

Oracle® Identity Manager

Release Notes

Release 9.0.3

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This document contains release notes for Oracle Identity Manager Release 9.0.3 and includes the following topics:

- [New in Oracle Identity Manager Release 9.0.3](#)
- [Certified Components](#)
- [Known Issues and Workarounds](#)
- [Resolved Issues](#)
- [API Changes](#)
- [Documentation Accessibility](#)

Notes:

- Oracle Identity Manager was previously known as Oracle Xellerate Identity Provisioning.
 - Oracle Identity Manager Connectors, which were previously referred to as resource adapters, are no longer bundled with Oracle Identity Manager. Oracle Identity Manager Connectors are now distributed several times a year in the Oracle Identity Manager Connector Pack, independent from Oracle Identity Manager.
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See Also: The following documentation, located on your installation media, for detailed information on Oracle Identity Manager:

- *Oracle Identity Manager Administrative and User Console Guide*
- *Oracle Identity Manager Administrative and User Console Customization Guide*
- *Oracle Identity Manager API Usage Guide*
- *Oracle Identity Manager Audit Report Developer's Guide*
- *Oracle Identity Manager Best Practices Guide*
- *Oracle Identity Manager Design Console Guide*
- *Oracle Identity Manager Globalization Guide*
- *Oracle Identity Manager Glossary of Terms*
- *Oracle Identity Manager Installation Guide for JBoss*
- *Oracle Identity Manager Installation Guide for Oracle Application Server*
- *Oracle Identity Manager Installation Guide for WebLogic*
- *Oracle Identity Manager Installation Guide for WebSphere*
- *Oracle Identity Manager Integration Guide for Crystal Reports*
- *Oracle Identity Manager Tools Reference Guide*
- *Oracle Identity Manager Upgrade Guide*

1 New in Oracle Identity Manager Release 9.0.3

Release 9.0.3 includes the following new functionality:

- [Generic Connector Technology Functionality](#)
- [New Localized Language Translations](#)
- [Support for New Application Server Versions](#)
- [Reconciliation Archival Utility](#)
- [Crystal Reports Integration](#)
- [Oracle Application Server Single Sign-On Integration](#)
- [Support for Oracle Application Server Clusters](#)
- [Flexibility to Set Oracle Identity Manager Administrator's xelsysadm Password During Installation](#)
- [Multiple Enhancements to User Profile Auditing](#)
- [Improved Installer Program for WebLogic Deployments](#)

1.1 Generic Connector Technology Functionality

Release 9.0.3 includes Generic Technology Connector functionality allowing you to create and manage custom connectors independent of the APIs that a target system supports and the data repository type and schema in which a target

system stores identity data. Refer to the *Oracle Identity Manager Generic Technology Connector Administrator's Guide* for complete information.

1.2 New Localized Language Translations

Release 9.0.3 expands Oracle Identity Manager globalization support by including localized translations for the following new languages:

- Chinese Simplified
- Chinese Traditional
- German
- Italian
- Korean
- Portuguese (Brazilian)
- Spanish

Refer to the *Oracle Identity Manager Globalization Guide* for complete information on Oracle Identity Manager globalization support.

1.3 Support for New Application Server Versions

Release 9.0.3 supports newer versions of application servers, specifically:

- WebSphere 5.1.1.12
- WebLogic 8.1 with Service Pack 6 (SP6)
- JBoss 4.0.3 with SP1

Refer to [Certified Application Servers](#) for a complete list of the certified application servers for Release 9.0.3.

1.4 Reconciliation Archival Utility

Release 9.0.3 includes a new Reconciliation Archival utility that allows you to perform the following tasks for both Oracle and SQL Server databases:

- Archive all data or specified from the active reconciliation tables to the archive reconciliation tables
- Delete data from the archive reconciliation tables
- Delete data from the active reconciliation tables

Refer to the *Oracle Identity Manager Best Practices Guide* for more information about the Reconciliation Archival utility.

1.5 Crystal Reports Integration

Release 9.0.3 supports Crystal Reports integration that allows you to create Crystal Report versions of Oracle Identity Manager reports. Refer to the *Oracle Identity Manager Integration Guide for Crystal Reports* for more information about integrating Crystal Reports with Oracle Identity Manager.

1.6 Oracle Application Server Single Sign-On Integration

Release 9.0.3 supports integration with Oracle Application Server (OracleAS) Single Sign-On. Release 9.0.3 is certified for OracleAS Single Sign-On 10g 10.1.4.0.1 for both ASCII and non-ASCII character logins.

1.7 Support for Oracle Application Server Clusters

Release 9.0.3 supports both clustered and non-clustered Oracle Application Server environments. Refer to the *Oracle Identity Manager Installation Guide for Oracle Application Server* for more information on deploying Oracle Identity Manager in Oracle Application Server clusters.

1.8 Flexibility to Set Oracle Identity Manager Administrator's xelsysadm Password During Installation

Release 9.0.3 includes a new feature that allows you to set the password for the Oracle Identity Manager Administrator during installation.

1.9 Multiple Enhancements to User Profile Auditing

Release 9.0.3 includes multiple User Profile Auditing enhancements, including:

- A new flag named XL.SendAuditJMSMessage to hold JMS messages from the User Profile Auditing queue.
- User Profile Audit engine enhanced to recreate the initial snapshot if audit is created for a user and no initial snapshot is present.

Refer to the *Oracle Identity Manager Audit Report Developer's Guide* for complete information.

1.10 Improved Installer Program for WebLogic Deployments

The Oracle Identity Manager installer program for WebLogic was improved in Release 9.0.3 to configure multiple WebLogic configuration settings for production environments by default, including JDBC Connection Pool and JMS Queue settings.

Refer to the *Oracle Identity Manager Installation Guide for WebLogic* for more information.

2 Certified Components

This section identifies components certified with Release 9.0.3 and contains the following topics:

- [Certified Application Servers](#)
- [Certified Operating Systems](#)
- [Certified Databases](#)
- [Certified Languages](#)
- [Certified JDKs Per Application Server](#)
- [Certified Configurations](#)

- [Certified Design Console Operating Systems](#)
- [Certified Remote Manager Operating Systems](#)
- [Certified Single Sign-On Components](#)
- [Certified Internet Browsers](#)

2.1 Certified Application Servers

Release 9.0.3 is certified for the following application servers:

- WebSphere 5.1.1.12
- WebLogic 8.1 with Service Pack 6 (SP6)
- JBoss 4.0.3 with SP1
- Oracle Application Server SOA Suite 10g (10.1.3.1.0)

Note: When you run the Oracle SOA Suite installer program you must choose the **Advanced Install** option and choose only the **J2EE Server and Web Server** option on the Select Installation Type screen. No other installation type will support Release 9.0.3—you must choose the **J2EE Server and Web Server** option.

2.2 Certified Operating Systems

The Release 9.0.3 Oracle Identity Manager server is certified for the following operating systems:

- Red Hat Linux AS 4.3
- Windows 2003 R2

Note: For information about additional certified operating systems for Release 9.0.3, refer to the *Oracle Identity Management Certification Information* on the Oracle Technology Network Web site at:

<http://www.oracle.com/technology/index.html>

2.3 Certified Databases

Release 9.0.3 is certified for the following databases:

- Oracle 9i Enterprise Edition Releases:
 - 9.2.0.7
 - 9.2.0.8
- Oracle 10g Enterprise Edition Releases:
 - 10.1.0.5
 - 10.2.0.1
 - 10.2.0.2
 - 10.2.0.2 with RAC

2.4 Certified Languages

Release 9.0.3 is certified for the following languages:

- English
- Japanese
- French
- Chinese Simplified
- Chinese Traditional
- German
- Italian
- Korean
- Portuguese (Brazilian)
- Spanish

Note: Refer to the *Oracle Identity Manager Globalization Guide* for complete information on Oracle Identity Manager globalization support.

2.5 Certified JDKs Per Application Server

Release 9.0.3 is certified for the following JDKs for each certified application server:

Table 1 *Certified JDKs Per Certified Application Server*

Application Server	Certified JDK
WebSphere	JDK included with WebSphere 5.1.1.12
JBoss	Sun 1.4.2_12
WebLogic	JDK included with WebLogic 8.1 SP6
Oracle Application Server	JDK included with Oracle Application Server 10.1.3.1

2.6 Certified Configurations

Release 9.0.3 is certified for the configurations listed in [Table 2](#). All configurations are certified for clustered and non-clustered environments.

Table 2 *Release 9.0.3 Certified Configurations*

Application Server	Operating System	Database	Languages
WebSphere	Red Hat Linux	Oracle	All Oracle Identity Manager Certified Languages .
JBoss	Red Hat Linux	Oracle	All Oracle Identity Manager Certified Languages .
	Windows	Oracle	All Oracle Identity Manager Certified Languages .

Table 2 (Cont.) Release 9.0.3 Certified Configurations

Application Server	Operating System	Database	Languages
Oracle Application Server	Red Hat Linux	Oracle	All Oracle Identity Manager Certified Languages .
	Windows	Oracle	All Oracle Identity Manager Certified Languages .
WebLogic	Red Hat Linux	Oracle	All Oracle Identity Manager Certified Languages .
	Windows	Oracle	All Oracle Identity Manager Certified Languages .

Note: For information about additional certified configurations for Release 9.0.3, refer to the *Oracle Identity Management Certification Information* on the Oracle Technology Network Web site at:

<http://www.oracle.com/technology/index.html>

2.7 Certified Design Console Operating Systems

The Release 9.0.3 Oracle Identity Manager Design Console is certified on all versions of Windows 2003 and Windows XP.

2.8 Certified Remote Manager Operating Systems

The Release 9.0.3 Oracle Identity Manager Remote Manager is certified on the following operating systems:

- Red Hat Linux AS 4.3
- Windows 2003 R2

Note: For information about additional Remote Manager certified operating systems for Release 9.0.3, refer to the *Oracle Identity Management Certification Information* on the Oracle Technology Network Web site at:

<http://www.oracle.com/technology/index.html>

2.9 Certified Single Sign-On Components

Release 9.0.3 is certified for Single Sign-On with the following components:

- Oracle Access Manager 10.1.4.0.1 (formerly known as Oracle COREid) using ASCII character logins and non-ASCII character logins.

Note: Single Sign-On with Oracle Access Manager 10.1.4.0.1 for non-ASCII character logins requires an Oracle Access Manager patch. Contact your Oracle support representative and reference Bug 5552617 to acquire the appropriate Oracle Access Manager patch.

- OracleAS Single Sign-On 10g 10.1.4.0.1 for ASCII and non-ASCII character logins
- RSA ClearTrust 5.5 for ASCII character logins only

See Also: The *Oracle Identity Manager Best Practices Guide* for additional information about configuring Single Sign-On for Oracle Identity Manager with Oracle Access Manager and OracleAS Single Sign-On.

2.10 Certified Internet Browsers

Release 9.0.3 is certified for Microsoft Internet Explorer 6.0 with SP2.

3 Known Issues and Workarounds

This section describes known issues for Release 9.0.3. If a suitable workaround exists for a known issue, it is listed with the description of the issue to provide a temporary solution. This section contains the following topics:

- [Installation Known Issues](#)
- [General Known Issues](#)
- [Design Console Known Issues](#)
- [Reports Known Issues](#)
- [Globalization Known Issues](#)

3.1 Installation Known Issues

This section describes known issues related to the installation of Release 9.0.3 components. This section contains the following topics:

- [Installer Program Does Not Verify WebLogic Server Name \(Bug 5389372\)](#)
- [Inaccurate Error Message Displayed When Cancelling the Oracle Identity Manager Server Installation \(Bug 5401425\)](#)
- [Installation Fails When The Database User Name Includes Special Characters \(Bug 5563636\)](#)
- [Design Console's xlclient.cmd Executable Does Not Launch if Paths Include a Space \(Bug 5853425\)](#)

3.1.1 Installer Program Does Not Verify WebLogic Server Name (Bug 5389372)

The Oracle Identity Manager installer program does not verify the application server name when installing on WebLogic and the installation is successful regardless if you enter the incorrect WebLogic server name.

For example, you want to install Oracle Identity Manager on a WebLogic server named *myWebLogic*. On the installer's **Weblogic Application Server Information** page, you enter the IP address for *myWeblogic*, but incorrectly enter *yourWebLogic* as the name for the *myWebLogic* server. The installer program installs Oracle Identity Manager on *myWebLogic* despite the incorrect server name. To avoid this issue, double-check the name of the WebLogic server you enter when installing Oracle Identity Manager.

3.1.2 Inaccurate Error Message Displayed When Cancelling the Oracle Identity Manager Server Installation (Bug 5401425)

Clicking the **Cancel** button while the Oracle Identity Manager server is installing displays the error message: `The current operation cannot be cancelled.`

You can ignore this error message. Clicking the **Cancel** button does stop the Oracle Identity Manager server installation process.

3.1.3 Installation Fails When The Database User Name Includes Special Characters (Bug 5563636)

The Oracle Identity Manager installer program fails when you specify a string that includes any of the following special characters for the database user name:

- Asterisks (*)
- Commas (,)
- Hyphens (-)
- Apostrophes or single quotations (')
- Double quotations (")

To avoid this issue, be sure you specify a database user name that meets the following requirements:

- All characters are alphanumeric
- The first character is a letter
- The string does not contain any special characters

3.1.4 Entering the Incorrect WebLogic Domain Directory Terminates Installation (Bug 5415469)

When installing Oracle Identity Manager on a WebLogic application server, entering an incorrect path to the WebLogic Domain directory will terminate the installation and the following error message appears:

```
You do not have write permission on <incorrect path to WebLogic Domain directory>. Make sure that you have a write permission on it and start installation process again.
```

To avoid this issue, double-check the path you enter for the WebLogic Domain directory is correct and does not contain any typographic errors.

3.2 General Known Issues

This section describes known issues related to the general runtime operation of Release 9.0.3, including known issues for Oracle Identity Manager server and known issues for the Administrative and User Console not related to reporting. This section contains the following topics:

- [Stack Overflow Exception Thrown When Importing an XML File \(Bug 5350771\)](#)
- [Benign Exception Warning Message Appears in WebSphere Log After Installing Release 9.0.3 and Starting the Application Server \(Bug 5607996\)](#)
- [ConcurrentModificationException in JBoss Cluster Configuration When Replicating Session Data \(Bug 5180914\)](#)
- [Pending Approvals Cannot be Filtered by Requester Name \(Bug 5365516\)](#)
- [URL for Administrative and User Console Calendar Icon May Appear Twice in Windows 2003 \(Bug 5330984\)](#)
- [All Records Returned when Filtering Records by the Date Type User Defined Field \(Bug 5376321\) and Searching Using Character Strings \(Bug 5354752\)](#)
- [Cannot Delete a Group That is A Process Owner for an Attestation Process \(Bug 5469706\)](#)
- [Cannot Edit Dates by Entering Values Directly in Administrative and User Console Date Fields \(Bug 5533945\)](#)
- [Errors When Modifying Settings and Assignments for Internal System Seeded Users \(Bug 5357781\)](#)
- [Groups with Data Object Permissions on Form Not Exported with Resource \(Bug 5345276\)](#)
- [Resource Dependency Relationships Are Reversed After Export \(Bug 5345236\)](#)
- [Error Message Appears After Single Sign-On Timeout Interval in Deployment Manager or WorkFlow Visualizer Windows \(Bug 5553411\)](#)
- [Null Pointer Exception Thrown When Running the purgecache.bat Utility \(Bug 5388849\)](#)
- [Multiple File Download Windows May Appear When Exporting Reports to CSV Format Using Internet Explorer version 6.0.2800 \(Bug 5496043\)](#)
- [Single Sign-On Login Fails When "Force to set questions at startup" is TRUE \(Bug 5565798\)](#)
- [Disabling an Organization That Has a Child Organization Permitted and No Message is Displayed \(Bug 5456216\)](#)
- [System Error May Occur When Accessing Administrative and User Console after Database is Restarted \(Bug 5563616\)](#)
- [Using the IP Address of the Oracle Application Server Host in the URL to Connect to the Administrative and User Console May Cause Errors \(Bug 5389650\)](#)
- [Administrative and User Console Known Issues Related to Users Created with the Same User ID as Previously Deleted Users](#)

- [System Error May Appear In Administrative and User Console After Receiving Illegal Script Tag or Characters Error and Clicking Back \(Bug 5676771\)](#)
- [Benign Warning Messages May Appear in Oracle Application Server Log File After Installing Release 9.0.3 and Starting Oracle Application Server \(Bug 5840687\)](#)
- [Deployment Manager Requires JRE 1.4.2 \(Bug 5565793\)](#)
- [Exception May Appear for JBoss Deployments on Linux if the Linux Kernel Includes IPv6 Support \(Bug 5637999\)](#)

3.2.1 Stack Overflow Exception Thrown When Importing an XML File (Bug 5350771)

When you import an XML file, a stack overflow exception may be thrown if the import operation changes the organizational hierarchy. You can safely ignore this exception.

3.2.2 Benign Exception Warning Message Appears in WebSphere Log After Installing Release 9.0.3 and Starting the Application Server (Bug 5607996)

After installing Release 9.0.3 on WebSphere 5.1.1.12 and starting the application server, a benign exception warning message appears in the WebSphere log regarding the following:

```
J2CA0007W: An exception occurred while invoking method setsetMcfPassword on
com.ibm.ejs.jms.JMSManagedQueueSessionFactory
```

This is a known WebSphere exception warning message and can safely be ignored. Refer to IBM's WebSphere Application Server support Web site for more information.

3.2.3 ConcurrentModificationException in JBoss Cluster Configuration When Replicating Session Data (Bug 5180914)

When replicating session data, the JBoss application server may fail and generate the following exception in a clustered configuration:

```
16:43:07,296 ERROR [JBossCacheManager] processSessionRepl: failed with
exception: java.util.ConcurrentModificationException
16:43:07,296 WARN [InstantSnapshotManager] Failed to replicate
sessionID:GzUYJdx1SLVxS7ssRtvWwQ**.tqx00
```

3.2.4 Pending Approvals Cannot be Filtered by Requester Name (Bug 5365516)

If you attempt to use the Requester filter to refine the results in the Pending Approvals page, a message displays indicating the search did not return any results. You can only use the Requester filter to refine results by the requester ID and not by requester first name or last name.

3.2.5 URL for Administrative and User Console Calendar Icon May Appear Twice in Windows 2003 (Bug 5330984)

The URL for the calendar icon in the Administrative and User Console may appear twice on Windows 2003 platforms.

3.2.6 All Records Returned when Filtering Records by the Date Type User Defined Field (Bug 5376321) and Searching Using Character Strings (Bug 5354752)

In the Administrative and User Console, searching based on the Date Type User Defined Field may return all records instead of just the records matching the specified dates. Using character string input as search criteria may also return all records. To avoid these issues, be sure to use the following date format: *YYYY-MM-DD*.

3.2.7 Cannot Delete a Group That is A Process Owner for an Attestation Process (Bug 5469706)

If an Attestation process has a group as its Process Owner, that group cannot be deleted. Attempting to delete the group will display a **System Error** page. To avoid this issue, modify the attestation process definition and assign a different group as the process owner group. You can delete the original group after assigning a different process owner group.

3.2.8 Cannot Edit Dates by Entering Values Directly in Administrative and User Console Date Fields (Bug 5533945)

All dates in the Administrative and User Console must be edited using the calendar icon associated with the **Date** field. Do not edit dates directly by entering text in a **Date** field, instead, use that field's calendar icon to edit the date value.

3.2.9 Errors When Modifying Settings and Assignments for Internal System Seeded Users (Bug 5357781)

Do not modify any settings or assignments for internal system seeded users. If you attempt to modify any settings or assignments for internal system seeded users you may encounter errors.

3.2.10 Groups with Data Object Permissions on Form Not Exported with Resource (Bug 5345276)

When you export a resource, groups with Data Object permissions on that form are not exported with the resource.

3.2.11 Resource Dependency Relationships Are Reversed After Export (Bug 5345236)

Resource dependency relationships are reversed after exporting a resource using the Administrative and User Console's Deployment Manager. For example, *Resource-Y* depends on *Resource-X*. After exporting *Resource-Y*, *Resource-X* is not displayed as a dependency. However, after exporting *Resource-X*, *Resource-Y* is displayed as its dependency.

3.2.12 Error Message Appears After Single Sign-On Timeout Interval in Deployment Manager or WorkFlow Visualizer Windows (Bug 5553411)

After a Single Sign-On session time out, clicking **Restart** in the Administrative and User Console's Deployment Manager or WorkFlow Visualizer windows may cause a "Client-Side error occurred" error message to appear. If this message appears, close the browser and access the Administrative and User Console using a new browser window.

3.2.13 Null Pointer Exception Thrown When Running the purgecache.bat Utility (Bug 5388849)

When you run the purgecache.bat utility, the following exception is thrown:

```
java.lang.NullPointerException
    at
com.opensymphony.oscache.base.AbstractCacheAdministrator
    .finalizeListeners(Abs
tractCacheAdministrator.java:323)
    at
com.opensymphony.oscache.general.GeneralCacheAdministrator
    .destroy(GeneralCacheAdministrator.java:168)
    at net.sf.hibernate.cache.OSCache.destroy(OSCache.java:59)
    at
net.sf.hibernate.cache.ReadWriteCache.destroy(ReadWriteCache.java:215)
    at
net.sf.hibernate.impl.SessionFactoryImpl.close(SessionFactoryImpl.java:542)
```

This exception can be safely ignored.

3.2.14 Multiple File Download Windows May Appear When Exporting Reports to CSV Format Using Internet Explorer version 6.0.2800 (Bug 5496043)

After running a report in the Administrative and User Console and clicking the **Export CSV** button to export the report data to Comma Separated Value format, a **File Download** window appears. In Internet Explorer version 6.0.2800, clicking on the **Open** button in the **File Download** window may display the same **File Download** window again. Click the **Open** button on the second **File Download** window to open the CSV file. This issue does not occur with Internet Explorer version 6.0.2900 and higher.

3.2.15 Single Sign-On Login Fails When "Force to set questions at startup" is TRUE (Bug 5565798)

The Administrative and User console does not support password reset questions in Single Sign-On mode. When the "Force to set questions at startup" flag is set to **TRUE**, login fails. To avoid this issue, perform the following steps:

1. Log in to the Design Console as **xelsysadm**.
2. Search for the system configuration parameter "Force to set questions at startup", set it to **FALSE**, and save the change.

3.2.16 Disabling an Organization That Has a Child Organization Permitted and No Message is Displayed (Bug 5456216)

You cannot disable organizations that have child, suborganizations without first removing the suborganizations. Release 9.0.3 contains a known issue where disabling an organization with a suborganization is permitted and no message is displayed. The organization is disabled regardless if it has suborganizations and no message appears to alert you if the organization has suborganizations.

3.2.17 System Error May Occur When Accessing Administrative and User Console after Database is Restarted (Bug 5563616)

Each application server exhibits different behavior when a database connection is lost during execution. While JBoss can automatically reestablish database connection, WebLogic and WebSphere cannot. For WebLogic, you can define settings for testing reserved connections, in which case the connections are established automatically. For WebSphere, you must configure your database for high-availability.

3.2.18 Using the IP Address of the Oracle Application Server Host in the URL to Connect to the Administrative and User Console May Cause Errors (Bug 5389650)

When connecting to the Administrative and User Console on Oracle Application Servers, do not use the IP address of the machine hosting the Oracle Application Server in the URL, as you may encounter errors. Instead, be sure to use the fully-qualified domain name of the machine hosting the Oracle Application Server in the URL for the Administrative and User Console, for example:

`http://localhost:7777/xlWebApp`

3.2.19 Administrative and User Console Known Issues Related to Users Created with the Same User ID as Previously Deleted Users

Release 9.0.3 contains the following known issues for users that were created with the same user ID as a previously deleted user, regardless if the user ID reuse property is enabled:

- those users cannot Create Request (Bug 5740274)
- those users cannot be assigned as a proxy (Bug 5741955)
- the Oracle Identity Manager Administrator cannot unlock those users after they have been locked-out as a result of multiple login attempts with incorrect passwords (Bug 5741957)
- reports may not generate information for those users, but instead will generate information for the deleted user with same ID (Bug 5741951)

3.2.20 System Error May Appear In Administrative and User Console After Receiving Illegal Script Tag or Characters Error and Clicking Back (Bug 5676771)

In Windows Server 2003 Service Pack 1 (SP1) environments, you may receive a System Error in the Administrative and User Console if you click the Back button after receiving the Illegal Script tag or Characters error message. This is a known issue (believed to be caused by patch MS03-048) in Windows Server 2003 SP1.

3.2.21 Benign Warning Messages May Appear in Oracle Application Server Log File After Installing Release 9.0.3 and Starting Oracle Application Server (Bug 5840687)

After installing Release 9.0.3 on Oracle Application Server and then starting Oracle Application Server, benign warning messages regarding files with the same name but that are not identical may appear in the Oracle Application Server log file. These warning messages are benign and can safely be ignored.

3.2.22 Deployment Manager Requires JRE 1.4.2 (Bug 5565793)

Export using the Administrative and User Console's Deployment Manager may experience problems when Internet Explorer is configured to use Microsoft Virtual Machine. To reset the default Virtual Machine, perform the following:

1. Download and install the Sun JRE 1.4.2_xx from the following Web site:
<http://java.sun.com/>.
2. Select **Tools** from the Internet Explorer menu.
3. Select **Internet Options**.
4. Select the **Advanced** tab.
5. Scroll down to **Java (Sun)**.
6. Check **Use Java 2v1.4.2_xx for <applet>**.
7. Scroll down to **Microsoft VM**.
8. Uncheck **Java console enabled** and **Java logging enabled**.
9. Restart the computer.

Note: JRE 1.4.2 is not required to run the Oracle Identity Manager Administrative and User Console—it is only required to run the Deployment Manager.

3.2.23 Exception May Appear for JBoss Deployments on Linux if the Linux Kernel Includes IPv6 Support (Bug 5637999)

If you are running JBoss on Linux and the Linux kernel supports IPv6, you may encounter the following exception:

```
IP_MULTICAST_IF:
```

```
java.net.SocketException: bad argument for IP_MULTICAST_IF: address not bound
to any interface at java.net.PlainDatagramSocketImpl.socketSetOption(Native
Method) at
java.net.PlainDatagramSocketImpl.setOption(PlainDatagramSocketImpl.java:295)
```

This exception is caused by versions of Sun Microsystem's JDK, up to and including JDK 5. If you do not need IPv6 support, you can avoid this exception by disabling IPv6 support in the JVM by adding `-Djava.net.preferIPv4Stack=true` to the `<XL_HOME>/bin/xlStartServer.sh java` command used to start JBoss.

3.3 Design Console Known Issues

This section describes known issues related to tasks performed using the Release 9.0.3 Design Console—it does not contain known issues related to the installation of the Design Console or its translated text. This section contains the following topics:

- [Invoking FVC Utility on WebSphere May Display "Realm/Cell is Null" Error \(Bug 5563654\)](#)
- [Form Designer Feature Does Not Support Special Characters for Column Name \(Bug 5373011\)](#)
- [Design Console's xlclient.cmd Executable Does Not Launch if Paths Include a Space \(Bug 5853425\)](#)
- [Default Tasks Not Added to Resource Object After Changing its Process Definition Type \(Bug 5637994\)](#)
- [Cannot Delete User Defined Fields When the Required and Visible Properties are Set to True \(Bug 5486223\)](#)
- [Cannot Save Multiple Rules Simultaneously \(Bug 5457386\)](#)
- [Toolbars in Creating New Task Window May Become Disabled When Multiple Creating New Task Windows are Open \(Bug 5514864\)](#)

3.3.1 Invoking FVC Utility on WebSphere May Display "Realm/Cell is Null" Error (Bug 5563654)

When attempting to use the FVC utility in WebSphere deployments, a dialog box with the error message `Realm/cell is Null` may appear. You can safely close the dialog box and ignore the error message to continue.

To avoid this issue entirely, change the properties in the `<WEBSHERE_HOME>\AppClient\properties\sas.client.props` to the following:

Note: `<WEBSHERE_HOME>` represents the location where WebSphere is installed.

Change the preceding values to the following:

- `Com.ibm.CORBA.loginSource = properties`
- `Com.ibm.CORBA.loginTimeout = 300`
- `Com.ibm.CORBA.securityEnabled = true`
- `Com.ibm.CORBA.loginUserid = xelsysadm`
- `Com.ibm.CORBA.loginPassword = xelsysadm`

3.3.2 Form Designer Feature Does Not Support Special Characters for Column Name (Bug 5373011)

The Form Designer feature in the Design Console will not save entries that contain any the following special characters in the Column Name:

`;/ % = | + , \ ' " < >`

3.3.3 Design Console's xlclient.cmd Executable Does Not Launch if Paths Include a Space (Bug 5853425)

The xlclient.cmd executable that launches the Design Console will fail if directory paths in the executable contain spaces. You will have a space in a directory path in xlclient.cmd if you installed the Design Console in a location that contains a space, for example, C:\Program Files\OIM\xlclient\java.

Also, you will have a space in a directory path in xlclient.cmd if while installing the Design Console you chose to use a JRE other than the one bundled with the Design Console and the path to that JRE includes a space, for example, C:\Program Files\Java\j2re1.4.2_12.

To avoid this issue, do not install the Design Console into a directory path that includes a space and do not specify a JRE using a directory path that includes a space. Another way to avoid this issue is to add double quotation marks (") to the paths in the xlclient.cmd executable that include spaces. For example:

Use the following approach if you install the Design Console into a directory path that includes a space:

```
"C:\Program Files\OIM\xlclient\java" \bin\java %DEBUG_OPTS% ^
-DXL.ExtendedErrorOptions=TRUE -DXL.HomeDir="C:\Program Files\OIM\xlclient" ^
-Djava.security.policy=config\xl.policy ^
-Dlog4j.configuration=config\log.properties ^
-Djava.security.manager
-Djava.security.auth.login.config=config\auth.conf ^
com.thortech.xl.client.base.tcAppWindow -server server
```

Use the following approach if you specified a JRE to use and the path to the JRE includes a space:

```
"C:\Program Files\Java\j2re1.4.2_12" \bin\java %DEBUG_OPTS% ^
-DXL.ExtendedErrorOptions=TRUE -DXL.HomeDir=C:\oracle\xlclient ^
-Djava.security.policy=config\xl.policy ^
-Dlog4j.configuration=config\log.properties ^
-Djava.security.manager
-Djava.security.auth.login.config=config\auth.conf ^
com.thortech.xl.client.base.tcAppWindow -server server
```

3.3.4 Default Tasks Not Added to Resource Object After Changing its Process Definition Type (Bug 5637994)

In the Design Console, after changing the Process Definition type for a Resource Object from Approval to Provisioning, or from Provisioning to Approval, the Resource Object is not updated with the default tasks associated with each type of Process Definition. To avoid this issue, do not change the Process Definition type after setting it initially.

3.3.5 Cannot Delete User Defined Fields When the Required and Visible Properties are Set to True (Bug 5486223)

Attempting to delete User Defined Fields in the Design Console when the **Required** and **Visible** properties are set to **true** causes an error message to appear. To avoid this issue, delete the properties first, and then delete the User Defined Column.

3.3.6 Cannot Save Multiple Rules Simultaneously (Bug 5457386)

The Rule Designer feature in the Design Console cannot save multiple rules simultaneously. To avoid this issue, save each rule individually before creating additional rules.

3.3.7 Toolbars in Creating New Task Window May Become Disabled When Multiple Creating New Task Windows are Open (Bug 5514864)

Toolbars in the **Creating New Task** window may become disabled after adding Eventhandlers or Adapters from the **Integration** tab when using the same **Create New Task** window for a second time to add a task (by clicking the **New Form** icon). To avoid this issue, be sure to close the **Creating New Task** window before creating another new task.

3.4 Reports Known Issues

This section describes known issues related to reporting functionality in Release 9.0.3. This section contains the following topics:

- [Various Filters Are Inactive During Historical Report Queries \(Bug 5355907\)](#)
- [Group Membership History Report Does Not Distinguish Between Active and Deleted Groups \(Bug 5249535\)](#)
- [Group Membership History Report May Not Display Some Sectional Header Values \(Bug 5243112\)](#)
- [Resource Access List Report Shows Data for Deleted Users \(Bug 5472481\)](#)
- [Resource Name Lookup Window on the Input Parameters Page for Some Reports May Incorrectly Displays Organization Resources \(Bug 5493332\)](#)

3.4.1 Various Filters Are Inactive During Historical Report Queries (Bug 5355907)

When using the Administrative and User Console to query Historical Reports, various filters are inactive, including filtering by user First, Middle, and Last Name; Employee Type; and Email. Using these filters will not refine the query results.

3.4.2 Group Membership History Report Does Not Distinguish Between Active and Deleted Groups (Bug 5249535)

When you run a Group Membership History report, the report results do not distinguish between active and deleted groups.

3.4.3 Group Membership History Report May Not Display Some Sectional Header Values (Bug 5243112)

When you run a Group Membership History report, the report results may not display some sectional header values for deleted groups.

3.4.4 Resource Access List Report Shows Data for Deleted Users (Bug 5472481)

The Resource Access List report may return data for deleted users.

3.4.5 Resource Name Lookup Window on the Input Parameters Page for Some Reports May Incorrectly Displays Organization Resources (Bug 5493332)

In the Administrative and User Console, clicking the **Resource Name** Lookup icon on the **Input Parameters** page for various reports will display a Lookup window. This Lookup window incorrectly displays Organization resources in addition to User resources for the following reports:

- Resource Access List
- Entitlement Summary
- Resource Access List History
- Resource Password Expiration

Ignore the Organization resources listed in the Lookup window. Running these reports for Organization resources will return no data.

3.5 Globalization Known Issues

This section describes known issues in Release 9.0.3 related only to globalization or translation. This section contains the following topics:

- [Clarifying a Design Console Installer Program Pop-Up Window for Oracle Application Server in Non-English Languages \(Bugs 5853505 and 5843609\)](#)
- [Installer Programs for Non-English Languages May Contain Some English Text \(Bug 5232751\)](#)
- [User Defined Field's Boolean Type Check Box Not Displayed in Request Submitted Page for Japanese Environments \(Bug 5374307\)](#)
- [Some Administrative and User Console Windows Display Text for Default Locale Setting after Timing Out \(Bug 5545626\)](#)
- [Note Fields on the Task Details Page For Some Tasks Include English Text in Non-English Environments \(Bug 5512136\)](#)
- [Notes in the Administrative and User Console's Task Details Page Not Localized \(Bug 5856579\)](#)
- [English Characters Required for Some Attributes](#)
- [Cannot Export Reports to CSV for Multibyte Languages on WebSphere \(Bug 5760558\)](#)
- [Some Information in Workflow Visualizer May be Displayed as Square Characters \(Bug 5704436\)](#)
- [Inconsistent Ordering of Names in Columns of Some Reports in Non-English Environments \(Bug 5557974\)](#)
- [Some Reports in Non-English Environments Require English Values for Input and Filter Parameters \(Bug 5511190\)](#)
- [Sorting Functionality in Two Administrative and User Console Screens is Based on English Values in Database \(Bug 5851249\)](#)
- [Deployment Manager Import and Export Features Includes an Untranslatable String \(Bug 5501127\)](#)
- [The Name of Reconciliation Archival Utility Log Files May Not Include Time Stamp for Some Non-English Languages \(Bug 5850607\)](#)

3.5.1 Clarifying a Design Console Installer Program Pop-Up Window for Oracle Application Server in Non-English Languages (Bugs 5853505 and 5843609)

After completing the Design Console installation for Oracle Application Server in non-English languages for Release 9.0.3, a pop-up window in the installer program may give the impression that the `ejb.jar` and `oc4jclient.jar` files are automatically copied to the appropriate Design Console directory.

You are *required to copy the following files manually*, as the installer program does not copy these files automatically:

- Copy the `<ORACLE_HOME>\j2ee\home\lib\ejb.jar` file on the Oracle Application Server system to the `<XL_DC_HOME>\xlclient\ext` directory on the Design Console system.
- Copy the `<ORACLE_HOME>\j2ee\home\oc4jclient.jar` file on the Oracle Application Server system to the `<XL_DC_HOME>\xlclient\ext` directory on the Design Console system.

Note: This required manual step is also documented in the *Oracle Identity Manager Installation Guide for Oracle Application Server*.

3.5.2 Installer Programs for Non-English Languages May Contain Some English Text (Bug 5232751)

The Release 9.0.3 installer programs for non-English languages may contain some untranslated text that appears in English.

3.5.3 User Defined Field's Boolean Type Check Box Not Displayed in Request Submitted Page for Japanese Environments (Bug 5374307)

In Japanese environments, the Design Console's **Request Submitted** page does not display the **Boolean Type** User Defined Field check box. If the User Defined Field enables the Boolean Type, the **Requested Submitted** page displays the number 1 instead of the check box. If the Boolean Type is not enabled, the Requested Submitted page displays a blank space.

3.5.4 Some Administrative and User Console Windows Display Text for Default Locale Setting after Timing Out (Bug 5545626)

In the Administrative and User Console, if the Deployment Manager's **Export** and **Import** windows or the **Workflow Visualizer** window are open and the session times out, the text in these windows may appear in the language of the default locale of the system where the Oracle Identity Manager server is installed. After closing the session timeout window and clicking any of the Administrative and User Console menu options, the **Oracle Identity Manager Logout** page appears and may also be displayed in the language of the default locale of the system where the Oracle Identity Manager server is installed.

3.5.5 Note Fields on the Task Details Page For Some Tasks Include English Text in Non-English Environments (Bug 5512136)

In the Administrative and User Console, some text in the **Notes** field on the **Task Details** page may appear in English in non-English environments. Task instances that have the following names may encounter this issue:

- Reconciliation Update Received
- Reconciliation Insert Received
- Reconciliation Delete Received

3.5.6 Notes in the Administrative and User Console's Task Details Page Not Localized (Bug 5856579)

In the Administrative and User Console's Task Details page, text in the **Notes** field appears in the language that it is entered in—the **Notes** text is not displayed according to the browser locale.

3.5.7 English Characters Required for Some Attributes

Release 9.0.3 requires that you use only English characters for the following:

- Installation paths and directory names (Bug 5397854)
- Host names (Bug 5360993)
- Email IDs (Bug 5397105)
- If used, external certificate names and certificate content (Bug 5387397)
- The Administrative and User Console requires that you use only English characters for the **Email Address** fields on the **Create/Edit User, Account Profile**, and **Self-Registration** pages. When installing the Remote Manager, you must also use only English characters for the **Service Name** on the **Configuration** page (Bug 5460100).

Refer to the *Oracle Identity Manager Globalization Guide* for complete information on the character restrictions for various components and attributes.

3.5.8 Cannot Export Reports to CSV for Multibyte Languages on WebSphere (Bug 5760558)

Due to a limitation in WebSphere, you cannot export report data to CSV format for multibyte character languages such as Japanese or Chinese.

3.5.9 Some Information in Workflow Visualizer May be Displayed as Square Characters (Bug 5704436)

In Windows environments, some information may appear as box characters in the Administrative and User Console's Workflow Visualizer due to a known limitation with Java Applets and globalized characters. The browser's JVM displays only those characters that are in the current locale of the system where Oracle Identity Manager is installed. Globalized characters appear correctly in applets only if you set the browser to the same locale of the system where Oracle Identity Manager is installed.

3.5.10 Inconsistent Ordering of Names in Columns of Some Reports in Non-English Environments (Bug 5557974)

In some reports in non-English environments, the ordering of first and last names does not depend on the browser locale of the logged in user. Table 3 lists the reports and their columns where ordering of first and last names may appear incorrectly:

Table 3 Reports and Columns That May Display Incorrect Ordering of Names

Report	Column Name
Policy List	Created By
Policy Detail	Created By
Attestation Requests By Process	Reviewer
Attestation Process List	Owner, Reviewer
User Resource Access	Manager Name
Group Membership	Group Created By
Group Membership History	Group Created By
User Membership History	Manager Name
User Resource Access History	Manager Name

3.5.11 Some Reports in Non-English Environments Require English Values for Input and Filter Parameters (Bug 551190)

In non-English environments, the following reports require that the given input and filter parameters use only English values:

- Entitlement Summary report
 - **Input parameter:** Account Status
 - **Filter parameter:** Account Status
- Group Membership History report
 - **Input Parameter:** Membership Status
 - **Filter Parameter:** Membership Status
- User Membership History report
 - **Input Parameter:** Membership Status
 - **Filter Parameter:** Membership Status

For example, searching on Account Status in the Entitlement Summary report in non-English environments and using a translated version of the status *Active* will return nothing. You must use the English value *Active*.

3.5.12 Sorting Functionality in Two Administrative and User Console Screens is Based on English Values in Database (Bug 5851249)

In the Administrative and User Console, the sorting functionality on the Group Detail >> Menu Items and Group Detail >> Menu Items >> Assign Menu Items pages sorts values based on the English values in the database and not the translated values on the screen.

3.5.13 Deployment Manager Import and Export Features Includes an Untranslatable String (Bug 5501127)

The Administrative and User Console's Deployment Manager import and export features use the Java AWT file dialog that shows the string `All Files (*.*)` in the dialog filter. The `All Files (*.*)` string is not translated for any locale and remains in English. This limitation is caused by the Java implementation and the string cannot be translated. Refer to the Sun Microsystems bug report for Bug ID 4152317 at the following url for more information:

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4152317

3.5.14 The Name of Reconciliation Archival Utility Log Files May Not Include Time Stamp for Some Non-English Languages (Bug 5850607)

After a successful archive with the Reconciliation Archival utility, the name of its log files for some non-English environments may not include the time stamp. For example, you may see a log file that looks something like `Arch_Recon____15_56.log` instead of `Arch_Recon_Wed_31_2007_03_31.log`.

4 Resolved Issues

Release 9.0.3 resolves the known issues from previous releases listed in [Table 4](#):

Table 4 Issues Resolved by Release 9.0.3

Bug #	Description
5609444	Check-box options on the Step 2: Select Resources page of the Administrative and User Console were sometimes automatically selected.
5526331	Could not import files using the Administrative and User Console's Deployment Manager feature after clicking Add on the New Groups menu.
5466097	The following exception appeared in some WebSphere configurations when auditing User Profile data: <code>java.sql.SQLException: ORA-01461: can bind a LONG value only for insert into a LONG column</code>
5520230	In the Design Console, the Form Description label for User Defined Forms and the IT Resource Name in the Lookup Field were not translated through the Resource Bundle mechanism for non-English environments
5593553	Benign warning message related to changing permission for the <code>del_xl_dir.sh</code> script appeared when installing Oracle Identity Manager from the distribution media (CD-ROM) in to a UNIX or Linux environment.
5651385	Oracle Identity Manager installer program could not resolve host name of the machine running the WebSphere Deployment Manager (NDM-HOST) during installation.
5711021	Using the Enable or Disable buttons on the Resource Provisioning Details page in the Administrative and User Console caused the task to execute twice.
5638110	Proxies to users started immediately after being assigned, despite specified start date.
5594856	Group Names sometimes appeared multiple times in the Administrative and User Console's Organization Detail>>Administrative Groups>>Assign page.

Table 4 (Cont.) Issues Resolved by Release 9.0.3

Bug #	Description
5594414	The Administrative and User Console allowed you to modify the name of an Organization or User Group and save the changes without being prompted regardless if the new name was identical and a duplicate of an existing Organization or User Group.
5572115	Could not log in to the Administrative and User Console after exceeding the maximum number of log in attempts, changing the existing password after clicking Forgot Password , and then attempting to log in with the new password.
5572014	Design Console's Reconciliation Manager form allowed users to be created without a first name.
5532345	The Oracle Identity Manager installer program failed when installing on WebLogic application servers if a directory named weblogic81 was not in the <BEA_HOME> directory, where <BEA_HOME> represents the directory where WebLogic was installed.
5455223	The Illegal Script tag or Characters error message appeared in the Administrative and User Console when attempting to Provision New Resources and multiple Administrative and User Console browsers that have different language settings are open.
5747625	User Profile Audit engine did not process offline messages.

5 API Changes

Refer to the *Oracle Identity Manager API Usage Guide* for information on new or modified APIs in Release 9.0.3.

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