2eeApplicationName, LightweightThreadPriority, Oc4j
AccessControlService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
AlarmService	Database, DatabaseRetryIntervalList, DefaultExpiryTime, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ApplicationImage	EarFileName, ServiceInterface
AuditService	Database, DatabaseRetryIntervalList, LogLevel, LogonRecordDuration, ReadOnlyDBAccessEnabled, RecordsPurgeEnabled, RecordsRetentionPeriod, UdsCacheDisabled
AuthenticationService	AuthStoreType, AuthenticationPlugins, AuthenticationRealm, Database, DatabaseRetryIntervalList, JsoSessionTimeout, LockoutTime, LogLevel, LoginAttempts, OssoConfigFile, PostAuthClientInfoUpdatesDisabled, ReadOnlyDBAccessEnabled, S2SIdentities, SAMLRegistrationMap, SsoLogoutUrl, SsoType, TokenTimeout, UdsCacheDisabled, UseJazn, UseSecureCookie, UseSecureHash, WsSecurityExpiry, WsSecuritySamlEnabled, WsSecuritySigKeyAlias, WsSecuritySigKeyPwd
AuthenticationService.AuthenticationPlugin	AuthenticationType, Enabled, PluginProperties, QualifiedClassName
BdkService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, RestProperties, SoapProperties, UdsCacheDisabled
BdkService.RestProperties	PrivateProperties, PublicProperties
BdkService.RestProperties.PrivateProperties	NotificationQueuePollConcurrencyLimit, StreamBufferSize, TempFileStore
BdkService.RestProperties.PublicProperties	DebugModeEnabled, MaxBatchSize, NotificationQueuePollTimeout, NotificationQueueSuspendThreshold, NotificationSessionTTL, PresenceConnectionsLimit
BdkService.SoopProperties	DebugMode, MaxRequestSize
BeeCentralService	Database, DatabaseRetryIntervalList, Dial8HintLocaleStrings, EnableDownloadCenter, HelpLink, LogLevel, ReadOnlyDBAccessEnabled, SmsOptInHintLocaleStrings, UdsCacheDisabled
BeehiveConferencingService	ConfJavaDeployJavaURL, ConfJavaJNLP, ConferenceClientDownloadLocationMac, ConferenceClientDownloadLocationWin, Database, DatabaseRetryIntervalList, EnableDownloadCenter, HelpLink, JREDownloadURL, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
BeehiveInstance	AvailableNumberOfProcessors, AvailablePhysicalMemoryInMB, BeehiveInstanceName, Bti, DiagnosabilitySettings, HttpServer, KeystoreFile, KeystoreFilePassword, LogBaseDir, Oc4jInstances, Opmn, OracleHome, Server, WalletDir, WalletPassword
BeehiveJ2eeApplication	No other unique properties exist

Table 4–3 (Cont.) Components

Component	Properties
BeekeeperService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
Bti	BeehiveInstance, BtiProcessPingTimeout, ClientWorker, CtrlPort, LogDir, Redirector, ServerPort, ServerWorker, StartJavaExecutionArguments, StopJavaExecutionArguments
BtiClientWorker	AdditionalExecArgs, Bti, NumberOfWorkers
BtiComponent	AdditionalExecArgs
BtiGlobal	BackendSecurityMode, ClientPort, SecureClientPort
BtiRedirector	AdditionalExecArgs, Bti
BtiServerWorker	AdditionalExecArgs, Bti, NumberOfWorkers
CalDAVService	CollectionBrowsingEnabled, Database, DatabaseRetryIntervalList, DefaultFutureTimePeriodInDay, DefaultPastTimePeriodInDay, ISchedule, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
CalDAVService.ISchedule	Enabled, NoProxyFor, ProxyAuthId, ProxyAuthKey, ProxyHost, ProxyPort, ProxyType, Servers
CalDAVService.ISchedule.Server	DomainRegex, IncomingAllowHostRegex, IncomingAllowIPRegex, IncomingAuthId, IncomingAuthKey, IncomingAuthMethod, Name, OutgoingAuthId, OutgoingAuthKey, OutgoingUrl
ClientManagementService	Database, DatabaseRetryIntervalList, DebugMode, LogLevel, NotificationQueueResumeThreshold, NotificationQueueSuspendThreshold, OutputFrameSize, ReadOnlyDBAccessEnabled, SessionTimeout, StreamReadBufferSize, StreamWriteBufferSize, TraceEnabled, UdsCacheDisabled
CoexistenceService	CoexistenceEnabled, ConnectorProperties, ContactProperties, Database, DatabaseRetryIntervalList, FreeBusyProperties, LogLevel, MeetingProperties, MessageProperties, ReadOnlyDBAccessEnabled, RequestSenderEnabled, TaskProperties, UdsCacheDisabled
CoexistenceService.ClusteredTaskProperties	No other unique properties exist
CoexistenceService.ConnectorProperties	SmtpServerHostName, SmtpServerPort
CoexistenceService.ContactProperties	AttachmentMaxSizeInKiloByte
CoexistenceService.ContainerSpecificProperties	AttachmentMaxSizeInKiloByte
CoexistenceService.DominoProperties	SmtpServerHostName, SmtpServerPort
CoexistenceService.ExchangeProperties	SmtpServerHostName, SmtpServerPort
CoexistenceService.ExpertiseProfilingProperties	AttachmentMaxSizeInKiloByte
CoexistenceService.FreeBusyProperties	FutureTimePeriodInDay, PastTimePeriodInDay
CoexistenceService.InstanceTaskProperties	No other unique properties exist
CoexistenceService.MeetingProperties	AttachmentMaxSizeInKiloByte, ImportDataFutureTimePeriodInDay, ImportDataPastTimePeriodInDay

Table 4–3 (Cont.) Components

Component	Properties
CoexistenceService.MessageProperties	AttachmentMaxSizeInKiloByte, ImportDataFutureTimePeriodInDay, ImportDataPastTimePeriodInDay
CoexistenceService.ServiceManagerProperties	No other unique properties exist
CoexistenceService.TaskProperties	AttachmentMaxSizeInKiloByte, ImportDataFutureTimePeriodInDay, ImportDataPastTimePeriodInDay
CompositeStateManageable	No other unique properties exist
ConferenceMonitoringService	ClientConnectInfo, Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ConferenceService	Database, DatabaseRetryIntervalList, DefaultDialoutCallTimeout, DefaultParticipantCodec, DefaultSipRegistrationExpiresInterval, LogLevel, OwcHostWaitSessionTimeout, OwcLogFlushPeriod, OwcMediaHostServiceBusAddressPrefix, OwcMediaHostServiceLoadBalanceBusAddressSuffix, OwcRosterServiceBusAddressPrefix, OwcRosterServiceLoadBalanceBusAddressSuffix, OwcUseRemoteMediaSessions, ReadOnlyDBAccessEnabled, SIPSTNGatewayIPAdress, SIPSTNGatewayPort, SipRegistrationEnabled, UdsCacheDisabled
ConferenceSessionService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ConnectionPoolConsumer	No other unique properties exist
CustomService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
Database	AccessSchemas, AffinityPool, AffinityServiceNames, BusinessDataServiceName, ConfigServiceName, ConnectDescriptor, DefaultAccessSchema, DefaultNonXaPool, DefaultXaPool, DiagnosabilityServiceName, EventListenerServiceName, OnsNodeConfiguration, ParentDatabase, ReadOnlyBusinessDataServiceName, SearchServiceName
Database.AccessSchema	BusinessDataSupported, ConfigDataSupported, DiagnosticDataSupported, EventListenerDataSupported, Password, ReadOnlyBusinessDataBaseSupported, SearchDataSupported, UserDataSupported, UserName
Database.AffinityPool	AbandonedConnectionTimeout, ConnectTimeout, ConnectionProperties, ConnectionWaitTimeout, InactivityTimeout, InitialConnections, LowerThresholdLimit, MaxConnections, MaxRetryAttemptLimit, MaxRetryTimeLimit, MaxStatementsLimit, MinConnections, PropertyCheckInterval, ReadTimeout, ServiceStatusCheckInterval, StatusChangeErrorThreshold, TimeToLiveTimeout, ValidateConnection
Database.ConnectionPool	AbandonedConnectionTimeout, ConnectTimeout, ConnectionProperties, ConnectionWaitTimeout, InactivityTimeout, InitialConnections, LowerThresholdLimit, MaxConnections, MaxRetryAttemptLimit, MaxRetryTimeLimit, MaxStatementsLimit, MinConnections, PropertyCheckInterval, ReadTimeout, TimeToLiveTimeout, ValidateConnection
DeletedSystemObject	No other unique properties exist

Table 4–3 (Cont.) Components

Component	Properties
DeviceManagementService	BlockedDevices, Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled, UncertifiedDeviceAllowed
DeviceManagementService.BlockedDevice	Description, DeviceId
DiagnosabilitySettings	BaseErrorCodeProperties, ContextProperties, ErrorCodeDBPersistenceEnabled, ErrorCodeDBProperties, ErrorCodeLoggingProperties, ProbeEnabled, ProbeProperties
DiagnosabilitySettings.ContextProperties	IncludeCallerStacks, PropagationEnabled
DiagnosabilitySettings.ErrorCodeProperties	ExcludedErrorCodes, IncludeStackTraces, IncludedErrorCodes, LoggingSeverity, ReportingSeverityThreshold, UploadInterval
DiagnosabilitySettings.ProbeProperties	LightWeightEnabled, MaxSize, PersistenceInterval, StorageLocation
DiscussionsService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
EmailService	CSIProperties, CoexUserLocal, Database, DatabaseRetryIntervalList, DirectoryCacheTTL, GlobalDomainName, IMAPEnabled, IMAPPProperties, LocalEmailPatterns, LogLevel, MaxDirectoryCacheEntries, MaxMailSz, NonLocalEmailPatterns, PersistenceProperties, ReadOnlyDBAccessEnabled, SMTPEnabled, SMTPProperties, SaveParseErrorEmails, SortByAddressOnly, SubjectSortingGroupingRules, SubjectSortingReplacementRules, TimeoutCheckingInterval, TransportProperties, UdsCacheDisabled
EmailService.CSIProperties	MaxLoadCount, StreamBufferSize, StreamMaxReadChunkSize, StreamMaxWriteChunkSize, StreamPreFetchSize, StreamTimeout, VMSProperties
EmailService.EndpointProperties	EndpointName, EndpointScheme
EmailService.IMAPPProperties	AssumeSingleEndpoint, CacheMessageSize, ClientKeepAliveInterval, EndpointPropertiesList, FolderCacheDirectory, FolderOpenBatchSize, FolderPollingInterval, FolderSyncBatchSize, LoginErrorThreshold, MaxFolderCacheSize, MaxSessions, MessageLoadBatchSize, ParseErrorThreshold, Port, ProtocolLoggingEnabled, ServerSessionConcurrency, SessionTimeout, ShowInstanceNameInBanner, StreamReadBufferSize, SurrogateAuth, TlsMandatory, UseTls
EmailService.PersistenceProperties	CopyBatchSize, DbConnRetry, DeleteBatchSize, DurableFileRoot, MoveBatchSize, PldStoreCacheLinger, PldStoreCleanupInterval, PldStoreMaxMemCachedRecords, PldStoreMaxOpenFDs, PldStoreRecordCacheSz, PldStoreStreamBufSz, TempFileRoot, UndeleteBatchSize, UpdateFlagsBatchSize
EmailService.SMTPProperties	AssumeSingleEndpoint, Authentication, DSNEabled, EndpointPropertiesList, Port, ProtocolLoggingEnabled, RelayProtocolLoggingEnabled, SendMailEvenIfNoTls, ServerSessionConcurrency, UseTls, VMSEvaluatorTopLevel, VMSPropertiesList

Table 4–3 (Cont.) Components

Component	Properties
EmailService.SMTPProperties.VMSPProperties	AuthMandatory, CustomDisplayName, CustomDomainName, CustomProductVersion, LogAllExceptions, MaxAbortedTransitionsPerSession, MaxBadTransitionsPerSession, MaxCommandLineSize, MaxRcptsPerTx, MaxRejectedAddressesPerSession, MaxSizeBeforeAttackSuspected, MaxSzAbortTx, MaxUselessCommandsPerSession, NextCommandTimeout, NextDataChunkTimeout, QuitWriteTimeout, RecipientMatcherTopLevel, RejectAll, SenderMatcherTopLevel, ShowInstanceNameInBanner, SuppressReceivedFrom, SuppressResponseText, TlsMandatory, UseDefaultDisplayName, UseDefaultDomainName, UseDefaultMaxSz, UseDefaultProductVersion, VMSName
EmailService.TransportProperties	AcceptInvalidLocalUsers, DeliveryConcurrency, DeliveryTopLevel, InMemoryQueueSize, KeepAliveInterval, LocalDeliveryBatchSize, MaxReceivedHeaders, MaxRetryPeriod, MaximumDBMessageQueuePercentage, MinimumDBMessageQueuePercentage, MsgTerminusTopLevel, PreResolutionTopLevel, ProcessingEnabled, QueuePollInterval, RelayServer, ResolutionTopLevel, RetryInterval, SMTPDeliveryBatchSize, SMTPDeliveryCheckpoint, ScanOnUpload, SentEmailPluginEnabled, SimpleRelayMode, ThreadPoolSize
Enterprise	CollabId, Name
EventService	AsyncActionRetryCount, AsyncActionRetryInterval, AsyncLogLevel, Database, DatabaseRetryIntervalList, LogLevel, MaxThreadPoolSize, PreEvaluateThresholdRuleCount, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ExpertiseService	ActiveLanguages, Database, DatabaseRetryIntervalList, EnableExpertiseRequestExpiration, ExpertiseRequestExpirationInterval, LogLevel, MaxArtifactSize, MaxNumPublicTermsPerProfile, MaxNumTermsPerProfile, MaxNumUsersForBrokeredRequest, NumDaysFetchContent, NumProfilerParallelRuns, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ExternalJ2eeApplication	AdminPassword, AdminUsername, Hostname, Oc4jName, OpmnRequestPort
FaxMessageService	Database, DatabaseRetryIntervalList, DebugFlags, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
FtpService	ActiveModeEnabled, ChannelSecurity, DMSInstrumentation, DataConnectionPort, Database, DatabaseRetryIntervalList, DefaultCommandCharacterSet, DefaultDataPort, FtpServerEnabled, InternalIP, ListeningPoint, LogLevel, MaxDCPortCount, Port, ReadOnlyDBAccessEnabled, SessionTimeout, UdsCacheDisabled, UploadBufferSize
HasHelpLink	HelpLink
HttpServer	BeehiveInstance, DocRootLimitExcept, HttpListenPort, HttpServerCluster, HttpSslListenPort, KeepAliveTimeout, LockFile, LogLevel, MaxClients, OsGroup, OsUser, SSLLogLevel, ServerAdmin, ServerRoot, Timeout
HttpServerCluster	HttpServerSslEnabled, HttpServers, ModOc4jMaxErrors, SslTerminatedByLoadBalancer
IdMap	Map

Table 4–3 (Cont.) Components

Component	Properties
IdentityProviderService	Database, DatabaseRetryIntervalList, IdpSAMLIdentity, IdpUrl, LogLevel, ReadOnlyDBAccessEnabled, SpSAMLIdentity, SpUrl, UdsCacheDisabled
ImService	ArchivingEnabled, ChatRoomTranscriptsOn, ChatRoomXhtmlFormattingOn, Database, DatabaseRetryIntervalList, ImBufferStageSize, ImEndPointDeathDetectionTime, ImOfflinePurgingPeriodTimer, ImpurgingPeriodTimer, LogLevel, MaxRoomCount, MaxUsersInRoom, OnlyPasswordProtectedRooms, PendingMessagesLimit, ReadOnlyDBAccessEnabled, ReplayMessageHistoryOnJoin, UdsCacheDisabled
IrmService	ClassificationId, ClassificationLabelDescription, ClassificationLabelName, ClassificationLocale, ClassificationSystemId, ContentLabelDescription, ContentLabelLocale, ContentLabelName, Database, DatabaseRetryIntervalList, DesktopSyncURI, DesktopURI, IrmDesktopServiceEndPoint, IrmSealingServiceEndPoint, IrmUserName, IrmUserPassword, KeySetUUID, LicenseExpirationTime, LogLevel, ReadOnlyDBAccessEnabled, RequiresHttpAuth, RequiresHttps, SystemLabelDescription, SystemLabelLocale, SystemLabelName, UdsCacheDisabled
JavaExecutionArguments	AdditionalOptions, InitialHeapSizeInMB, InitialPermanentGenerationSizeInMB, MaximumHeapSizeInMB, MaximumPermanentGenerationSizeInMB
JcrServletService	AuthenticationScheme, Database, DatabaseRetryIntervalList, JCRServerEnabled, JcrSessionTimeout, LogLevel, MaxDownloadBufferSize, ReadOnlyDBAccessEnabled, UdsCacheDisabled, UploadBufferSize
LdapServer	DigestAuthenticationAttribute, DirectoryType, GroupObjectClass, GroupSearchBase, LdapServerConnectionPoolMaxSize, LdapServerConnectionTimeout, LdapServerHostName, LdapServerPassword, LdapServerPort, LdapServerSslPort, LdapServerUser, PrimaryAuthenticationAttribute, PrimaryAuthenticationCredential, ProtocolAuthenticationAttribute, ProtocolAuthenticationCredential, SslEnabled, UserObjectClass, UserSearchBase, VoiceAuthenticationAttribute, VoiceAuthenticationCredential
LoggingConfigurable.LoggingProperties	BaseLogLevel, MaxFileSize, MaxLogSize, ModuleLogLevel, RotationFrequency
ManagedOc4j	AdminPassword, AdminUsername, AjpPortMaxValue, AjpPortMinValue, Applications, BeehiveInstance, Database, HttpThreadPoolConfiguration, JGroupPortMaxValue, JGroupPortMinValue, JcaThreadPoolConfiguration, JmsPortMaxValue, JmsPortMinValue, ManagedOc4jCluster, Oc4jName, PseudoTranslationEnabled, PseudoTranslationStrategy, ResourceAdapterInstances, RmiClientTimeout, RmiConnectionThreadPoolConfiguration, RmiLookupTimeout, RmiPortMaxValue, RmiPortMinValue, RmiRequestThreadPoolConfiguration, RmisPortMaxValue, RmisPortMinValue, SipContainer, StartJavaExecutionArguments, StopJavaExecutionArguments, SystemThreadPoolConfiguration
ManagedOc4jCluster	AdminPassword, AjpsEnabled, ManagedOc4js, OrmisEnabled
ManagedOc4jCluster.HealthMonitorProperties	No other unique properties exist

Table 4–3 (Cont.) Components

Component	Properties
ManagementService	AutoSyncSaveListenerSleepIntervalInSeconds, AutoSyncSaveListenerTimeoutInSeconds, Database, DatabaseRetryIntervalList, ExportConfigurationEnabled, LocalFileSyncEnabled, LogLevel, LogSearchMaximumResults, LogSyncEnabled, LogUploadFilter, LogUploadInterval, ReadOnlyDBAccessEnabled, StabilityMonitorProperties, SystemDataCollectorProperties, UdsCacheDisabled, UploadLevel
ManagementService.StabilityMonitorProperties	StabilityMonitorEnabled
ManagementService.SystemDataCollectorProperties	CollectionInterval, CollectorEnabled, SystemDataFileRotationInterval, SystemDataFileRotationSize
MimService	AutoOfflineTimeAfterClientDisconnect, Database, DatabaseRetryIntervalList, LogLevel, MaxInvalidLoginAttempt, ReadOnlyDBAccessEnabled, UdsCacheDisabled, UnauthConnectionLiveTime
MobileDmService	Database, DatabaseRetryIntervalList, LogLevel, MaxClientConnections, MaxInvalidAttempts, ReadOnlyDBAccessEnabled, TtlAuthenticated, TtlUnauthenticated, UdsCacheDisabled
NamedSystemObject	Name
NotificationDeliveryService	ActionAskSettings, Database, DatabaseRetryIntervalList, DeliveryPoolSize, LogLevel, MaxDeliveryStatusAge, MaxTrackingAge, ReadOnlyDBAccessEnabled, SmsSettings, SystemUserName, UdsCacheDisabled, XmsSettings
NotificationDeliveryService.ActionAskSettings	ActionableEmailsNotificationDisabled, ActionableIMsNotificationDisabled, ActionableNotificationReplyDisabled, ActionableNotificationUser, ActionableSMSNotificationDisabled, ProcessingPoolSize, UserCacheSize
NotificationDeliveryService.SmsSettings	MaxSmsChunks, ShortCode, ShortCodeType, SmartMessageCharacterCount, SmsMode
NotificationDeliveryService.WebProxySettings	Enabled, ProxyHostName, ProxyPassword, ProxyPort, ProxyUserName
NotificationDeliveryService.XmsSettings	WebProxySettings, XmsPassword, XmsServiceUrl, XmsUserName
ObjectEventPublisherService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
Oc4j	AdminPassword, AdminUsername, Applications, Database, Oc4jName, PseudoTranslationEnabled, PseudoTranslationStrategy, ResourceAdapterInstances, RmiClientTimeout, RmiLookupTimeout

Table 4–3 (Cont.) Components

Component	Properties
OmaService	CalendarSyncEnabled, ContactsSyncEnabled, Database, DatabaseRetryIntervalList, DbLogKeepDays, DeviceMetaDataCacheSize, DsSessionCacheSize, EmailNumberLimit, EmailSyncEnabled, EntitiesPerBulkLoad, EntitiesPerContactBulkLoad, EntitiesPerEmailBulkLoad, EntitiesPerEventBulkLoad, EntitiesPerNoteBulkLoad, EntitiesPerTaskBulkLoad, EventSyncRangeValidationThreshold, LogLevel, LogSyncmlForUsers, MaxConcurrentRequests, MaxConcurrentSessions, MaxConcurrentSlowSyncs, MaxMessageSize, MaxObjectSize, MaxSyncRangeBack, MaxSyncRangeForward, Md5Required, Md5Supported, NotesSyncEnabled, OmaDsEnabled, ReadOnlyDBAccessEnabled, ResumeEnabled, RetriesWhenDbUnavailableDelayInMilliSec, SessionLogRequired, SessionTimeout, SyncmlLogRequired, TaskSyncRangeValidationThreshold, UdsCacheDisabled
OmsResourceAdapter	ResourceAdapterImage, ResourceAdapterInstances
OmsResourceAdapterInstance	ResourceAdapter
Opmn	BeehiveInstance, LocalPort, OpmnCluster, RemotePort, RequestPort
OpmnCluster	NotificationServerSslEnabled, Opmns
OwcStreamingService	Database, DatabaseRetryIntervalList, HttpTunnelingEnabled, HttpTunnelingPort, LogLevel, MaxHttpTunnelingClientsAllowed, MaxRtmpClientsAllowed, MaxRtspClientsAllowed, ReadOnlyDBAccessEnabled, RtmpEnabled, RtmpPort, RtspEnabled, RtspPort, ServiceName, UdsCacheDisabled
PolicyService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
PresenceService	ActivityStartTimeThreshold, CacheSize, Database, DatabaseRetryIntervalList, LogLevel, PollInterval, PublicPresenceEnabled, ReadOnlyDBAccessEnabled, UdsCacheDisabled
PushMailService	Database, DatabaseRetryIntervalList, HeartbeatInterval, IMAPConnLiveTime, LogLevel, MaxConcurrentUsers, MaxInboxMessages, MaxMessageSize, NumberDaysPast, ReadOnlyDBAccessEnabled, UdsCacheDisabled
PushService	APNSSettings, Database, DatabaseRetryIntervalList, LogLevel, MaxClientConnections, MaxInvalidAttempts, MaxTruePushClientConnections, ReadOnlyDBAccessEnabled, TtlUnauthenticated, UdsCacheDisabled
PushService.APNSSettings	APNSEnabled, APNSHostName, APNSKeyStoreContents, APNSPort, ProxyEnabled, ProxyHostName, ProxyPassword, ProxyPort, ProxyUserName
RecordsManagementService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled, Urm
RemoteContentService	Database, DatabaseRetryIntervalList, DiskSpoolDirectory, KeystoreAlias, KeystoreAliasPassword, KeystoreFile, KeystorePassword, LogLevel, MaxDiskSpoolSpace, ReadOnlyDBAccessEnabled, UCMConnectionTimeout, UCMDefaultSearchMaxResults, UCMMaxConnections, UdsCacheDisabled, WebDAVMaxConnPerHost, WebDAVMaxTotalConns
RemoteSite	No other unique properties exist
ResourceAdapter	ResourceAdapterImage, ResourceAdapterInstances

Table 4–3 (Cont.) Components

Component	Properties
ResourceAdapterImage	RarFileName, ResourceAdapterInterface
ResourceAdapterInstance	ResourceAdapter
ResourceDirectoryService	AllResourcesReadableByAll, Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, SearchSizeLimit, UdsCacheDisabled
RmServletService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
SAMLIdentity	KeyAlias, Service
SearchService	AttachmentMimetypeBlackList, CaptureChanges, ChangeCaptureUserList, CrawlJobMaxNapTime, CrawlJobThreshold, Database, DatabaseRetryIntervalList, IndexFragmentationThreshold, IndexJobMaxNapTime, IndexJobThreshold, IndexOptimizationInterval, IndexOptimizationMaxTime, IndexOptimizationStartDate, LogLevel, MaxResults, MaxSnippetEntitySize, MdataOptimizationInterval, ParallelQueryDegree, ParallelQueryPoolSize, ReadOnlyDBAccessEnabled, SearchDisclaimerText, UdsCacheDisabled, WildcardChar
Server	AlternateHostNames, BeehiveInstances, PrimaryHostName, SipListenerIPAddress
Service	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
SesEndptService	Database, DatabaseRetryIntervalList, Host, LogLevel, MaxNoUsersContainsOper, Port, ReadOnlyDBAccessEnabled, SesEndptServiceEnabled, SesTrustedEntityMap, UdsCacheDisabled
SipContainer	ManagedOc4j, SipEnabled, SipPortMaxValue, SipPortMinValue
SipGateway	GatewayIPAddress, GatewayPort, SipGatewayCluster
SipGatewayCluster	SipGateways
Site	BeehiveRootLogger, BtiGlobalConfiguration, BusinessDatabase, CipherKey, ClusteringEnabled, ConfigurationDatabase, Database, DatabaseRetryIntervalList, DiagnosabilitySettings, DiagnosticDatabase, EnterpriseId, Enterprises, EventListenerDatabase, HttpServerCluster, LanguagePack, LdapServer, ManagedOc4jCluster, Name, OpnmCluster, ReadOnlyBusinessDatabase, RemoteSites, ResourceAdapters, SearchDatabase, Servers, Services, SipGatewayCluster, SiteId, SsoKeyAlias, UnmanagedOc4js, VirtualServer, VirusScanEngineCluster
Site.DiagnosabilityProperties	No other unique properties exist
SmppDeliveryService	Database, DatabaseRetryIntervalList, LogLevel, MoSMSEnabled, ReadOnlyDBAccessEnabled, ShortCodeNumberPlanIndicator, SmppConnectionCount, SmppEnquireTime, SmppPassword, SmppProcessingThreadCount, SmppServiceUrl, SmppSystemID, SmppSystemType, SmppTimeOut, TlsEnabled, UdsCacheDisabled, UseQuerySMForStatus, VersionNumber
SoftwareImage	No other unique properties exist
StateManageable	No other unique properties exist
StatusManageable	No other unique properties exist
SubscriptionActionService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled

Table 4–3 (Cont.) Components

Component	Properties
SubscriptionService	Database, DatabaseRetryIntervalList, LogLevel, MaxAnchorAgeInDays, ReadOnlyDBAccessEnabled, UdsCacheDisabled
SyndicationService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
SyndicationServletService	AuthenticationScheme, Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
SystemObject	No other unique properties exist
SystemObjectWithHelper	No other unique properties exist
SystemObjectWithStats	No other unique properties exist
TCPCommBasedScanEngine	ScanEngineClientCommPort, ScanEngineHostName, VirusScanEngineCluster
TCPCommBasedScanEngineCluster	CacheRefreshInterval, GatherDetailedStats, OverrideEngineResultEnabled, ScanEngineCommProtocol, ScanEngineCommProtocolVer, ScanEngines, ScanServiceProvider, VirusScanPolicy, VirusesToIgnore
TeamCollaborationApisService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
TeamCollaborationService	AsyncThreadPoolSize, CSRFSecurityEnabled, Database, DatabaseRetryIntervalList, ExecutorServiceThreadPoolSize, HelpLink, LogLevel, MaxWkspLogoSize, MultiTypeListingBatchSize, ReadOnlyDBAccessEnabled, RichTextAntiSamyEnabled, RichTextAntiSamyPolicyFilePath, SearchResultsBatchSize, TacitEnabled, UdsCacheDisabled
TimeManagementService	ConsistencyTasksEnabled, Database, DatabaseRetryIntervalList, EnableCleanupTask, EnableDynamicParticipants, EnableExternalParticipantNotificationDelivery, EnableExternalParticipantNotificationsWithIMIP, EnableGenericClassOfTMBusinessEvents, EnablePresenceIntegration, LogLevel, MaxOccurrencesForUnboundedRecurrence, MaxOccurrencesPerSeries, MaxSubscriptionBizEventRaisedPerOperation, ReadOnlyDBAccessEnabled, SystemBusyPeriod, UdsCacheDisabled
TimeManagementService.AccessControlComputationTaskProperties	No other unique properties exist
TimeManagementService.ChangeLogsCleanupTaskProperties	CanRunDuringSystemBusyPeriod
TimeManagementService.ContainerSyncTaskProperties	No other unique properties exist
TimeManagementService.MethodMonitoringCleanupTaskProperties	CanRunDuringSystemBusyPeriod
TimeManagementService.PurgedItemsCleanupProperties	CanRunDuringSystemBusyPeriod
TimeManagementService.ResourceCleanupProperties	CanRunDuringSystemBusyPeriod
TimeManagementService.ResourceConsistencyProperties	CanRunDuringSystemBusyPeriod

Table 4–3 (Cont.) Components

Component	Properties
TimeManagementService.StandardContextCleanupProperties	CanRunDuringSystemBusyPeriod
TimeManagementService.SystemBusyPeriod	Friday, Monday, Saturday, Sunday, Thursday, Tuesday, Wednesday
TimeZoneService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
TimeZoneService.DatabaseConfiguration	No other unique properties exist
TranscodingService	ArchiveFolderPath, Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
UdsCache	UdsCacheDisabled
UdsCacheService	BatchInterval, BatchLoadSize, CacheEnabled, CacheInitEnabled, CacheUpdateEnabled, Database, DatabaseRetryIntervalList, LogLevel, MaxHeapPercent, MaxResultCount, PollingInterval, PollingLoopThreshold, ReadOnlyDBAccessEnabled, RetryPollingInterval, UdsCacheDisabled
UnmanagedBeehiveInstance	AvailableNumberOfProcessors, AvailablePhysicalMemoryInMB, BeehiveInstanceName, Bti, DiagnosabilitySettings, HttpServer, KeystoreFile, KeystoreFilePassword, LogBaseDir, Oc4jInstances, Opmn, OracleHome, Server, WalletDir, WalletPassword
UnmanagedOc4j	AdminPassword, AdminUsername, Applications, Database, HostName, Oc4jName, OpmnRequestPort, PseudoTranslationEnabled, PseudoTranslationStrategy, ResourceAdapterInstances, RmiClientTimeout, RmiLookupTimeout, RmiPort, WalletDir, WalletPassword
UnsupportedSystemObject	No other unique properties exist
Urm	AgentName, DispositionLoaderInterval, DispositionProcessorInterval, RMAAdminPassword, RMAAdminUser, RmAdminEmailId, URMAAdapterURL
UserDirectoryService	ConfigurationParameters, CustomAttributes, Database, DatabaseRetryIntervalList, DirectoryProfiles, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
UserDirectoryService.AttributeMap	Fields
UserDirectoryService.ConfigurationParameters	DbRetryCount, DbRetryIntervalMilliseconds, GalEntryAccessChecked, MaxEntityAddressCount, SuperMaxEntityAddressCount
UserDirectoryService.ConfigurationParameters.Attribute	No other unique properties exist
UserDirectoryService.CustomAttribute	Description, Name, Type
UserDirectoryService.DirectoryAttributeMap	DirectoryAttributeMap
UserDirectoryService.DirectoryCache	Enabled, MaxCachedEntities, RefreshIntervalMinutes
UserDirectoryService.DirectoryProfile	DefaultFlag, DirectoryAttributeMap, GroupTypeMap, ProfileState, ScopeMap, UserTypeMap
UserDirectoryService.FieldMap	BeehiveFieldName, BeehiveFieldSubType, BeehiveFieldType, SourceAttribute, SourceSpecialHandling, SourceToTargetFieldValueMapping
UserDirectoryService.FieldMap.SourceTargetValueMapping	SourceFieldValue, TargetFieldValue

Table 4–3 (Cont.) Components

Component	Properties
UserDirectoryService.GroupTypeMapEntry	GroupType, SourceFieldName, SourceFieldType, SourceFieldValue
UserDirectoryService.LdapDirectoryProfile	DefaultFlag, DirectoryAttributeMap, GroupTypeMap, LdapServer, PollInterval, ProfileState, ScopeMap, UserTypeMap
UserDirectoryService.MembershipMapEntry	MembershipCollabId, Name, SourceFieldName, SourceFieldType, SourceFieldValue
UserDirectoryService.ScopeMapEntry	MembershipMap, Name, ScopeCollabId, SourceFieldName, SourceFieldType, SourceFieldValue
UserDirectoryService.UserTypeMapEntry	SourceFieldName, SourceFieldType, SourceFieldValue, UserType
VirtualServer	BtiClientPort, BtiSecureClientPort, FtpPort, HttpPort, HttpSslEnabled, HttpSslPort, IPAddress, ImapPort, ImapSslEnabled, ImapSslPort, MxTunnelHostname, MxTunnelPort, ServerName, SmtptAuthRequired, SmtptPort, SmtptSslEnabled, SmtptSslPort, XmppPort, XmppSslEnabled, XmppSslPort
VirusScanConfigurable	OverrideEngineResultEnabled, VirusScanPolicy, VirusesToIgnore
VirusScanEngine	VirusScanEngineCluster
VirusScanEngineCluster	CacheRefreshInterval, GatherDetailedStats, OverrideEngineResultEnabled, ScanEngineCommProtocol, ScanEngineCommProtocolVer, ScanEngines, ScanServiceProvider, VirusScanPolicy, VirusesToIgnore
VoiceMessageService	Database, DatabaseRetryIntervalList, DebugFlags, EmailResendingEnabled, FacilityProperties, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled, VoiceMessageProperty
VoiceMessageService.EnterpriseProperties	EnterpriseCollabId, ExclusiveAudioContentURIs, Name, RecordPlaybackURIs, RecordStreamURIs, SharedAudioContentURIs, TelephoneAnsweringAddress
VoiceMessageService.FacilityProperties	ExclusiveAudioContentURIs, FacilityCollabId, Name, RecordPlaybackURIs, RecordStreamURIs, SharedAudioContentURIs
VoiceServletService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
WebdavService	AuthenticationScheme, BrowserSessionTimeout, DMSInstrumentation, Database, DatabaseRetryIntervalList, DavClientSessionTimeout, DefaultWelcomeDocs, DepthLimit, DisplayLastModifiedBy, DisplayLastModifiedOn, DisplayLockStatus, DisplayVersioningStatus, DownloadBufferSize, LogLevel, MinimumLockTimeout, ReadOnlyDBAccessEnabled, UdsCacheDisabled, UploadBufferSize, UserPreferenceRefreshTime, WebDAVServerEnabled
WikiService	Database, DatabaseRetryIntervalList, LogLevel, PluginHtmlAntiSamyEnabled, PluginHtmlAntiSamyPolicyFilePath, PluginHtmlEnabled, ReadOnlyDBAccessEnabled, UdsCacheDisabled, WikiTextReplace
WorkspacesService	AllowContentHtmlScripts, BlockedFileExtensions, Database, DatabaseRetryIntervalList, DbDownloadBufferSize, DbUploadBufferSize, LogLevel, MaxRecentActivitiesPerGroup, MembershipNotificationEnabled, MinRecentActivitiesPerGroup, QuotaNotificationEnabled, QuotaOverflowPercentage, ReadOnlyDBAccessEnabled, RecentActivityDaysToLive, RecentActivityInPersonalWorkspaceEnabled, RecentActivityPurgeType, UdsCacheDisabled

Table 4–3 (Cont.) Components

Component	Properties
XmppService	Database, DatabaseRetryIntervalList, DomainNames, Language, LogLevel, MessagesOnInvalidAction, ReadOnlyDBAccessEnabled, SearchFields, SupportedAgents, UdsCacheDisabled, VersionRules, XmppPort, XmppSslPort, XmppTimerKeepAliveTime
ZimbraConnectorService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled
ZimbraUIService	Database, DatabaseRetryIntervalList, LogLevel, ReadOnlyDBAccessEnabled, UdsCacheDisabled

Common Properties

The following properties are common to all components:

Table 4–4 Common Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Alias	String	not applicable	May not start with an underscore (_)	Yes	No	Each SystemObject in the configuration has a Universally Unique Identifier (UUID) assigned by the system. An example UUID is f477dfe5-400d-41a2-b2a5-394eba67293. You can assign an easier to remember Alias to a SystemObject and use the Alias in place of the UUID, for example, as the component identifier in beectl commands. Aliases must be unique, so you may not assign the same Alias to multiple SystemObjects. The validation performed on the proposed configuration at activation time ensures that no two SystemObjects have been assigned the same Alias. If duplicate Aliases are detected, the activation will fail and you must correct the situation before retrying the activation operation.
LightweightThreadCount	Integer	not applicable	Minimum = 0, maximum = 9223372036854775807	yes	No	Lightweight thread count for the service. A lightweight thread provides no guarantees on the thread context being used.
LoggingProperties	LoggingConfigurable.LoggingProperties (Structural property)	not applicable	No	No	Yes	A reference to a SystemObject that holds the property settings that configure logging behavior. You do not directly modify the value of this property. You configure logging behavior by modifying the properties of the referenced LoggingProperties object.
ServiceApplication	ApplicationImage (Structural property)	not applicable	No	No	Yes	The application image for the service. The application image models the EAR file that gets deployed to create service instances for the service.

Table 4–4 (Cont.) Common Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ServiceInstances	Set<ServiceInstance> (Structural property)	not applicable	No	Yes	No	The list of ServiceInstances associated with the service.
Site	Site (Structural property)	not applicable	No	No	No	The site with which this service is associated.
Status	StatusManageable.Status (Legal values: ENABLED , DISABLED)	ENABLED	No	Yes	No	The Status, either ENABLED or DISABLED , of the current SystemObject. You do not directly modify the value of this property. The system manages the value of this property when you use an administration client such as beect1 to enable and disable components of the deployment.

Common Properties for ServiceInstances

The following properties are common to all ServiceInstances:

Table 4–5 Common Properties for ServiceInstances

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
J2eeApplicationName	String	not applicable	No	No	No	J2EE application name.
LightweightThreadPriority	Integer	5	Minimum=1 , Maximum=10	Yes	No	Priority of lightweight threads for the service.
Oc4j	String	not applicable	No	No	No	The Oc4j instance associated with the BeehiveJ2eeApplication.

Component Properties

This section lists the properties for each Oracle Beehive component. If a component has only common properties, the table of properties is omitted. Refer to "[Common Properties](#)" on page 4-21, and "[Common Properties for ServiceInstances](#)" on page 4-22, for details about common properties.

The tables listing properties for components have the following columns:

- **Name:** The property name
- **Data Type:** One of the following types:
 - **Integer:** A whole number
 - **Int:** A whole number
 - **String:** Alphanumeric characters
 - **Boolean:** True or false, used to enable or disable a feature
 - **Long:** A whole number (allows larger values than Int or Integer)
 - **Structural Property:** A special type, usually unique to the component, that can contain a string in a specified format

- **SecureString:** Alphanumeric characters, stored as an encrypted value
- **File:** A logical path to a file or directory
- **List:** A comma-delimited list of text values
- **Map:** A set of key:value pairs
- **Level:** Used for setting log levels; accepts one of a listed set of keywords
- **<Component>.<Property> Legal Values (l):** A unique property which accepts one from a list of legal values. For example:
AuthenticationService.AuthStoreType (Legal values: db, ldap)
- **CollabID:** An Oracle Beehive CollabID
- **Default Value:** If the property is seeded with a default value during installation of Oracle Beehive, that value is listed
- **Accepted Values:** If the range or set of values is constrained (beyond that allowed by its type), the constraint is shown
- **Mutable:** Mutable properties can change over time from one version of the configuration to the next. When Mutable is set to **No**, the value can only be changed when it belongs to a new configuration object created in the proposed configuration. Once the proposed configuration is activated, all immutable properties will never change again.
- **Read Only:** You can only use the `beectl modify_property` command to change the value of properties with Read Only set to **No**. You cannot use this command to modify properties with Read Only set to **Yes**.
Internal Oracle Beehive code can still modify Read Only properties.
- **Description:** A brief description of the property's function

AccessControlService

The following properties are available for AccessControlService:

Table 4–6 AccessControlService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

AlarmService

The following properties are available for AlarmService:

Table 4–7 AlarmService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DefaultExpiryTime	Long	259200	All permitted values	Yes	No	The amount of time (in seconds) that will elapse by default before an alarm expires. Applies in cases where no expiry value is explicitly set when the alarm is created. Alarms are used internally by some Oracle Beehive services, which can explicitly set an expiry that will override this default value.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ApplicationImage

The following properties are available for ApplicationImage:

Table 4–8 ApplicationImage Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
EarFileName	String	n/a	All permitted values	No	Yes	The file name of the enterprise archive (.ear) for a service or application image.
ServiceInterface	String	n/a	All permitted values	No	Yes	The name of the service's interface, which is used by the management model to cull service properties and statistics.

AuditService

The following properties are available for AuditService:

Table 4–9 AuditService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
LogonRecordDuration	int	480	Min=1, Max=6000	Yes	No	Specifies the logon record life time in minutes. Stale logon records are purged periodically by the purge process.

Table 4–9 (Cont.) AuditService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RecordsPurgeEnabled	boolean	false	All permitted values	Yes	No	Specifies the whether the audit record purging enabled or disabled. If the purging is enabled, records get purged if they are older than retention period.
RecordsRetentionPeriod	int	60	Min=1, Max=2147483647	Yes	No	Specifies the audit record retention period in days. Audit record is guaranteed to stay in the system until the retention period. Audit records get purged after the retention period.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

AuthenticationService

The following properties are available for AuthenticationService:

Table 4–10 AuthenticationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthStoreType	AuthenticationService.AuthStoreType (Legal values: db, ldap)	db	All permitted values	Yes	No	Specifies the authentication repository type. Valid values: db, ldap
AuthenticationPlugins	List<AuthenticationPlugin> (Structural property)	n/a	All permitted values	Yes	No	Authentication plugins for the external authentication, only one such plugin can be in enabled state.
AuthenticationRealm	String	Authorized_Users	All permitted values	Yes	No	Specifies the default authentication realm for Oracle Beehive.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.

Table 4–10 (Cont.) AuthenticationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
JsoSessionTimeout	Integer	7200	All permitted values	Yes	No	SSO session timeout (in seconds) when the SSO Provider is JavaSSO. Note that this is a hard timeout, not an inactivity timeout. The session will timeout after this amount of time no matter what.
LockoutTime	Integer	7200	All permitted values	Yes	No	Specifies the duration (in seconds) that a user account will be locked out of the system if the maximum allowable login attempts is reached.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
LoginAttempts	Integer	-1	All permitted values	Yes	No	Specifies the number of failed login attempts allowed before a user account gets locked out of the system. -1 = No limit
OsoConfigFile	String	n/a	All permitted values	Yes	No	Specifies the configuration file for Oracle Single Sign-On (OSSO).
PostAuthClientInfoUpdatesDisabled	Boolean	false	All permitted values	Yes	No	Specifies whether updates to Client Session Information should be disabled or not after authentication. Valid values: true, false

Table 4–10 (Cont.) AuthenticationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
S2SIdentities	String[]	n/a	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.AuthenticationServiceBundle, key DESC_LONG_S2S_IDENTITIES
SAMLRegistrationMap	Map<String,SAMLIdentity> (Structural property)	n/a	All permitted values	Yes	No	Specifies the SAML registration map, which contains trusted assertion issuers and service providers.
SsoLogoutUrl	String	n/a	All permitted values	Yes	No	Specifies the logout URL for single sign-on deployments. This is the URL to which users will be redirected after logging out of the system.
SsoType	AuthenticationService.SsoType (Legal values: jso, osso)	jso	All permitted values	Yes	No	Specifies the single sign-on type. Valid values: jso, osso
TokenTimeout	Integer	300	All permitted values	Yes	No	Specifies the amount of time (in seconds) that an authentication token will remain timed out. 0 = Indefinitely
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UseJazn	Boolean	false	All permitted values	Yes	No	Specifies whether or not Oracle Internet Directory should be configured natively with Oracle Application Server using Java Authorization (JAZN). If disabled, Oracle Internet Directory is configured as an external LDAP server (recommended). Valid values: true, false
UseSecureCookie	Boolean	false	All permitted values	Yes	No	Specifies whether or not the JavaSSO cookie should be sent over a Secure Socket Layer (SSL) connection. If enabled, JavaSSO is not supported over non-SSL connections. Valid values: true, false
UseSecureHash	Boolean	false	All permitted values	Yes	No	Specifies whether or not the configured secure hash value (in the LDAP server) should be used for the digest authentication when the authentication repository is an LDAP server. If disabled, the password value is used to calculate the digest. Valid values: true, false

Table 4–10 (Cont.) AuthenticationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
WsSecurityExpiry	Integer	3600	All permitted values	Yes	No	Specifies the amount of time (in seconds) that will elapse before inbound and outbound message signatures expire for Security Assertions Markup Language (SAML) Web services ports.
WsSecuritySamlEnabled	Boolean	false	All permitted values	Yes	No	Specifies whether or not Security Assertions Markup Language (SAML) authentication is enabled for Oracle Beehive Web services. Valid values: true, false
WsSecuritySigKeyAliases	String	n/a	All permitted values	Yes	No	Specifies the key alias of outbound message signatures for Security Assertions Markup Language (SAML) Web services ports.
WsSecuritySigKeyPwd	SecureString	n/a	All permitted values	Yes	No	Specifies the key password of outbound message signatures for Security Assertions Markup Language (SAML) Web services ports.

AuthenticationService.AuthenticationPlugin

The following properties are available for AuthenticationService.AuthenticationPlugin:

Table 4–11 AuthenticationService.AuthenticationPlugin Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthenticationType	AuthenticationService.AuthenticationPlugin.AuthenticationType (Legal values: FORM)	n/a	All permitted values	Yes	No	Authentication type of the plugin.
Enabled	Boolean	false	All permitted values	Yes	No	Status of the authentication plugin, specifies whether the plugin is enabled for authentication.
PluginProperties	Map<String,String>	n/a	All permitted values	Yes	No	Map of properties required by the authentication plugin.
QualifiedClassName	String	n/a	All permitted values	Yes	No	Package qualified class name of the authentication plugin implementation.

BdkService

The following properties are available for BdkService:

Table 4–12 BdkService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RestProperties	BdkService.RestProperties	n/a	All permitted values	No	Yes	description bundle not set
SoapProperties	BdkService.SoapProperties	n/a	All permitted values	No	Yes	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

BdkService.RestProperties

The following properties are available for BdkService.RestProperties:

Table 4–13 BdkService.RestProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
PrivateProperties	BdkService.RestProperties.PrivateProperties	n/a	All permitted values	No	Yes	description bundle not set
PublicProperties	BdkService.RestProperties.PublicProperties	n/a	All permitted values	No	Yes	description bundle not set

BdkService.RestProperties.PrivateProperties

The following properties are available for BdkService.RestProperties.PrivateProperties:

Table 4–14 BdkService.RestProperties.PrivateProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
NotificationQueuePollConcurrencyLimit	int	100	Min=1, Max=1000	Yes	No	description bundle not set
StreamBufferSize	int	8192	Min=1, Max=2147483647	Yes	No	description bundle not set
TempFileStore	String	../../beehive/restpoll/temp	All permitted values	Yes	No	description bundle not set

BdkService.RestProperties.PublicProperties

The following properties are available for BdkService.RestProperties.PublicProperties:

Table 4–15 BdkService.RestProperties.PublicProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DebugModeEnabled	boolean	true	All permitted values	Yes	No	description bundle not set
MaxBatchSize	int	100	Min=1, Max=2147483647	Yes	No	description bundle not set
NotificationQueuePollTimeout	int	2000	Min=10, Max=10000	Yes	No	description bundle not set
NotificationQueueSuspendThreshold	int	100	Min=10, Max=1000	Yes	No	description bundle not set
NotificationSessionTTL	int	60	Min=10, Max=1800	Yes	No	description bundle not set
PresenceConnectionsLimit	int	2	Min=0, Max=10	Yes	No	description bundle not set

BdkService.SoapProperties

The following properties are available for BdkService.SoapProperties:

Table 4–16 BdkService.SoapProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DebugMode	boolean	false	All permitted values	Yes	No	description bundle not set
MaxRequestSize	int	102400	This property has a customized constraint.	Yes	No	description bundle not set

BeeCentralService

The following properties are available for BeeCentralService:

Table 4–17 BeeCentralService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
Dial8HintLocaleStrings	Map<String,String>	n/a	All permitted values	Yes	No	Customizable explanation that describes the correct phone number format for the voice mail transfer option.
EnableDownloadCenter	boolean	true	All permitted values	Yes	No	When set to TRUE, the Download Center is rendered in BeeCentral UI. When set to FALSE, the Download Center is hidden.
HelpLink	String	http://www.oracle.com/technology/products/beehive/beehive_users/2_0/central.htm	All permitted values	Yes	No	A configurable link to help text for Beehive clients.

Table 4–17 (Cont.) BeeCentralService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SmsOptInHintLocaleStrings	Map<String,String>	n/a	All permitted values	Yes	No	Customizable explanation about the delivery of SMS notifications to mobile devices.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

BeehiveConferencingService

The following properties are available for BeehiveConferencingService:

Table 4–18 BeehiveConferencingService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ConfJavaDeployJavaURL	String	//www.java.com/js/deployJava.js	All permitted values	Yes	No	Parameter to set the deployJava.js URL to be used for launching javafx client. The default value for this parameter will be "/www.java.com/js/deployJava.js", which is fetched from the external java site. For intranet deployment of confctr, the value must be "DMS://deployJava.js", which will fetch the deployjava.js file from the internal package in DMS.
ConfJavaJNLP	String	confjavafx.jnlp.template	All permitted values	Yes	No	Parameter to set the jnlp template to be used for javafx. The default value for this parameter will be "confjavafx.jnlp.template". which has javafx runtime jars fetched from external java site. For intranet deployment of confctr, the value must be "confjavafx.intranet.jnlp.template", which will fetch the required runtime files from the internal package in DMS.
ConferenceClientDownloadLocationMac	String	n/a	All permitted values	Yes	No	Set the Conference Client download location for Macintosh. The default value for this parameter will be null. If it is null, then the URL for conference client will be fetched through Beehive Central.
ConferenceClientDownloadLocationWin	String	n/a	All permitted values	Yes	No	Set the Conference Client download location for Windows. The default value for this parameter will be null. If it is null, then the URL for conference client will be fetched through Beehive Central.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.

Table 4–18 (Cont.) BeehiveConferencingService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
EnableDownloadCenter	boolean	true	All permitted values	Yes	No	When set to TRUE, the Download Center is rendered in WebConference UI. When set to FALSE, the Download Center is hidden.
HelpLink	String	http://www.oracle.com/technology/products/beehive/beehive_users/2_0/conferencing.htm	All permitted values	Yes	No	A configurable link to help text for Beehive clients.
JREDownloadURL	String	http://www.java.com	All permitted values	Yes	No	URL for downloading the Java Runtime Environment (JRE) required to launch the JavaFX client. Default URL http://www.java.com downloads the latest JRE.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

BeehiveInstance

The following properties are available for BeehiveInstance:

Table 4–19 *BeehiveInstance Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AvailableNumberOfProcessors	int	1	This property has a customized constraint.	Yes	No	The number of processors committed for the current Oracle Beehive instance. This figure is used by the sizing algorithm to calculate the number of server and client Beehive Transport Infrastructure (BTI) workers, as well as the Oracle Containers for Java (OC4J) instances, required to support the current Oracle Beehive instance.
AvailablePhysicalMemoryInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The amount of physical memory in megabytes (MBs) committed for the current Oracle Beehive instance. This figure is used by the sizing algorithm to calculate the number of Oracle Containers for Java (OC4J) instances required for the current Oracle Beehive instance.
BeehiveInstanceName	String	n/a	All permitted values	Yes	Yes	The name of the current Oracle Beehive instance.
Bti	Bti	n/a	All permitted values	Yes	No	The Oracle Beehive Transport Infrastructure (BTI) associated with the current Oracle Beehive instance.
DiagnosabilitySettings	DiagnosabilitySettings	n/a	All permitted values	Yes	No	A reference to a SystemObject that holds the properties used to configure diagnosability functionality. You do not directly modify the value of this property. You modify the properties of the referenced DiagnosabilitySettings object.
HttpServer	HttpServer	n/a	All permitted values	Yes	No	A reference to the HttpServer SystemObject for the current Oracle Beehive instance. You do not directly modify the value of this property. You configure the HTTP Server by modifying the properties of the referenced HttpServer object.
KeystoreFile	File	n/a	All permitted values	Yes	No	Path of the keystore file associated with the current Oracle Beehive instance.
KeystoreFilePassword	SecureString	n/a	All permitted values	Yes	No	Password for the keystore file associated with the current Oracle Beehive Instance.
LogBaseDir	File	beehive/logs	All permitted values	Yes	No	The base directory where Oracle Beehive will store its log files.

Table 4–19 (Cont.) BeehiveInstance Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Oc4jInstances	Set<ManagedOc4j> (Structural property)	n/a	All permitted values	Yes	No	The set of references to the SystemObjects that configure the OC4J instances deployed in the current Oracle Beehive instance. The system automatically manages the value of this property. You must never directly modify the value.
Opmn	Opmn	n/a	All permitted values	No	No	This is a reference to the SystemObject that configures OPMN for the current Oracle Beehive instance. The system automatically manages the value of this property. You must never directly modify the value.
OracleHome	String	n/a	All permitted values	No	Yes	The Oracle home for the current Oracle Beehive instance.
Server	Server	n/a	All permitted values	No	No	This is a reference to the SystemObject that represents the Server associated with the current Oracle Beehive instance. The system automatically manages the value of this property.
WalletDir	String	n/a	All permitted values	Yes	No	Directory path of the Oracle Wallet associated with the current Oracle Beehive instance.
WalletPassword	SecureString	n/a	All permitted values	Yes	No	The password for the Oracle Wallet associated with the current Oracle Beehive instance.

BeehiveJ2eeApplication

No other properties exist for BeehiveJ2eeApplication .

BeekeeperService

The following properties are available for BeekeeperService:

Table 4–20 *BeekeeperService Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval Lis	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

Bti

The following properties are available for Bti:

Table 4–21 Bti Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BeehiveInstance	BeehiveInstance	n/a	All permitted values	Yes	No	long description key not set
BtiProcessPingTimeout	int	60	All permitted values	Yes	No	Timeout for pings between btimon and BTI native processes. When this timeout is exceeded the native BTI processes is restarted.
ClientWorker	BtiClientWorker	n/a	All permitted values	No	No	long description key not set
CtrlPort	int	5959	Network Port, Min=1, Max=65536	Yes	No	TCP port for internal communications between components of BTI. This port is also used by opmn for pinging BTI.
LogDir	String	n/a	All permitted values	Yes	No	Log directory for all BTI components
Redirector	BtiRedirector	n/a	All permitted values	No	No	long description key not set
ServerPort	int	n/a	Network Port, Min=1, Max=65536	Yes	No	TCP port for communications between midtiers via OMB.
ServerWorker	BtiServerWorker	n/a	All permitted values	No	No	long description key not set
StartJavaExecutionArguments	JavaExecutionArguments	n/a	All permitted values	Yes	No	Arguments for the Java Virtual Machine when starting this component
StopJavaExecutionArguments	JavaExecutionArguments	n/a	All permitted values	Yes	No	Arguments for the Java Virtual Machine when starting this component

BtiClientWorker

The following properties are available for BtiClientWorker:

Table 4–22 BtiClientWorker Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdditionalExecArgs	String[]	n/a	All permitted values	Yes	No	Additional command line arguments to be passed to the BTI native process.
Bti	Bti	n/a	All permitted values	Yes	No	long description key not set
NumberOfWorkers	int	1	All permitted values	Yes	No	Number of MX processes in each BTI instance (midtier or DMZ).

BtiComponent

The following properties are available for BtiComponent:

Table 4–23 BtiComponent Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdditionalExecArgs	String[]	n/a	All permitted values	Yes	No	Additional command line arguments to be passed to the BTI native process.

BtiGlobal

The following properties are available for BtiGlobal:

Table 4–24 BtiGlobal Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BackendSecurityMode	BtiGlobal.SecurityMode (Legal values: NONE, AUTH_ONLY, AUTH_AND_ENCRYPT)	NONE	All permitted values	Yes	No	description bundle not set
ClientPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	description bundle not set
SecureClientPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	description bundle not set

BtiRedirector

The following properties are available for BtiRedirector:

Table 4–25 BtiRedirector Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdditionalExecArgs	String[]	n/a	All permitted values	Yes	No	Additional command line arguments to be passed to the BTI native process.
Bti	Bti	n/a	All permitted values	Yes	No	description bundle not set

BtiServerWorker

The following properties are available for BtiServerWorker:

Table 4–26 BtiServerWorker Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdditionalExecArgs	String[]	n/a	All permitted values	Yes	No	Additional command line arguments to be passed to the BTI native process.
Bti	Bti	n/a	All permitted values	Yes	No	long description key not set
NumberOfWorkers	int	1	All permitted values	Yes	No	Number of BP processes in each midtier.

CalDAVService

The following properties are available for CalDAVService:

Table 4–27 CalDAVService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CollectionBrowsingEnabled	Boolean	true	All permitted values	Yes	No	Enables or disables the Oracle Beehive CalDAV Companion Web Access interface. If disabled, trying to access a CalDAV URL in a Web browser will return an error.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DefaultFutureTimePeriodInDay	Long	124	Min=0, Max=10950	Yes	No	The upper limit (in days) of the range for which date-based entities will be returned by Oracle Beehive if no range is explicitly provided by a CalDAV client. This value is represented as a positive integer. Oracle Beehive uses this value to determine whether or not to return certain date-based entities. For example, if this value is set to 30 and no time range is supplied by a CalDAV client, Oracle Beehive will return all date-based entities, such as meetings and tasks, that occur between today and the next 30 days. In this example, entities that occur on the 31st day from today and beyond will not be returned.

Table 4–27 (Cont.) CalDAVService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DefaultPastTimePeriodInDay	Long	31	Min=0, Max=10950	Yes	No	The lower limit (in days) of the range for which date-based entities will be returned by Oracle Beehive if no range is explicitly provided by a CalDAV client. This value is represented as a negative integer. Oracle Beehive uses this value to determine whether or not to return certain date-based entities. For example, if this value is set to -30 and no time range is supplied by a CalDAV client, Oracle Beehive will return all date-based entities, such as meetings and tasks, that occurred in the the previous 30 days only. In this example, entities that occurred on the 31st day prior to today and earlier will not be returned.
ISchedule	CalDAVService.ISchedule	n/a	All permitted values	No	No	The iSchedule service can be configured using all the properties defined in this system object.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

CalDAVService.ISchedule

The following properties are available for CalDAVService.ISchedule:

Table 4–28 CalDAVService.ISchedule Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Enabled	Boolean	true	All permitted values	Yes	No	Enables or disables the Oracle Beehive iSchedule service.
NoProxyFor	List<String>	n/a	All permitted values	Yes	No	Specifies the list of hosts and ip addresses for which the proxy should not be used. Each entry can be either a complete host name (e.g. "www.oracle.com"), a domain name beginning with a dot (e.g. ".oracle.com"), an IP address (e.g. "12.34.56.78"), an IP subnet, specified as an IP address and a netmask separated by a "/" (e.g. "34.56.78/255.255.255.192").
ProxyAuthId	String	n/a	All permitted values	Yes	No	Specifies the authentication name to use if the proxy requires authentication.
ProxyAuthKey	SecureString	n/a	All permitted values	Yes	No	Specifies the key to use if the proxy requires authentication.
ProxyHost	String	n/a	All permitted values	Yes	No	Specifies a proxy hostname to use when the iSchedule service connects to remote iSchedule receivers.
ProxyPort	Integer	80	All permitted values	Yes	No	Specifies a proxy port to use when the iSchedule service connects to remote iSchedule receivers.
ProxyType	CalDAVService.ISchedule.IScheduleProxyType (Legal values: HTTP, SOCKS4, SOCKS5)	HTTP	All permitted values	Yes	No	Specifies the iSchedule proxy type, can be either HTTP, SOCKS4 or SOCKS5.
Servers	List<Server> (Structural property)	n/a	This property has a customized constraint.	Yes	No	Specifies the list of configured remote iSchedule servers

CalDAVService.ISchedule.Server

The following properties are available for CalDAVService.ISchedule.Server:

Table 4–29 CalDAVService.ISchedule.Server Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DomainRegexp	String	n/a	This property has a customized constraint.	Yes	No	The iSchedule server domain regular expression is used for associating external email addresses to this iSchedule server configuration.
IncomingAllowHostRegexp	String	n/a	This property has a customized constraint.	Yes	No	Regular expression of allowed host names. Remote servers not matching this regular expression will not be able to send requests to the local server.
IncomingAllowIPRegexp	String	n/a	This property has a customized constraint.	Yes	No	Regular expression of allowed IP addresses. Remote servers not matching this regular expression will not be able to send requests to the local server.
IncomingAuthId	String	n/a	This property has a customized constraint.	Yes	No	Specifies the name the remote server should use. If the remote server does not specify the good name, all requests sent from this remote server will be denied
IncomingAuthKey	SecureString	n/a	All permitted values	Yes	No	Specifies the key the remote server should use. If the remote server does not specify the good key, all requests sent from this remote server will be denied
IncomingAuthMethod	CalDAVService.ISchedule.Server.AuthMethod (Legal values: HTTP_BASIC)	HTTP_BASIC	All permitted values	Yes	No	Authentication method to use for incoming remote server requests.
Name	String	n/a	This property has a customized constraint.	No	No	The iSchedule server name is used to uniquely identify an iSchedule server configuration.
OutgoingAuthId	String	n/a	This property has a customized constraint.	Yes	No	Specifies the name to use when authenticating to the remote server.
OutgoingAuthKey	SecureString	n/a	All permitted values	Yes	No	Specifies key to use when authenticating to the remote server.
OutgoingUrl	String	n/a	This property has a customized constraint.	Yes	No	The iSchedule server outgoing URL is used to specify the remote iSchedule receiver URL for this iSchedule server configuration.

ClientManagementService

The following properties are available for ClientManagementService:

Table 4–30 ClientManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DebugMode	boolean	false	All permitted values	Yes	No	description bundle not set
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
NotificationQueueResumeThreshold	int	50	This property has a customized constraint.	Yes	No	description bundle not set
NotificationQueueSuspendThreshold	int	100	This property has a customized constraint.	Yes	No	description bundle not set
OutputFrameSize	int	32768	Min=1, Max=65535	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.

Table 4–30 (Cont.) ClientManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SessionTimeout	int	30000	This property has a customized constraint.	Yes	No	description bundle not set
StreamReadBufferSize	int	131072	This property has a customized constraint.	Yes	No	description bundle not set
StreamWriteBufferSize	int	131072	This property has a customized constraint.	Yes	No	description bundle not set
TraceEnabled	boolean	false	All permitted values	Yes	No	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

CoexistenceService

The following properties are available for CoexistenceService:

Table 4–31 CoexistenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CoexistenceEnabled	boolean	true	All permitted values	Yes	No	Enables or disables the Coexistence Service. If enabled and a coexistence connector is configured, the Coexistence Service will send and receive requests to and from the coexistence connector.
ConnectorProperties	CoexistenceService.ConnectorProperties	n/a	All permitted values	No	No	Properties that are specific to the Oracle Coexistence Connector. This is a subcomponent.
ContactProperties	CoexistenceService.ContactProperties	n/a	All permitted values	No	No	Properties that are specific to contacts in coexistence deployments. This is a subcomponent.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.

Table 4–31 (Cont.) CoexistenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
FreeBusyProperties	CoexistenceService.FreeBusyProperties	n/a	All permitted values	No	No	Properties that are specific to free/busy time in coexistence deployments. This is a subcomponent.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MeetingProperties	CoexistenceService.MeetingProperties	n/a	All permitted values	No	No	Properties that are specific to meetings in coexistence deployments. This is a subcomponent.
MessageProperties	CoexistenceService.MessageProperties	n/a	All permitted values	No	No	Properties that are specific to e-mail messages in coexistence deployments. This is a subcomponent.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.

Table 4–31 (Cont.) CoexistenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RequestSenderEnabled	boolean	true	All permitted values	Yes	No	Enables or disables the request sender. If disabled, the Coexistence Service will not send any requests to the connector but will still process incoming requests. Propagation of changes also requires the CoexistenceEnabled property to be enabled. When disabled, the Coexistence Service will only process requests sent by the coexistence connector.
TaskProperties	CoexistenceService.TaskProperties	n/a	All permitted values	No	No	Properties that are specific to tasks in coexistence deployments. This is a subcomponent.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

CoexistenceService.ClusteredTaskProperties

No other properties exist for CoexistenceService.ClusteredTaskProperties .

CoexistenceService.ConnectorProperties

The following properties are available for CoexistenceService.ConnectorProperties:

Table 4–32 CoexistenceService.ConnectorProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SmtperServerHostName	String	n/a	All permitted values	Yes	No	Specifies the SMTP server host name used by the Oracle Coexistence Connector. If this property is not set, the virtual server name will be used.
SmtperServerPort	int	25	This property has a customized constraint.	Yes	No	Specifies the SMTP server port used by the Oracle Coexistence Connector. If this property is not set, the virtual server port will be used.

CoexistenceService.ContactProperties

The following properties are available for CoexistenceService.ContactProperties:

Table 4–33 *CoexistenceService.ContactProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment. If an attachment is larger than this size, the attachment is ignored by the coexistence solution. Increasing this value can cause scalability issues in some flows. It is not recommended to increase this value above 10240. The recommended value is 2048.

CoexistenceService.ContainerSpecificProperties

The following properties are available for CoexistenceService.ContainerSpecificProperties:

Table 4–34 *CoexistenceService.ContainerSpecificProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment. If an attachment is larger than this size, the attachment is ignored by the coexistence solution. Increasing this value can cause scalability issues in some flows. It is not recommended to increase this value above 10240. The recommended value is 2048.

CoexistenceService.DominoProperties

The following properties are available for CoexistenceService.DominoProperties:

Table 4–35 *CoexistenceService.DominoProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SmtptServerHostName	String	n/a	All permitted values	Yes	No	Specifies the SMTP server host name used by the Oracle Coexistence Connector. If this property is not set, the virtual server name will be used.
SmtptServerPort	int	25	This property has a customized constraint.	Yes	No	Specifies the SMTP server port used by the Oracle Coexistence Connector. If this property is not set, the virtual server port will be used.

CoexistenceService.ExchangeProperties

The following properties are available for CoexistenceService.ExchangeProperties:

Table 4–36 *CoexistenceService.ExchangeProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SmtServerHostName	String	n/a	All permitted values	Yes	No	Specifies the SMTP server host name used by the Oracle Coexistence Connector. If this property is not set, the virtual server name will be used.
SmtServerPort	int	25	This property has a customized constraint.	Yes	No	Specifies the SMTP server port used by the Oracle Coexistence Connector. If this property is not set, the virtual server port will be used.

CoexistenceService.ExpertiseProfilingProperties

The following properties are available for CoexistenceService.ExpertiseProfilingProperties:

Table 4–37 *CoexistenceService.ExpertiseProfilingProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment for expertise profiling. If an attachment is larger than this size, the attachment is ignored by the coexistence solution.

CoexistenceService.FreeBusyProperties

The following properties are available for CoexistenceService.FreeBusyProperties:

Table 4–38 *CoexistenceService.FreeBusyProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
FutureTimePeriodInDay	int	120	This property has a customized constraint.	Yes	No	Specifies the upper limit (in days from today) of the range Oracle Beehive will use to publish free/busy information of coexisting users. This value can be any positive integer. For example, if this value is set to 60, Oracle Beehive will publish all free/busy information that occurs from the time of the request and for the following 60 days. This property is used in conjunction with PastTimePeriodInDay, which specifies the lower limit (in days) of the range for publishing free/busy information.
PastTimePeriodInDay	int	7	This property has a customized constraint.	Yes	No	Specifies the lower limit (in days from today) of the range Oracle Beehive will use to publish free/busy information of coexisting Oracle Beehive users. This value can be any positive integer. For example, if this value is set to 30, Oracle Beehive will publish all free/busy information that occurs from the time of the request and for the previous 30 days. This property is used in conjunction with FutureTimePeriodInDay, which specifies the upper limit (in days) of the range for publishing free/busy information.

CoexistenceService.InstanceTaskProperties

No other properties exist for CoexistenceService.InstanceTaskProperties .

CoexistenceService.MeetingProperties

The following properties are available for CoexistenceService.MeetingProperties:

Table 4–39 *CoexistenceService.MeetingProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment. If an attachment is larger than this size, the attachment is ignored by the coexistence solution. Increasing this value can cause scalability issues in some flows. It is not recommended to increase this value above 10240. The recommended value is 2048.
ImportDataFutureTimePeriodInDay	int	-1	All permitted values	Yes	No	Specifies the upper limit (in days from today) of the range Oracle Beehive will use to request an initial import of meeting data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no upper limit. For example, if this value is set to 60, Oracle Beehive will import all meeting data that occurs from the time of the import and for the following 60 days. This property is used in conjunction with ImportDataPastTimePeriodInDay, which specifies the lower limit (in days) of the range for importing meeting data.
ImportDataPastTimePeriodInDay	int	30	All permitted values	Yes	No	Specifies the lower limit (in days from today) of the range Oracle Beehive will use to request an initial import of meeting data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no lower limit. For example, if this value is set to 30, Oracle Beehive will import all meeting data that occurs from the time of the request and for the previous 30 days. This property is used in conjunction with ImportDataFutureTimePeriodInDay, which specifies the upper limit (in days) of the range for importing meeting data.

CoexistenceService.MessageProperties

The following properties are available for CoexistenceService.MessageProperties:

Table 4–40 CoexistenceService.MessageProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment. If an attachment is larger than this size, the attachment is ignored by the coexistence solution. Increasing this value can cause scalability issues in some flows. It is not recommended to increase this value above 10240. The recommended value is 2048.
ImportDataFutureTimePeriodInDay	int	-1	All permitted values	Yes	No	Specifies the upper limit (in days from today) of the range Oracle Beehive will use to request an initial import of e-mail data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no upper limit. For example, if this value is set to 60, Oracle Beehive will import all e-mail data that occurs from the time of the import and for the following 60 days. This property is used in conjunction with ImportDataPastTimePeriodInDay, which specifies the lower limit (in days) of the range for importing e-mail data.
ImportDataPastTimePeriodInDay	int	30	All permitted values	Yes	No	Specifies the lower limit (in days from today) of the range Oracle Beehive will use to request an initial import of e-mail data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no lower limit. For example, if this value is set to 30, Oracle Beehive will import all e-mail data that occurs from the time of the request and for the previous 30 days. This property is used in conjunction with ImportDataFutureTimePeriodInDay, which specifies the upper limit (in days) of the range for importing e-mail data.

CoexistenceService.ServiceManagerProperties

No other properties exist for CoexistenceService.ServiceManagerProperties .

CoexistenceService.TaskProperties

The following properties are available for CoexistenceService.TaskProperties:

Table 4–41 CoexistenceService.TaskProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMaxSizeInKiloByte	int	2048	This property has a customized constraint.	Yes	No	The maximum size allowed (in kilobytes) of an attachment. If an attachment is larger than this size, the attachment is ignored by the coexistence solution. Increasing this value can cause scalability issues in some flows. It is not recommended to increase this value above 10240. The recommended value is 2048.
ImportDataFutureTimePeriodInDay	int	-1	All permitted values	Yes	No	Specifies the upper limit (in days from today) of the range Oracle Beehive will use to request an initial import of task data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no upper limit. For example, if this value is set to 60, Oracle Beehive will import all active task data from the time of the import and for the following 60 days. This property is used in conjunction with ImportDataPastTimePeriodInDay, which specifies the lower limit (in days) of the range for importing task data.
ImportDataPastTimePeriodInDay	int	30	All permitted values	Yes	No	Specifies the lower limit (in days from today) of the range Oracle Beehive will use to request an initial import of task data from the Oracle Coexistence Connector. This value can be any positive integer or -1, which is used to specify that there is no lower limit. For example, if this value is set to 30, Oracle Beehive will import all active task data from the time of the request and for the previous 30 days. This property is used in conjunction with ImportDataFutureTimePeriodInDay, which specifies the upper limit (in days) of the range for importing task data.

CompositeStateManageable

No other properties exist for CompositeStateManageable .

ConferenceMonitoringService

The following properties are available for ConferenceMonitoringService:

Table 4–42 ConferenceMonitoringService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ClientConnectInfo	String	n/a	All permitted values	Yes	Yes	description bundle not set
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ConferenceService

The following properties are available for ConferenceService:

Table 4–43 ConferenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DefaultDialoutCallTimeout	Integer	3600000	All permitted values	No	No	description bundle not set
DefaultParticipantCodec	String	audio/IP-MR-VBR	All permitted values	Yes	No	description bundle not set
DefaultSipRegistrationExpiresInterval	Integer	3600	All permitted values	No	No	description bundle not set
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
OwcHostWaitSessionTimeout	Integer	1800000	All permitted values	No	No	description bundle not set
OwcLogFlushPeriod	Integer	30000	All permitted values	Yes	No	description bundle not set
OwcMediaHostServiceBusAddressPrefix	String	owc-ms-host-service	All permitted values	Yes	No	description bundle not set
OwcMediaHostServiceLoadBalanceBusAddressSuffix	String	balance	All permitted values	Yes	No	description bundle not set

Table 4–43 (Cont.) ConferenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
OwcRosterServiceBusAddressPrefix	String	owc-roster-service	All permitted values	Yes	No	description bundle not set
OwcRosterServiceLoadBalanceBusAddressSuffix	String	balance	All permitted values	Yes	No	description bundle not set
OwcUseRemoteMediaSessions	Boolean	false	All permitted values	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SIPPSTNGatewayIPAddress	String	n/a	All permitted values	Yes	No	description bundle not set
SIPPSTNGatewayPort	Integer	5060	Network Port, Min=1, Max=65536	Yes	No	description bundle not set
SipRegistrationEnabled	Boolean	false	All permitted values	Yes	No	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ConferenceSessionService

The following properties are available for ConferenceSessionService:

Table 4–44 ConferenceSessionService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ConnectionPoolConsumer

No other properties exist for ConnectionPoolConsumer .

CustomService

The following properties are available for CustomService:

Table 4–45 CustomService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

Database

The following properties are available for Database:

Table 4–46 Database Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AccessSchemas	List<AccessSchema> (Structural property)	n/a	All permitted values	Yes	No	The database access Schemas.
AffinityPool	Database.AffinityPool	n/a	All permitted values	Yes	Yes	The affinity ConnectionPool.
AffinityServiceNames	List<String>	n/a	All permitted values	Yes	No	The list of services that require database affinity.
BusinessDataServiceName	String	n/a	All permitted values	Yes	No	The database name for business data service.
ConfigServiceName	String	n/a	All permitted values	Yes	No	The database name for configuration store.
ConnectDescriptor	String	n/a	All permitted values	Yes	No	The connect descriptor for the database.
DefaultAccessSchema	Database.AccessSchema	n/a	All permitted values	Yes	Yes	The database access Schema.
DefaultNonXaPool	Database.ConnectionPool	n/a	All permitted values	Yes	Yes	The default non-XA connectionPool.
DefaultXaPool	Database.ConnectionPool	n/a	All permitted values	Yes	Yes	The default XA connectionPool.
DiagnosabilityServiceName	String	n/a	All permitted values	Yes	No	The database name for diagnosability service.
EventListenerServiceName	String	n/a	All permitted values	Yes	No	The database name for event listener service.
OnsNodeConfiguration	List<String>	n/a	All permitted values	Yes	No	The list of ONS node configuration.
ParentDatabase	Database	n/a	All permitted values	No	Yes	long description key not set
ReadOnlyBusinessDataServiceName	String	n/a	All permitted values	Yes	No	The database name for read-only business data service.
SearchServiceName	String	n/a	All permitted values	Yes	No	The database name for search service.

Database.AccessSchema

The following properties are available for Database.AccessSchema:

Table 4–47 Database.AccessSchema Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BusinessDataSupported	boolean	false	All permitted values	Yes	No	If business data is supported.
ConfigDataSupported	boolean	false	All permitted values	Yes	No	If configuration data is supported.
DiagnosticDataSupported	boolean	false	All permitted values	Yes	No	If Diagnostic data is supported.
EventListenerDataSupported	boolean	false	All permitted values	Yes	No	If event data is supported.
Password	SecureString	n/a	All permitted values	Yes	No	The password of the access schema.
ReadOnlyBusinessDatabaseSupported	boolean	false	All permitted values	Yes	No	If read only DB is supported.
SearchDataSupported	boolean	false	All permitted values	Yes	No	If search data is supported.
UserDataSupported	boolean	false	All permitted values	Yes	No	If user data is supported.
UserName	String	BEE_CODE	All permitted values	Yes	No	The username of the access schema.

Database.AffinityPool

The following properties are available for Database.AffinityPool:

Table 4–48 Database.AffinityPool Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AbandonedConnectionTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for abandoned connection.
ConnectTimeout	int	10000	Min=1, Max=2147483647	Yes	No	The limit of the maximum retry attempt.
ConnectionProperties	Map<String,String>	n/a	All permitted values	Yes	No	Time out for establishing a DB Connection.
ConnectionWaitTimeout	int	300	Min=0, Max=2147483647	Yes	No	The timeout for connection wait.
InactivityTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for inactive connection.
InitialConnections	int	0	Min=0, Max=2147483647	Yes	No	The initial connection count of this connection pool.
LowerThresholdLimit	int	20	Min=0, Max=100	Yes	No	The limit of LowerThreshold.

Table 4–48 (Cont.) Database.AffinityPool Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxConnections	int	20	Min=0, Max=2147483647	Yes	No	The maximum connection count of this connection pool.
MaxRetryAttemptLimit	int	3	Min=0, Max=2147483647	Yes	No	The limit of the maximum retry attempt.
MaxRetryTimeLimit	int	30000	Min=0, Max=2147483647	Yes	No	The limit of the maximum retry time.
MaxStatementsLimit	int	0	Min=0, Max=2147483647	Yes	No	The maximum statement count of this connection pool.
MinConnections	int	0	Min=0, Max=2147483647	Yes	No	The minimum connection count of this connection pool.
PropertyCheckInterval	int	900	Min=1, Max=2147483647	Yes	No	The interval to check property.
ReadTimeout	int	300000	Min=1, Max=2147483647	Yes	No	Time out for Read operation.
ServiceStatusCheckInterval	int	60	Min=1, Max=2147483647	Yes	No	Time interval (in seconds) between two consecutive affinity service status checks.
StatusChangeErrorThreshold	int	30	Min=1, Max=2147483647	Yes	No	While fetching the DB Connections, Number of consecutive SQLException exception tolerate before updating the affinity service status as down.
TimeToLiveTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for timeToLive.
ValidateConnection	boolean	false	All permitted values	Yes	No	If the connectionPool needs to validate a connection.

Database.ConnectionPool

The following properties are available for Database.ConnectionPool:

Table 4–49 Database.ConnectionPool Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AbandonedConnectionTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for abandoned connection.
ConnectTimeout	int	10000	Min=1, Max=2147483647	Yes	No	The limit of the maximum retry attempt.
ConnectionProperties	Map<String,String>	n/a	All permitted values	Yes	No	Time out for establishing a DB Connection.
ConnectionWaitTimeout	int	300	Min=0, Max=2147483647	Yes	No	The timeout for connection wait.

Table 4–49 (Cont.) Database.ConnectionPool Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
InactivityTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for inactive connection.
InitialConnections	int	0	Min=0, Max=2147483647	Yes	No	The initial connection count of this connection pool.
LowerThresholdLimit	int	20	Min=0, Max=100	Yes	No	The limit of LowerThreshold.
MaxConnections	int	20	Min=0, Max=2147483647	Yes	No	The maximum connection count of this connection pool.
MaxRetryAttemptLimit	int	3	Min=0, Max=2147483647	Yes	No	The limit of the maximum retry attempt.
MaxRetryTimeLimit	int	30000	Min=0, Max=2147483647	Yes	No	The limit of the maximum retry time.
MaxStatementsLimit	int	0	Min=0, Max=2147483647	Yes	No	The maximum statement count of this connection pool.
MinConnections	int	0	Min=0, Max=2147483647	Yes	No	The minimum connection count of this connection pool.
PropertyCheckInterval	int	900	Min=1, Max=2147483647	Yes	No	The interval to check property.
ReadTimeout	int	300000	Min=1, Max=2147483647	Yes	No	Time out for Read operation.
TimeToLiveTimeout	int	0	Min=0, Max=2147483647	Yes	No	The timeout for timeToLive.
ValidateConnection	boolean	false	All permitted values	Yes	No	If the connectionPool needs to validate a connection.

DeletedSystemObject

No other properties exist for DeletedSystemObject .

DeviceManagementService

The following properties are available for DeviceManagementService:

Table 4–50 DeviceManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BlockedDevices	Collection<BlockedDevice> (Structural property)	n/a	All permitted values	Yes	No	The list of devices that will not be allowed to access Oracle Beehive services.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UncertifiedDeviceAllowed	Boolean	false	All permitted values	Yes	No	Whether or not Oracle Beehive will allow uncertified devices to access the system.

DeviceManagementService.BlockedDevice

The following properties are available for DeviceManagementService.BlockedDevice:

Table 4–51 DeviceManagementService.BlockedDevice Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Description	String	n/a	All permitted values	Yes	No	Description as to why this device is blocked.
DeviceId	String	n/a	All permitted values	Yes	No	A unique identifier of the device.

DiagnosabilitySettings

The following properties are available for DiagnosabilitySettings:

Table 4–52 DiagnosabilitySettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BaseErrorCodeProperties	DiagnosabilitySettings.ErrorCodeProperties	n/a	All permitted values	Yes	Yes	The default properties used by Error Code DB Persistence and Error Code log records
ContextProperties	DiagnosabilitySettings.ContextProperties	n/a	All permitted values	Yes	Yes	Subobject with properties for the Diagnosability Context
ErrorCodeDBPersistenceEnabled	Boolean	false	All permitted values	Yes	No	When enabled, some error code occurrences will be persisted to the database, based on the the values of the sub-objects BaseErrorCodeProperties and ErrorCodeDBProperties.
ErrorCodeDBProperties	DiagnosabilitySettings.ErrorCodeProperties	n/a	All permitted values	Yes	No	If exists, this object overrides the values in BaseErrorCodeProperties for Error Code Database persistence.
ErrorCodeLoggingProperties	DiagnosabilitySettings.ErrorCodeProperties	n/a	All permitted values	Yes	No	If exists, this object overrides the values in BaseErrorCodeProperties for Error Code log records.
ProbeEnabled	Boolean	false	All permitted values	Yes	No	Enable the instrumentation of requests with the diagnosability probe.
ProbeProperties	DiagnosabilitySettings.ProbeProperties	n/a	All permitted values	Yes	Yes	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_CFG_PROBE_PROPS_LONG

DiagnosabilitySettings.ContextProperties

The following properties are available for DiagnosabilitySettings.ContextProperties:

Table 4–53 DiagnosabilitySettings.ContextProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
IncludeCallerStacks	Boolean	false	All permitted values	Yes	No	If enabled, Stack traces within each service will be propagated to any callee services
PropagationEnabled	Boolean	true	All permitted values	Yes	No	Enable Diagnosability Context propagation. If disabled, ECID, service instance stacks, and caller stacks will not be propagated over CSI calls or to the Database.

DiagnosabilitySettings.ErrorCodeProperties

The following properties are available for DiagnosabilitySettings.ErrorCodeProperties:

Table 4–54 DiagnosabilitySettings.ErrorCodeProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ExcludedErrorCodes	List<String>	n/a	All permitted values	Yes	No	If set, none of these error codes listed will be reported, in conjunction with ReportingSeverityThreshold. This property and IncludedErrorCodes cannot be set at the same time.
IncludeStackTraces	Boolean	false	All permitted values	Yes	No	If enabled, stack traces will be included with each reported Error Code occurrence.
IncludedErrorCodes	List<String>	n/a	All permitted values	Yes	No	If set, only the list of error codes here will be persisted. It is not recommended that this property be set. This property and ExcludedErrorCodes cannot be used at the same time.
LoggingSeverity	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	FINER	All permitted values	Yes	No	All error codes reported to log files, will be written at this severity level. This property is ignored by Error Code database persistence.
ReportingSeverityThreshold	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	INFO	All permitted values	Yes	No	Minimum Error Code severity required to report an Error Code occurrence, to the applicable persistence type
UploadInterval	int	30	This property has a customized constraint.	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_CFG_EC_UPLOAD_INTERVAL_LONG

DiagnosabilitySettings.ProbeProperties

The following properties are available for DiagnosabilitySettings.ProbeProperties:

Table 4–55 *DiagnosabilitySettings.ProbeProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LightWeightEnabled	boolean	true	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_PROBE_LW_LONG
MaxSize	int	10485760	This property has a customized constraint.	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_PROBE_MAX_SIZE_LONG
PersistenceInterval	int	60	This property has a customized constraint.	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_PROBE_PERSISTENCE_INTERVAL_LONG
StorageLocation	String	n/a	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key DIA_PROBE_STORAGE_LOC_LONG

DiscussionsService

The following properties are available for DiscussionsService:

Table 4–56 DiscussionsService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

EmailService

The following properties are available for EmailService:

Table 4–57 EmailService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CSIProperties	EmailService.CSI Properties	n/a	All permitted values	No	Yes	A group of properties associated with Email CSI interface implementation behavior. Email CSI performance and memory footprint can be tuned via these properties.
CoexUserLocal	boolean	false	All permitted values	Yes	No	If true, Coexisting users (sometimes referred to as users with a remote Inbox) will have their email forwarded to another server via the routing rules of the system. If false, the property indicating that the Inbox is remote is ignored.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DirectoryCacheTTL	long	60000	Min=0, Max=9223372036854775807	Yes	No	Maximum time (in milliseconds) that an address will remain cached within the server. Note that this becomes the maximum time for a change to a users information (email address) or a group membership before changes are seen.
GlobalDomainName	String	default	All permitted values	Yes	No	The domain name used throughout the system. Note: This value may be overridden in certain parts of the system.
IMAPEnabled	boolean	true	All permitted values	Yes	No	Specifies whether or not Oracle Beehive's native Internet Message Access Protocol (IMAP) services are enabled. Valid values: true, false

Table 4–57 (Cont.) EmailService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
IMAPPProperties	EmailService.IMAPPProperties	n/a	All permitted values	No	Yes	A group of properties associated with the IMAP server component. IMAP server is responsible for serving user requests to read and manage emails in their mailboxes.
LocalEmailPatterns	List<String>	n/a	All permitted values	Yes	No	The list of valid e-mail address patterns for users of the system
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxDirectoryCacheEntries	int	8192	Min=0, Max=2147483647	Yes	No	The maximum number of resolved e-mail addresses that the system will cache in memory
MaxMailSz	long	50000000	Min=0, Max=9223372036854775807	Yes	No	The maximum size of an e-mail allowed by the system. The system will reject e-mail messages that exceed this threshold. Note this value is inclusive of the entire message (headers, attachments, etc).
NonLocalEmailPatterns	List<String>	n/a	All permitted values	Yes	No	The list of valid e-mail address patterns to which the system will forward e-mail messages. Typically, this property is used to specify patterns for e-mail addresses that are hosted on other systems.
PersistenceProperties	EmailService.PersistenceProperties	n/a	All permitted values	No	Yes	A group of properties associated with email service persistence cache. Persistence cache is responsible for managing email message content cache in the middle tier.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SMTPEnabled	boolean	true	All permitted values	Yes	No	Specifies whether or not Oracle Beehive's native Simple Mail Transport Protocol (SMTP) service is enabled. Valid values: true, false

Table 4–57 (Cont.) EmailService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SMTPProperties	EmailService.SMTPProperties	n/a	All permitted values	No	Yes	A group of properties associated with SMTP server component. SMTP server is responsible for accepting email traffic from remote hosts and commit delivering responsibility for email messages.
SaveParseErrorEmails	boolean	false	All permitted values	Yes	No	Specifies whether or not the system will save e-mail messages that it cannot parse. The system will save unparsed e-mail messages in a local directory under the persistent storage root. Valid values: true, false
SortByAddressOnly	boolean	false	All permitted values	Yes	No	Whether senders should be sorted by email address without the displayed name portion in the web client. With this value set to false, senders will be sorted by the displayed name instead
SubjectSortingGroupingRules	List<String>	<code>[^(^\\[[fF][wW][dD];()*)(()*(\\\$), 3]</code>	All permitted values	Yes	No	List of regular expressions and group numbers, interleaved so item i+1 denotes group to be returned for matched expression i where i = sequence 0, 2, 4,... etc.
SubjectSortingReplacementRules	List<String>	<code>[[\t\n\r],, ^()+, ()+\$, ()+, , ^([rR][eE] [fF][wW][dD])?);, , \([fF][wW][dD])\\$,]</code>	All permitted values	Yes	No	List of regular expressions and replacement strings, interleaved so item i+1 denotes replacement string for matched expression i where i = sequence 0, 2, 4,... etc.
TimeoutCheckingInterval	long	60000	Min=0, Max=9223372036854775807	Yes	No	The best resolution (precision) for any timeout in the email system. Applies to several protocols and facilities. This is the tolerance band for any email-related timeout.
TransportProperties	EmailService.TransportProperties	n/a	All permitted values	No	Yes	A group of properties associated with email service transport component. Transport component is responsible for processing and delivering email messages to their destinations.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

EmailService.CSIProperties

The following properties are available for EmailService.CSIProperties:

Table 4–58 EmailService.CSIProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxLoadCount	int	20000	Min=0, Max=500000	Yes	No	Max number of items to load in a single CSI load request if the load is requested with any projection other than EMPTY. Otherwise the number is unlimited. This prevents client requests to cause out of memory errors on the server side. It is recommended that this parameter to be tuned assuming each item takes approximately 10KB of memory footprint.
StreamBufferSize	int	8192	Min=0, Max=2147483647	Yes	No	The size (in bytes) of the buffered streams used for CSI based streaming
StreamMaxReadChunkSize	int	16384	Min=0, Max=2147483647	Yes	No	CSI based stream max read chunk size in bytes
StreamMaxWriteChunkSize	int	16384	Min=0, Max=2147483647	Yes	No	CSI based stream max write chunk size in bytes
StreamPreFetchSize	int	0	Min=-1, Max=2147483647	Yes	No	CSI based stream pre-fetch buffer size in bytes
StreamTimeout	long	300000	Min=0, Max=9223372036854775807	Yes	No	Timeout (in relative milliseconds) until an inactive stream of mail data is abandoned, under the assumption the client has lost connectivity with the server or has crashed.
VMSProperties	String	Outbound VMS	All permitted values	Yes	No	Use this VMS Properties object as a policy to enforce upon all CSI email requests. In particular all CSI Email request will be subject to the limit placed by the VMS Properties MaxRcptsPerTx and MaxSzAbortTxn.

EmailService.EndpointProperties

The following properties are available for EmailService.EndpointProperties:

Table 4–59 EmailService.EndpointProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
EndpointName	String	default	All permitted values	Yes	No	Name of the endpoint, it can be any arbitrary descriptive string identifying the endpoint
EndpointScheme	String	default	All permitted values	Yes	No	Scheme for this endpoint. It is a colon-delimited string containing protocol of the endpoint and port number. The format of the scheme is PROTOCOL:*.PORT, for example, MX:*.25 represent a beehive MX endpoint connection on port 25. Available protocols are MX, MXS (MX over SSL), TCP and BUS.

EmailService.IMAPProperties

The following properties are available for EmailService.IMAPProperties:

Table 4–60 EmailService.IMAPProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AssumeSingleEndpoint	boolean	true	All permitted values	Yes	No	If this property is true, the Port property will be used as the listening port. This is a simplification over the more complex list of Endpoints which permit multiple ports for a single instance.
CacheMessageSize	long	12	Min=1, Max=9223372036854775807	Yes	No	Property giving the approximate size in bytes of each message cached in memory
ClientKeepAliveInterval	long	10000	Min=0, Max=9223372036854775807	Yes	No	Get the interval after which some unsolicited response is sent to a client to keep it active (in milliseconds)
EndpointPropertiesList	List<EndpointProperties> (Structural property)	n/a	All permitted values	Yes	No	If Assume Single Endpoint is false, this property defines a list of listening endpoints.
FolderCacheDirectory	String	../..//beehive/mailspool/temp/imap	All permitted values	Yes	No	The IMAP folder cache directory. IMAP will store temporary files in this directory
FolderOpenBatchSize	int	1000	Min=1, Max=2147483647	Yes	No	Property controlling the batch size IMAP uses to drain the cursor while opening a folder for SELECT or EXAMINE. Setting a small number will reduce memory usage but will impact performance
FolderPollingInterval	long	20000	Min=0, Max=9223372036854775807	Yes	No	The interval by-which the database is polled for changes to the currently selected IMAP folder
FolderSyncBatchSize	int	50	Min=1, Max=2147483647	Yes	No	Get the batch size used for checking updates to folders

Table 4–60 (Cont.) EmailService.IMAPProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LoginErrorThreshold	int	3	Min=0, Max=2147483647	Yes	No	Get the number of login errors tolerated before the connection is forcibly closed.
MaxFolderCacheSize	long	52428800	Min=0, Max=2147483647	Yes	No	Property controlling the maximum amount of memory available for IMAP folder caching
MaxSessions	int	1024	Min=0, Max=2147483647	Yes	No	Maximum number of IMAP sessions server will permit per service instance
MessageLoadBatchSize	int	50	Min=0, Max=100	Yes	No	Property controlling the batch size IMAP uses to load messages from the database. Setting a small number will reduce memory usage but will impact performance. A larger number will improve performance but will increase memory usage per selected folder
ParseErrorThreshold	int	3	Min=0, Max=2147483647	Yes	No	The number of consecutive parser errors tolerated before the connection is forcibly closed.
Port	int	143	Network Port, Min=1, Max=65536	Yes	No	If the property Assume Single Endpoint is enabled (true), then this is the port which the IMAP server will use to accept new connections. If Assume Single Endpoint is false, this property is ignored.
ProtocolLoggingEnabled	boolean	false	All permitted values	Yes	No	Whether IMAP protocol logging is enabled. If enabled, IMAP protocol exchange will be captured and logged under logger oracle.ocs.mail.IMAPLogger with log level INFO.
ServerSessionConcurrency	int	23	Min=1, Max=2147483647	Yes	No	Max number of concurrent sessions which can be serviced as a given moment
SessionTimeout	long	1800000	Min=0, Max=9223372036854775807	Yes	No	The duration in milliseconds after which inactive IMAP sessions are automatically logged out and closed.
ShowInstanceNameInBanner	boolean	false	All permitted values	Yes	No	Show IMAP server instance ID in protocol banner display, it identifies a specific application server process that hosts the IMAP server. This can be enabled to help diagnostics when problem arises.
StreamReadBufferSize	int	32768	Min=1, Max=2147483647	Yes	No	Size of temp buffer used when reading from a client stream

Table 4–60 (Cont.) EmailService.IMAPProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SurrogateAuth	boolean	false	All permitted values	Yes	No	If true, IMAP allows surrogate authentication during login
TlsMandatory	boolean	false	All permitted values	Yes	No	If true, when UseTls is enabled IMAP makes STARTTLS mandatory.
UseTls	boolean	false	All permitted values	Yes	No	If true, IMAP advertises STARTTLS capability.

EmailService.PersistenceProperties

The following properties are available for EmailService.PersistenceProperties:

Table 4–61 EmailService.PersistenceProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CopyBatchSize	int	1000	Min=1, Max=1000	Yes	No	Batch size for copy operation. This parameter controls how many messages to copy at a time when the request is huge. Breaking the operation in chunks put less strain on the database
DbConnRetry	String	1000,5000,9000	All permitted values	Yes	No	Attempts to retry a database operation on connection failure. This is employed to support automatic fail-over on clustered database systems. The value is a comma delimited list of successive retry intervals in miliseconds.
DeleteBatchSize	int	100	Min=1, Max=100	Yes	No	Batch size for delete operation. This parameter controls how many messages to delete at a time when the request is huge. Breaking the operation in chunks put less strain on the database
DurableFileRoot	String	../../beehive/mailspool/perm	All permitted values	Yes	No	Root directory under which problematic emails will be saved. This directory should be visible only to the operating system user of the instance, as it contains sensitive data (emails). If a relative path is used rather than absolute, it will be relative to the home directory of the instance
MoveBatchSize	int	1000	Min=1, Max=1000	Yes	No	Batch size for move operation. This parameter controls how many messages to move at a time when the request is huge. Breaking the operation in chunks put less strain on the database
PldStoreCacheLinger	long	180000	Min=0, Max=9223372036854775807	Yes	No	Time (in milliseconds) for an unreferenced record to linger in the cache

Table 4–61 (Cont.) EmailService.PersistenceProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
PldStoreCleanupInterval	int	86400	Min=0, Max=2147483647	Yes	No	Interval (in seconds) for performing payload store cleanup
PldStoreMaxMemCachedRecords	int	2000	Min=0, Max=2147483647	Yes	No	Maximum number of memory cached records for payload store
PldStoreMaxOpenFDs	int	1000	Min=0, Max=2147483647	Yes	No	Maximum number of open file descriptors used as cache of files being read/written by payload store
PldStoreRecordCacheSize	int	50000	Min=0, Max=2147483647	Yes	No	Size of a cached payload record (in bytes).
PldStoreStreamBufSz	int	8192	Min=0, Max=2147483647	Yes	No	The size (in bytes) of the buffered streams used for file-cached records
TempFileRoot	String	../../beehive/mailspool/temp	All permitted values	Yes	No	Root directory under which temporary emails will be written to disk. This directory should be visible only to the operating system user of the instance, as it contains sensitive data (emails). If a relative path is used rather than absolute, it will be relative to the home directory of the instance.
UndeleteBatchSize	int	1000	Min=1, Max=1000	Yes	No	Batch size for undelete operation. This parameter controls how many messages to undelete at a time when the request is huge. Breaking the operation in chunks put less strain on the database
UpdateFlagsBatchSize	int	1000	Min=1, Max=1000	Yes	No	Batch size for update operation. This parameter controls how many messages to update at a time when the request is huge. Breaking the operation in chunks put less strain on the database

EmailService.SMTPProperties

The following properties are available for EmailService.SMTPProperties:

Table 4–62 EmailService.SMTPProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AssumeSingleEndpoint	boolean	true	All permitted values	Yes	No	If this property is true, the Port property will be used as the listening port. This is a simplification over the more complex list of Endpoints which permit multiple ports for a single instance.
Authentication	boolean	false	All permitted values	Yes	No	If true, the system will advertise the SMTP AUTH extension.
DSNEnabled	boolean	true	All permitted values	Yes	No	If true Delivery Status Notifications are sent when requested by client or by protocol convention
EndpointPropertiesList	List<EndpointProperties> (Structural property)	n/a	All permitted values	Yes	No	If Assume Single Endpoint is false, this property defines a list of listening endpoints.
Port	int	25	Network Port, Min=1, Max=65536	Yes	No	If the property Assume Single Endpoint is enabled (true), then this is the port which the SMTP server will use to accept new connections. If Assume Single Endpoint is false, this property is ignored.
ProtocolLoggingEnabled	boolean	false	All permitted values	Yes	No	Whether SMTP protocol exchange is logged. If enabled, SMTP protocol exchange will be captured and logged under logger oracle.ocs.mail.SMTPLogger with log level INFO
RelayProtocolLoggingEnabled	boolean	false	All permitted values	Yes	No	Whether SMTP outbound protocol exchange is logged. If enabled, SMTP outbound exchange will be captured and logged under logger oracle.ocs.mail.SMTPRelayLogger with log level INFO
SendMailEvenIfNoTls	boolean	false	All permitted values	Yes	No	If true, SMTP outbound sends mail even if remote server doesn't support TLS or STARTTLS command fails.
ServerSessionConcurrency	int	23	Min=1, Max=2147483647	Yes	No	SMTP server thread pool size
UseTls	boolean	false	All permitted values	Yes	No	If true, the system will advertise the SMTP STARTTLS extension.
VMSEvaluatorTopLevel	String	default	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.EmailServiceBundle, key SMTP_VMS_EVALUATOR_TOPLEVEL_LONG_DESC
VMSPPropertiesList	List<VMSPProperties> (Structural property)	n/a	All permitted values	Yes	No	The list of virtual mail servers for this instance.

EmailService.SMTPProperties.VMSProperties

The following properties are available for
EmailService.SMTPProperties.VMSProperties:

Table 4–63 EmailService.SMTPProperties.VMSProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthMandatory	boolean	false	All permitted values	Yes	No	If true and Authentication is enabled, SMTP requires authentication before accepting mail.
CustomDisplayName	String	server	All permitted values	Yes	No	The custom name of the server, as will be seen on the initial salutation of the SMTP protocol. Note that this property is not read unless Use Default Display Name is set to false.
CustomDomainName	String	default	All permitted values	Yes	No	A domain name for this virtual mail server which differs from the system-wide domain name. This property is not used unless Use Default Domain Name is set to false.
CustomProductVersion	String	default	All permitted values	Yes	No	A custom version of the product, different than that which shipped from Oracle. This property is not used unless Use Custom Default Product Version is set to false.
LogAllExceptions	boolean	false	All permitted values	Yes	No	Should all exceptions be logged. Setting to false prevents reporting of the (many types of) problems that can occur with remote clients (esp in the Internet).
MaxAbortedTransactionsPerSession	int	100	Min=1, Max=2147483647	Yes	No	Maximum number of aborted transactions per session before the client is assumed to be engaging in some form of denial-of-service attack and is terminated.
MaxBadTransitionsPerSession	int	20	Min=1, Max=2147483647	Yes	No	Maximum number of illegal (out of sequence) SMTP commands before the session is assumed to be an attacker and is closed.
MaxCommandLineSize	int	2048	Min=1, Max=2147483647	Yes	No	Maximum size (in bytes) of a single SMTP line. Note that this value should not be set to the minimum defined in the SMTP specification, as some legitimate mail servers violate that specification. Rather, this value is intended to be large enough to accept mails from poor-conforming mail servers yet reject attempts at denial of service or buffer overflow attacks.

Table 4–63 (Cont.) EmailService.SMTPProperties.VMSProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxRcptsPerTx	int	101	Min=1, Max=2147483647	Yes	No	Maximum number of recipients per transaction. It is advised to set this number above 100 as per the SMTP specification. When this number is exceeded, subsequent RCPT TO commands will receive an error.
MaxRejectedAddressesPerSession	int	1000	Min=0, Max=2147483647	Yes	No	Maximum number of rejected recipients before a given session is assumed to be illegitimate, and it terminated. This is useful to prevent address-harvesting by senders of unwanted email.
MaxSizeBeforeAttacksSuspected	long	100000000	Min=0, Max=9223372036854775807	Yes	No	Maximum email size received before the client is assumed to be engaged in a denial of service attack. Once this threshold is crossed, the client session is abruptly terminated. Note that this differs from Max Mail Size in that mails exceeding that value do not result in termination of the entire session.
MaxSzAbortTx	long	10000000	Min=0, Max=9223372036854775807	Yes	No	Maximum size for an email on this virtual mail server. Note that Use Default Max Size must be set to false for this property to be read.
MaxUselessCommandsPerSession	int	5000	Min=0, Max=2147483647	Yes	No	Maximum number of commands with no effect (e.g. NOOP) per session before we assume that the client is engaged in some form of denial of service attack.
NextCommandTimeout	int	301000	Min=1, Max=2147483647	Yes	No	Inactivity timeout (in milliseconds) for clients between issuing commands. Note that this does not include the SMTP DATA command.
NextDataChunkTimeout	int	301000	Min=1, Max=2147483647	Yes	No	Timeout (in milliseconds) waiting for next packet during the receive portion of the DATA command.
QuitWriteTimeout	int	60000	Min=1, Max=2147483647	Yes	No	Timeout (in milliseconds) waiting for remote client to consume the ACK of the QUIT command
RecipientMatcherTopLevel	String	default	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.EmailServiceBundle, key VMS_RECIPIENT_MATCHER_TOPLEVEL_LONG_DESC
RejectAll	boolean	false	All permitted values	Yes	No	If true, this virtual mail server will reject all connections.

Table 4–63 (Cont.) EmailService.SMTPProperties.VMSProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SenderMatcherTopLevel	String	default	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.EmailServiceBundle, key VMS_SENDER_MATCHER_TOPLEVEL_LONG_DESC
ShowInstanceNameInBanner	boolean	false	All permitted values	Yes	No	Show SMTP server instance ID in protocol banner display, it identifies a specific application server process that hosts the SMTP server. This can be enabled to help diagnostics when problem arises.
SupressReceivedFrom	boolean	false	All permitted values	Yes	No	If true, the client IP/hostname will not be embedded in the RECEIVED header added to email headers.
SupressResponseText	boolean	false	All permitted values	Yes	No	If true, SMTP responses to not carry the debugging information in addition to the SMTP codes.
TlsMandatory	boolean	false	All permitted values	Yes	No	If true and UseTls is enabled, SMTP requires TLS.
UseDefaultDisplayName	boolean	false	All permitted values	Yes	No	If false, the Custom Display Name is used. Otherwise, the original product name is used.
UseDefaultDomainName	boolean	true	All permitted values	Yes	No	If false, this virtual mail server will advertise a domain different than the rest of the system.
UseDefaultMaxSz	boolean	true	All permitted values	Yes	No	If false, the global maximum email size will not be used and instead the Max Email Size defined for this virtual mail server will be used.
UseDefaultProductVersion	boolean	false	All permitted values	Yes	No	If false, the Custom Product Version is returned as part of the SMTP salutation
VMSName	String	default	All permitted values	Yes	No	The administrator-assigned name of this virtual mail server.

EmailService.TransportProperties

The following properties are available for EmailService.TransportProperties:

Table 4–64 *EmailService.TransportProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AcceptInvalidLocalUsers	boolean	false	All permitted values	Yes	No	Indicates if non-existent local users should be accepted by the system and treated as remote recipients. Should be set to true when users for a single domain exist in this and another email system.
DeliveryConcurrency	int	5	Min=1, Max=2147483647	Yes	No	The maximum number of concurrent threads which will be dedicated to delivering a given email. This is employed when a single email is destined for a large number of recipients, and serves to prevent high-recipient emails from consuming excessive system resources.
DeliveryTopLevel	String	default	All permitted values	Yes	No	XML encoded delivery routing rules. This includes both properties settable from beekeeper and possible freelance groovy scripts. These rules are applied to determine the next stop for any given mail being relayed.
InMemoryQueueSize	int	250	Min=0, Max=2147483647	Yes	No	Maximum number of emails received at a given instance which have yet to be processed. This can be thought of as a backlog of emails. Should this value be exceeded, emails will be received but not processed at the current instance.
KeepAliveInterval	long	300000	Min=60000, Max=9223372036854775807	Yes	No	Time (in milliseconds) between server registration to signal its alive status by the email service instance.
LocalDeliveryBatchSize	int	100	Min=1, Max=2147483647	Yes	No	Number of recipients in a batch of local recipients. Local recipients are those who maintain an inbox within the current system.
MaxReceivedHeaders	int	25	All permitted values	Yes	No	Max number of "Received:" allowed in a message before it is discarded. A high number of this header present in a message signals a possible routing loop.
MaxRetryPeriod	long	432000000	Min=0, Max=9223372036854775807	Yes	No	Time (in milliseconds) after receipt of an email that delivery is no longer attempted.
MaximumDBMessageQueuePercentage	int	80	Min=0, Max=100	Yes	No	Maximum percentage of queue size reserved for retry and recovery. An idle system with relatively high server restart requirements or relatively high temporary delivery failure (such as due to quota overflow) can increase this value to improve efficiency of the system.

Table 4–64 (Cont.) EmailService.TransportProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MinimumDBMessageQueuePercentage	int	20	Min=0, Max=100	Yes	No	Minimum percentage of queue size reserved for retry and recovery. An idle system with relatively high server restart requirements or relatively high temporary delivery failure (such as due to quota overflow) can increase this value to improve efficiency of the system.
MsgTerminusTopLevel	String	default	All permitted values	Yes	No	XML encoded message terminus rules. This includes both properties settable from beekeeper and possible freelance groovy scripts. These rules are applied when a given message ends its lifecycle in the email transport system, including successful delivery or permanent failure of all its recipients.
PreResolutionTopLevel	String	default	All permitted values	Yes	No	XML encoded pre-resolution rules including both properties settable from beekeeper and possible freelance groovy scripts. These rules are to be applied during message processing before any of the recipients are resolved
ProcessingEnabled	boolean	true	All permitted values	Yes	No	If this value is false, it has the effect of preventing any received/delayed emails from being delivered.
QueuePollInterval	long	120000	Min=0, Max=9223372036854775807	Yes	No	Time (in milliseconds) between retry and recovery queue polling by the transport system.
RelayServer	String	default	All permitted values	Yes	No	If the property Simple Relay Mode is true, then this is the name of the relay server to be used.
ResolutionTopLevel	String	default	All permitted values	Yes	No	XML encoded post-resolution rules including both properties settable from beekeeper and possible freelance groovy scripts. These rules are to be applied during message processing after all the recipients are resolved.
RetryInterval	int	1800000	Min=-1, Max=2147483647	Yes	No	Time (in milliseconds) between delivery attempts for an email which has at least one undeliverable recipient.
SMTPDeliveryBatchSize	int	100	Min=1, Max=2147483647	Yes	No	The maximum number of recipients within a given SMTP transaction. As per the specifications for SMTP, this value should not exceed 100.

Table 4–64 (Cont.) EmailService.TransportProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SMTPDeliveryCheckpoint	int	5	Min=1, Max=2147483647	Yes	No	This value controls how often the status of recipients is recorded during delivery of messages to large number of recipients/domains. If this value is small, there is less of a chance of duplicate mail in the event of a system crash. However, smaller settings for this value result in more system load.
ScanOnUpload	boolean	false	All permitted values	Yes	No	If true, emails are scanned as they are uploaded to the system. Upload includes IMAP APPEND as well as API calls which insert, rather than send, emails. Scanning on send is controlled by the pre/post resolution rules.
SentEmailPluginEnabled	boolean	false	All permitted values	Yes	No	Whether plug-ins are enabled to be executed after a mail is received. These are internal bookkeeping plugins designed for record management or auditing.
SimpleRelayMode	boolean	true	All permitted values	Yes	No	If true, the XML-based Delivery Rules are not used. Instead, a simpler configuration is assumed where the administrator need only supply a relay host (via the Relay Server property). If this value is true yet the Relay Server is unset, an error will be issued and email delivery will be prevented.
ThreadPoolSize	int	10	Min=1, Max=2147483647	Yes	No	Number of threads within the processing thread pool

Enterprise

The following properties are available for Enterprise:

Table 4–65 Enterprise Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CollabId	CollabId	n/a	All permitted values	No	Yes	The Collabid of this Enterprise
Name	String	n/a	All permitted values	Yes	No	the name of the system object.

EventService

The following properties are available for EventService:

Table 4–66 EventService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AsyncActionRetryCount	int	5	All permitted values	Yes	No	The Event Service will retry the specified number of times when the action handler fails to process the event. The Event Service moves the event to the failed queue after it has retried the specified number of times. Also see AsyncActionRetryInterval parameter.
AsyncActionRetryInterval	int	5	All permitted values	Yes	No	Time interval in minutes between retries of failed action. Also see AsyncActionRetryCount parameter.
AsyncLogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	WARNING	All permitted values	Yes	No	The log level is used by the Business Event processing engine to determine the detail of the logs written. The log level of FINEST will write the most detailed log messages, and SEVERE will log the least.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–66 (Cont.) EventService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxThreadPoolSize	int	10	All permitted values	Yes	No	A correctly sized thread pool will be able to keep up with the load of the java action queue. If the action queue keeps growing, and the Event Service is not able to keep up with the load, then this value should be increased. Be aware a larger pool size may require more database and mid-tier resources to keep up with the load.
PreEvaluateThresholdRuleCount	int	1000	All permitted values	Yes	No	The purpose of this parameter is to tune the overall system performance in regards to event processing. The threshold number is in relationship to the total number of subscription conditions (or rules) per event type (such as DOCUMENT, EMAIL, CALENDAR, etc.). If this number is smaller than the total number of rules, and the total number of rules is very large, it is possible that pre-evaluating the rules can take more time. If this number is larger than the total number of rules, the Event Service will not pre-evaluate any rules. It will automatically queue all events which may not have any matching subscriptions, and therefore not be very efficient.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ExpertiseService

The following properties are available for ExpertiseService:

Table 4–67 ExpertiseService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActiveLanguages	List<String>	[English]	This property has a customized constraint.	Yes	No	This property specifies the list of languages which are active. Currently, the supported languages are English, French and German
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
EnableExpertiseRequestExpiration	Boolean	true	All permitted values	Yes	No	Flag to enable periodic expiration of ExpertiseRequests. A request is said to expire if there has been no activity (posts to discussion forum) prior to the expiration interval. Expired requests will be periodically purged from the system. The allowed values are true or false.
ExpertiseRequestExpirationInterval	int	90	This property has a customized constraint.	Yes	No	Interval in days after which an Expertise Request is said to expire, if there has been no activity (posts to discussion forum) for it. The interval must be somewhere between 30 days and 180 days.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–67 (Cont.) ExpertiseService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxArtifactSize	int	15728640	This property has a customized constraint.	Yes	No	This property specifies the maximum size of an artifact that would be profiled. The default value is 15728640 bytes which is equivalent to 15 megabytes.
MaxNumPublicTermsPerProfile	int	100	This property has a customized constraint.	Yes	No	This property specifies the maximum number of public terms a user can have in her profile. This is a global setting applicable to all users. The default value is 100
MaxNumTermsPerProfile	int	10000	This property has a customized constraint.	Yes	No	This property specifies the maximum number of terms a user can have in her profile. This is a global setting applicable to all users. A valid value is anything between 500 and 10000. The default value is 10000
MaxNumUsersForBrokeredRequest	int	50	This property has a customized constraint.	Yes	No	This property specifies the maximum number of size to whom brokered requests would be sent. The default value is set at 50. Any positive value upto 100 is acceptable.
NumDaysFetchContent	int	90	This property has a customized constraint.	Yes	No	This property specifies the number of days to go back in time to fetch content (messages) for profiling for bootstrapped users. The default value is set at 90 days. Any value upto 365 days is acceptable.
NumProfilerParallelRuns	int	10	This property has a customized constraint.	Yes	No	This property specifies the number of threads of the profiler that could run.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ExternalJ2eeApplication

The following properties are available for ExternalJ2eeApplication:

Table 4–68 ExternalJ2eeApplication Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdminPassword	SecureString	n/a	All permitted values	Yes	No	the password of the oc4j admin user
AdminUsername	String	oc4jadmin	All permitted values	Yes	No	the name of the oc4j admin user
Hostname	String	n/a	All permitted values	Yes	No	the hostname used for generating urls to access the application.
Oc4jName	String	n/a	All permitted values	No	No	the name of the oc4j
OpmnRequestPort	int	n/a	All permitted values	Yes	No	the opmn request port for generating urls to access the application.

FaxMessageService

The following properties are available for FaxMessageService:

Table 4–69 FaxMessageService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DebugFlags	Integer	n/a	All permitted values	Yes	No	description bundle not set

Table 4–69 (Cont.) FaxMessageService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

FtpService

The following properties are available for FtpService:

Table 4–70 FtpService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActiveModeEnabled	boolean	false	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.FtpBundle, key FTP_ENABLE_ACTIVE_LONG_DESC
ChannelSecurity	String	PLAIN_AND_TLS	All permitted values	Yes	No	Specifies the types of connections the system will accept. Valid values are TLS, PLAIN and PLAIN_TLS.
DMSInstrumentation	boolean	false	All permitted values	Yes	No	Collects DMS statistics if the value is set to TRUE.
DataConnectionPort	int	21000	Network Port, Min=1, Max=65536	Yes	No	Starting port number from which FTP data connections are created in passive mode.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.

Table 4–70 (Cont.) FtpService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DefaultCommandCharacterSet	String	UTF-8	All permitted values	Yes	No	Default command character set used to interpret FTP commands and arguments.
DefaultDataPort	int	2120	Network Port, Min=1, Max=65536	Yes	No	The default data port number from which the FTP server will make outbound connections in PORT mode..
FtpServerEnabled	boolean	true	All permitted values	Yes	No	Specifies whether or not the BEEHIVE FTP server is enabled. If enabled (true), the FTP server accepts client requests. Valid values: true, false.
InternalIP	String	DEFAULT	All permitted values	Yes	No	This parameter gives the IP address that needs to be returned as response to PASV command for DMZ deployments.
ListeningPoint	String	DEFAULT	All permitted values	Yes	No	Listening points (network interface groups) that the system's FTP server will support. Valid values are : INTERNAL, EXTERNAL, DEFAULT and INTERNAL_EXTERNAL.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–70 (Cont.) FtpService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxDCPortCount	int	1000	All permitted values	Yes	No	The maximum number of ports the FTP service can use for passive listening.
Port	int	2121	Network Port, Min=1, Max=65536	Yes	No	The port at which the FTP server listens for client requests.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SessionTimeout	int	900000	All permitted values	Yes	No	The amount of time (in milliseconds) that the FTP server will wait for a request from a connected client before terminating the session..
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UploadBufferSize	int	260096	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while uploading stream data. Deployments that typically stream small files, as well as those with limited midtier memory, may improve performance by setting this value below the default. Deployments with a large amount of midtier memory may likewise improve performance by setting this value above the default.

HasHelpLink

The following properties are available for HasHelpLink:

Table 4–71 HasHelpLink Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
HelpLink	String	n/a	All permitted values	Yes	No	A configurable link to help text for Beehive clients.

HttpServer

The following properties are available for HttpServer:

Table 4–72 HttpServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BeehiveInstance	BeehiveInstance	n/a	All permitted values	No	No	The BeehiveInstance with which this HttpServer is associated.
DocRootLimitExcept	String	GET POST	All permitted values	Yes	No	Restrict access controls to all HTTP methods except the named ones.
HttpListenPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The port to which the http server listens. This port is used when starting without SSL

Table 4–72 (Cont.) HttpServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
HttpServerCluster	HttpServerCluster	n/a	All permitted values	Yes	No	Each httpserver is associated with a cluster and each site typically has atleast one and only cluster. A HttpServerCluster has properties common to all httpserver's in the cluster.
HttpSslListenPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The port to which the http server listens when ssl is enabled. This port is used when starting with SSL
KeepAliveTimeout	Integer	15	All permitted values	Yes	No	Idle connection to the server will be alive until this timeout limit
LockFile	File	apache/httpd.lock	All permitted values	Yes	No	The lockfile is used when the server needs to lock the accept call. It must be stored on a local disk.
LogLevel	HttpServer.HttpServerLogLevel (Legal values: emerg, alert, crit, error, warn, notice, info, debug)	notice	All permitted values	Yes	No	Controls the verbosity of the ErrorLog. The following levels are available, in order of decreasing significance:emerg, alert, crit, error, warn, notice, info and debug.
MaxClients	Integer	150	All permitted values	Yes	No	Limit on the number of clients who can simultaneously connect. if this limit is ever reached, clients will be LOCKED OUT, so it should NOT BE SET TOO LOW. It is intended mainly as a brake to keep a runaway server from taking the system with it as it spirals down.
OsGroup	String	n/a	All permitted values	No	Yes	The group to run httpd as.
OsUser	String	n/a	All permitted values	No	Yes	The user to run httpd as.
SSLLogLevel	HttpServer.HttpServerSSLLogLevel (Legal values: none, error, warn, info, trace, debug)	warn	All permitted values	Yes	No	Controls the verbosity of the SSL ErrorLog. The following levels are available, in order of decreasing significance:none, error, warn, info, trace, and debug.
ServerAdmin	String	" "	All permitted values	Yes	No	Your address, where problems with the server should be e-mailed. This address appears on some server-generated pages, such as error documents.
ServerRoot	String	n/a	All permitted values	No	Yes	The top of the directory tree under which the server's configuration, error, and log files are kept.
Timeout	Integer	60	All permitted values	Yes	No	The number of seconds before receives and sends time out.

HttpServerCluster

The following properties are available for HttpServerCluster:

Table 4–73 HttpServerCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
HttpServerSslEnabled	Boolean	true	All permitted values	Yes	No	If Http ssl is enabled in this HttpServer Cluster.
HttpServers	Set<HttpServer> (Structural property)	n/a	All permitted values	Yes	No	The set of HttpServer's associated with this cluster.
ModOc4jMaxErrors	Integer	1	All permitted values	Yes	No	Oc4jSet MaxErrors in mod_oc4j.conf.
SslTerminatedByLoad Balancer	Boolean	false	All permitted values	Yes	No	If Http ssl is terminated by the load balancer.

IdMap

The following properties are available for IdMap:

Table 4–74 IdMap Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Map	Map<String,String>	n/a	All permitted values	Yes	No	Specifies the map of identity format to identity mapping attribute. Valid identity format values include: unspecified; email_addr; x509_subject; windows_dqn. Valid identity mapping attribute could be any User Directory Service address attribute.

IdentityProviderService

The following properties are available for IdentityProviderService:

Table 4–75 IdentityProviderService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
IdpSAMLIdentity	SAMLIdentity	n/a	All permitted values	Yes	No	Specifies the alias to the key and/or certificate of the Oracle Beehive SAML identity provider listed in the Oracle Wallet.
IdpUrl	String	n/a	All permitted values	Yes	No	Specifies the URL of the SAML identity provider for system.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SpSAMLIdentity	SAMLIdentity	n/a	All permitted values	Yes	No	Specifies the alias to the key and/or certificate of the Oracle Beehive SAML service provider listed in the Oracle Wallet.
SpUrl	String	n/a	All permitted values	Yes	No	Specifies the URL of the SAML service provider.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ImService

The following properties are available for ImService:

Table 4–76 ImService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ArchivingEnabled	boolean	false	All permitted values	Yes	No	Set this parameter to true to enable organisation level archiving. If this is set to false, user level archiving preference has no effect.
ChatRoomTranscripts On	boolean	false	All permitted values	Yes	No	Set this to true if chatroom conversations need to be archived. False otherwise(default).
ChatRoomXhtmlForm attingOn	boolean	true	All permitted values	Yes	No	Set this to true if XHTML formatting needs to be enabled in chat rooms(default). Set to false otherwise.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
ImBufferStageSize	int	500000	Min=100000, Max=300000 0	Yes	No	This value defines the maximum size of the buffer to keep instant messages in memory before they are written into database as transcripts. The default value is 500Kb. Please note that the instant messages can be written to db before this maximum is reached. This is possible on account of expiration of im_purging_period_timer.
ImEndPointDeathDete ctionTime	int	5	Min=5, Max=300	Yes	No	This property allows the admin to set the time interval at which the ImServiceInstance should send KEEP_ALIVE packets to the IPAs. This enables the IPAs to detect any ImService instance going down. The value is in seconds with a default of 5 s.

Table 4–76 (Cont.) *ImService Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ImOfflinePurgingPeriodTimer	int	5	Min=2, Max=120	Yes	No	This value allows the admin to set the maximum time for which offline instant messages can be buffered in memory before they are written to DB in chunks. The default is 5 secs. Please note that the instant messages can be written to db even before this timer expires. This is possible on account of 100 offline buffered messages.
ImPurgingPeriodTimer	int	300	Min=60, Max=600	Yes	No	This value allows the admin to set the maximum time for which instant messages can be buffered in memory before they are written to DB in chunks. The default is 300 secs. Please note that the instant messages can be written to db even before this timer expires. This is possible on account of the buffer reaching its maximum size limit as defined by the im_buffer_stage_size property.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxRoomCount	int	10000	Min=0, Max=100000	Yes	No	This is the maximum number of rooms that are allowed by the server. Initial value is set to 10000
MaxUsersInRoom	int	100	Min=2, Max=500	Yes	No	This is the maximum number of users allowed in any room on the server. Initial value is set to 100.
OnlyPasswordProtectedRooms	boolean	false	All permitted values	Yes	No	Set this parameter to true if only password protected rooms are to be allowed in the server. If set to false (default) non password protected rooms are also allowed.

Table 4–76 (Cont.) ImService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
PendingMessagesLimit	int	1100	Min=11, Max=2147483647	Yes	No	This value sets the limit on the number of pending messages on the bus session before the send operation blocks. This is used for flow control of messages. The default value is of 1100. A larger value allows for more concurrency and lower value allows for less concurrency. This value also effects the memory usage determined by the pending messages in the session buffer.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the serice.
ReplayMessageHistoryOnJoin	boolean	false	All permitted values	Yes	No	Set this to true if all messages exchanged in the room since the first user joined the room are to be replayed, Set to false otherwise (default).
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

IrmService

The following properties are available for IrmService:

Table 4–77 IrmService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ClassificationId	String	n/a	All permitted values	Yes	No	IRM_CID_L_DESC
ClassificationLabelDescription	String	n/a	All permitted values	Yes	No	IRM_CLD_L_DESC
ClassificationLabelName	String	n/a	All permitted values	Yes	No	IRM_CLNM_L_DESC
ClassificationLocale	String	n/a	All permitted values	Yes	No	IRM_CLL_L_DESC
ClassificationSystemId	String	n/a	All permitted values	Yes	No	IRM_CSID_L_DESC
ContentLabelDescription	String	n/a	All permitted values	Yes	No	IRM_CCLD_L_DESC
ContentLabelLocale	String	n/a	All permitted values	Yes	No	IRM_CCLL_L_DESC
ContentLabelName	String	n/a	All permitted values	Yes	No	IRM_CCLN_L_DESC

Table 4–77 (Cont.) IrmService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DesktopSyncURI	String	n/a	All permitted values	Yes	No	IRM_DURI_L_DESC
DesktopURI	String	n/a	All permitted values	Yes	No	IRM_DURI_L_DESC
IrmDesktopServiceEndPoint	String	n/a	All permitted values	Yes	No	IRM_ENDPT_L_DESC
IrmSealingServiceEndPoint	String	n/a	All permitted values	Yes	No	IRM_ENDPT_L_DESC
IrmUserName	String	n/a	All permitted values	Yes	No	IRM_UNAME_L_DESC
IrmUserPassword	SecureString	n/a	All permitted values	Yes	No	IRM_UPWD_L_DESC
KeySetUUID	String	n/a	All permitted values	Yes	No	IRM_KEYSETID_L_DESC
LicenseExpirationTime	int	30	All permitted values	Yes	No	IRM_LIC_EXP_L_DESC

Table 4–77 (Cont.) IrmService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RequiresHttpAuth	boolean	false	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.IrmServiceBundle, key IRM_AUTH_L_DESC
RequiresHttps	boolean	false	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.IrmServiceBundle, key IRM_HTTPS_L_DESC
SystemLabelDescription	String	n/a	All permitted values	Yes	No	IRM_CCLD_L_DESC
SystemLabelLocale	String	n/a	All permitted values	Yes	No	IRM_CCLL_L_DESC
SystemLabelName	String	n/a	All permitted values	Yes	No	IRM_CCLN_L_DESC
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

JavaExecutionArguments

The following properties are available for JavaExecutionArguments:

Table 4–78 *JavaExecutionArguments Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdditionalOptions	List<String>	n/a	All permitted values	Yes	No	The set of additional options for the system's Java Virtual Machine (JVM). Each option must be a legal option supported by the JVM, for example -Dproperty=value to set a system property value. This an ADVANCED property which you do not typically need to modify.
InitialHeapSizeInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The initial heap size in megabytes (MBs) of the Java Virtual Machine (JVM).
InitialPermanentGenerationSizeInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The initial permanent generation size in megabytes (MBs) of the Java Virtual Machine (JVM).
MaximumHeapSizeInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The maximum heap size in megabytes (MBs) of the Java Virtual Machine (JVM).
MaximumPermanentGenerationSizeInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The maximum permanent generation size in megabytes (MBs) of the Java Virtual Machine (JVM).

JcrServletService

The following properties are available for JcrServletService:

Table 4-79 JcrServletService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthenticationScheme	String	BASIC	This property has a customized constraint.	Yes	No	Specifies the JCR server's authentication scheme. Valid values: basic, digest.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
JCRServerEnabled	boolean	true	All permitted values	Yes	No	Specifies whether or not the BEEHIVE Java Content Repository (JCR) server is enabled. If enabled (true), the JCR server accepts client requests else it throws an appropriate exception. Valid values: true, false
JcrSessionTimeout	int	960	This property has a customized constraint.	Yes	No	The amount of time (in minutes) that the JCR server will wait for a request from a connected client before terminating the session.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–79 (Cont.) JcrServletService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxDownloadBufferSize	int	261888	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while downloading stream data. Deployments that typically stream small files, as well as those with limited midtier memory, may improve performance by setting this value below the default. Deployments with a large amount of midtier memory may likewise improve performance by setting this value above the default.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UploadBufferSize	int	260096	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while uploading stream data. Deployments that typically stream small files, as well as those with limited midtier memory, may improve performance by setting this value below the default. Deployments with a large amount of midtier memory may likewise improve performance by setting this value above the default.

LdapServer

The following properties are available for LdapServer:

Table 4–80 LdapServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DigestAuthenticationAttribute	String[]	n/a	All permitted values	Yes	No	Specifies the LDAP attributes to be used for the various digest authentication protocols. The attribute entry format is [attribute type]:[attribute name]. The valid attribute types are DEFAULT, SASL.DIGEST_MD5, and HTTP.DIGEST. e.g. DEFAULT:userPassword;SASL.DIGEST_MDS:mySaslDigestAttribute
DirectoryType	LdapServer.DirectoryType (Legal values: ORACLE_INTERNET_DIRECTORY, MICROSOFT_ACTIVE_DIRECTORY, SUN_ONE_DIRECTORY, IBM_TIVOLI_DIRECTORY, OPENLDAP_DIRECTORY, OTHER)	n/a	All permitted values	Yes	No	Specifies the LDAP directory type. The valid values are ORACLE_INTERNET_DIRECTORY, MICROSOFT_ACTIVE_DIRECTORY, SUN_ONE_DIRECTORY, IBM_TIVOLI_DIRECTORY, and OTHER.
GroupObjectClass	String	n/a	All permitted values	Yes	No	Specifies the LDAP group object class. e.g. groupOfUniqueNames
GroupSearchBase	String	n/a	All permitted values	Yes	No	Specifies the LDAP group search base DN.
LdapServerConnectionPoolMaxSize	int	25	All permitted values	Yes	No	long description key not set
LdapServerConnectionTimeout	int	120	All permitted values	Yes	No	long description key not set
LdapServerHostName	String	n/a	All permitted values	Yes	No	Specifies the LDAP server hostname.
LdapServerPassword	SecureString	n/a	All permitted values	Yes	No	Specifies the password of the user that is used to bind to the LDAP server.
LdapServerPort	int	389	Network Port, Min=1, Max=65536	Yes	No	Specifies the LDAP server port.
LdapServerSslPort	int	636	Network Port, Min=1, Max=65536	Yes	No	Specifies the LDAP server secure port.
LdapServerUser	String	n/a	All permitted values	Yes	No	Specifies the user that should be used to bind to the LDAP server. The user must have read access to the attributes of all Beehive users.
PrimaryAuthenticationAttribute	String		All permitted values	Yes	No	Specifies the LDAP attribute that stores the primary principal in LDAP. e.g. uid

Table 4–80 (Cont.) LdapServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
PrimaryAuthenticationCredential	String	not applicable	All permitted values	No	No	Specifies the LDAP attribute that stores the secret for the primary authentication attribute.
ProtocolAuthenticationAttribute	String	not applicable	All permitted values	No	No	Specifies the LDAP attribute that stores the ASCII (7-bit) principal for the clients that do not support multi-byte string.
ProtocolAuthenticationCredential	String	not applicable	All permitted values	No	No	Specifies the LDAP attribute that stores the secret for the ASCII (7-bit) principal used for the authentication of clients that do not support multi-byte string.
SslEnabled	boolean	false	All permitted values	Yes	No	Specifies whether or not SSL should be used to connect to the LDAP server.
UserObjectClass	String	n/a	All permitted values	Yes	No	Specifies the LDAP user object class. e.g. inetOrgPerson
UserSearchBase	String	n/a	All permitted values	Yes	No	Specifies the LDAP user search base DN.
VoiceAuthenticationAttribute	String	not applicable	All permitted values	No	No	Specifies the LDAP attribute that stores the voice principal in LDAP (used by voice clients).
VoiceAuthenticationCredential	String	not applicable	All permitted values	No	No	Specifies the LDAP attribute that stores the secret for the authentication of voice clients.

LoggingConfigurable.LoggingProperties

The following properties are available for LoggingConfigurable.LoggingProperties:

Table 4–81 LoggingConfigurable.LoggingProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BaseLogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	WARNIN G	All permitted values	Yes	No	Base Log Level is the default when the log level is not configured through Module Log Level. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxFileSize	Long	10485760	All permitted values	Yes	No	Maximum log file size in bytes. A new log file is opened when the current file exceeds this size.
MaxLogSize	Long	104857600	All permitted values	Yes	No	Maximum log size in bytes. It is the maximum total size of all log files combined.
ModuleLogLevel	Map<String,Level >	n/a	All permitted values	Yes	No	Module Log Level. You will use this advanced property under the guidance of a trained consultant who will explain the correct usage details. Each Logger can have it's log level configured through Module Log Level. It is a map from logger name to log level.
RotationFrequency	LoggingConfigurable.RotationFrequency (Legal values: HOURLY, DAILY, WEEKLY)	DAILY	All permitted values	Yes	No	The log file rotation frequency. Log files are rotated when they exceed the maximum log size and they are also rotated periodically according to the rotation frequency. Valid values are HOURLY, DAILY, and WEEKLY.

ManagedOc4j

The following properties are available for ManagedOc4j:

Table 4–82 ManagedOc4j Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdminPassword	SecureString	n/a	All permitted values	Yes	No	the password of the oc4j admin user
AdminUsername	String	oc4jadmin	All permitted values	Yes	No	the name of the oc4j admin user
AjpPortMaxValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The maximum value for ajp port range
AjpPortMinValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The minimum value for ajp port range.

Table 4–82 (Cont.) ManagedOc4j Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Applications	Set<BeehiveJ2eeApplication> (Structural property)	n/a	All permitted values	Yes	No	The list of BeehiveJ2eeApplications associated with the Oc4j instance.
BeehiveInstance	BeehiveInstance	n/a	All permitted values	No	No	The BeehiveInstance with which this ManagedOc4j is associated.
Database	Database	n/a	All permitted values	Yes	No	This database holds the configuration data and holds business data for any Enterprise that does not have its own dedicated storage.
HttpThreadPoolConfiguration	Oc4jThreadPool (Structural property)	n/a	All permitted values	No	No	The HTTP Oc4jThreadPool with which this ManagedOc4j is associated.
JGroupPortMaxValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The maximum value for jgroup port range
JGroupPortMinValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The minimum value for jgroup port range
JcaThreadPoolConfiguration	Oc4jThreadPool (Structural property)	n/a	All permitted values	No	No	The JCA Oc4jThreadPool with which this ManagedOc4j is associated.
JmsPortMaxValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The maximum value for jms port range
JmsPortMinValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The minimum value for jms port range
ManagedOc4jCluster	ManagedOc4jCluster	n/a	All permitted values	Yes	No	The Oc4jCluster which this ManagedOc4j belongs to. Each managedOc4j is associated with a cluster. An ManagedOc4jCluster has properties common to all oc4j's in the cluster.
Oc4jName	String	n/a	All permitted values	No	No	the name of the oc4j
PseudoTranslationEnabled	boolean	false	All permitted values	Yes	No	A Boolean flag that is used to enable/disable the pseudo-translation in Beehive Resource Bundle.
PseudoTranslationStrategy	String	n/a	All permitted values	Yes	No	The class name of pseudo translation algorithm that will be used for translation process by Beehive Resource Bundle.
ResourceAdapterInstances	Set<ResourceAdapterInstance> (Structural property)	n/a	All permitted values	Yes	No	The list of ResourceAdapterInstances associated with the Oc4j instance.
RmiClientTimeout	int	1200	Min=1, Max=2147483647	Yes	No	RMI client timeout value (in seconds) for this Oc4j.
RmiConnectionThreadPoolConfiguration	Oc4jThreadPool (Structural property)	n/a	All permitted values	No	No	The RMI-Connection Oc4jThreadPool with which this ManagedOc4j is associated.

Table 4–82 (Cont.) ManagedOc4j Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RmiLookupTimeout	int	5000	Min=1, Max=10000	Yes	No	RMI lookup timeout value (in milliseconds) for this Oc4j.
RmiPortMaxValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The maximum value for rmi port range
RmiPortMinValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The minimum value for rmi port range
RmiRequestThreadPoolConfiguration	Oc4jThreadPool (Structural property)	n/a	All permitted values	No	No	The RMI-Request Oc4jThreadPool with which this ManagedOc4j is associated.
RmisPortMaxValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The maximum value for rmis port range
RmisPortMinValue	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The minimum value for rmis port range
SipContainer	SipContainer	n/a	All permitted values	Yes	No	The SipContainer with which this ManagedOc4j is associated.
StartJavaExecutionArguments	JavaExecutionArguments	n/a	All permitted values	Yes	No	Arguments for the Java Virtual Machine when starting this component
StopJavaExecutionArguments	JavaExecutionArguments	n/a	All permitted values	Yes	No	Arguments for the Java Virtual Machine when starting this component
SystemThreadPoolConfiguration	Oc4jThreadPool (Structural property)	n/a	All permitted values	No	No	The System Oc4jThreadPool with which this ManagedOc4j is associated.

ManagedOc4jCluster

The following properties are available for ManagedOc4jCluster:

Table 4–83 ManagedOc4jCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdminPassword	SecureString	n/a	All permitted values	Yes	No	the password of the oc4j admin user
AjpsEnabled	boolean	false	All permitted values	Yes	No	If Ajps is enabled for this Oc4j cluster.
ManagedOc4js	Set<ManagedOc4j> (Structural property)	n/a	All permitted values	Yes	No	The set of Oc4j associated with this cluster.
OrmisEnabled	boolean	true	All permitted values	Yes	No	If ormis is enabled for this Oc4j Cluster.

ManagedOc4jCluster.HealthMonitorProperties

No other properties exist for ManagedOc4jCluster.HealthMonitorProperties .

ManagementService

The following properties are available for ManagementService:

Table 4–84 ManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AutoSyncSaveListenerSleepIntervalInSeconds	int	25	All permitted values	Yes	No	The interval (in seconds) after which the background task to synchronize any pending configuration changes to local configuration files will be invoked.
AutoSyncSaveListenerTimeoutInSeconds	int	20	All permitted values	Yes	No	The interval (in seconds) after which batched local configuration file changes will be saved and necessary actions like restarting processes initiated to effect the changes.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
ExportConfigurationEnabled	boolean	true	All permitted values	Yes	No	Enables or disables the configuration export background task.
LocalFileSyncEnabled	boolean	false	All permitted values	Yes	No	When set to true, the management service detects changes to the system model and automatically updates local configuration files to be in sync.

Table 4–84 (Cont.) ManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
LogSearchMaximumResults	Integer	n/a	All permitted values	Yes	No	Maximum number of records returned when searching for logs.
LogSyncEnabled	boolean	true	All permitted values	Yes	No	Sets whether the background task for log synchronization is enabled.
LogUploadFilter	String	n/a	All permitted values	Yes	No	Filter for selecting the log files or directories to upload to the central repository so that they can be viewed or searched in the log viewer user interface.
LogUploadInterval	int	6	All permitted values	Yes	No	Frequency (in minutes) of the background log upload task.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
StabilityMonitorProperties	ManagementService.StabilityMonitorProperties	n/a	All permitted values	No	Yes	long description key not set
SystemDataCollectorProperties	ManagementService.SystemDataCollectorProperties	n/a	All permitted values	Yes	No	long description key not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UploadLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	Log records of this or higher level are uploaded to the configuration database.

ManagementService.StabilityMonitorProperties

The following properties are available for ManagementService.StabilityMonitorProperties:

Table 4–85 ManagementService.StabilityMonitorProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
StabilityMonitorEnabled	boolean	false	All permitted values	Yes	No	Is the Beehive Cluster Stability Monitor enabled

ManagementService.SystemDataCollectorProperties

The following properties are available for ManagementService.SystemDataCollectorProperties:

Table 4–86 ManagementService.SystemDataCollectorProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CollectionInterval	int	300	Min=1, Max=2147483647	Yes	No	Time interval between executions of system data collector background task
CollectorEnabled	boolean	false	All permitted values	Yes	No	Enables or disables the system data collector background task.
SystemDataFileRotationInterval	int	180	Min=1, Max=525600	Yes	No	System data collector will rotate file after this interval
SystemDataFileRotationSize	int	100	Min=1, Max=1024	Yes	No	Rotation size for the file generated by system data collector

MimService

The following properties are available for MimService:

Table 4–87 MimService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AutoOfflineTimeAfterClientDisconnect	int	86400	Min=600, Max=86400	Yes	No	When client is in disconnected mode and in 'away' state, this time would specify in sec when server would set 'offline' and cleanup everything including backend Instant Messaging sessions.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.

Table 4–87 (Cont.) MimService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxInvalidLoginAttempt	int	3	Min=1, Max=5	Yes	No	Maximum number of LOGIN attempts before server closes the client connection. After opening a new connection, client can make only a certain maximum number of attempt to successfully LOGIN. If the maximum attempt reached and client fails then server closes the connection.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UnauthConnectionLiveTime	int	60	Min=30, Max=120	Yes	No	After client connects it has to finish authentication with in a specified amount time, otherwise server will cleanup the connection. This property would specify in second. how much time it would wait before closing the connection.

MobileDmService

The following properties are available for MobileDmService:

Table 4–88 MobileDmService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxClientConnections	int	1000	Min=100, Max=5000	Yes	No	Maximum number of concurrent mobile clients connections per Mobile DM Server instance.
MaxInvalidAttempts	int	3	Min=3, Max=10	Yes	No	Maximum number of invalid command attempts before the server closes the connection.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
TtlAuthenticated	int	30	Min=15, Max=60	Yes	No	Timeout for authenticated sessions in minutes.
TtlUnauthenticated	int	1	Min=1, Max=10	Yes	No	Timeout for non-authenticated sessions in minutes.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

NamedSystemObject

The following properties are available for NamedSystemObject:

Table 4–89 NamedSystemObject Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Name	String	n/a	All permitted values	Yes	No	the name of the system object.

NotificationDeliveryService

The following properties are available for NotificationDeliveryService:

Table 4–90 NotificationDeliveryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActionAskSettings	NotificationDeliveryService.ActionAskSettings	n/a	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.NotificationDeliveryServiceBundle, key ACTION_ASK_SETTINGS_LONG_DESCRIPTION
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DeliveryPoolSize	int	20	Min=1, Max=100	Yes	No	This value defines how many threads will be used for the delivery processing thread pool. The default value is 20.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–90 (Cont.) NotificationDeliveryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxDeliveryStatusAge	int	15	Min=1, Max=365	Yes	No	This value defines how long delivery records will be retained in the system. The default value is 15 days.
MaxTrackingAge	int	15	Min=1, Max=365	Yes	No	Age to keep notification history to avoid duplicate notifications.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SmsSettings	NotificationDeliveryService.SmsSettings	n/a	All permitted values	Yes	No	Defines SMS settings.
SystemUserName	String	SYSTEM	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.NotificationDeliveryServiceBundle, key SYSTEM_USER_NAME_LONG_DESCRIPTION
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
XmsSettings	NotificationDeliveryService.XmsSettings	n/a	All permitted values	Yes	No	Defines the XMS credential settings used for SMS delivery when SmsMode is set to XMS.

NotificationDeliveryService.ActionAskSettings

The following properties are available for NotificationDeliveryService.ActionAskSettings:

Table 4–91 NotificationDeliveryService.ActionAskSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActionableEmailsNotificationDisabled	boolean	false	All permitted values	Yes	No	Disables actionable notification E-Mails.
ActionableIMsNotificationDisabled	boolean	false	All permitted values	Yes	No	Disables actionable notification Instant Messages.
ActionableNotificationReplyDisabled	boolean	false	All permitted values	Yes	No	Disables actionable notification responses.
ActionableNotificationUser	CollabId	n/a	All permitted values	Yes	No	Defines the actionable notification user identifier.

Table 4–91 (Cont.) NotificationDeliveryService.ActionAskSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActionableSMSNotificationDisabled	boolean	false	All permitted values	Yes	No	Disables actionable notification SMS.
ProcessingPoolSize	int	20	Min=1, Max=100	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.NotificationDeliveryServiceBundle, key ASK_PROCESSINGPOOL_SIZE_LONG_DESCRIPTION
UserCacheSize	int	512	Min=1, Max=2147483647	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.NotificationDeliveryServiceBundle, key ASK_USER_CACHE_LONG_DESCRIPTION

NotificationDeliveryService.SmsSettings

The following properties are available for NotificationDeliveryService.SmsSettings:

Table 4–92 NotificationDeliveryService.SmsSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxSmsChunks	int	5	Min=1, Max=255	Yes	No	This value defines the maximum number of chunks a single SMS can be broken into before it is truncated. The default value is 5.
ShortCode	String		All permitted values	Yes	No	Defines the SMS shortcode used for outbound SMS deliveries.
ShortCodeType	NotificationDeliveryService.SmsSettings.ShortCodeType (Legal values: INTERNATIONAL, NATIONAL, NETWORK, SUBSCRIBER, ALPHANUMERIC, ABBREVIATED)	INTERNATIONAL	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.NotificationDeliveryServiceBundle, key SMS_SHORT_CODE_TYPE_LONG_DESCRIPTION
SmartMessageCharacterCount	int	1000	Min=500, Max=10000	Yes	No	This value defines the maximum number of chunks a single SMS can be broken into before it is truncated. The default value is 5.
SmsMode	NotificationDeliveryService.SmsSettings.SmsMode (Legal values: XMS, SMPP)	SMPP	All permitted values	Yes	No	This value defines how the built-in SMS delivery handler will process SMS delivery requests. Possible values: XMS, SMPP. The default value is XMS.

NotificationDeliveryService.WebProxySettings

The following properties are available for NotificationDeliveryService.WebProxySettings:

Table 4–93 NotificationDeliveryService.WebProxySettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Enabled	boolean	false	All permitted values	Yes	No	Enables the usage of the web proxy settings for http/https requests.
ProxyHostName	String	n/a	All permitted values	Yes	No	Defines a hostname to be used as a proxy for all HTTP/HTTPS communication.
ProxyPassword	SecureString	n/a	All permitted values	Yes	No	Defines a password to be used for the web proxy.
ProxyPort	int	8080	All permitted values	Yes	No	Defines a port number to be used for all proxied HTTP/HTTPS communication. Default value: 8080
ProxyUserName	String	n/a	All permitted values	Yes	No	Defines a username to be used for the web proxy.

NotificationDeliveryService.XmsSettings

The following properties are available for NotificationDeliveryService.XmsSettings:

Table 4–94 NotificationDeliveryService.XmsSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
WebProxySettings	NotificationDeliveryService.WebProxySettings	n/a	All permitted values	Yes	No	Defines the HTTP proxy which is used for SOAP based communications.
XmsPassword	SecureString	n/a	All permitted values	Yes	No	Password for XMS communication.
XmsServiceUrl	String		All permitted values	Yes	No	XMS service URL.
XmsUserName	String	n/a	All permitted values	Yes	No	Username for XMS communication.

ObjectEventPublisherService

The following properties are available for ObjectEventPublisherService:

Table 4–95 ObjectEventPublisherService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

Oc4j

The following properties are available for Oc4j:

Table 4–96 Oc4j Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdminPassword	SecureString	n/a	All permitted values	Yes	No	the password of the oc4j admin user
AdminUsername	String	oc4jadmin	All permitted values	Yes	No	the name of the oc4j admin user
Applications	Set<BeehiveJ2eeApplication> (Structural property)	n/a	All permitted values	Yes	No	The list of BeehiveJ2eeApplications associated with the Oc4j instance.
Database	Database	n/a	All permitted values	Yes	No	This database holds the configuration data and holds business data for any Enterprise that does not have its own dedicated storage.
Oc4jName	String	n/a	All permitted values	No	No	the name of the oc4j
PseudoTranslationEnabled	boolean	false	All permitted values	Yes	No	A Boolean flag that is used to enable/disable the pseudo-translation in Beehive Resource Bundle.
PseudoTranslationStrategy	String	n/a	All permitted values	Yes	No	The class name of pseudo translation algorithm that will be used for translation process by Beehive Resource Bundle.
ResourceAdapterInstances	Set<ResourceAdapterInstance> (Structural property)	n/a	All permitted values	Yes	No	The list of ResourceAdapterInstances associated with the Oc4j instance.
RmiClientTimeout	int	1200	Min=1, Max=2147483647	Yes	No	RMI client timeout value (in seconds) for this Oc4j.
RmiLookupTimeout	int	5000	Min=1, Max=10000	Yes	No	RMI lookup timeout value (in milliseconds) for this Oc4j.

OmaService

The following properties are available for OmaService:

Table 4–97 OmaService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CalendarSyncEnabled	boolean	true	All permitted values	Yes	No	Enables or disables calendar synchronization.
ContactsSyncEnabled	boolean	true	All permitted values	Yes	No	Enables or disables contacts synchronization.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.

Table 4–97 (Cont.) OmaService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DbLogKeepDays	int	7	Min=1, Max=2147483647	Yes	No	Number of days to keep the session log and SyncML message log in the database. Log entries older than this will be purged automatically.
DeviceMetaDataCacheSize	int	10000	Min=1, Max=2147483647	Yes	No	Maximum devices to cache.
DsSessionCacheSize	int	1000	Min=1, Max=2147483647	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key DSESSION_CACHE_SIZE_LONG_DESCRIPTION
EmailNumberLimit	int	200	Min=1, Max=2147483647	Yes	No	The maximum number of e-mails that may be downloaded to a device. Together with the MaxSyncRangeBack property, the number of e-mails to download is restricted.
EmailSyncEnabled	boolean	true	All permitted values	Yes	No	Enables or disables e-mail synchronization.
EntitiesPerBulkLoad	int	25	Min=1, Max=1000	Yes	No	Maximum entities per bulk load.
EntitiesPerContactBulkLoad	int	25	Min=1, Max=1000	Yes	No	Maximum entities per contact bulk load.
EntitiesPerEmailBulkLoad	int	25	Min=1, Max=1000	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key ENTITIES_PER_EMAIL_BULK_LOAD_LONG_DESCRIPTION
EntitiesPerEventBulkLoad	int	25	Min=1, Max=1000	Yes	No	Maximum entities per event bulk load.

Table 4–97 (Cont.) OmaService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
EntitiesPerNoteBulkLoad	int	25	Min=1, Max=1000	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key ENTITIES_PER_TASK_NOTE_LOAD_LONG_DESCRIPTION
EntitiesPerTaskBulkLoad	int	25	Min=1, Max=1000	Yes	No	Maximum entities per task bulk load.
EventSyncRangeValidationThreshold	int	51	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key THRESHOLD_WHERE_SYNC_RANGE_VALIDATION_STARTS_TO_OCCUR_FOR_EVENTS
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
LogSyncmlForUsers	String		All permitted values	Yes	No	Log SyncML for the these users. Specify a comma delimited list of user identifiers.
MaxConcurrentRequests	int	100	Min=1, Max=2147483647	Yes	No	The maximum number of concurrent requests that can be supported by a Oracle Mobile Data Sync Service instance. When this number is reached, subsequent synchronization requests will be refused until the number of concurrent requests drops below this number.
MaxConcurrentSessions	int	400	Min=1, Max=2147483647	Yes	No	The maximum number of concurrent Sync sessions that can be supported by a Oracle Mobile Data Sync Service instance. When this number is reached, subsequent requests to start a Sync will be refused until the number of ongoing Syncs drops below this number.

Table 4–97 (Cont.) OmaService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxConcurrentSlowSyncs	int	20	Min=1, Max=2147483647	Yes	No	The maximum number of concurrent slow syncs that can be supported by a Oracle Mobile Data Sync Service instance. When this number is reached, subsequent synchronization requests for a slow sync will be refused until the number of all ongoing slow Syncs becomes less than number.
MaxMessageSize	int	60000	Min=1000, Max=2147483647	Yes	No	Upper limit of the size of the messages exchanged between client and server in bytes. This value will be used if the MaxMessageSize value in a device profile exceeds this limit. Otherwise, the value in the device profile will be used.
MaxObjectSize	int	5000000	Min=1000, Max=2147483647	Yes	No	Upper limit of the size of the large objects exchanged between client and server in bytes. This value will be used if the MaxObjectSize value in a device profile exceeds this limit. Otherwise, the value in the device profile will be used.
MaxSyncRangeBack	int	365	Min=1, Max=2147483647	Yes	No	The number of days previous to the current date to synchronize.
MaxSyncRangeForward	int	365	Min=1, Max=2147483647	Yes	No	The number of days from the current date to synchronize.
Md5Required	boolean	false	All permitted values	Yes	No	Determines whether MD5 authentication is required (true) or if BASIC authentication is also allowed (false).
Md5Supported	boolean	false	All permitted values	Yes	No	Enables or disables support for MD5 authentication.
NotesSyncEnabled	boolean	true	All permitted values	Yes	No	Enables or disables Outlook Notes synchronization.
OmaDsEnabled	boolean	true	All permitted values	Yes	No	Enables or disables the Oracle Mobile Data Sync Service.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
ResumeEnabled	boolean	true	All permitted values	Yes	No	Enables or disables support for "Suspend and Resume" synchronization after incomplete or failed syncs. Improves performance with clients who support Resume for syncs.

Table 4–97 (Cont.) OmaService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RetriesWhenDbUnavailableDelayInMilliSec	String	1000,5000,9000	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key RETRIES_WHEN_DB_UNAVAILABLE_DELAY_IN_MILLISEC
SessionLogRequired	boolean	true	All permitted values	Yes	No	Enables or disables the logging of synchronization sessions in the database.
SessionTimeOut	int	6000	Min=1, Max=2147483647	Yes	No	A synchronization session will timeout if it does not receive a client request after this number of minutes.
SyncmlLogRequired	boolean	false	All permitted values	Yes	No	Enables or disables logging of SyncML messages in the database.
TaskSyncRangeValidationThreshold	int	51	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.OmaServiceResourceBundle, key THRESHOLD_WHERE_SYNC_RANGE_VALIDATION_STARTS_TO_OCCUR_FOR_TASKS
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

OmsResourceAdapter

The following properties are available for OmsResourceAdapter:

Table 4–98 OmsResourceAdapter Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ResourceAdapterImage	ResourceAdapterImage	n/a	All permitted values	No	Yes	ResourceAdapterImage associated with the ResourceAdapter
ResourceAdapterInstances	Set<ResourceAdapterInstance> (Structural property)	n/a	All permitted values	Yes	No	Set of instances of ResourceAdapter

OmsResourceAdapterInstance

The following properties are available for OmsResourceAdapterInstance:

Table 4–99 OmsResourceAdapterInstance Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ResourceAdapter	ResourceAdapter	n/a	All permitted values	No	No	ResourceAdapter associated with the instance

Opmn

The following properties are available for Opmn:

Table 4–100 Opmn Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BeehiveInstance	BeehiveInstance	n/a	All permitted values	Yes	No	BeehiveInstance associated with the OPMN
LocalPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	OPMN local port
OpmnCluster	OpmnCluster	n/a	All permitted values	Yes	No	OpmnCluster associated with the OPMN
RemotePort	int	n/a	Network Port, Min=1, Max=65536	Yes	No	OPMN remote port
RequestPort	int	n/a	Network Port, Min=1, Max=65536	Yes	No	OPMN request port

OpmnCluster

The following properties are available for OpmnCluster:

Table 4–101 OpmnCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
NotificationServerSslEnabled	boolean	false	All permitted values	Yes	No	Enables or disables Secure Socket Layers (SSL) for the notification server.
Opmns	Set<Opmn> (Structural property)	n/a	All permitted values	Yes	No	OPMNs associated with the OpmnCluster

OwcStreamingService

The following properties are available for OwcStreamingService:

Table 4–102 *OwcStreamingService Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
HttpTunnelingEnabled	Boolean	true	All permitted values	Yes	No	description bundle not set
HttpTunnelingPort	Integer	1954	Network Port, Min=1, Max=65536	Yes	No	description bundle not set
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxHttpTunnelingClientsAllowed	Integer	100	All permitted values	Yes	No	description bundle not set
MaxRtmpClientsAllowed	Integer	100	All permitted values	Yes	No	description bundle not set
MaxRtspClientsAllowed	Integer	100	All permitted values	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RtmpEnabled	Boolean	true	All permitted values	Yes	No	description bundle not set

Table 4–102 (Cont.) OwStreamingService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RtmpPort	Integer	1935	Network Port, Min=1, Max=65536	Yes	No	description bundle not set
RtspEnabled	Boolean	true	All permitted values	Yes	No	description bundle not set
RtspPort	Integer	1554	Network Port, Min=1, Max=65536	Yes	No	description bundle not set
ServiceName	String	DANGSServer/2.0.1	All permitted values	Yes	Yes	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

PolicyService

The following properties are available for PolicyService:

Table 4–103 PolicyService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

PresenceService

The following properties are available for PresenceService:

Table 4–104 PresenceService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ActivityStartTimeThreshold	int	300000	All permitted values	Yes	No	description bundle not set
CacheSize	int	1024	All permitted values	Yes	No	description bundle not set
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
PollInterval	int	5	All permitted values	Yes	No	description bundle not set
PublicPresenceEnabled	boolean	true	All permitted values	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

PushMailService

The following properties are available for PushMailService:

Table 4–105 PushMailService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
HeartbeatInterval	int	300	Min=60, Max=600	Yes	No	Interval in seconds to send a keep-alive command to the IMAP Mail Server to keep the IMAP connection alive.
IMAPConnLiveTime	int	720	Min=5, Max=1440	Yes	No	Backend IMAP connection live time, in minutes after a device connection dies.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxConcurrentUsers	int	2000	Min=2, Max=5000	Yes	No	Maximum number of concurrent mobile clients connections per Mobile Mail Server instance.
MaxInboxMessages	int	200	Min=200, Max=1000	Yes	No	Maximum number of inbox messages allowed to sync to device. This is the absolute maximum view filter size, no matter what value the Mobile Client specifies.

Table 4–105 (Cont.) PushMailService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxMessageSize	int	50	Min=50, Max=200	Yes	No	Maximum message size, in KB, which a user may sync to a device. This is the absolute maximum size, no matter what value the Mobile Client specifies.
NumberDaysPast	int	7	Min=7, Max=14	Yes	No	Maximum number of days past user can fetch messages to sync to their device. This is the absolute maximum days view filter size, no matter what value the Mobile Client specifies.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

PushService

The following properties are available for PushService:

Table 4–106 PushService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
APNSSettings	PushService.APNSSettings	n/a	All permitted values	Yes	No	Defines the Apple Push Notification Service settings.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.

Table 4–106 (Cont.) PushService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxClientConnections	int	1000	Min=100, Max=5000	Yes	No	Maximum number of concurrent mx-based clients connections per Mobile Push Server instance.
MaxInvalidAttempts	int	3	Min=3, Max=10	Yes	No	Maximum number of invalid command attempts before the server closes the connection.
MaxTruePushClientConnections	int	100	Min=1, Max=1000	Yes	No	Maximum number of concurrent HTTP true push-based clients connections per Mobile Push Server instance.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
TtlUnauthenticated	int	1	Min=1, Max=10	Yes	No	Timeout for non-authenticated sessions in minutes.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

PushService.APNSSettings

The following properties are available for PushService.APNSSettings:

Table 4–107 PushService.APNSSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
APNSEnabled	boolean	false	All permitted values	Yes	No	Indicates if APNS is enabled as an outbound channel.
APNSHostName	String	gateway.push.apple.com	All permitted values	Yes	No	Defines the hostname of the APNS gateway.
APNSKeyStoreContents	byte[]	n/a	All permitted values	Yes	No	Contents of the .p12 file that contains the APNS certificate and private key.
APNSPort	int	2195	All permitted values	Yes	No	Defines the port of the APNS gateway. Default value is: 2195
ProxyEnabled	boolean	false	All permitted values	Yes	No	Enables the usage of the web proxy settings for http/https requests.

Table 4–107 (Cont.) PushService.APNSSettings Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ProxyHostName	String	n/a	All permitted values	Yes	No	Defines a hostname to be used as a proxy for all HTTP/HTTPS communication.
ProxyPassword	SecureString	n/a	All permitted values	Yes	No	Defines a password to be used for the web proxy.
ProxyPort	int	8080	All permitted values	Yes	No	Defines a port number to be used for all proxied HTTP/HTTPS communication. Default value: 8080
ProxyUserName	String	n/a	All permitted values	Yes	No	Defines a username to be used for the web proxy.

RecordsManagementService

The following properties are available for RecordsManagementService:

Table 4–108 RecordsManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.

Table 4–108 (Cont.) RecordsManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
Urm	Urm	n/a	All permitted values	Yes	No	Records Management Service uses Oracle Universal Records Manager for records management. The URM configuration includes host, port, admin user account details, and agent name of the URM deployment. There can be at most one URM configured in the system.

RemoteContentService

The following properties are available for RemoteContentService:

Table 4–109 RemoteContentService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DiskSpoolDirectory	String	beehive/rcspool	All permitted values	Yes	No	description bundle not set
KeystoreAlias	String	n/a	All permitted values	Yes	No	description bundle not set
KeystoreAliasPassword	SecureString	n/a	All permitted values	Yes	No	description bundle not set

Table 4–109 (Cont.) RemoteContentService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
KeystoreFile	String	n/a	All permitted values	Yes	No	description bundle not set
KeystorePassword	SecureString	n/a	All permitted values	Yes	No	description bundle not set
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxDiskSpoolSpace	int	209715200	All permitted values	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UCMConnectionTimeout	int	30000	All permitted values	Yes	No	description bundle not set
UCMDefaultSearchMaxResults	int	250	All permitted values	Yes	No	description bundle not set
UCMMaxConnections	int	45	All permitted values	Yes	No	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
WebDAVMaxConnPerHost	int	15	All permitted values	Yes	No	description bundle not set
WebDAVMaxTotalConnections	int	45	All permitted values	Yes	No	description bundle not set

RemoteSite

No other properties exist for RemoteSite .

ResourceAdapter

The following properties are available for ResourceAdapter:

Table 4–110 ResourceAdapter Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ResourceAdapterImage	ResourceAdapterImage	n/a	All permitted values	No	Yes	ResourceAdapterImage associated with the ResourceAdapter
ResourceAdapterInstances	Set<ResourceAdapterInstance> (Structural property)	n/a	All permitted values	Yes	No	Set of instances of ResourceAdapter

ResourceAdapterImage

The following properties are available for ResourceAdapterImage:

Table 4–111 ResourceAdapterImage Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RarFileName	String	n/a	All permitted values	No	Yes	Resource Adapter Filename
ResourceAdapterInterface	String	n/a	All permitted values	No	Yes	Management model interface name for Resource Adapter

ResourceAdapterInstance

The following properties are available for ResourceAdapterInstance:

Table 4–112 ResourceAdapterInstance Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ResourceAdapter	ResourceAdapter	n/a	All permitted values	No	No	ResourceAdapter associated with the instance

ResourceDirectoryService

The following properties are available for ResourceDirectoryService:

Table 4–113 ResourceDirectoryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AllResourcesReadableByAll	Boolean	false	All permitted values	Yes	No	When true, all resources are considered readable by everyone. When false, explicit access control checks are made to determine the access.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SearchSizeLimit	Integer	20000	All permitted values	Yes	No	The maximum number of resource entries to be returned on a list operation. This setting can affect the results of some system administration commands.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

RmServletService

The following properties are available for RmServletService:

Table 4–114 RmServletService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SAMLIdentity

The following properties are available for SAMLIdentity:

Table 4–115 SAMLIdentity Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
KeyAlias	String	n/a	All permitted values	Yes	No	Specifies the alias for the certificate of the SAML issuer.
Service	boolean	false	All permitted values	Yes	No	Specifies whether the SAML issuer is a trusted service or not. (It is a SAML IdP if it is not a service.)

SearchService

The following properties are available for SearchService:

Table 4–116 SearchService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AttachmentMimetypeBlackList	String	image/,application/ics	All permitted values	Yes	No	This parameter specifies a comma-separated list of attachment mime-types to be discarded from indexing. When processing attachments, for example email attachments, if the mime-type of the attachment starts with one of the specified mime-types, it will be discarded and, as such, its content will not be indexed.
CaptureChanges	String	true	All permitted values	Yes	No	Start or stop the change capture for the search service
ChangeCaptureUserList	String		All permitted values	Yes	No	List of Collab Ids of users or groups for which change capture is allowed. The entries in the list can be separated by whitespaces (space or tab), comma or a new line. Empty list signifies no restriction.
CrawlJobMaxNapTime	Integer	120	This property has a customized constraint.	Yes	No	The maximal nap time for crawl job. This is the same as long nap time, and short nap time is 50% of the maximal nap time.
CrawlJobThreshold	Integer	5000	This property has a customized constraint.	Yes	No	The threshold of crawl job processing amount. If current run processed more than threshold amount of feeds, crawl job will not nap. If less than threshold, crawl job will take a short nap. If no feeds, crawl job will take a long nap.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.

Table 4–116 (Cont.) SearchService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
IndexFragmentationThreshold	Integer	10	This property has a customized constraint.	Yes	No	The index fragmentation threshold. If current fragmentation level is lower than the threshold, index optimization will not happen. Default to 10.
IndexJobMaxNapTime	Integer	120	This property has a customized constraint.	Yes	No	The maximal nap time for index job. This is the same as long nap time, and short nap time is 50% of the maximal nap time.
IndexJobThreshold	Integer	5000	This property has a customized constraint.	Yes	No	The threshold of index job processing amount. If current run processed more than threshold amount of feeds, index job will not nap. If less than threshold, index job will take a short nap. If no feeds, index job will take a long nap.
IndexOptimizationInterval	Integer	0	This property has a customized constraint.	Yes	No	The interval in days between index optimizations with FULL mode. 0 means disabled.
IndexOptimizationMaxTime	Integer	480	This property has a customized constraint.	Yes	No	The maximal time in minutes that can be spent on each index optimization with FULL mode. Default to 480 minutes.
IndexOptimizationStartDate	String	2010-08-01, 00:00:00	This property has a customized constraint.	Yes	No	Start date of index optimization in DB time, format is 'YYYY-MM-DD,HH24:MI:SS'. Default to next Sunday 00:00:00.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxResults	Integer	1000	This property has a customized constraint.	Yes	No	Maximum number of search results returned by the search service

Table 4–116 (Cont.) SearchService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxSnippetEntitySize	Integer	4096	This property has a customized constraint.	Yes	No	The maximum entity size for snippet computation. Value is specified in Bytes. The range is between 0 and 32767Bytes. 0 indicates no snippet computation. Any nonzero value will compute snippets for entities whose size is upto the value specified in the property.Default is 4096
MdataOptimizationInterval	Integer	0	This property has a customized constraint.	Yes	No	The interval in days between mdata optimizations. 0 means disabled.
ParallelQueryDegree	Integer	0	Min=0, Max=15	Yes	No	This parameter is used for improving multi-workspace query performance. It determines how many threads a search query can use per database RAC node dedicated for search (as configured in the search Data-Source). Parallel query is NOT used if one of the following conditions is true: (1) the QueryWithSearchDataSource property is set to false, (2) this parameter is set to 0 (default), or (3) the query is in a single workspace or a set of workspaces in the same partition. When the value of this parameter is 1 and the workspaces correspond to partitions on different RAC nodes, search service spawns one thread per RAC node, each of which executes the query for the set of partitions that is affinitized to the given RAC node, and the results are combined in mid-tier. Currently 0 and 1 are the only supported values. In future release we may allow a value N that is greater than one, when search service can use up to N threads for each RAC node, if the workspaces to query in a RAC node fall in multiple partitions.
ParallelQueryPoolSize	Integer	100	This property has a customized constraint.	Yes	No	This parameter determines the size of the thread-pool from which all parallel search queries will be spawned. This sets the maximum total number of concurrently running threads for search queries.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.

Table 4–116 (Cont.) SearchService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SearchDisclaimerText	Map<String,String>	n/a	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SearchBundle, key SEARCH_DISCLAIMER_LONG_DESC
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
WildcardChar	String	*	All permitted values	Yes	No	Specify the wildcard character for search (Default is *)

Server

The following properties are available for Server:

Table 4–117 Server Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AlternateHostNames	Collection<String>	n/a	All permitted values	Yes	No	A list of alternate host names for the Server. A Server may have multiple host names, for example if there are multiple network interface cards installed.
BeehiveInstances	Set<BeehiveInstance> (Structural property)	n/a	All permitted values	Yes	No	The list of BeehiveInstances associated with the Server.
PrimaryHostName	String	n/a	All permitted values	Yes	No	The primary host name of this Server.
SipListenerIPAddress	String	127.0.0.1	IP Address	Yes	No	The IP address of the Sip listener. Required for Sip integration

Service

The following properties are available for Service:

Table 4–118 Service Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SesEndptService

The following properties are available for SesEndptService:

Table 4–119 *SesEndptService Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
Host	String	changethis	All permitted values	Yes	No	The host portion of the url to access the SES endpoint web service.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxNoUsersContains Oper	int	5	All permitted values	Yes	No	When SES users do advanced search with Contains operator for creator name, modifier name, participants, the SES Endpoint searches in the directory for usernames containing the user given string. This parameter restricts the number of such matches.
Port	int	0	All permitted values	Yes	No	The port portion of the url to access the SES endpoint web service.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.

Table 4–119 (Cont.) SesEndptService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SesEndptServiceEnabled	boolean	false	All permitted values	Yes	No	Enables or disables the SES endpoint service.
SesTrustedEntityMap	Map<String,SecureString>	n/a	All permitted values	Yes	No	The trusted entity name and password of the SES brokers are stored in this map. The BEECTL command add_trusted_identity is used to add trusted entity credentials which are stored in this map.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SipContainer

The following properties are available for SipContainer:

Table 4–120 SipContainer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ManagedOc4j	ManagedOc4j	n/a	All permitted values	Yes	No	Oc4j associated with the SipContainer
SipEnabled	boolean	true	All permitted values	Yes	No	long description key not set
SipPortMaxValue	int	5080	Network Port, Min=1, Max=65536	Yes	No	Maximum permitted value for SIP protocol port
SipPortMinValue	int	5060	Network Port, Min=1, Max=65536	Yes	No	Minimum permitted value for SIP protocol port

SipGateway

The following properties are available for SipGateway:

Table 4–121 SipGateway Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
GatewayIPAddress	String	n/a	IP Address	Yes	No	IP address of the SIP Gateway
GatewayPort	int	n/a	Network Port, Min=1, Max=65536	Yes	No	Port used to establish outbound connections from site to SIP Gateway
SipGatewayCluster	SipGatewayCluster	n/a	All permitted values	No	No	SipGatewayCluster associated with the SipGateway

SipGatewayCluster

The following properties are available for SipGatewayCluster:

Table 4–122 SipGatewayCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SipGateways	Set<SipGateway> (Structural property)	n/a	All permitted values	Yes	No	Set of SIP gateways associated with the SipGatewayCluster

Site

The following properties are available for Site:

Table 4–123 Site Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BeehiveRootLogger	String[]	[oracle.beehive, oracle.csi.]	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SystemModelBundle, key SITE_BEEHIVE_ROOT_LOGGER_LONG_DESC
BtiGlobalConfiguration	BtiGlobal	n/a	All permitted values	Yes	No	The global Bti configuration
BusinessDatabase	Database	n/a	All permitted values	Yes	No	A database where business data is stored. An Enterprise may be configured with its own business database. If an Enterprise does not have its own database configured, then the business data for that Enterprise gets stored in the Site level BusinessDatabase
CipherKey	SecureString	n/a	All permitted values	Yes	No	description bundle not set
ClusteringEnabled	Boolean	true	All permitted values	Yes	No	If application clustering is enabled for the site
ConfigurationDatabase	Database	n/a	All permitted values	Yes	No	The database where system configuration is stored
Database	Database	n/a	All permitted values	Yes	Yes	This database holds the configuration data and holds business data for any Enterprise that does not have its own dedicated storage.

Table 4–123 (Cont.) Site Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DatabaseRetryIntervalList	List<Integer>	[1000, 5000, 9000]	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DiagnosabilitySettings	DiagnosabilitySettings	n/a	All permitted values	Yes	No	The Diagnosability settings
DiagnosticDatabase	Database	n/a	All permitted values	Yes	No	The database where diagnostic data is stored
EnterpriseId	int	54321	All permitted values	Yes	Yes	The enterprise id
Enterprises	Set<Enterprise> (Structural property)	n/a	All permitted values	Yes	No	The set of Enterprise associated with the Site.
EventListenerDatabase	Database	n/a	All permitted values	Yes	No	The database where Event Listener data is stored
HttpServerCluster	HttpServerCluster	n/a	All permitted values	Yes	Yes	The HttpServerCluster associated with this Site.
LanguagePack	byte[]	n/a	All permitted values	Yes	No	The Beehive language pack
LdapServer	LdapServer	n/a	All permitted values	Yes	No	An external LDAP server which can be a source of information that gets synchronized into Beehive and can be used by the Authentication Service to authenticate users.
ManagedOc4jCluster	ManagedOc4jCluster	n/a	All permitted values	Yes	Yes	The ManagedOc4jCluster associated with this Site.
Name	String	n/a	All permitted values	Yes	No	the name of the system object.
OpmnCluster	OpmnCluster	n/a	All permitted values	Yes	Yes	The OpmnCluster associated with the Site.

Table 4–123 (Cont.) Site Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ReadOnlyBusinessDatabase	Database	n/a	All permitted values	Yes	No	A database where read-only business data is stored. An Enterprise may be configured standby database read-only database access. If an Enterprise does not have read-only database configured, then the read-only data for that Enterprise accesses using BusinessDatabase
RemoteSites	Set<RemoteSite> (Structural property)	n/a	All permitted values	Yes	No	The set of RemoteSite associated with the Site.
ResourceAdapters	Set<ResourceAdapter> (Structural property)	n/a	All permitted values	Yes	No	The set of ResourceAdapters associated with the Site.
SearchDatabase	Database	n/a	All permitted values	Yes	No	The database where Search data is stored
Servers	Set<Server> (Structural property)	n/a	All permitted values	Yes	No	The set of Servers associated with the Site.
Services	Set<Service> (Structural property)	n/a	This property has a customized constraint.	Yes	No	The set of Services associated with the Site.
SipGatewayCluster	SipGatewayCluster	n/a	All permitted values	Yes	Yes	The SipGatewayCluster associated with this Site.
SiteId	int	54321	All permitted values	Yes	Yes	The site id.
SsoKeyAlias	String	n/a	All permitted values	Yes	No	description bundle not set
UnmanagedOc4js	Set<UnmanagedOc4j> (Structural property)	n/a	All permitted values	Yes	No	The set of UnmanagedOc4js associated with the Site.
VirtualServer	VirtualServer	n/a	All permitted values	Yes	No	The VirtualServer associated with the Site.
VirusScanEngineCluster	VirusScanEngineCluster	n/a	All permitted values	Yes	Yes	The cluster of virus scan engines associated with this Site. All engines in the cluster are of the same type, i.e. provided by the same vendor.

Site.DiagnosabilityProperties

No other properties exist for Site.DiagnosabilityProperties .

SmppDeliveryService

The following properties are available for SmppDeliveryService:

Table 4–124 SmppDeliveryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MoSMSEnabled	boolean	true	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.SmppDeliveryServiceBundle, key SMPP_ENABLE_MO_LONG_DESCRIPTION
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
ShortCodeNumberPlanIndicator	int	-1	Min=-1, Max=255	Yes	No	Defines the Numbering Plan Indicator used by the shortcode for the outbound SMS deliveries.
SmppConnectionCount	int	1	All permitted values	Yes	No	The maximum number of active SMPP connections. This may be more or less than the number of SMPP Delivery Service instances.
SmppEnquireTime	int	45	Min=1, Max=59	Yes	No	The interval in seconds between sending Enquire Link Protocol Data Units to Short Message Service Center.

Table 4–124 (Cont.) SmppDeliveryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SmppPassword	SecureString	n/a	All permitted values	Yes	No	The SMPP system password assigned by the Short Message Service Center.
SmppProcessingThreadCount	int	25	All permitted values	Yes	No	Controls the number of threads allocated for background processing of incoming SMS delivery requests.
SmppServiceUrl	String		All permitted values	Yes	No	Defines a hostname/port URL for the SMPP server. Format: host:port Example: smpp.somehost.com:2775 Default port: 2775 (smpp), 3550 (ssmpp)
SmppSystemID	String		All permitted values	Yes	No	The SMPP system ID assigned by the Short Message Service Center.
SmppSystemType	String		All permitted values	Yes	No	The SMPP system type assigned by the Short Message Service Center.
SmppTimeOut	int	15	Min=1, Max=59	Yes	No	The time in seconds the SMPP client will wait for a response from the Short Message Service Center before closing the connection.
TlsEnabled	boolean	false	All permitted values	Yes	No	Enables or disables TLS support for SMPP connections. Enable if required by the Short Message Service Center.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
UseQuerySMForStatus	boolean	false	All permitted values	Yes	No	Enables or disables the use of QUERY_SM PDU for delivery status reporting.
VersionNumber	SmppDeliveryService.VersionNumber (Legal values: VERSION_33, VERSION_34, VERSION_5)	VERSION_5	All permitted values	Yes	No	Defines which SMPP protocol version will be advertised in the BIND requests. Some providers will reject the BIND request if the protocol version is not one of their supported versions..

SoftwareImage

No other properties exist for SoftwareImage .

StateManageable

No other properties exist for StateManageable .

StatusManageable

No other properties exist for StatusManageable .

SubscriptionActionService

The following properties are available for SubscriptionActionService:

Table 4–125 SubscriptionActionService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SubscriptionService

The following properties are available for SubscriptionService:

Table 4–126 SubscriptionService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxAnchorAgeInDays	int	30	Min=1, Max=30	Yes	No	Maximum allowed anchor age in days when querying "getElementModifications". AnchorToooldException will be thrown if the anchor passed in getElementModifications is older than the maximum allowed anchor age (in days) in configuration.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SyndicationService

The following properties are available for SyndicationService:

Table 4–127 SyndicationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SyndicationServletService

The following properties are available for SyndicationServletService:

Table 4–128 SyndicationServletService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthenticationScheme	String	BASIC	This property has a customized constraint.	Yes	No	Default authentication scheme for Syndication Servlet. Accepted values are: BASIC, DIGEST, SSO
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

SystemObject

No other properties exist for SystemObject .

SystemObjectWithHelper

No other properties exist for SystemObjectWithHelper .

SystemObjectWithStats

No other properties exist for SystemObjectWithStats .

TCPCommBasedScanEngine

The following properties are available for TCPCommBasedScanEngine:

Table 4–129 TCPCommBasedScanEngine Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ScanEngineClientCom mPort	Integer	1344	Network Port, Min=1, Max=65536	Yes	No	Communication port used by Beehive for sending client requests to the third-party scan engine.
ScanEngineHostName	String	localhost	All permitted values	Yes	No	Hostname of the server where the third-party scan engine is installed.
VirusScanEngineClust er	VirusScanEngine Cluster	n/a	All permitted values	No	No	A VirusScanEngineCluster is made up of scan engines of the same type, i.e by the same provider, configured for the Site or Enterprise. This property shows the VirusScanEngineCluster that this engine belongs to.

TCPCommBasedScanEngineCluster

The following properties are available for TCPCommBasedScanEngineCluster:

Table 4–130 TCPCommBasedScanEngineCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CacheRefreshInterval	Long	600000	This property has a customized constraint.	Yes	No	The interval at which Beehive VirusScanner process refreshes its in-memory cache with data from the virus definitions storage.
GatherDetailedStats	Boolean	true	All permitted values	Yes	No	Indicator to determine if detailed stats related to virusscanner needs to be captured. These stats include method stats.
OverrideEngineResult Enabled	Boolean	false	All permitted values	Yes	No	Indicates if Beehive should over-ride certain return scan statuses. This will allow Beehive to treat what the scan engine considers as INFECTED as CLEAN.
ScanEngineCommProt ocol	VirusScanEngine Cluster.ScanEngi neCommProtocol (Legal values: ICAP, CUSTOM)	ICAP	All permitted values	Yes	Yes	The protocol used by Beehive to communicate with the third-party scan service engine.
ScanEngineCommProt ocolVer	String	1.0	All permitted values	Yes	Yes	The version of the protocol used to communicate with the third-party scan service.
ScanEngines	Set<VirusScanEn gine> (Structural property)	n/a	All permitted values	Yes	No	The set of virus scan engines, of the same type, that are part of this cluster.

Table 4–130 (Cont.) TCPCommBasedScanEngineCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ScanServiceProvider	VirusScanEngineCluster.ScanServiceProvider (Legal values: Symantec, TrendMicro, McAfee)	Symantec	All permitted values	Yes	Yes	Engines in a cluster are of the same type and are supplied by this third-party virus scan service provider.
VirusScanPolicy	VirusScanConfigurable.VirusScanPolicy (Legal values: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR)	NO_SCAN_OR_REPAIR	All permitted values	Yes	No	Scan policy configured for Beehive. If the policy is set to SCAN_ONLY is set and a request to scan and repair is received, caller will receive an exception.
VirusesToIgnore	List<String>	n/a	All permitted values	Yes	No	List of viruses that Beehive can choose to ignore and treat as un-infected. This list will only be evaluated if the the OverrideEngineResultEnabled is also set to true.

TeamCollaborationApisService

The following properties are available for TeamCollaborationApisService:

Table 4–131 TeamCollaborationApisService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

TeamCollaborationService

The following properties are available for TeamCollaborationService:

Table 4–132 TeamCollaborationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AsyncThreadPoolSize	int	10	This property has a customized constraint.	Yes	No	The number of threads in the thread pool, used while updating non time-critical data such as page view count and discussions forum change status. Deployments that typically find that the page view count and discussions change status take too long to be updated may improve this behavior by increasing this number above the default. On the other hand, those deployments that anticipate very low concurrent access to the application may benefit by decreasing this value below the default.
CSRFSecurityEnabled	boolean	true	All permitted values	Yes	No	This parameter determines whether the server checks if the CSRF token supplied in the request by the client is valid. If true, it compares the server-side token with the client's; if false, just bypass the validation.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
ExecutorServiceThreadPoolSize	int	50	Min=1, Max=1023	Yes	No	The number of threads in the thread pool for ExecutorService, used for parallel loading of contents in pages such as home, overview, and profile. Those pages contain mixed contents and typically require multiple CSI/database calls to generate the response. Thus they are designed to spawn several threads in the ExecutorService thread pool to load the contents concurrently.

Table 4–132 (Cont.) TeamCollaborationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
HelpLink	String	http://www.oracle.com/technology/products/beehive/beehive_users/2_0/teamcollab.htm	All permitted values	Yes	No	A configurable link to help text for Beehive clients.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxWkspLogoSize	int	1024	This property has a customized constraint.	Yes	No	Specifies the maximum logo size in KB for workspaces. This value is used when uploading new logos. Only logo images of size smaller than this value is allowed.
MultiTypeListingBatch Size	int	100	This property has a customized constraint.	Yes	No	This number applies to table listings such as recent activity or tagged entities, which includes many types in one table. Default value is set as 100, but is recommended to be increased (always in multiples of 25) on deployments where the primary usage comes from workspaces client.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RichTextAntiSamyEnabled	boolean	true	All permitted values	Yes	No	Specifies whether or not Rich Text descriptions will be filtered by AntiSamy prior to display in the Team Collaboration Client to remove potentially malicious xhtml and javascript. Valid values: true, false
RichTextAntiSamyPolicyFilePath	String	oracle/ocs/amshare/util/antisamy-strict.xml	All permitted values	Yes	No	Path to the AntiSamy policy xml file, used to configure the AntiSamy XHTML filtering of Rich Text descriptions. The path may be absolute or relative to the Beehive home directory.

Table 4–132 (Cont.) TeamCollaborationService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SearchResultsBatchSize	int	10	This property has a customized constraint.	Yes	No	This number is similar to MultiTypeListingBatchSize but only applies to search results. Default value is set as 10, and the value should always be in multiples of 10.
TacitEnabled	boolean	false	All permitted values	Yes	No	This parameter determines whether the tacit related UI modules are displayed. By default, it is true. If set to false, all the tacit related UI modules like Connection Requests, Search Interests and Expertise, Interests and Expertise modules are hidden.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

TimeManagementService

The following properties are available for TimeManagementService:

Table 4–133 TimeManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ConsistencyTasksEnabled	Boolean	true	All permitted values	Yes	No	Enables or disables Time Management consistency background tasks. When enabled, the system will automatically perform various verifications and adjustments to ensure consistency.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.

Table 4–133 (Cont.) TimeManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
EnableCleanupTask	Boolean	true	All permitted values	Yes	No	Enables or disables some Oracle Beehive housekeeping cleanup processes. These cleanup tasks include the physical removal of purged resources, meetings and tasks, and typically occur about one month after the system purges such entities.
EnableDynamicParticipants	Boolean	true	All permitted values	Yes	No	Enables or disables the dynamic aspect of composite participants, such as groups and team workspaces. When enabled, future instances of meetings and tasks that include groups or team workspaces as participants will be adjusted automatically to reflect any membership changes.
EnableExternalParticipantNotificationDelivery	Boolean	true	All permitted values	Yes	No	Enables or disables the delivery of notifications to external participants. When enabled, external participants of meetings and tasks will receive e-mail notifications to inform them of new or updated invitations and assignments. Notification e-mails can include iCalendar attachments.
EnableExternalParticipantNotificationsWithiMIP	Boolean	true	All permitted values	Yes	No	Send external mail notifications for meetings that are formatted with iMIP information so that the external recipients can easily import them into their own calendar when using a client that is iMIP capable. This option offers better interoperability with MS Outlook and Google Calendar but the default option (false) is more widely supported.
EnableGenericClassOfTMBusinessEvents	Boolean	false	All permitted values	Yes	No	Enables or disables the generic Time Management business event integration. Does not apply to business events prefixed by TM_, which are raised independently of this property's setting. Enabling generic business events has performance implications.
EnablePresenceIntegration	Boolean	true	All permitted values	Yes	No	Enables or disables presence integration. When enabled, the system will automatically set users' presence settings to "In a meeting" during the periods they are scheduled to attend meetings created in Oracle Beehive.

Table 4–133 (Cont.) TimeManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxOccurrencesForUnboundedRecurrence	int	75	All permitted values	Yes	No	Maximum number of occurrences allowed for recurring meetings where the number of occurrences is unspecified. When a recurrence rule is defined during the creation of a new meeting, if the rule does not explicitly specify an end date or a number of occurrences, the number of occurrences created is limited to no more than this value. It is not recommended to increase it to a value above 100 as many Calendar interfaces will create recurring meetings without explicitly specifying a limit and this value will be used. This could cause scalability issues in some calendaring flows. Users that need recurring meetings with more occurrences can explicitly request up to MaxOccurrencesPerSeries occurrences. The recommended value is 75.
MaxOccurrencesPerSeries	Integer	150	All permitted values	Yes	No	Maximum number of occurrences allowed for any recurring meeting. This value must be greater or equal to MaxOccurrencesForUnboundedRecurrence. Increasing this value can cause scalability issues in some server flows or client flows. It is not recommended to increase this value above 250 as loading such large meetings will cause side effects or delays in some calendar interfaces. The recommended value is 150.

Table 4–133 (Cont.) TimeManagementService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxSubscriptionBizEventRaisedPerOperation	int	500	All permitted values	Yes	No	No subscription business events are raised for any TM operation that tries to raise more than this limit. This is to reduce the potential load caused by having to raise too many business events for large operations. It is currently only supported for operations relating to meetings and calendars.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SystemBusyPeriod	TimeManagementService.SystemBusyPeriod	n/a	All permitted values	Yes	No	Defines time periods during which certain non-essential background tasks should not be run. You can define periods for each day, set an entire day to busy, and use the property 'CanRunDuringSystemBusyPeriod' to allow certain tasks to be run during defined busy periods.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

TimeManagementService.AccessControlComputationTaskProperties

No other properties exist for TimeManagementService.AccessControlComputationTaskProperties .

TimeManagementService.ChangeLogsCleanupTaskProperties

The following properties are available for TimeManagementService.ChangeLogsCleanupTaskProperties:

Table 4–134 TimeManagementService.ChangeLogsCleanupTaskProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.ContainerSyncTaskProperties

No other properties exist for TimeManagementService.ContainerSyncTaskProperties .

TimeManagementService.MethodMonitoringCleanupTaskProperties

The following properties are available for TimeManagementService.MethodMonitoringCleanupTaskProperties:

Table 4–135 *TimeManagementService.MethodMonitoringCleanupTaskProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.PurgedItemsCleanupProperties

The following properties are available for TimeManagementService.PurgedItemsCleanupProperties:

Table 4–136 *TimeManagementService.PurgedItemsCleanupProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.ResourceCleanupProperties

The following properties are available for TimeManagementService.ResourceCleanupProperties:

Table 4–137 *TimeManagementService.ResourceCleanupProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.ResourceConsistencyProperties

The following properties are available for TimeManagementService.ResourceConsistencyProperties:

Table 4–138 *TimeManagementService.ResourceConsistencyProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.StandardContextCleanupProperties

The following properties are available for TimeManagementService.StandardContextCleanupProperties:

Table 4–139 *TimeManagementService.StandardContextCleanupProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CanRunDuringSystemBusyPeriod	Boolean	false	All permitted values	Yes	No	Enables or disables running the task during the configured system busy period (see property SystemBusyPeriod). When disabled (false), the task will not be allowed to run during the defined SystemBusyPeriod; it will only be run outside that period.

TimeManagementService.SystemBusyPeriod

The following properties are available for TimeManagementService.SystemBusyPeriod:

Table 4–140 TimeManagementService.SystemBusyPeriod Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Friday	String	7:00-24:00	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Monday	String	7:00-24:00	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Saturday	String	NotBusy	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Sunday	String	NotBusy	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Thursday	String	7:00-24:00	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Tuesday	String	7:00-24:00	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.
Wednesday	String	7:00-24:00	This property has a customized constraint.	Yes	No	Defines, for this day, the period(s) during which certain non-essential background tasks should not be run. You can set 'XX:XX-YY:YY' to represent a 24h time range, 'BusyAllDay' to block the whole day, or 'NotBusy' to make the whole day available for such tasks.

TimeZoneService

The following properties are available for TimeZoneService:

Table 4–141 *TimeZoneService Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

TimeZoneService.DatabaseConfiguration

No other properties exist for TimeZoneService.DatabaseConfiguration .

TranscodingService

The following properties are available for TranscodingService:

Table 4–142 TranscodingService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ArchiveFolderPath	String	/INBOX	All permitted values	Yes	No	description bundle not set
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

UdsCache

The following properties are available for UdsCache:

Table 4–143 UdsCache Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

UdsCacheService

The following properties are available for UdsCacheService:

Table 4–144 UdsCacheService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BatchInterval	int	5	All permitted values	Yes	No	description bundle not set
BatchLoadSize	int	1000	Min=100, Max=10000	Yes	No	description bundle not set
CacheEnabled	boolean	false	All permitted values	Yes	No	description bundle not set
CacheInitEnabled	boolean	false	All permitted values	Yes	No	description bundle not set
CacheUpdateEnabled	boolean	false	All permitted values	Yes	No	description bundle not set
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxHeapPercent	int	50	Min=10, Max=100	Yes	No	description bundle not set

Table 4–144 (Cont.) UdsCacheService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MaxResultCount	int	10000	Min=100, Max=214748 3647	Yes	No	description bundle not set
PollingInterval	int	3600	Min=60, Max=214748 3647	Yes	No	description bundle not set
PollingLoopThreshold	int	100	Min=1, Max=9999	Yes	No	description bundle not set
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RetryPollingInterval	int	60	Min=5, Max=100360	Yes	No	description bundle not set
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

UnmanagedBeehiveInstance

The following properties are available for UnmanagedBeehiveInstance:

Table 4–145 UnmanagedBeehiveInstance Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AvailableNumberOfProcessors	int	1	This property has a customized constraint.	Yes	No	The number of processors committed for the current Oracle Beehive instance. This figure is used by the sizing algorithm to calculate the number of server and client Beehive Transport Infrastructure (BTI) workers, as well as the Oracle Containers for Java (OC4J) instances, required to support the current Oracle Beehive instance.
AvailablePhysicalMemoryInMB	Integer	n/a	This property has a customized constraint.	Yes	No	The amount of physical memory in megabytes (MBs) committed for the current Oracle Beehive instance. This figure is used by the sizing algorithm to calculate the number of Oracle Containers for Java (OC4J) instances required for the current Oracle Beehive instance.
BeehiveInstanceName	String	n/a	All permitted values	Yes	Yes	The name of the current Oracle Beehive instance.
Bti	Bti	n/a	All permitted values	Yes	No	The Oracle Beehive Transport Infrastructure (BTI) associated with the current Oracle Beehive instance.

Table 4–145 (Cont.) UnmanagedBeehiveInstance Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DiagnosabilitySettings	DiagnosabilitySettings	n/a	All permitted values	Yes	No	A reference to a SystemObject that holds the properties used to configure diagnosability functionality. You do not directly modify the value of this property. You modify the properties of the referenced DiagnosabilitySettings object.
HttpServer	HttpServer	n/a	All permitted values	Yes	No	A reference to the HttpServer SystemObject for the current Oracle Beehive instance. You do not directly modify the value of this property. You configure the HTTP Server by modifying the properties of the referenced HttpServer object.
KeystoreFile	File	n/a	All permitted values	Yes	No	Path of the keystore file associated with the current Oracle Beehive instance.
KeystoreFilePassword	SecureString	n/a	All permitted values	Yes	No	Password for the keystore file associated with the current Oracle Beehive Instance.
LogBaseDir	File	beehive/logs	All permitted values	Yes	No	The base directory where Oracle Beehive will store its log files.
Oc4jInstances	Set<ManagedOc4j> (Structural property)	n/a	All permitted values	Yes	No	The set of references to the SystemObjects that configure the OC4J instances deployed in the current Oracle Beehive instance. The system automatically manages the value of this property. You must never directly modify the value.
Opmn	Opmn	n/a	All permitted values	No	No	This is a reference to the SystemObject that configures OPMN for the current Oracle Beehive instance. The system automatically manages the value of this property. You must never directly modify the value.
OracleHome	String	n/a	All permitted values	No	Yes	The Oracle home for the current Oracle Beehive instance.
Server	Server	n/a	All permitted values	No	No	This is a reference to the SystemObject that represents the Server associated with the current Oracle Beehive instance. The system automatically manages the value of this property.
WalletDir	String	n/a	All permitted values	Yes	No	Directory path of the Oracle Wallet associated with the current Oracle Beehive instance.
WalletPassword	SecureString	n/a	All permitted values	Yes	No	The password for the Oracle Wallet associated with the current Oracle Beehive instance.

UnmanagedOc4j

The following properties are available for UnmanagedOc4j:

Table 4–146 UnmanagedOc4j Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AdminPassword	SecureString	n/a	All permitted values	Yes	No	the password of the oc4j admin user
AdminUsername	String	oc4jadmin	All permitted values	Yes	No	the name of the oc4j admin user
Applications	Set<BeehiveJ2eeApplication> (Structural property)	n/a	All permitted values	Yes	No	The list of BeehiveJ2eeApplications associated with the Oc4j instance.
Database	Database	n/a	All permitted values	Yes	No	This database holds the configuration data and holds business data for any Enterprise that does not have its own dedicated storage.
HostName	String	n/a	All permitted values	No	No	The host name of the server the UnmanagedOc4j belongs to.
Oc4jName	String	n/a	All permitted values	No	No	the name of the oc4j
OpmnRequestPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The opmn request port used to contact the UnmanagedOc4j. If null, the RMI port must be set.
PseudoTranslationEnabled	boolean	false	All permitted values	Yes	No	A Boolean flag that is used to enable/disable the pseudo-translation in Beehive Resource Bundle.
PseudoTranslationStrategy	String	n/a	All permitted values	Yes	No	The class name of pseudo translation algorithm that will be used for translation process by Beehive Resource Bundle.
ResourceAdapterInstances	Set<ResourceAdapterInstance> (Structural property)	n/a	All permitted values	Yes	No	The list of ResourceAdapterInstances associated with the Oc4j instance.
RmiClientTimeout	int	1200	Min=1, Max=2147483647	Yes	No	RMI client timeout value (in seconds) for this Oc4j.
RmiLookupTimeout	int	5000	Min=1, Max=10000	Yes	No	RMI lookup timeout value (in milliseconds) for this Oc4j.
RmiPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The RMI port used to contact the UnmanagedOc4j
WalletDir	String	n/a	All permitted values	Yes	No	The wallet directory of this UnmanagedOc4j.
WalletPassword	SecureString	n/a	All permitted values	Yes	No	The wallet password of this UnmanagedOc4j.

UnsupportedSystemObject

No other properties exist for UnsupportedSystemObject .

Urm

The following properties are available for Urm:

Table 4–147 Urm Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AgentName	String	BeeAdapter	All permitted values	No	Yes	Records Management Service registers itself as an external agent with URM. This property represents the external agent name that is used by RM Service during registration with URM.
DispositionLoaderInterval	long	1	Min=1, Max=10000	Yes	No	Records Management Service Agent periodically loads disposition instructions from URM. This number specifies in hours the time interval between two successive loads of disposition instructions from URM. Default is one hour.
DispositionProcessorInterval	long	1	Min=1, Max=10000	Yes	No	Records Management Service Agent periodically processes disposition instructions from URM in batches. This indicates the time interval in hours between two successive runs to process and acknowledge the dispositions received from URM. Default is one hour.
RMAdminPassword	SecureString	n/a	All permitted values	No	Yes	The password of the Records Management Administrator in URM. This is used by Records Management Adapter to connect and file records in the URM Deployment.
RMAdminUser	String	rmadmin	All permitted values	No	Yes	The user name of the Records Management Administrator in URM. The Records Management Adapter connects to URM as this user to file records in the URM deployment.
RmAdminEmailId	String	n/a	All permitted values	No	Yes	The Beehive user account used to store outgoing emails to be filed as records.
URMAdapterURL	String	n/a	All permitted values	No	Yes	Records Management Service interacts with URM through Web Services. This URL indicates the service end point URL of the URM deployment for accessing URM Web Services. Typically, the URL is of the form <code>http://host:port/{yoursitename}/{yoursitename}.plg</code> .

UserDirectoryService

The following properties are available for UserDirectoryService:

Table 4–148 UserDirectoryService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ConfigurationParameters	UserDirectoryService.ConfigurationParameters	n/a	All permitted values	Yes	No	Configuration parameter for UDS service.
CustomAttributes	List<CustomAttribute> (Structural property)	n/a	All permitted values	Yes	No	Framework to register the custom properties with UDS service.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DirectoryProfiles	List<DirectoryProfile> (Structural property)	n/a	All permitted values	Yes	No	User Directory Service can have many directory profiles. Each of them will point to an external directory server
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

UserDirectoryService.AttributeMap

The following properties are available for UserDirectoryService.AttributeMap:

Table 4–149 *UserDirectoryService.AttributeMap Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Fields	List<FieldMap> (Structural property)	n/a	All permitted values	Yes	No	Field map list contains the attribute map between source and target directories.

UserDirectoryService.ConfigurationParameters

The following properties are available for UserDirectoryService.ConfigurationParameters:

Table 4–150 *UserDirectoryService.ConfigurationParameters Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DbRetryCount	int	6	All permitted values	Yes	No	Database retry count.
DbRetryIntervalMilliseconds	int	30000	All permitted values	Yes	No	Database retry in milli seconds.
GalEntryAccessChecked	boolean	true	All permitted values	Yes	No	Whether global address list entries are access checked when loading the global address list. It may be useful to set this to false if the global address list is fully public.
MaxEntityAddressCount	int	3	All permitted values	Yes	No	Count should not exceed super max count.
SuperMaxEntityAddressCount	int	5	All permitted values	No	No	Super max count is the upper limit. And this is applicable to contacts only

UserDirectoryService.ConfigurationParameters.Attribute

No other properties exist for UserDirectoryService.ConfigurationParameters.Attribute

UserDirectoryService.CustomAttribute

The following properties are available for UserDirectoryService.CustomAttribute:

Table 4–151 *UserDirectoryService.CustomAttribute Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Description	String	n/a	All permitted values	Yes	No	Text describing the property. This is an optional field
Name	String	n/a	All permitted values	Yes	No	Custom property name being registered.
Type	UserDirectoryService.CustomAttribute.CustomPropertyType (Legal values: STRING, BOOLEAN, DOUBLE, DATETIME, COLLABID)	STRING	All permitted values	Yes	No	Property types supported are STRING, BOOLEAN, DOUBLE, DATETIME and IDENTIFIER.

UserDirectoryService.DirectoryAttributeMap

The following properties are available for UserDirectoryService.DirectoryAttributeMap:

Table 4–152 *UserDirectoryService.DirectoryAttributeMap Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DirectoryAttributeMap	Map<String,UserDirectoryService.AttributeMap> (Structural property)	n/a	All permitted values	Yes	No	Each object type can have its own Attribute mapping. Allowed object types are ENTERPRISE_USER, EXTENDED_ENTERPRISE_USER, EXTERNAL_PERSON and STATIC_GROUP

UserDirectoryService.DirectoryCache

The following properties are available for UserDirectoryService.DirectoryCache:

Table 4–153 *UserDirectoryService.DirectoryCache Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Enabled	boolean	false	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.UserDirectoryServiceResourceBundle, key UDS_DIR_CACHE_ENABLED_LONG_DESC
MaxCachedEntities	int	0	All permitted values	Yes	No	Maximum number of cached entites; a value of zero will disable snapshot caching. This parameter influences the variable size of the cache.
RefreshIntervalMinutes	int	0	All permitted values	Yes	No	description not found Can't find resource for bundle oracle.ocs.management.model.UserDirectoryServiceResourceBundle, key UDS_DIR_CACHE_RIM_PROJ_LONG_DESC

UserDirectoryService.DirectoryProfile

The following properties are available for UserDirectoryService.DirectoryProfile:

Table 4–154 UserDirectoryService.DirectoryProfile Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DefaultFlag	UserDirectoryService.DirectoryProfile.ProfileType (Legal values: DEFAULT, NON_DEFAULT)	n/a	All permitted values	Yes	No	Profiles can have flags like DEFAULT or NON_DEFAULT. If a profile is set as default, then the ldap server object is set on the Site. If it is NON_DEFAULT then, the ldapserver is available with the directory profile
DirectoryAttributeMap	UserDirectoryService.DirectoryAttributeMap	n/a	All permitted values	Yes	No	Attribute map of a directory profile will map source attributes to that of target. A profile can contain mappings for different types of objects like ENTERPRISE_USER, EXTENDED_ENTERPRISE_USER, EXTERNAL_PERSON and STATIC_GROUP
GroupTypeMap	List<GroupTypeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	Group type map of a directory profile will help in synchronizing a group from external directory to target directory. The mapping could be based on the attribute or a DN of the group
ProfileState	UserDirectoryService.DirectoryProfile.ProfileState (Legal values: ENABLE, DISABLE)	DISABLE	All permitted values	Yes	No	Profiles can have state like ENABLE or DISABLE. If the profile is in enabled state, then synchronization will happen from external directory. If it is in disabled state, then synchronization will be turned off. By default the directory profile is disabled
ScopeMap	List<ScopeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	Scope type map of a directory profile will help in synchronizing a user or group from external directory to target directory. The mapping could be based on the attribute or a DN of the user or group
UserTypeMap	List<UserTypeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	User type map of a directory profile will help in synchronizing a user from external directory to target directory. The mapping could be based on the attribute or a DN of the user

UserDirectoryService.FieldMap

The following properties are available for UserDirectoryService.FieldMap:

Table 4–155 *UserDirectoryService.FieldMap Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BeehiveFieldName	String	n/a	All permitted values	Yes	No	Field name can be mapped to an ATTRIBUTE or an ADDRESS or a PROPERTY. Givenname and familyname are some of the examples
BeehiveFieldSubType	String	n/a	All permitted values	Yes	No	Field sub type is mapped to the address schemes. MAILTO and TEL are some of the examples
BeehiveFieldType	UserDirectoryService.FieldMap.BeehiveFieldType (Legal values: ATTRIBUTE, PROPERTY, ADDRESS, PRINCIPAL)	n/a	All permitted values	Yes	No	Target directory fields can be of type ATTRIBUTE or an ADDRESS or a PROPERTY.
SourceAttribute	String	n/a	All permitted values	Yes	No	Source attribute will have the name of the attribute, which will be mapped to the target attribute. Givenname and sn are some of the examples of the source attribute
SourceSpecialHandling	UserDirectoryService.FieldMap.SourceSpecialHandlingType (Legal values: PROXY)	n/a	All permitted values	Yes	No	Source special handling is relevant to Activate Directory. Valid value is PROXY
SourceToTargetFieldValueMapping	List<SourceTargetValueMapping> (Structural property)	n/a	All permitted values	Yes	No	Contains the value mapping between source and target. Used mainly for external inbox feature

UserDirectoryService.FieldMap.SourceTargetValueMapping

The following properties are available for UserDirectoryService.FieldMap.SourceTargetValueMapping:

Table 4–156 *UserDirectoryService.FieldMap.SourceTargetValueMapping Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SourceFieldValue	String	n/a	All permitted values	Yes	No	Attribute value at the external directory.
TargetFieldValue	String	n/a	All permitted values	Yes	No	Attribute value in the target directory.

UserDirectoryService.GroupTypeMapEntry

The following properties are available for UserDirectoryService.GroupTypeMapEntry:

Table 4–157 *UserDirectoryService.GroupTypeMapEntry Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
GroupType	UserDirectoryService.DirectoryProfile.GroupType (Legal values: STATIC_GROUP)	n/a	All permitted values	Yes	No	Allowed value is STATIC_GROUP.
SourceFieldName	String	n/a	All permitted values	Yes	No	Name of the external directory attribute. Givenname and sn are some of the examples
SourceFieldType	UserDirectoryService.DirectoryProfile.FieldType (Legal values: DN, ATTRIBUTE)	n/a	All permitted values	Yes	No	Source field type can be an ATTRIBUTE or a DN.
SourceFieldValue	String	n/a	All permitted values	Yes	No	Value associated with external directory attribute.

UserDirectoryService.LdapDirectoryProfile

The following properties are available for UserDirectoryService.LdapDirectoryProfile:

Table 4–158 *UserDirectoryService.LdapDirectoryProfile Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DefaultFlag	UserDirectoryService.DirectoryProfile.ProfileType (Legal values: DEFAULT, NON_DEFAULT)	n/a	All permitted values	Yes	No	Profiles can have flags like DEFAULT or NON_DEFAULT. If a profile is set as default, then the ldap server object is set on the Site. If it is NON_DEFAULT then, the ldapserver is available with the directory profile
DirectoryAttributeMap	UserDirectoryService.DirectoryAttributeMap	n/a	All permitted values	Yes	No	Attribute map of a directory profile will map source attributes to that of target. A profile can contain mappings for different types of objects like ENTERPRISE_USER, EXTENDED_ENTERPRISE_USER, EXTERNAL_PERSON and STATIC_GROUP
GroupTypeMap	List<GroupTypeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	Group type map of a directory profile will help in synchronizing a group from external directory to target directory. The mapping could be based on the attribute or a DN of the group
LdapServer	LdapServer	n/a	All permitted values	Yes	No	Ldap server has the details of the external directory, using which the User Directory Service would connect and get the user and group data.
PollInterval	int	30	This property has a customized constraint.	Yes	No	Time interval at which the external directory will be polled by the synchronization engine. The poll interval is in seconds

Table 4–158 (Cont.) UserDirectoryService.LdapDirectoryProfile Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ProfileState	UserDirectoryService.DirectoryProfile.ProfileState (Legal values: ENABLE, DISABLE)	DISABLE	All permitted values	Yes	No	Profiles can have state like ENABLE or DISABLE. If the profile is in enabled state, then synchronization will happen from external directory. If it is in disabled state, then synchronization will be turned off. By default the directory profile is disabled
ScopeMap	List<ScopeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	Scope type map of a directory profile will help in synchronizing a user or group from external directory to target directory. The mapping could be based on the attribute or a DN of the user or group
UserTypeMap	List<UserTypeMapEntry> (Structural property)	n/a	All permitted values	Yes	No	User type map of a directory profile will help in synchronizing a user from external directory to target directory. The mapping could be based on the attribute or a DN of the user

UserDirectoryService.MembershipMapEntry

The following properties are available for UserDirectoryService.MembershipMapEntry:

Table 4–159 UserDirectoryService.MembershipMapEntry Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MembershipCollabId	CollabId	n/a	All permitted values	Yes	No	Identifier of the organization into which the users or groups will be synchronized.
Name	String	n/a	All permitted values	Yes	No	Organization name can be specified and this field is optional.
SourceFieldName	String	n/a	All permitted values	Yes	No	Name of the external directory attribute. Givenname and sn are some of the examples
SourceFieldType	UserDirectoryService.DirectoryProfile.FieldType (Legal values: DN, ATTRIBUTE)	n/a	All permitted values	Yes	No	Source field type can be an ATTRIBUTE or a DN.
SourceFieldValue	String	n/a	All permitted values	Yes	No	Value associated with external directory attribute.

UserDirectoryService.ScopeMapEntry

The following properties are available for UserDirectoryService.ScopeMapEntry:

Table 4–160 *UserDirectoryService.ScopeMapEntry Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
MembershipMap	List<Membership MapEntry> (Structural property)	n/a	All permitted values	Yes	No	Member type map of a directory profile will help in synchronizing a user or group from external directory to target directory. The mapping could be based on the attribute or a DN of the user or group
Name	String	n/a	All permitted values	Yes	No	Enterprise or organization name can be specified and this field is optional.
ScopeCollabId	CollabId	n/a	All permitted values	Yes	No	Enterprise or organization identifier should be specified.
SourceFieldName	String	n/a	All permitted values	Yes	No	Name of the external directory attribute. Givenname and sn are some of the examples
SourceFieldType	UserDirectoryService.DirectoryProfile.FieldType (Legal values: DN, ATTRIBUTE)	n/a	All permitted values	Yes	No	Source field type can be an ATTRIBUTE or a DN.
SourceFieldValue	String	n/a	All permitted values	Yes	No	Value associated with external directory attribute.

UserDirectoryService.UserTypeMapEntry

The following properties are available for UserDirectoryService.UserTypeMapEntry:

Table 4–161 *UserDirectoryService.UserTypeMapEntry Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SourceFieldName	String	n/a	All permitted values	Yes	No	Name of the external directory attribute. Givenname and sn are some of the examples
SourceFieldType	UserDirectoryService.DirectoryProfile.FieldType (Legal values: DN, ATTRIBUTE)	n/a	All permitted values	Yes	No	Source field type can be an ATTRIBUTE or a DN.
SourceFieldValue	String	n/a	All permitted values	Yes	No	Value associated with external directory attribute.
UserType	UserDirectoryService.DirectoryProfile.UserType (Legal values: ENTERPRISE_USER, EXTENDED_ENTERPRISE_USER, EXTERNAL_PERSON)	n/a	All permitted values	Yes	No	Can have 3 different types of users. They are ENTERPRISE_USER, EXTENDED_ENTERPRISE_USER and EXTERNAL_PERSON

VirtualServer

The following properties are available for VirtualServer:

Table 4–162 VirtualServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
BtiClientPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The virtual port for MX client
BtiSecureClientPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The secure virtual port for MX client
FtpPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The FTP virtual port.
HttpPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The Http virtual Port.
HttpSslEnabled	Boolean	true	All permitted values	Yes	No	If Http SSL is enabled for this VirtualServer.
HttpSslPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The secure Http virtual Port.
IPAddress	String	n/a	All permitted values	Yes	No	The VirtualServer Ip Address.
ImapPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The IMAP virtual port.
ImapSslEnabled	boolean	false	All permitted values	Yes	No	If IMAP SSL is enabled.
ImapSslPort	Integer	993	Network Port, Min=1, Max=65536	Yes	No	The secure IMAP port.
MxTunnelHostname	String	n/a	All permitted values	Yes	No	The ServerName of the VirtualServer.
MxTunnelPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The secure Http virtual Port.
ServerName	String	n/a	All permitted values	Yes	No	The ServerName of the VirtualServer.
SmtpAuthRequired	boolean	false	All permitted values	Yes	No	If SMTP authentication is required.
SmtpPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The SMTP virtual port.
SmtpSslEnabled	boolean	false	All permitted values	Yes	No	If SMTP SSL is enabled.
SmtpSslPort	Integer	465	Network Port, Min=1, Max=65536	Yes	No	The secure SMTP virtual port.

Table 4–162 (Cont.) VirtualServer Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
XmppPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The XMPP virtual port.
XmppSslEnabled	Boolean	false	All permitted values	Yes	No	If XMPP SSL is enabled.
XmppSslPort	Integer	n/a	Network Port, Min=1, Max=65536	Yes	No	The secure XMPP port.

VirusScanConfigurable

The following properties are available for VirusScanConfigurable:

Table 4–163 VirusScanConfigurable Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
OverrideEngineResultEnabled	Boolean	false	All permitted values	Yes	No	Indicates if Beehive should over-ride certain return scan statuses. This will allow Beehive to treat what the scan engine considers as INFECTED as CLEAN.
VirusScanPolicy	VirusScanConfigurable.VirusScanPolicy (Legal values: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR)	NO_SCAN_OR_REPAIR	All permitted values	Yes	No	Scan policy configured for Beehive. If the policy is set to SCAN_ONLY is set and a request to scan and repair is received, caller will receive an exception.
VirusesToIgnore	List<String>	n/a	All permitted values	Yes	No	List of viruses that Beehive can choose to ignore and treat as un-infected. This list will only be evaluated if the the OverrideEngineResultEnabled is also set to true.

VirusScanEngine

The following properties are available for VirusScanEngine:

Table 4–164 VirusScanEngine Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
VirusScanEngineCluster	VirusScanEngineCluster	n/a	All permitted values	No	No	A VirusScanEngineCluster is made up of scan engines of the same type, i.e by the same provider, configured for the Site or Enterprise. This property shows the VirusScanEngineCluster that this engine belongs to.

VirusScanEngineCluster

The following properties are available for VirusScanEngineCluster:

Table 4–165 VirusScanEngineCluster Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
CacheRefreshInterval	Long	600000	This property has a customized constraint.	Yes	No	The interval at which Beehive VirusScanner process refreshes its in-memory cache with data from the virus definitions storage.
GatherDetailedStats	Boolean	true	All permitted values	Yes	No	Indicator to determine if detailed stats related to virusscanner needs to be captured. These stats include method stats.
OverrideEngineResult Enabled	Boolean	false	All permitted values	Yes	No	Indicates if Beehive should over-ride certain return scan statuses. This will allow Beehive to treat what the scan engine considers as INFECTED as CLEAN.
ScanEngineCommProtocol	VirusScanEngineCluster.ScanEngineCommProtocol (Legal values: ICAP, CUSTOM)	ICAP	All permitted values	Yes	Yes	The protocol used by Beehive to communicate with the third-party scan service engine.
ScanEngineCommProtocolVer	String	1.0	All permitted values	Yes	Yes	The version of the protocol used to communicate with the third-party scan service.
ScanEngines	Set<VirusScanEngine> (Structural property)	n/a	All permitted values	Yes	No	The set of virus scan engines, of the same type, that are part of this cluster.
ScanServiceProvider	VirusScanEngineCluster.ScanServiceProvider (Legal values: Symantec, TrendMicro, McAfee)	Symantec	All permitted values	Yes	Yes	Engines in a cluster are of the same type and are supplied by this third-party virus scan service provider.
VirusScanPolicy	VirusScanConfigurable.VirusScanPolicy (Legal values: NO_SCAN_OR_REPAIR, SCAN_ONLY, SCAN_AND_REPAIR)	NO_SCAN_OR_REPAIR	All permitted values	Yes	No	Scan policy configured for Beehive. If the policy is set to SCAN_ONLY is set and a request to scan and repair is received, caller will receive an exception.
VirusesToIgnore	List<String>	n/a	All permitted values	Yes	No	List of viruses that Beehive can choose to ignore and treat as un-infected. This list will only be evaluated if the the OverrideEngineResultEnabled is also set to true.

VoiceMessageService

The following properties are available for VoiceMessageService:

Table 4–166 VoiceMessageService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DebugFlags	Integer	0	All permitted values	Yes	No	long description key not set
EmailResendingEnabled	boolean	true	All permitted values	Yes	No	long description key not set
FacilityProperties	VoiceMessageService.FacilityProperties	n/a	All permitted values	Yes	No	long description key not set
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
VoiceMessageProperty	String	n/a	All permitted values	Yes	No	long description key not set

VoiceMessageService.EnterpriseProperties

The following properties are available for VoiceMessageService.EnterpriseProperties:

Table 4–167 VoiceMessageService.EnterpriseProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
EnterpriseCollabId	String	n/a	All permitted values	Yes	No	long description key not set
ExclusiveAudioContentURIs	List<String>	n/a	All permitted values	Yes	No	URI to where exclusive (application specific) audio content can be found by a VoiceXML router. This is optional.
Name	String	n/a	All permitted values	Yes	No	The name of the Enterprise. For example, "Oracle" or "General Motors".
RecordPlaybackURIs	List<String>	n/a	All permitted values	Yes	No	The URI where audio, spoken by a caller, is received by the server and stored in the database. This is optional. Reasons for setting it is if an environment is configured with a load balancer or different security settings. For example, the server may always require SSL, but streaming by not. By default the value is <code>http://[host]:[port]/voice-servlet/vmail/crs</code> . However, if the server is behind a load balancer with multiple midtiers, then the URI of the load balancer should be specified: <code>http://beehive.example.com/voice-servlet/vmail/crs</code> . NOTE: The scheme (http/https), host and port are the only things that are configurable. The remaining parts of the path are not. If NOT set at the Facility level, then the Enterprise value is used.

Table 4–167 (Cont.) VoiceMessageService.EnterpriseProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RecordStreamURIs	List<String>	n/a	All permitted values	Yes	No	The URI where audio, spoken by a caller, is received by the server and stored in the database. This is optional. Reasons for setting it is if an environment is configured with a load balancer or different security settings. For example, the server may always require SSL, but streaming by not. By default the value is <code>http://[host]:[port]/voice-servlet/vmail/crs</code> . However, if the server is behind a load balancer with multiple midtiers, then the URI of the load balancer should be specified: <code>http://beehive.example.com/voice-servlet/vmail/crs</code> . NOTE: The scheme (http/https), host and port are the only things that are configurable. The remaining parts of the path are note. If NOT set at the Facility level, then the Enterprise value is used.
SharedAudioContentURIs	List<String>	n/a	All permitted values	Yes	No	Shared audio refers to audio that is generic across all voice services: integers, digits, phone numbers, dates, times, etc. Setting this is optional. Reasons for setting it is if an environment is configured such that these audio resources are on a separate server from the one currently deployed. By default the value will be relative to the application: <code>../shared-audio</code> . If NOT set at the Facility level, then the Enterprise value is used.
TelephoneAnsweringAddress	String	n/a	All permitted values	Yes	No	The email address that appears in the 'from' field of an email when a voice mail is received from an unknown caller. This email address must exist in Beehive. When the sender is known, then his or her email address is used. But, this email address is only when the caller is unknown and is required to exist, but not monitored to receive email responses.

VoiceMessageService.FacilityProperties

The following properties are available for VoiceMessageService.FacilityProperties:

Table 4–168 *VoiceMessageService.FacilityProperties Properties*

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ExclusiveAudioContentURIs	List<String>	n/a	All permitted values	Yes	No	URI to where exclusive (application specific) audio content can be found by a VoiceXML router. This is optional.
FacilityCollabId	String	n/a	All permitted values	Yes	No	long description key not set
Name	String	n/a	All permitted values	Yes	No	"Facility" is a well-defined technical notion for voice mail. It refers to a group of people and associated telephone equipment and other information, such as the local number to dial in to hear voice messages. Historically, Facilities have been identified with geographical locations, such as corporate headquarters, or the Chicago field office, but this is not strictly necessary. Example of Facility names are "Headquarters" and "Chicago Sears Tower Office".

Table 4–168 (Cont.) VoiceMessageService.FacilityProperties Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RecordPlaybackURIs	List<String>	n/a	All permitted values	Yes	No	The URI where audio, spoken by a caller, is received by the server and stored in the database. This is optional. Reasons for setting it is if an environment is configured with a load balancer or different security settings. For example, the server may always require SSL, but streaming by not. By default the value is <code>http://[host]:[port]/voice-servlet/vmail/crs</code> . However, if the server is behind a load balancer with multiple midtiers, then the URI of the load balancer should be specified: <code>http://beehive.example.com/voice-servlet/vmail/crs</code> . NOTE: The scheme (http/https), host and port are the only things that are configurable. The remaining parts of the path are note.
RecordStreamURIs	List<String>	n/a	All permitted values	Yes	No	The URI where audio, spoken by a caller, is received by the server and stored in the database. This is optional. Reasons for setting it is if an environment is configured with a load balancer or different security settings. For example, the server may always require SSL, but streaming by not. By default the value is <code>http://[host]:[port]/voice-servlet/vmail/crs</code> . However, if the server is behind a load balancer with multiple midtiers, then the URI of the load balancer should be specified: <code>http://beehive.example.com/voice-servlet/vmail/crs</code> . NOTE: The scheme (http/https), host and port are the only things that are configurable. The remaining parts of the path are note.
SharedAudioContentURIs	List<String>	n/a	All permitted values	Yes	No	Shared audio refers to audio that is generic across all voice services: integers, digits, phone numbers, dates, times, etc. Setting this is optional. Reasons for setting it is if an environment is configured such that these audio resources are on a separate server from the one currently deployed. By default the value will be relative to the application: <code>../shared-audio</code>

VoiceServletService

The following properties are available for VoiceServletService:

Table 4–169 VoiceServletService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

WebdavService

The following properties are available for WebdavService:

Table 4–170 WebdavService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AuthenticationScheme	String	BASIC	This property has a customized constraint.	Yes	No	Default authentication scheme for WebDAV server. Accepted values are: BASIC, DIGEST, DIGEST-BASIC.
BrowserSessionTimeout	int	30	This property has a customized constraint.	Yes	No	Length of idle time (in minutes) after which browser session will expire.
DMSInstrumentation	boolean	false	All permitted values	Yes	No	Enables or disables collection of Dynamic Monitoring System statistics.
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DavClientSessionTimeout	int	960	This property has a customized constraint.	Yes	No	Idle time (in minutes) until the Pure WebDAV client session is timed out.
DefaultWelcomeDocs	String[]	[index.html, index.htm]	All permitted values	Yes	No	The array (comma-delimited list) of welcome document names that are served up if a GET is done on a collection containing one of these documents.
DepthLimit	int	3	Min=1, Max=6	Yes	No	The depth limit to be used for PROPFIND when depth of infinity is specified by the WebDAV client.
DisplayLastModifiedBy	boolean	true	All permitted values	Yes	No	Enables or disables display of the last-modified user in generated HTML index pages.
DisplayLastModifiedOn	boolean	true	All permitted values	Yes	No	Enables or disables display of the last-modified time (date and time) in generated HTML index pages.

Table 4–170 (Cont.) WebdavService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DisplayLockStatus	boolean	false	All permitted values	Yes	No	Enables or disables display of locked status in generated HTML index pages.
DisplayVersioningStatus	boolean	false	All permitted values	Yes	No	Enables or disables display of versioning information in generated HTML index pages.
DownloadBufferSize	int	261888	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while downloading stream data. Deployments that typically stream small files, as well as those with limited midtier memory, may improve performance by setting this value below the default. Deployments with a large amount of midtier memory may likewise improve performance by setting this value above the default.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MinimumLockTimeout	int	4	This property has a customized constraint.	Yes	No	The minimum timeout value (in minutes) that a client can request while acquiring a lock.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

Table 4–170 (Cont.) WebdavService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
UploadBufferSize	int	260096	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while uploading stream data. Deployments that typically stream small files, as well as those with limited midtier memory, may improve performance by setting this value below the default. Deployments with a large amount of midtier memory may likewise improve performance by setting this value above the default.
UserPreferenceRefreshTime	int	180	This property has a customized constraint.	Yes	No	Length of time (in minutes) before user preferences are refreshed.
WebDAVServerEnabled	boolean	true	All permitted values	Yes	No	Enables or disables the WebDAV server. When set to false, the WebDAV server will return an exception.

WikiService

The following properties are available for WikiService:

Table 4–171 WikiService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
PluginHtmlAntiSamy Enabled	boolean	true	All permitted values	Yes	No	Specifies whether or not Rich Text descriptions will be filtered by AntiSamy prior to display in the Team Collaboration Client to remove potentially malicious xhtml and javascript. Valid values: true, false
PluginHtmlAntiSamy PolicyFilePath	String	oracle/ocs/amshare/util/antisamy-strict.xml	All permitted values	Yes	No	Path to the AntiSamy policy xml file, used to configure the AntiSamy XHTML filtering of Rich Text descriptions. The path may be absolute or relative to the Beehive home directory.
PluginHtmlEnabled	boolean	false	All permitted values	Yes	No	Specifies whether or not users can insert raw html into wiki pages using the html plugin. Valid values: true, false

Table 4–171 (Cont.) WikiService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
WikiTextReplace	List<String>	n/a	All permitted values	Yes	No	This service property allows administrators to specify a list of regular expressions that will be applied to rendered WikiPages for display purposes. The regular expressions should follow the standard Perl regular expression syntax, for example: <code>s/match/replace/g</code> . Please see Perl documentation for more information on regular expressions. The regular expressions are applied to each text node in the HTML after all XHTML related escaping is done so it is the responsibility of the administrator to write regular expressions that are safe for insert directly into HTML pages. This also means that when attempting to match characters <code><</code> , <code>></code> , <code>&</code> , <code>"</code> , <code>'</code> , the administrator should use <code>&lt;</code> , <code>&gt;</code> , <code>&amp;</code> , <code>&quot;</code> , <code>&#39;</code> ; instead, respectively. The regular expressions will be applied to the WikiPage text nodes in the order that they are provided in beectl. Please note that the administrator must re-specify all regular expressions if they want to add another one. Similarly, if the administrator wants to remove one, then all of the existing regular expressions need to be specified except for the one to be removed. For these reasons, administrators are strongly encouraged to keep a file containing the last command that was used to modify this property. If a user enters a set of regular expressions, and observes that the intended text is not being replaced in the wiki pages, the user can set the log level of BEECLIENT to INFO and search for <code>MalformedPerl5PatternException</code> to determine what the syntax error(s) may be in the regular expressions. To remove all regular expressions, please run <code>modify_property</code> with the <code>--revert_to_default</code> flag.

WorkspacesService

The following properties are available for WorkspacesService:

Table 4–172 WorkspacesService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
AllowContentHtmlScripts	boolean	true	All permitted values	Yes	No	Allows or disallows uploads of HTML files with client-side scripting. This is enabled by default, but administrators may wish to disable this in order to prevent malicious JavaScript code from executing on the server.
BlockedFileExtensions	String		This property has a customized constraint.	Yes	No	Specifies a comma-separated list of file extensions that are disallowed from being uploaded to the Beehive server, without the periods and with no spaces after the commas. This is intended to be used so administrators can block potential security vulnerabilities from entering the system. For example, a list might look like: xls,doc,swf
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryIntervalList	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DbDownloadBufferSize	int	261888	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while downloading stream data from the database layer. Deployments that typically stream small files, as well as those with limited memory, may improve performance by setting this value below the default. Deployments with larger memory may likewise improve performance by setting this value above the default.

Table 4–172 (Cont.) WorkspacesService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
DbUploadBufferSize	int	260096	Min=16384, Max=1048576	Yes	No	The buffer size, in bytes, used while uploading stream data to the database layer. Deployments that typically stream small files, as well as those with limited memory, may improve performance by setting this value below the default. Deployments with a larger memory may likewise improve performance by setting this value above the default.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MaxRecentActivitiesPerGroup	int	5000	This property has a customized constraint.	Yes	No	The group-max property specifies the maximum number of entries to retain for each group (defined by RecentActivityPurgeType property) during a scheduled-purge of the recent activities table. The scheduled-purge keeps, for each group (defined by RecentActivityPurgeType property), at most N entries, if the number of entries specified in this property equals N.
MembershipNotificationEnabled	boolean	true	All permitted values	Yes	No	Enables or disables e-mail notification to a user when joining or leaving a workspace.
MinRecentActivitiesPerGroup	int	5	This property has a customized constraint.	Yes	No	The group-min property specifies the minimum number of entries to retain for each group (defined by RecentActivityPurgeType property) during a scheduled-purge of the recent activities table. The scheduled-purge ensures that the most recent activities of each group are kept for up to the number of entries specified in this property, preventing them from being purged even if they are older than RecentActivityDaysToLive.
QuotaNotificationEnabled	boolean	true	All permitted values	Yes	No	Enables or disables e-mail notification to workspace coordinators when workspace quota is reached.

Table 4–172 (Cont.) WorkspacesService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
QuotaOverflowPercentage	int	5	This property has a customized constraint.	Yes	No	Percentage of quota, expressed as an integer, that may be exceeded the first time prior to automatic rejection of further data additions to a workspace. For example, if 1 GB of quota is allocated to the workspace, and the quota overflow percentage is 5, and hard quota has not been reached, then data additions will succeed if workspace size will be below 1.05 GB after this. Once hard quota is reached, data addition will be rejected even if workspace size is below 1.05 GB.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
RecentActivityDaysToLive	int	90	This property has a customized constraint.	Yes	No	The Days-To-Live property specifies the maximum days a recent activity entry will be kept during a scheduled purge of the recent activities table. The recent activities table is expected to be huge, and therefore a scheduled job is used regularly to automatically clean up old entries that are deemed less relevant. The purge ensures that each group (indicated by RecentActivityPurgeType property) will have a minimum number of rows (see MinRecentActivitiesPerGroup property), and then keep only recent activities within Days-To-Live days as long as the total number of rows per group does not exceed the maximum (see MaxRecentActivitiesPerGroup property).

Table 4–172 (Cont.) WorkspacesService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
RecentActivityInPersonalWorkspaceEnabled	boolean	false	All permitted values	Yes	No	When this property is set to true, recent activities in personal workspaces are tracked. Out of box, the value is false
RecentActivityPurgeType	int	1	Min=0, Max=2147483647	Yes	No	The purge-type property specifies how the scheduled-purge for recent activities table is performed. Currently it can be set to 0 (no purging), 1 (purge-by-workspace) or 2 (purge-by-user). Purge-by-workspace indicates the ranking of recent activity is done per workspace, which means it will keep at least MinRecentActivitiesPerGroup (and at most MaxRecentActivitiesPerGroup) the most recent entries captured in each workspace. Purge-by-user indicates the ranking of recent activity is done per user.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

XmppService

The following properties are available for XmpService:

Table 4–173 XmppService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
DomainNames	List<String>	[example.com]	This property has a customized constraint.	Yes	No	All domains for which xmpp allows login. For example oracle.com, sales.idc.com, org.company.com
Language	String	en	This property has a customized constraint.	Yes	No	Language used by server.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
MessagesOnInvalidAction	List<String>	[]	This property has a customized constraint.	Yes	No	purpose of this property is to send relevant messages to users when they perform operation which are either not allowed or carried out with wrong inputs.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
SearchFields	List<SearchField>	[first, last, email]	All permitted values	Yes	No	Fields on which a user can search User Directory.

Table 4–173 (Cont.) XmppService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
SupportedAgents	List<AgentType>	[uds]	All permitted values	Yes	No	List of all agents supported by xmpp server
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set
VersionRules	List<String>	[]	This property has a customized constraint.	Yes	No	specify the rules for different xmpp messenger clients, sending message to user and whether disconnect the user or let him/her continue on using a particular client
XmppPort	int	5222	Network Port, Min=1, Max=65536	Yes	No	Xmpp Server accepts connection on this port
XmppSslPort	int	5223	Network Port, Min=1, Max=65536	Yes	No	Port for SSL communication
XmppTimerKeepAlive Time	int	5	Min=0, Max=10	Yes	No	keep-alive time, in minutes, used for detecting the stale connections. Negative or zero value disables the stale connection detection timer

ZimbraConnectorService

The following properties are available for ZimbraConnectorService:

Table 4–174 ZimbraConnectorService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set

ZimbraUIService

The following properties are available for ZimbraUIService:

Table 4–175 ZimbraUIService Properties

Name	Data Type	Default Values	Accepted Values	Mutable	Read Only	Description
Database	Database	n/a	All permitted values	Yes	No	Service specific database storage information.
DatabaseRetryInterval List	List<Integer>	n/a	This property has a customized constraint.	Yes	No	The database retry interval list is a list of non-negative integer values used to configure the desired retry behavior when database operations fail. Beehive components that interact with the database will retry failed operations as many times as the number of values in the list. The values of the integers in the list configure the length of the interval guaranteed to elapse before each successive retry is attempted. The units are in milliseconds. If the list is empty, failed operations will not be retried. There is no limit on the number of values in the list, so there is no limit on how many retry attempts may be configured. A value of 0 causes immediate retry.
LogLevel	Level (Legal values: SEVERE, WARNING, INFO, CONFIG, FINE, FINER, FINEST)	OFF	All permitted values	Yes	No	The standard logging level that can be used to control logging output. The levels are ordered. Enabling logging at a given level also enables logging at all higher levels. The levels in descending order are: SEVERE (highest value), WARNING, INFO, CONFIG, FINE, FINER, FINEST (lowest value). In addition there is a level OFF that can be used to turn off logging, and a level ALL that can be used to enable logging of all messages.
ReadOnlyDBAccessEnabled	Boolean	true	All permitted values	Yes	No	Priority for enabling read-only access for the service.
UdsCacheDisabled	boolean	false	All permitted values	Yes	No	long description key not set