

Connecting Oracle Primavera® P6 with Oracle Identity Manager

1 Introduction

This document assists administrators in configuring *Oracle Identity Manager* (OIM) for use with *Oracle Primavera P6 Enterprise Portfolio Project Management* (EPPM). OIM is an enterprise identity management system that centrally administers user accounts and access privileges. It manages the entire user identity lifecycle to help your organization meet changing business and regulatory requirements and provides essential auditing, reporting, and compliance functionality.

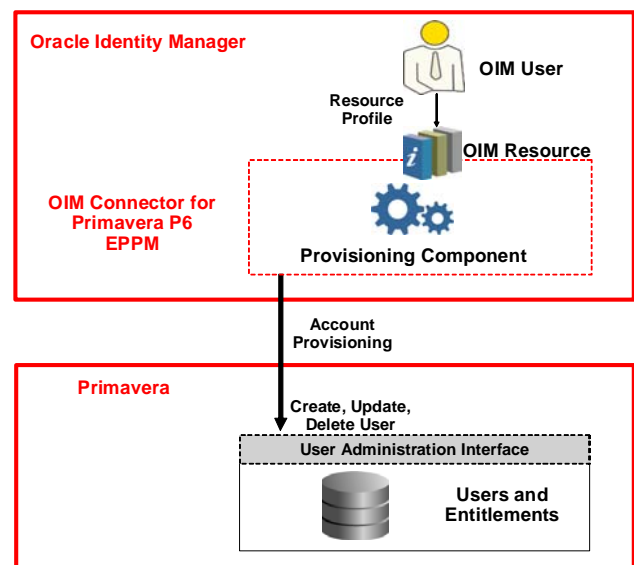
2 Overview

The OIM connector includes a resource directory with all user attributes and two files—a JAR file to communicate with Primavera P6 EPPM and a dynamically generated XML file representing P6 users and their properties.

As an administrator, take advantage of the OIM connector to provision Primavera P6 EPPM users. With the help of *P6 Web Services*, the OIM connector helps you administer the complete user identity life cycles of P6 users. As a primary example, when you create a new user in OIM, it will also create a new user with the same user login name, password, email address, and personal name in the P6 EPPM database.

The core attributes and operations supported by the connector are listed below.

Primavera P6 and OIM Architecture



2.1 Attributes

The following user attributes are managed:

- Login Name
- Password
- E-mail Address
- Personal Name

2.2 Operations

The following operations are supported:

- **Create User:** Add a new user in P6 via OIM.
- **Modify User:** Modify an attribute, for example, an e-mail address or personal name in P6 via OIM.
- **Delete User:** Remove a user in P6 via OIM.

3 Installation and Configuration

Follow the steps below to begin using OIM with P6.

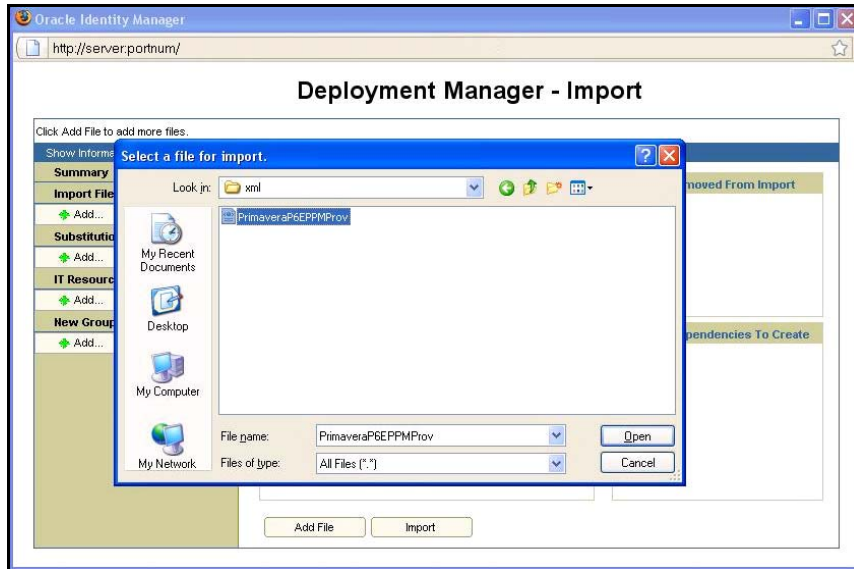
1. Install *Oracle Identity Manager (OIM)*. Refer to the following URL for documentation based on your operating system and application server: http://download.oracle.com/docs/cd/E14049_01/index.htm
2. Install *P6* and *P6 Web Services*. Check that you have *OIM*, *P6*, and *P6 Web Services* up and running before moving on to the next step. P6 Web Services must be configured to run in cookie-based authentication mode.
3. Download the *Oracle Identity Manager Connector for Primavera P6*. Extract the ZIP archive. Then, manually copy the following files into the following directories:

| Copy this file... | ...to this directory: |
|---|-----------------------------------|
| All Primavera-P6-EPPM.properties files These include: Primavera-P6-EPPM.properties Primavera-P6-EPPM_de.properties Primavera-P6-EPPM_en.properties Primavera-P6-EPPM_en_US.properties Primavera-P6-EPPM_es_MX.properties Primavera-P6-EPPM_fr.properties Primavera-P6-EPPM_ja.properties Primavera-P6-EPPM_ru.properties Primavera-P6-EPPM_zh_CN.properties Primavera-P6-EPPM_zh_TW.properties | \oim\xellerate\connectorResources |
| primavera-p6eppm-prov.jar | \oim\xellerate\JavaTasks |
| p6ws-jaxws-client.jar <i>(Not included in the OIM Connector ZIP archive; this is the P6 Web Services client JAR file.)</i> | \oim\xellerate\ThirdParty |

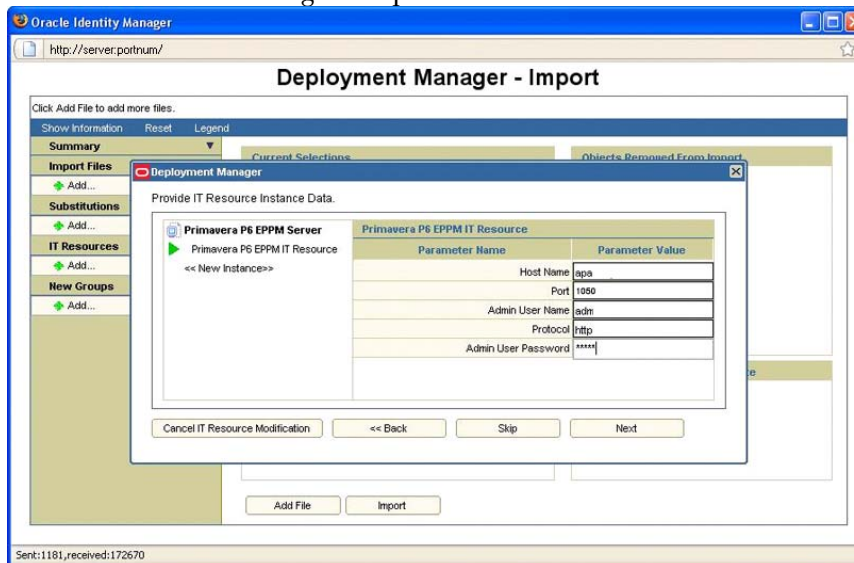
4. Save **PrimaveraP6EPPMProv.xml** to a local volume.
5. (Only if applicable; otherwise, skip this step.) If using a WebLogic application server and the default settings are unsuccessful after first skipping this step, add **%XLHOME%\ThirdParty\p6ws-jaxws-client.jar** as part of the **EXT_POST_CLASSPATH** in the **xlStartWLS.cmd** file located in WebLogic's **bin** directory.
6. Launch a web browser and open the *OIM Administrative and User Console*. This GUI console provides self-service and administration features for common provisioning tasks.
7. Under the **Deployment Management** menu, choose **Import**.



8. Browse to the location of the **PrimaveraP6EPPMProv.xml** file. This is the same file you saved in step 4.



9. Enter P6 Web Services configuration parameters.



10. Click **Manage** under **Resource Management**. Verify the imported Primavera resource information is correct.

