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Preface

Oracle Identity Manager Connector Guide for Siebel provides information about integrating Oracle Identity Manager with Siebel.

> **Note:** This is a transitional release following Oracle's acquisition of Thor Technologies. Some parts of the product and documentation still refer to the original Thor company name and Xellerate product name and will be rebranded in future releases.

Audience

This guide is intended for users who want to deploy the Oracle Identity Manager connector for Siebel.

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For more information, refer to the following documents in the Oracle Identity Manager documentation set:

- *Oracle Identity Manager Release Notes*
- *Oracle Identity Manager Installation and Upgrade Guide for JBoss*
- *Oracle Identity Manager Installation and Upgrade Guide for WebLogic*
- *Oracle Identity Manager Installation and Upgrade Guide for WebSphere*
- *Oracle Identity Manager Administrative and User Console Guide*
- *Oracle Identity Manager Administrative and User Console Customization Guide*
- *Oracle Identity Manager Design Console Guide*
- *Oracle Identity Manager Tools Reference Guide*
- *Oracle Identity Manager Audit Report Developer Guide*
- *Oracle Identity Manager Best Practices Guide*
- *Oracle Identity Manager Connector Framework Guide*
- Connector guides for various third-party applications

Documentation Updates

Oracle is committed to delivering the best and most recent information available. For information about updates to the Oracle Identity Manager 9.0.1 connector documentation set, visit Oracle Technology Network at

`http://www.oracle.com/technology/documentation/index.html`

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.
italic	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.

1

About the Connector

Oracle Identity Manager automates access rights management, security, and provisioning of IT resources. Oracle Identity Manager connectors are used to integrate Oracle Identity Manager with third-party applications. The connector for Siebel is used to integrate Oracle Identity Manager with Siebel.

Note: Oracle Identity Manager connectors were referred to as *resource adapters* prior to the acquisition of Thor Technologies by Oracle.

This chapter contains the following sections:

- Supported Functionality
- Reconciliation Module
- Provisioning Module
- Files and Directories That Comprise the Connector

Supported Functionality

The following table lists the functions that are available with this connector.

Function	Type	Description
Create User	Provisioning	Creates a user
Delete User	Provisioning	Deletes a user
Add Position to User	Provisioning	Adds a position to a user
Add User Responsibility	Provisioning	Adds a responsibility to a user
Delete User Position	Provisioning	Deletes the position of a user
Delete User Responsibility	Provisioning	Deletes the responsibility of a user
Time Zone Updated	Provisioning	Updates the time zone of a user
Email Updated	Provisioning	Updates the e-mail address of a user
Alias Updated	Provisioning	Updates the alias of a user
MI Updated	Provisioning	Updates the middle name of a user
Work Phone Updated	Provisioning	Updates the work phone number of a user
First Name Updated	Provisioning	Updates the first name of a user

Function	Type	Description
Last Name Updated	Provisioning	Updates the last name of a user
Title Updated	Provisioning	Updates the title of a user
Home Phone Updated	Provisioning	Updates the home phone number of a user
Fax Updated	Provisioning	Updates the fax number of a user
Preferred Communications Updated	Provisioning	Updates the preferred communications setting of a user
Extension Updated	Provisioning	Updates the extension number of a user
Employee Type Updated	Provisioning	Updates the employee type of a user
Job Title Updated	Provisioning	Updates the job title of a user
Reconciliation Delete Received	Reconciliation	Deletes the user from Oracle Identity Manager if the user has been deleted from the target system
Reconciliation Insert Received	Reconciliation	Inserts a user in Oracle Identity Manager
Reconciliation Update Received	Reconciliation	Updates a user in Oracle Identity Manager

Reconciliation Module

This section discusses the elements that the reconciliation module extracts from the target system to construct reconciliation event records.

Reconciliation can be divided into the following types:

- Lookup Fields Reconciliation
- User Reconciliation

Lookup Fields Reconciliation

Lookup fields reconciliation involves reconciling the following lookup fields:

- `Lookup.Siebel.TimeZone`
- `Lookup.Siebel.PreferredCommunications`
- `Lookup.Siebel.Position`
- `Lookup.Siebel.EmployeeTypeCode`
- `Lookup.Siebel.Responsibility`
- `Lookup.Siebel.PersonalTitle`

User Reconciliation

User reconciliation involves reconciling the fields discussed in this section.

Reconciled Resource Object Fields

The following fields are reconciled:

- UserID
- First Name

- Last Name
- Middle Name
- Alias
- JobTitle
- EmployeeType
- PersonalTitle
- E-mail
- Fax
- Phone
- Time Zone
- Position
- Responsibility
- Preferred Communications
- IT Resource Type

Reconciled Xellerate User Fields

The following fields are reconciled only if reconciliation is implemented in trusted mode:

- UserID
- Password
- Organization
- FirstName
- LastName
- Xellerate Type
- Xellerate
- Role

Provisioning Module

The following fields of Siebel are provisioned:

- UserID
- First Name
- Last Name
- Middle Name
- Alias
- Job Title
- EmployeeType
- PersonalTitle
- E-mail

- Fax
- Phone
- Time Zone
- Position
- Responsibility
- Preferred Communications
- IT Resource Type

Files and Directories That Comprise the Connector

The files and directories that comprise this connector are compressed in the following ZIP file on the installation media:

`Enterprise Applications\Siebel Enterprise Applications\Siebel User Management Rev 1.0.0.zip`

These files and directories are listed in the following table.

File in the Installation Media Directory	Description
`xml\SiebelEmpResourceObject.xml`	This file contains the following components of the connector: ■ IT resource type ■ Custom process form ■ Process task and rule-generator adapters (along with their mappings) ■ Resource object ■ Pre-populate rules
`xml\SiebelEmpXLResourceObject.xml`	This file contains the configuration for the Xellerate User. You must import this file only if you plan to use the connector in trusted source reconciliation mode.
`lib\xlSiebel.jar`	This JAR file contains connector code that is used to interact with the target system for provisioning and reconciliation.

For Siebel 7.5, the `lib\Siebel7.5.zip` file contains the following files:
`SiebelJI.jar`
`SiebelJI_Common.jar`
`SiebelJI_enu.jar`
 	
For Siebel 7.8, the `lib\Seibel7.8.zip` file contains the following files:
`Siebel.jar`
`SiebelJI_enu.jar`
	These files contain the class files required for provisioning and reconciliation. The files to be used while deploying the connector depend on the version of Siebel that you use.

`Troubleshoot\log.properties`	This file contains the settings required to create a log file for output generated by the troubleshooting utility.

File in the Installation Media Directory	Description
`Troubleshoot\troubleShoot.properties`	This file contains the connection details that are required to connect to the target system. It also contains details about the commands to be run.
`Troubleshoot\TroubleShootingUtility.class`	This is the standalone class that interacts with the target system. This class contains the code for running the troubleshooting test cases.
`docs\B31138_01.pdf` `docs\html`	These are PDF and HTML versions of this guide, which provides instructions to deploy the connector.

The "Step 2: Copying the Connector Files and External Code" section on page 2-1 provides instructions to copy these files into the required directories.

2

Deploying the Connector

Deploying the connector involves the following steps:

- Step 1: Verifying Deployment Requirements
- Step 2: Copying the Connector Files and External Code
- Step 3: Importing the Connector XML Files
- Step 4: Configuring Reconciliation
- Step 5: Compiling Adapters
- Step 6: Configuring the Target System for Encryption

This chapter also discusses the following topic:

- Activating and Deactivating Employee Accounts

Step 1: Verifying Deployment Requirements

The following table lists the deployment requirements for the connector.

Item	Requirement
Oracle Identity Manager	Oracle Identity Manager release 8.5.3 or later
Target systems	Siebel 7.5 or Siebel 7.8
Target system host platforms	Microsoft Windows 2000 or Microsoft Windows 2003

External code	For Siebel 7.5:
	`SiebelJI.jar`, `SiebelJI_Common.jar`, and `SiebelJI_enu.jar`
	For Siebel 7.8:
	`Siebel.jar` and `SiebelJI_enu.jar`

Step 2: Copying the Connector Files and External Code

The connector files and external code files to be copied and the directories to which you must copy them are given in the following table.

Note: The directory paths given in the first column of this table correspond to the location of the connector files in the following ZIP file on the installation media:

`Enterprise Applications\Siebel Enterprise Applications\Siebel User Management Rev 1.0.0.zip`

Refer to "Files and Directories That Comprise the Connector" on page 1-4 for more information about these files.

File in the Installation Media Directory	Destination Directory

The following files in the `xml` directory:
`SiebelEmpResourceObject.xml`
`SiebelEmpXLResourceObject.xml`
	xellerate_home`\xellerate\Siebel1.0.0\xml`

`lib\xlSiebel.jar`	*xellerate_home*`\xellerate\JavaTasks`

If you are using Siebel 7.5, then extract the following files from the `lib\Siebel7.5.zip` file:
`SiebelJI.jar`
`SiebelJI_Common.jar`
`SiebelJI_enu.jar`
 	
If you are using Siebel 7.8, then extract the following files from the `lib\Siebel7.8.zip` file:
`Siebel.jar`
`SiebelJI_enu.jar`
	xellerate_home`\xellerate\JavaTasks`

The following files in the `Troubleshoot` directory:
`log.properties`
`troubleShoot.properties`
`TroubleShootingUtility.class`
	xellerate_home`\xellerate\Siebel1.0.0\Troubleshoot`

The following contents of the `docs` directory:
`B31138_01.pdf`
`html`
	xellerate_home`\xellerate\Siebel1.0.0\docs`

Step 3: Importing the Connector XML Files

To import the connector XML files into Oracle Identity Manager:

1. Open the Oracle Identity Manager Administrative and User Console.
2. Click the **Deployment Management** link on the left navigation bar.
3. Click the **Import** link under Deployment Management. A dialog box for locating files is displayed.
4. Locate and open the `SiebelEmpResourceObject.xml` file, which is in the *xellerate_home*`\XELLERATE\SIEBEL1.0.0\xml` directory. Details of this XML file are shown on the File Preview page.
5. Click **Add File.** The Substitutions page is displayed.

6. Click **Next**. The Confirmation page is displayed.
7. Click **Next.** The Provide IT Resource Instance Data page for the `SIEBEL IT Resource` IT resource is displayed.
8. Specify values for the parameters of the `SIEBEL IT Resource` IT resource. Refer to the table in the "Defining IT Resources" section on page 2-3 for information about the values to be specified.
9. Click **Next.** The Provide IT Resource Instance Data page for a new instance of the `SIEBEL IT Resource Definition` IT resource type is displayed.
10. Click **Skip** to specify that you do not want to define another IT resource. The Confirmation page is displayed.

    See Also: If you want to define another IT resource, then refer to *Oracle Identity Manager Tools Reference Guide* for instructions.

11. Click **View Selections**.

    The contents of the XML file are displayed on the Import page. You may see a cross-shaped icon along with some nodes. You must remove these nodes. To do this, right-click each such node and then select **Remove.**
12. Click **Import**. The connector XML file is imported into Oracle Identity Manager.
13. If you plan to use the connector in trusted source reconciliation mode, then perform the same procedure to import the `SiebelEmpXLResourceObject.xml` file. This file is in the *`xellerate_home`*`\XELLERATE\SIEBEL1.0.0\xml` directory.

    Caution: Only one connector can be configured as a trusted source. If you import the `SiebelEmpXLResourceObject.xml` file while you have another trusted source configured, then both connector reconciliations would stop working.

After you import the connector XML file, proceed to the "Step 4: Configuring Reconciliation" section on page 2-4.

Defining IT Resources

You must specify values for the `SIEBEL IT Resource` IT resource parameters listed in the following table.

Parameter Name	Description	Sample/Default Value
`EnterpriseServer`	Name of the Enterprise server	`siebel`
`GatewayServer`	Name of the Gateway server	`STS_TESTING`
`GatewayServerPort`	Port of the Gateway server	`2320`
`Language`	Language	`enu`
`ObjectManager`	Name of the object manager	`SCCObjMgr_enu`
`Password`	Password of the Siebel administrator	`sadmin`
`SiebelServer`	Name of the Siebel server	`STS_TESTING`
`UserName`	User name of the Siebel administrator	`sadmin`

Parameter Name	Description	Sample/Default Value
Encryption	Type of encryption for secure communication **Note:** The value of this parameter is case-sensitive.	RSA (if encryption is required) or None (if encryption is not required)
Version	Version of Siebel supported by this connector	7.5 or 7.8
TimeStamp	The value is empty for the first-time reconciliation. From then onward, this parameter stores the time at which the last reconciliation run was completed.	Apr 16, 2006 at 11:35:00 GMT+05:30

After you specify values for these IT resource parameters, go to Step 9 of the procedure to import connector XML files.

Step 4: Configuring Reconciliation

Configuring reconciliation involves creating scheduled tasks for lookup fields and user reconciliations. To create these scheduled tasks:

1. Open the Oracle Identity Manager Design Console.
2. Expand the **Xellerate Administration** folder.
3. Select **Task Scheduler.**
4. Click **Find**. The details of the predefined scheduled tasks are displayed on two different tabs.
5. Enter a number in the **Max Retries** field. This number represents the number of times Oracle Identity Manager should attempt to complete the task before assigning the ERROR status to the task.
6. Ensure that the **Disabled** and **Stop Execution** check boxes are cleared.
7. In the Start region, double-click the **Start Time** field. From the date-time editor that is displayed, select the date and time at which you want the task to run.
8. In the Interval region, set the following schedule parameters:
   - To set the task to run on a recurring basis, select the **Daily**, **Weekly**, **Recurring Intervals**, **Monthly**, or **Yearly** option.

     If you select the **Recurring Intervals** option, then you must also specify the time interval at which you want the task to run on a recurring basis.
   - To set the task to run only once, select the **Once** option.
9. Provide values for the attributes of the scheduled task. Refer to the appropriate table in the "Specifying Values for the Scheduled Task Attributes"section on page 2-5 for information about the values to be specified.

   See Also: *Oracle Identity Manager Design Console Guide* for information about adding and removing task attributes

10. Click **Save**. The scheduled task is created. The INACTIVE status is displayed in the **Status** field, because the task is not currently running. The task is run at the date and time that you set in Step 7.
11. Repeat Steps 5 through 10 to create the second scheduled task.

After you create both scheduled tasks, proceed to the "Step 5: Compiling Adapters" section on page 2-6.

Specifying Values for the Scheduled Task Attributes

This section provides information about the attribute values to be specified for the following scheduled tasks:

- Lookup Fields Reconciliation Scheduled Task
- User Reconciliation Scheduled Task

Lookup Fields Reconciliation Scheduled Task

You must specify values for the following attributes of the lookup fields reconciliation scheduled task.

Note: Attribute values are predefined in the connector XML file that you import. Specify values only for those attributes that you want to change.

Attribute Name	Description	Default/Sample Value
ITResource	Name of the IT resource	SIEBEL IT Resource

After you specify values for these scheduled task attributes, go to Step 10 of the procedure to create scheduled tasks.

User Reconciliation Scheduled Task

You must specify values for the following attributes of the user reconciliation scheduled task.

Note: Attribute values are predefined in the connector XML file that you import. Specify values only for those attributes that you want to change.

Attribute Name	Description	Default/Sample Value
Organization	Oracle Identity Manager users	OIM Users
Xellerate Type	Type of Oracle Identity Manager user	End user Administrator
Role	Default role	Consultant
ITResource	Name of the IT resource	SIEBEL IT Resource
ResourceObject	Resource object name	SIEBEL Resource Object

Attribute Name	Description	Default/Sample Value
isTrusted	Specifies whether or not trusted source reconciliation must be performed This parameter is set to true for trusted source reconciliation. It is set to false for target resource reconciliation.	False (Nontrusted reconciliation) True (Trusted reconciliation)
Password	Password of the Oracle Identity Manager user	Dummy123
isDeleteRecon	Specifies whether or not delete users reconciliation must be performed If this parameter is set to true, then the users that are deleted from the target system are deleted from Oracle Identity Manager. If this parameter is set to false, then the users that are deleted from the target system are not deleted from Oracle Identity Manager. Note: This parameter is provided only for optimization, because Siebel does not maintain the records of deleted users.	True or False

After you specify values for these scheduled task attributes, go to Step 10 of the procedure to create scheduled tasks.

Step 5: Compiling Adapters

The following adapters are imported into Oracle Identity Manager when you import the connector XML file. You must compile these adapters before you can use them to provision accounts on the target system.

- PrePopulate SIEBEL Form
- Siebel Delete User
- Siebel Modify User
- Siebel Add Position
- Siebel Create User
- Siebel Remove Position
- Siebel Add Responsibility
- Siebel Remove Responsibility

To compile adapters by using the Adapter Manager form:

1. Open the Adapter Manager form.
2. To compile all the adapters that you import into the current database, select the **Compile All** option.

   To compile multiple (but not all) adapters, select the adapters you want to compile. Then, select the **Compile Selected** option.
3. Click **Start.** Oracle Identity Manager compiles the adapters that you specify.

To view detailed information about an adapter:

1. Highlight the adapter in the Adapter Manager form.
2. Double-click the row header of the adapter, or right-click the adapter.
3. Select **Launch Adapter** from the shortcut menu that is displayed. Details of the adapter are displayed.

Note: To compile multiple adapters simultaneously, use the Adapter Manager form. To compile one adapter at a time, use the Adapter Factory form. Refer to *Oracle Identity Manager Tools Reference Guide* for information about how to use these forms.

Step 6: Configuring the Target System for Encryption

Note: Perform this procedure only if you want to use RSA encryption on the target system. If you set the value of the `Encryption` IT resource parameter to `None`, then this step is not required.

You can configure encryption to secure communication between the Siebel server and Oracle Identity Manager.

Configuring Siebel for RSA Encryption

This section describes how to configure Siebel to use RSA encryption for Siebel Internet Session API (SISNAPI) communication between the Siebel server and Oracle Identity Manager.

To enable RSA encryption for Siebel:

1. Start the Siebel Software Configuration Wizard.

   This wizard is started automatically when you install Siebel. You can also open it manually.

   See Also: The "Starting the Siebel Software Configuration Wizard" section on page 2-8 for information about starting the wizard manually.

2. On the Encryption Type page of the wizard, select one of the following encryption settings:
   - **RSA:** Select this option if you want to use the RSA Security Systems 128-bit strong encryption feature for Siebel components.
   - **None:** Select this option if you do not want to use encryption.
3. Review the settings, and exit the wizard.
4. Restart the server.

Configuring the Siebel Web Server Extension for RSA Encryption

After you configure Siebel for RSA encryption, perform the same procedure to configure the Siebel Web Server Extension for RSA encryption.

Enabling RSA Encryption for the Siebel Call Center Application

To enable RSA encryption for the Siebel Call Center Application:

1. Start the Siebel Call Center Application.
2. Navigate to **Sitemap, Server Administration, Components,** and **Component Parameters.**
3. Query for **Call Center Object Manager (ENU)** in the Components List Applet.
4. In the Component Parameter List applet, select the **Encryption Type** parameter and select `RSA`. If RSA encryption is not required, then select `None` instead of `RSA`.

Starting the Siebel Software Configuration Wizard

This section provides information about starting the Siebel Software Configuration Wizard.

The Siebel Software Configuration Wizard opens automatically after the installation of most server components. If required, you can use one of the following methods to manually start the wizard on a Microsoft Windows computer:

- From the Microsoft Windows desktop:
  1. Click **Start.**
  2. Select **Programs, Siebel Servers 7.0,** and **Configure *Server_Type***, where ***Server_Type*** is the server you want to configure. For example, ***Server_Type*** can be Siebel Gateway.
- From a command window:
  1. Open a command window and navigate to the `bin` subdirectory component to configure components in the `SIEBEL_ROOT` directory. For example, `D:\\sea700\siebsrvr\bin.`
  2. Depending on the component that you want to configure, enter one of the following commands:
     - To configure the Siebel Database Server, enter the following command:

       ```
       ssincfgw -l LANGUAGE -v y
       ```

     - To configure any component except the Siebel Database Server, enter the following command:

       ```
       ssincfgw -l LANGUAGE
       ```

     In these commands, *`LANGUAGE`* is the language in which the Siebel Software Configuration Wizard must run. For example, `ENU` for U.S. English or `DEU` for German. When you run any one of these commands, a menu of configuration modules for each installed component is displayed.

Activating and Deactivating Employee Accounts

Note: This is not part of the deployment procedure.

To activate an employee account in Siebel, assign any responsibility from Oracle Identity Manager.

To deactivate an employee account in Siebel, delete all the responsibilities of the employee from Oracle Identity Manager.

3

Testing the Connector

After you deploy the connector, you must test it to ensure that it functions as expected.

This chapter contains the following sections:

- Running Test Cases
- Troubleshooting

Running Test Cases

This section discusses test cases that you can implement by using the troubleshooting utility.

You can use the troubleshooting utility to directly use the connector for identifying the cause of problems associated with connecting to the target system server and performing basic operations on the target system.

Before you use the troubleshooting utility, you must set the required values in the `troubleShoot.properties` file. This file is in the *`xellerate_home`*`\xellerate\Siebel1.0.0\Troubleshoot` directory. The following table describes the sections of this file.

Section Name	Information
Siebel Connection Parameters	Connection parameters required to connect to the target system
Create User	Values requited to create a user on the target system
Modify User	Values required to modify a user
Delete User	User ID of the user to be deleted
Reconciliation	Date from which modified data is to be reconciled The To Date value is taken as the current date and time.

Depending on the version of Siebel that you are using, set the classpath to the JAR files listed in the "Step 2: Copying the Connector Files and External Code" section on page 2-1.

Then, perform the following tests:

- Create a user as follows:

```
java
-DTproperties=xellerate_home/xellerate/Siebel1.0.0/Troubleshoot/troubleShoot.pr
operties-Dlog4j.configuration=file:/xellerate_home/xellerate/Siebel1.0.0/Troubl
eshoot/log.properties TroubleShootingUtility C
```

- Modify a user as follows:

```
java
-DTproperties=xellerate_home/xellerate/Siebel1.0.0/Troubleshoot/troubleShoot.pr
operties-Dlog4j.configuration=file:/xellerate_home/xellerate/Siebel1.0.0/Troubl
eshoot/log.properties TroubleShootingUtility M
```

- Delete a user as follows:

```
java
-DTproperties=xellerate_home/xellerate/Siebel1.0.0/Troubleshoot/troubleShoot.pr
operties-Dlog4j.configuration=file:/xellerate_home/xellerate/Siebel1.0.0/Troubl
eshoot/log.properties TroubleShootingUtility D
```

- Reconcile data as follows:

```
java TroubleShootingUtilityLdap -java -DTproperties=
xellerate_home/xellerate/Siebel1.0.0/Troubleshoot/troubleShoot.properties
-Dlog4j.configuration=file:/xellerate_home/xellerate/Siebel1.0.0/Troubleshoot/l
og.properties TroubleShootingUtility R
```

Note: Ensure that the location of the `troubleShoot.properties` and `log.properties` files is correctly specified.

Troubleshooting

The following sections list solutions to some commonly encountered errors of the following types:

- Connection Errors
- Create User Errors
- Delete User Errors
- Edit User Errors

Connection Errors

The following table lists the solution to a commonly encountered connection error.

Problem Description	Solution
Oracle Identity Manager cannot establish a connection to Siebel. **Returned Error Message:** SIEBEL Connection exception	■ Ensure that the Siebel server is running. ■ Ensure that Oracle Identity Manager is working (that is, the database is running). ■ Ensure that all the adapters have been compiled. ■ Examine the Oracle Identity Manager record (from the IT Resources form). Ensure that values for all the IT resource parameters have been correctly specified.

Create User Errors

The following table lists the solution to a commonly encountered Create User error.

Problem Description	Solution
Oracle Identity Manager cannot create a user. **Returned Error Message:** User already exists **Returned Error Code:** SIEBEL.EMPLOYEE_ALREADY_EXIST	A user with the assigned ID already exists in Siebel.

Delete User Errors

The following table lists the solution to a commonly encountered Delete User error.

Problem Description	Solution
Oracle Identity Manager cannot delete a user. **Returned Error Message:** User does not exist in target system **Returned Error Code:** SIEBEL.EMPLOYEE_DOES_NOT_EXIST	The specified user ID does not exist in Siebel.

Edit User Errors

The following table lists the solution to a commonly encountered Edit User error.

Problem Description	Solution
Oracle Identity Manager cannot update a user. **Returned Error Message:** User does not exist in target system **Returned Error Code:** SIEBEL.EMPLOYEE_DOES_NOT_EXIST	Review the log for more details.

4

Known Issues

The following are known issues associated with this release of the connector:

- During provisioning, the Set/Reset Password function cannot be run because there is no JDB_API support.
- During provisioning, the primary position assigned for the user in Siebel cannot be removed through Oracle Identity Manager.
- During reconciliation, an employee's password cannot be fetched because there is no JDB_API support.
- During reconciliation, the value of the `(GMT+13:00) Nuku'alofa` time zone cannot be inserted into the database.
- The Lock/Unlock and Disable/Enable functions cannot be run because Siebel does not support these functions.

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