



PRIMAVERA

**Displaying P6 EPPM Metrics in Oracle Enterprise Manager  
Release 8.0**

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## P6 EPPM and Enterprise Manager

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P6 enables Enterprise Manager to display certain P6 EPPM metrics. To allow Enterprise Manager to display these metrics, you must deploy a P6 EPPM-specific plugin, called **p6-emplugin.jar** inside Enterprise Manager.

## Supported Versions of Enterprise Manager

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The P6 EPPM plugin for Enterprise Manager Grid Control supports Enterprise Manager version 11g (11.1.0.1.0).

## P6 EPPM Metrics Collected for Enterprise Manager

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Metrics are collected in P6 R8 for display in Enterprise Manager Grid Control. P6 currently collects P6 EPPM login and session count information. This information is useful for helping an administrator to track module usage.

The following P6 EPPM metric data can be displayed in columns of the Enterprise Manager Grid Control:

### Historical count

This is the total historic count of unique P6 EPPM users that have ever logged in to the system. This count will never exceed the total number of users in the user dictionary.

### Session counts

These values refer to the number of P6 EPPM sessions currently logged in, based on module access permissions. For example, if a user logs in and has been assigned module access to both Resources and Projects, both the Projects session count and the Resources session count will increment by one. The collected session counts are:

- ▶ API
- ▶ Number of Logged-in Users
- ▶ Portfolios
- ▶ P6 Professional
- ▶ Projects

- ▶ Resources
- ▶ Team Member
- ▶ Progress Reporter
- ▶ Web Services
- ▶ Total Sessions

## Installing the P6 EPPM plugin into Enterprise Manager

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Follow the instructions below to install the P6 EPPM plugin into Enterprise Manager. The instructions assume that you have already installed Enterprise Manager 11g (11.1.0.1.0).

### Verifying Preferred Credentials for the Enterprise Manager Agent

To verify preferred credentials for the Enterprise Manager Agent:

- 1) Go to **Preferences, Preferred Credentials**.
- 2) Find the **Agent** target and click **Set Credentials**.
- 3) In **Target Credentials**, enter the **Host Username** and **Password** of the Enterprise Manager box so the agent knows how to login.

#### Tips

If you are running Enterprise Manager on Microsoft Windows, the Target Credentials must be for a Windows user that has *log on as a batch job* policy enabled.

### Importing and Deploying the P6 EPPM Plugin

To import and deploy the P6 EPPM plugin:

- 1) Login to Enterprise Manager.
- 2) Go to **Setup**, and click **Management Plugins**.
- 3) Click **Import**, browse to the p6-emplugin.jar file and select it, then click **List Archive**.
- 4) Select the plugin by clicking the option, and click **OK**.
- 5) Deploy the plugin by selecting it and clicking the **Deploy** icon.
- 6) On the **Select Targets** page, add an agent by clicking **Add Agents**.
- 7) In the dialog box, click **Go** to find agents, select any agent option, then click **Select**.
- 8) Click **Next**, then click **Finish**.
- 9) Wait until deployment completes and brings you back to the Management Plug-ins page. It should show your plugin as deployed.



## Adding P6 EPPM Target Metrics to Enterprise Manager

Follow the instructions below to add P6 EPPM Target Metrics to Enterprise Manager.

### Setting the JVM for P6

To enable P6 EPPM to publish target metrics, you must first set the JVM for P6 to allow remote JMX connections. To set the JVM:

- 1) In WebLogic, edit the **startWebLogic.cmd** file located in the **bin** folder.
- 2) Immediately before the line "if "%PRODUCTION\_MODE%"=="true"..." add a line similar to the following (as all one line):

```
set JAVA_OPTIONS=%JAVA_OPTIONS% -Dcom.sun.management.jmxremote
-Dcom.sun.management.jmxremote.port=portnumber
-Dcom.sun.management.jmxremote.ssl=false
-Dcom.sun.management.jmxremote.authenticate=false
```

Where *portnumber* is the JMX/RMI port through which P6 will publish the metrics (for example, port 9999).

### Adding P6 EPPM Metrics to the Enterprise Manager Display

The instructions below assume that you have already imported and deployed the P6 EPPM plugin for Enterprise Manager.

To add P6 EPPM metrics to the Enterprise Manager display:

- 1) Log into Enterprise Manager.
- 2) Click **Setup**, then click the **Agents** link at the top of the screen.
- 3) Click the agent link.
- 4) On the right, locate the **Add** drop-down control, and select the **P6 Web Metrics** target type. Click **Go**.

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**Note:** You might need to logout and login again for the new target type to appear.

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- 5) On the **Properties** page, enter a name (for example, Primavera P6 Web Metrics), the P6 application server machine name, RMI admin port number (this is the port number you entered in the **Setting the JVM for P6** (on page 9) topic), and username and password (OS user with Java RMI privileges). Click **OK**.
- 6) To view the metrics, go to the **Targets** tab, then click the **All Targets** link at the top.

- 7) Find your target and click on it, then click the **All Metrics** link at the bottom.
- 8) Click your metric name.

### Tips

If P6 has been configured for multiple P6 EPPM database instances, the P6 EPPM metrics for login and session counts can be displayed for only the first P6 EPPM database instance. The database listed as Database/Instance[1] in the P6 Administrator application is considered the first P6 EPPM database instance.

## Where to Get Support

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If you have a question about using Oracle Primavera products that you or your network administrator cannot resolve with information in the documentation or help, go to:

**<http://www.oracle.com/us/support/index.html>**

This page provides the latest information on contacting Oracle Global Customer Support and the support renewals process.

Go to **[http://download.oracle.com/docs/cd/E17266\\_01/index.htm](http://download.oracle.com/docs/cd/E17266_01/index.htm)** for the latest updates to the P6 EPPM 8.0 Documentation library.