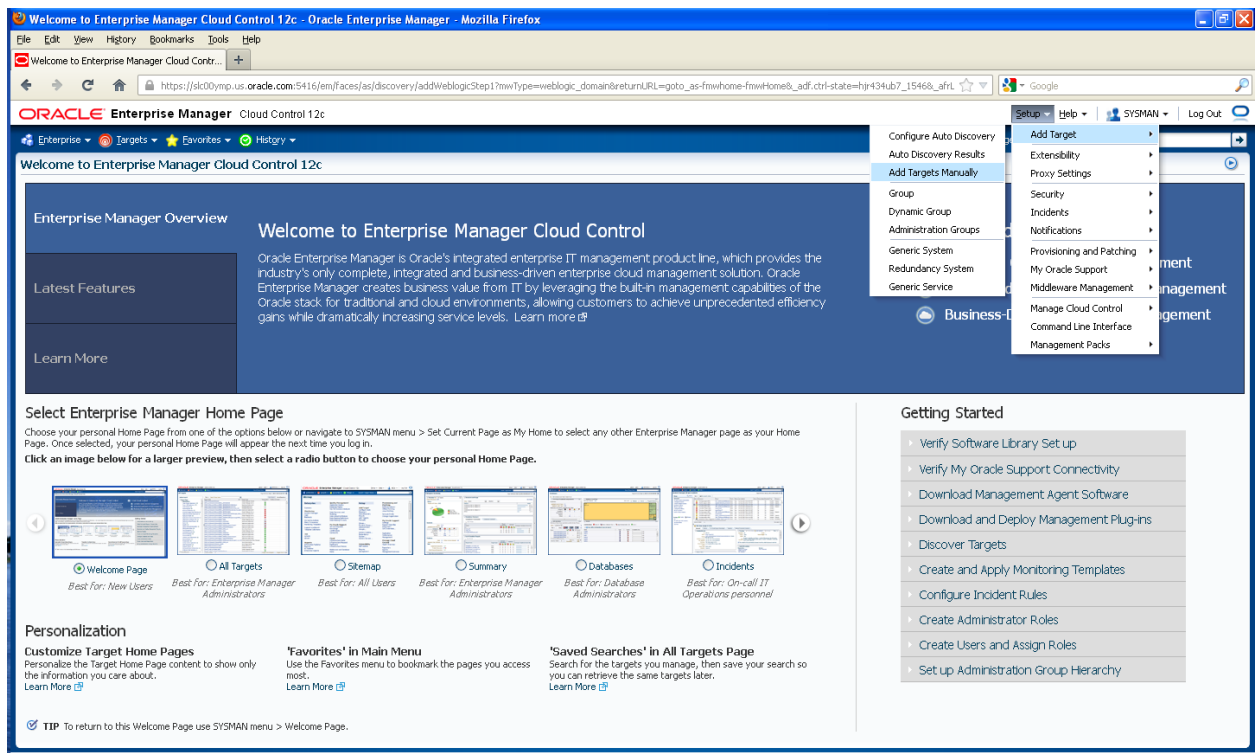


Monitoring Oracle® Enterprise Performance Management System Release 11.1.2.3 Deployments from Oracle Enterprise Manager 12c

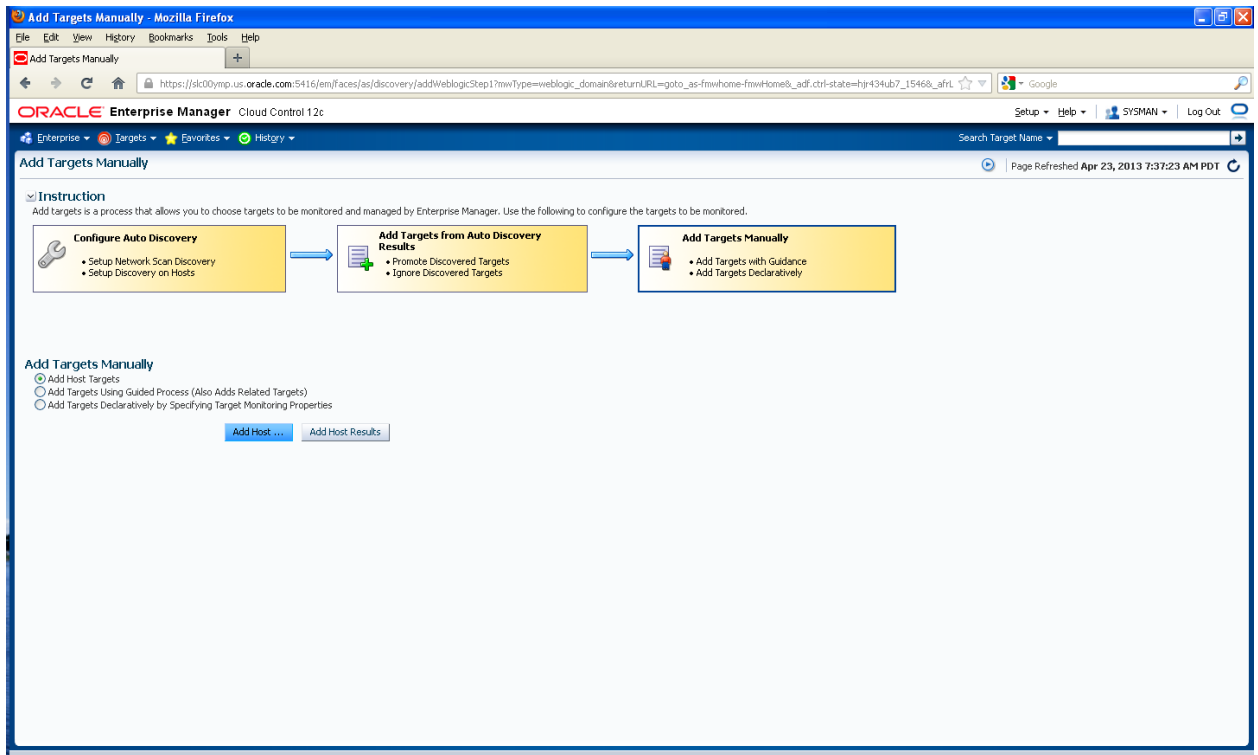
This document describes how to set up Oracle Enterprise Manager 12c to monitor Oracle Enterprise Performance Management System Release 11.1.2.3 products.

Adding Host Targets to Enterprise Manager

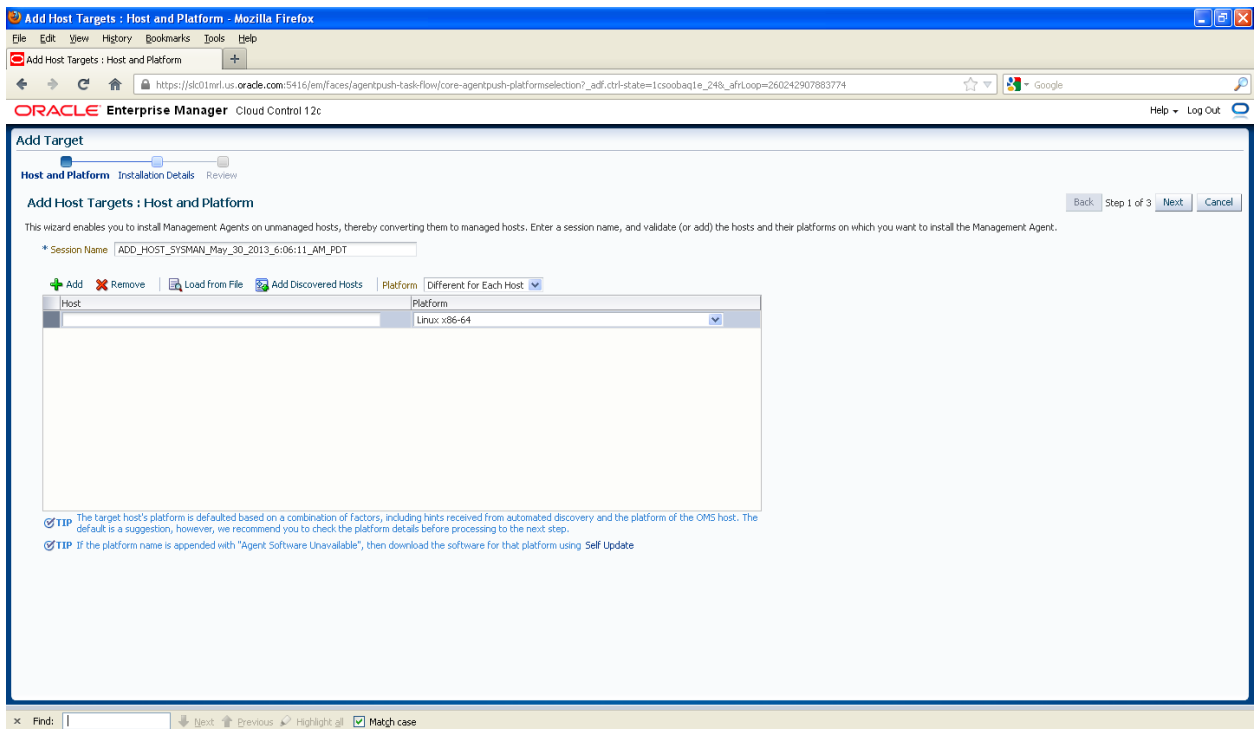
1. Log in to Enterprise Manager 12c as *sysman* user and add a host target manually by selecting **Setup**, then **Add Target**, and then **Add Targets Manually**.



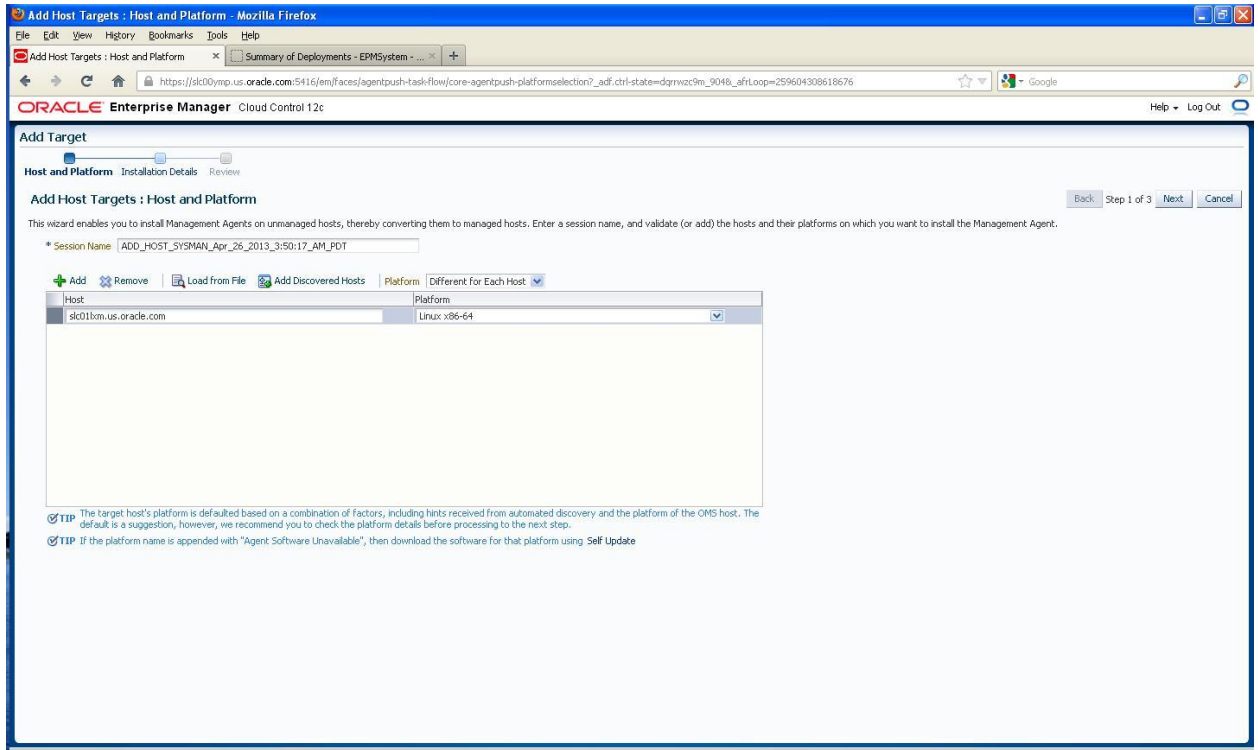
2. In the “Add Targets Manually” page, select **Add Host Targets** and then click **Add Host...**



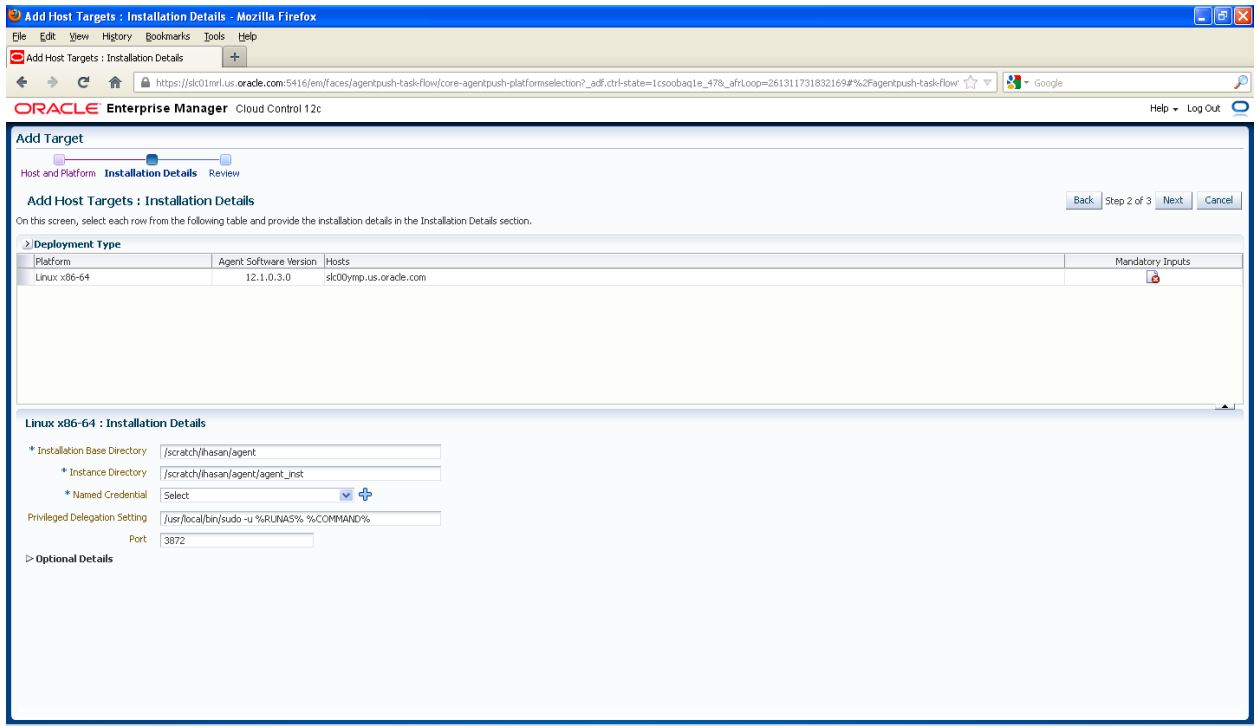
3. In the “Host and Platform” page, click **+ Add**.



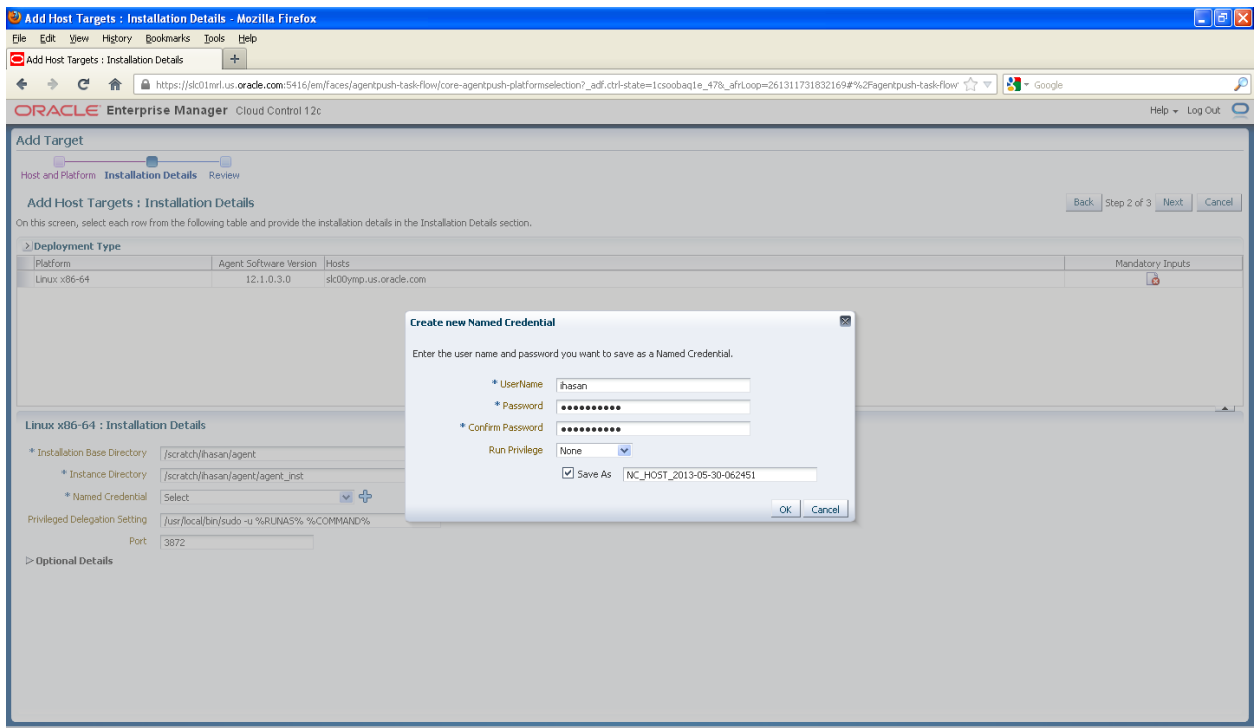
4. Enter the **Host** name and select the **Platform** for the machine hosting EPM System Release 11.1.2.3 products, and then click **Next**.



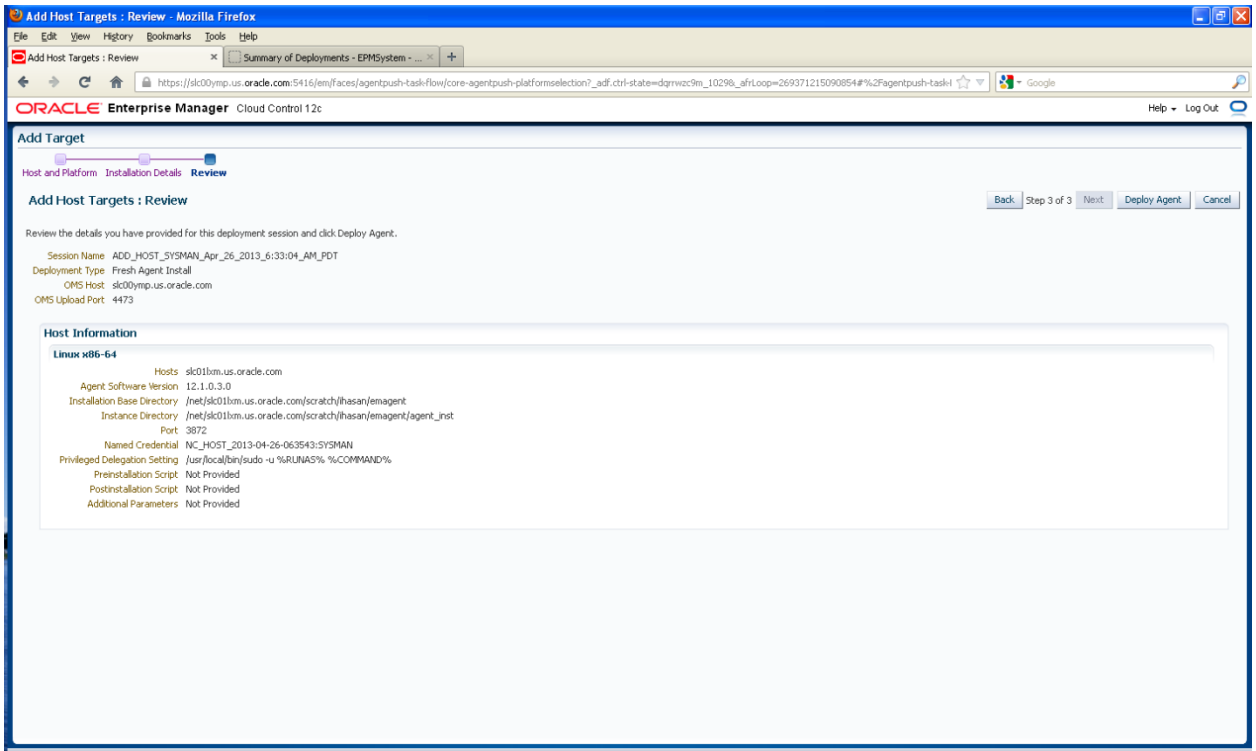
5. In the "Installation Details" page, in **Installation Base Directory**, specify a directory for the agent installation. This folder will be created for you. If the folder already exists, it should be empty. If necessary, update the default value in **Port**. Review the directory in **Instance Directory** and change it if necessary.



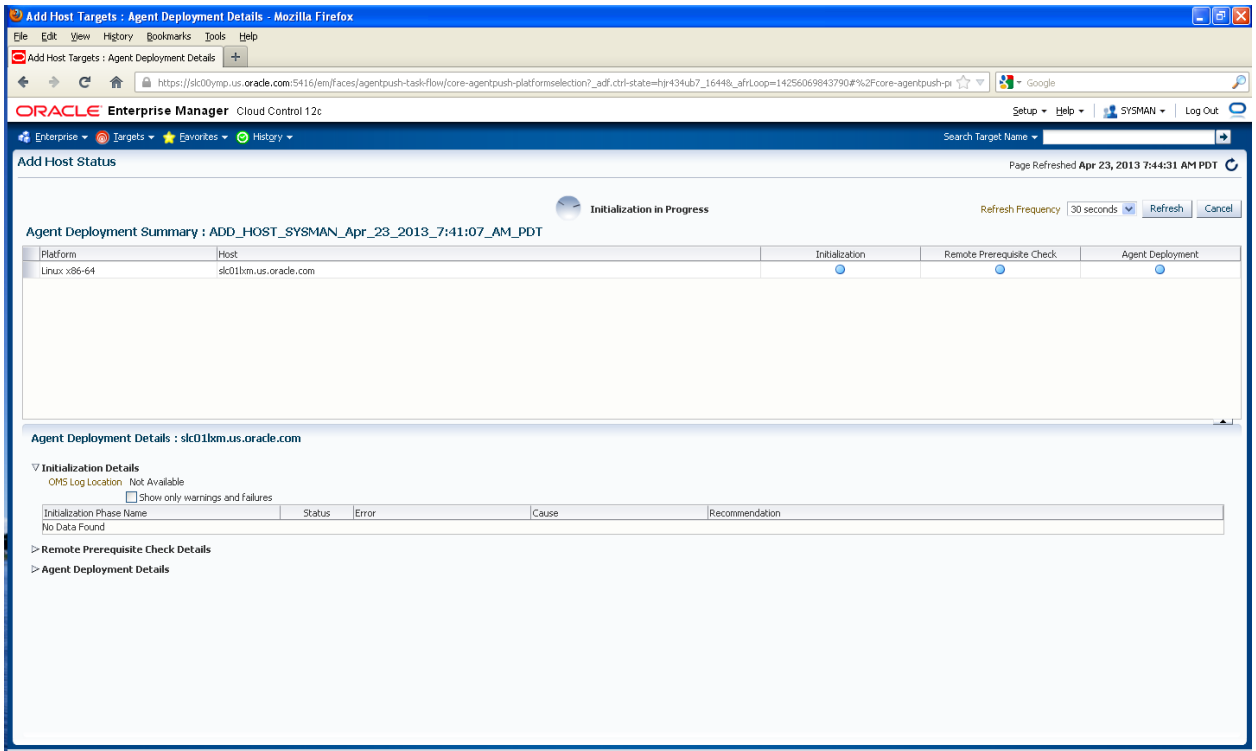
- Click + next to **Named Credential** and in the “Create New Named Credential” page, specify the host credentials, click **OK**, and then click **Next**.



- In the “Review” page, click **Deploy Agent**.

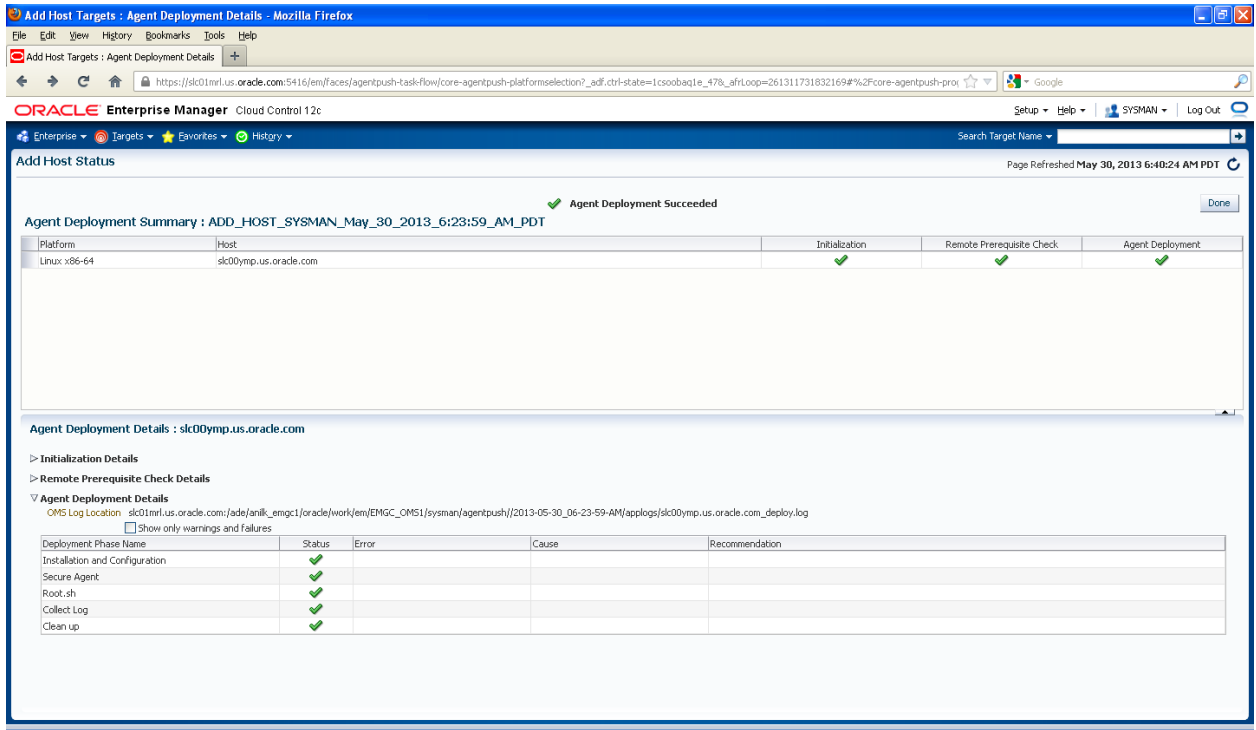


8. Management Agent installation is initiated on the specified host.

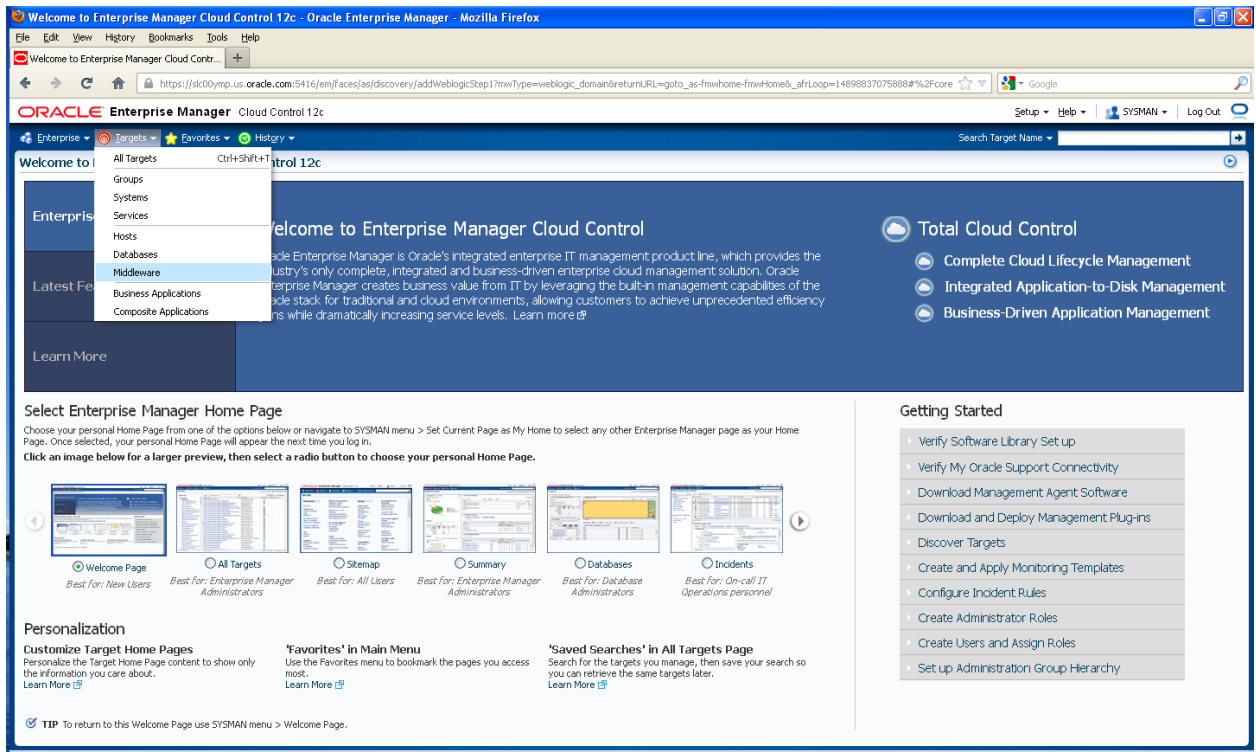


After all prerequisite checks have passed, the Management Agent is installed and configured on the specified host.

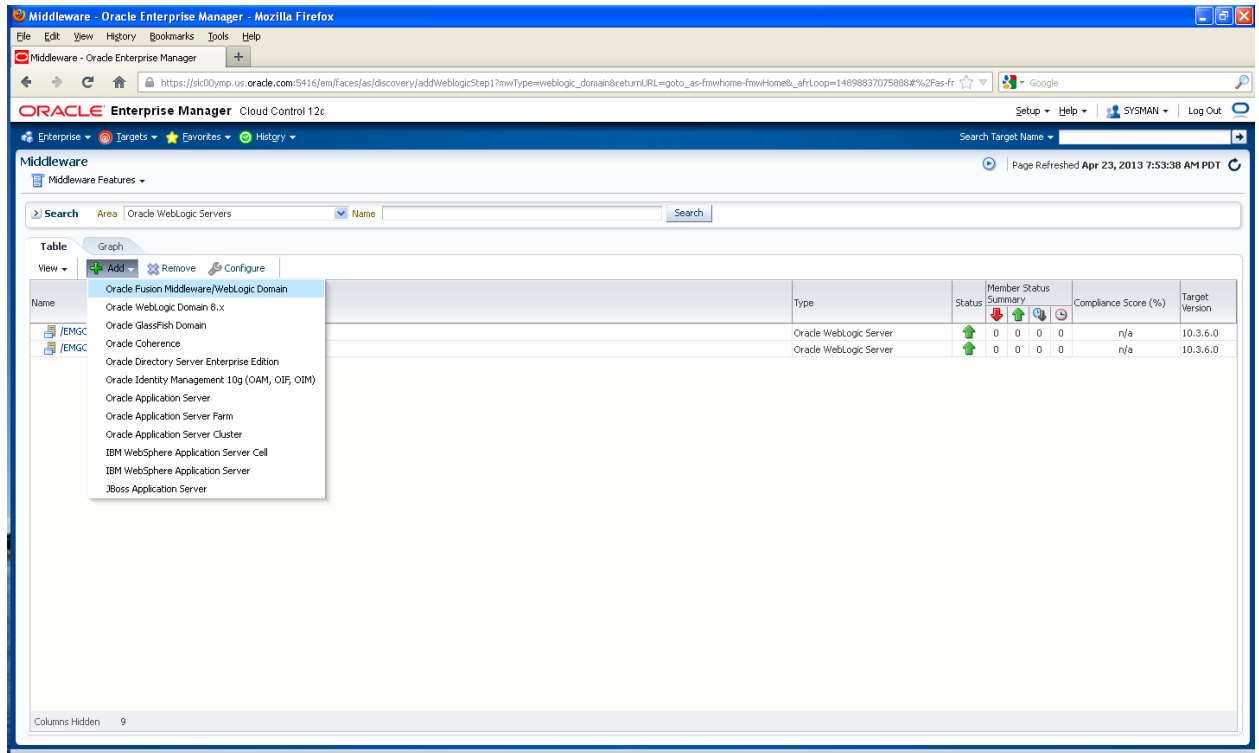
9. After the Management Agent is successfully deployed, review the “Confirmation” screen.



10. Navigate to the Enterprise Manager Home page, and add a middleware target by selecting **Targets**, and then **Middleware**.

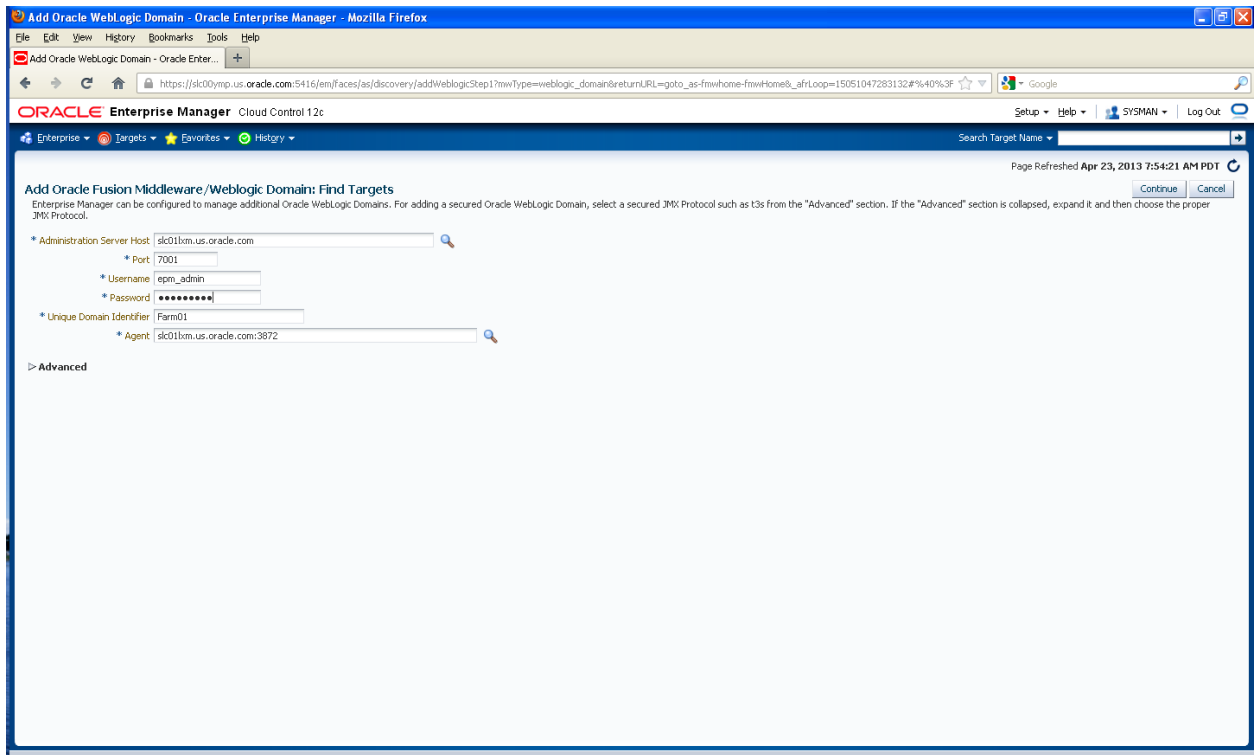


- In the “Middleware” page, from the + **Add** menu, select **Oracle Fusion Middleware/WebLogic Domain**.

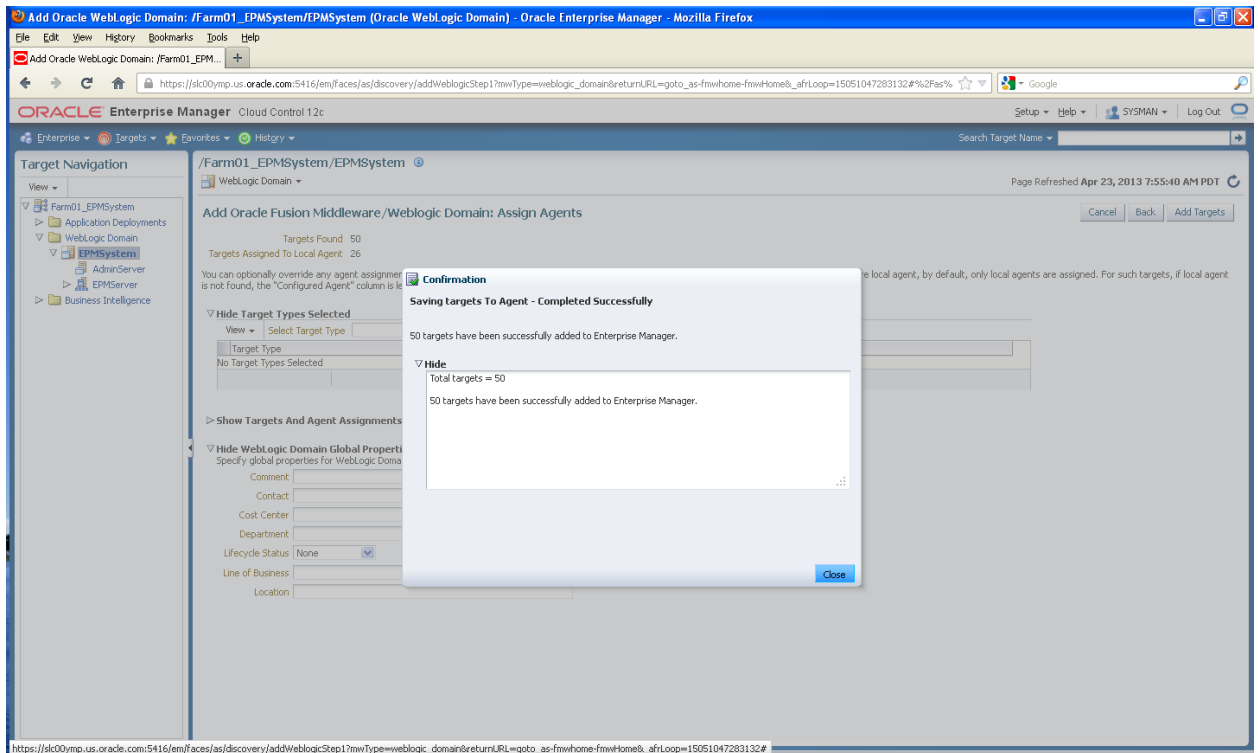


- In the “Find Targets” page, specify the WebLogic Administration Server details for the machine hosting EPM System. (Make sure the Administration Server is running.) Then, select the appropriate agent for the host by clicking the *magnifying glass* icon next to **Agent**. Review the

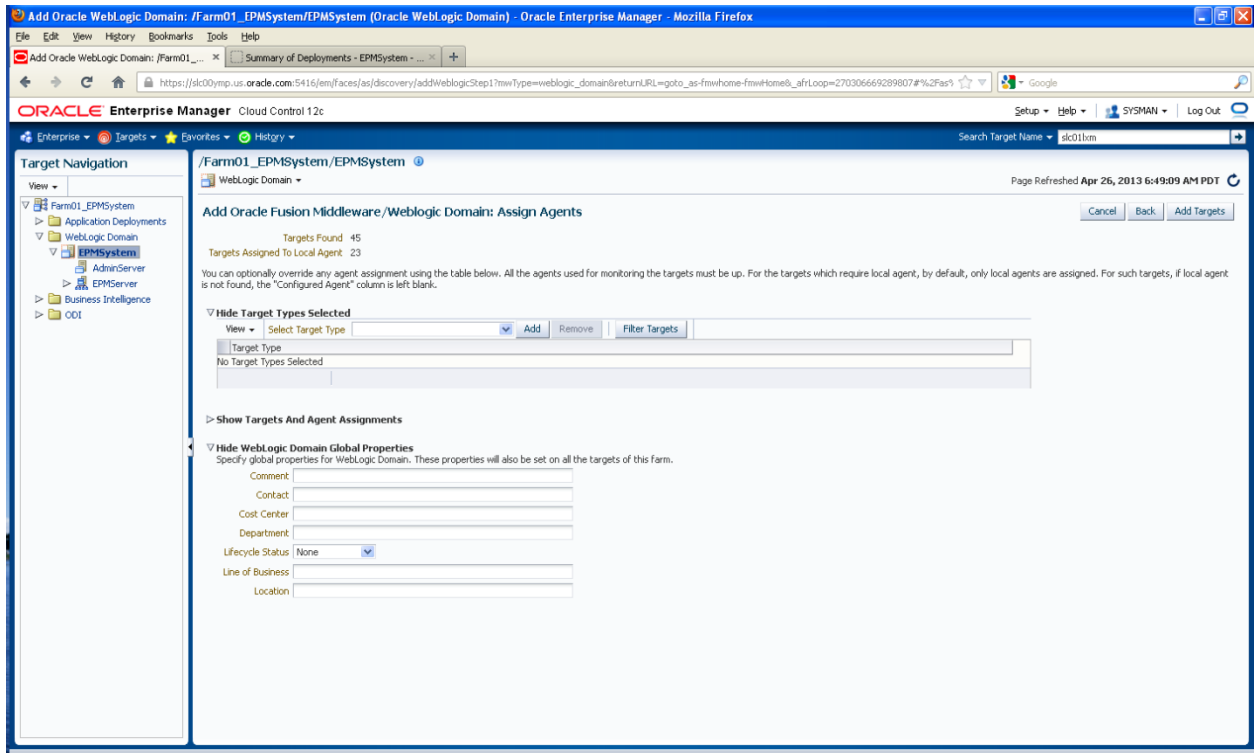
Unique Domain Identifier and change it if necessary. Click **Continue**.



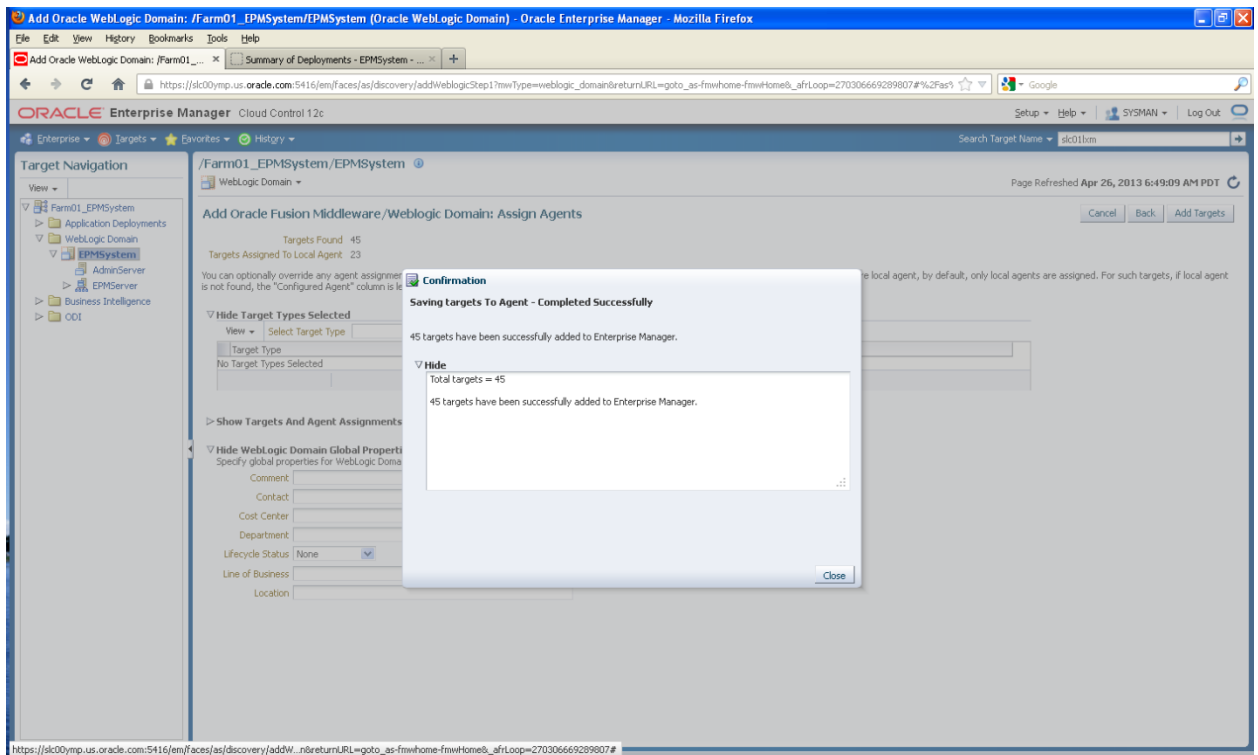
13. In the "Confirmation" window, click **Close**.



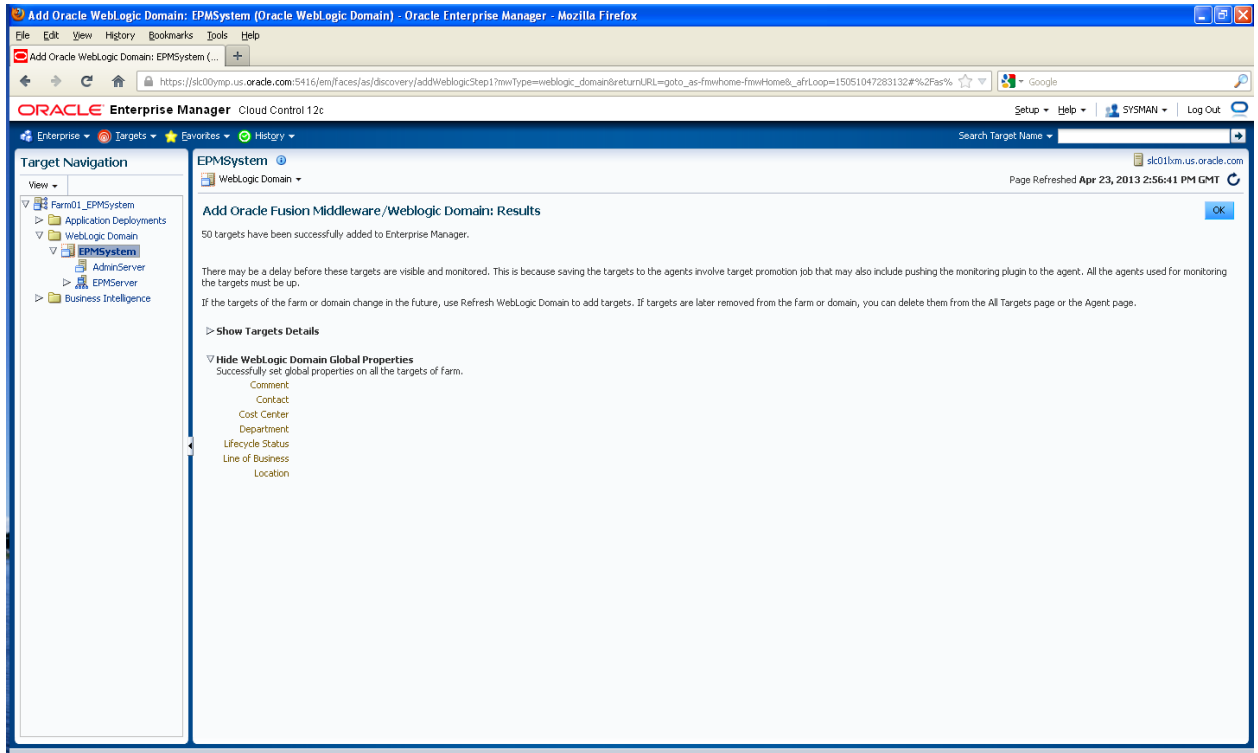
14. In the “Assign Agents” page, click **Add Targets**.



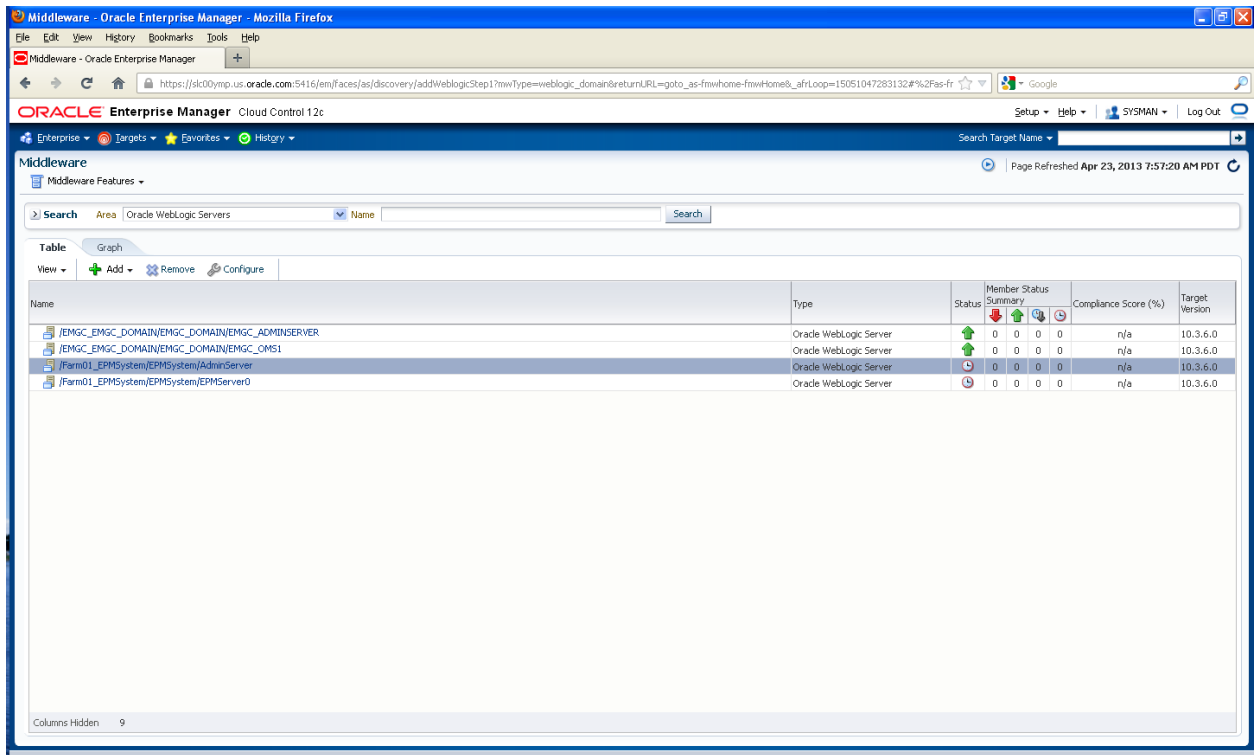
15. In the “Confirmation” page, review the confirmation, and then click **Close**.



16. In the “Results” page, review the results of the target addition, and then click **OK**.



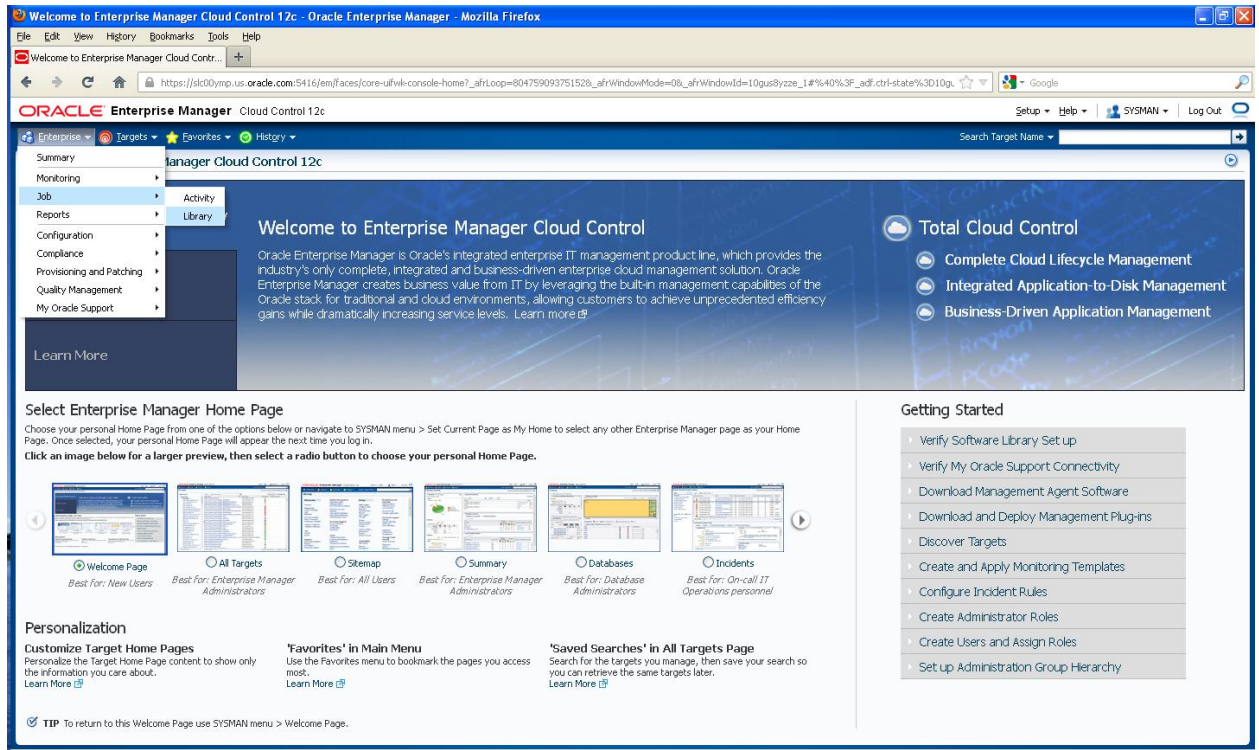
17. The targets are now added and available for monitoring in Enterprise Manager.



Adding a Job (OS command) For the Targets

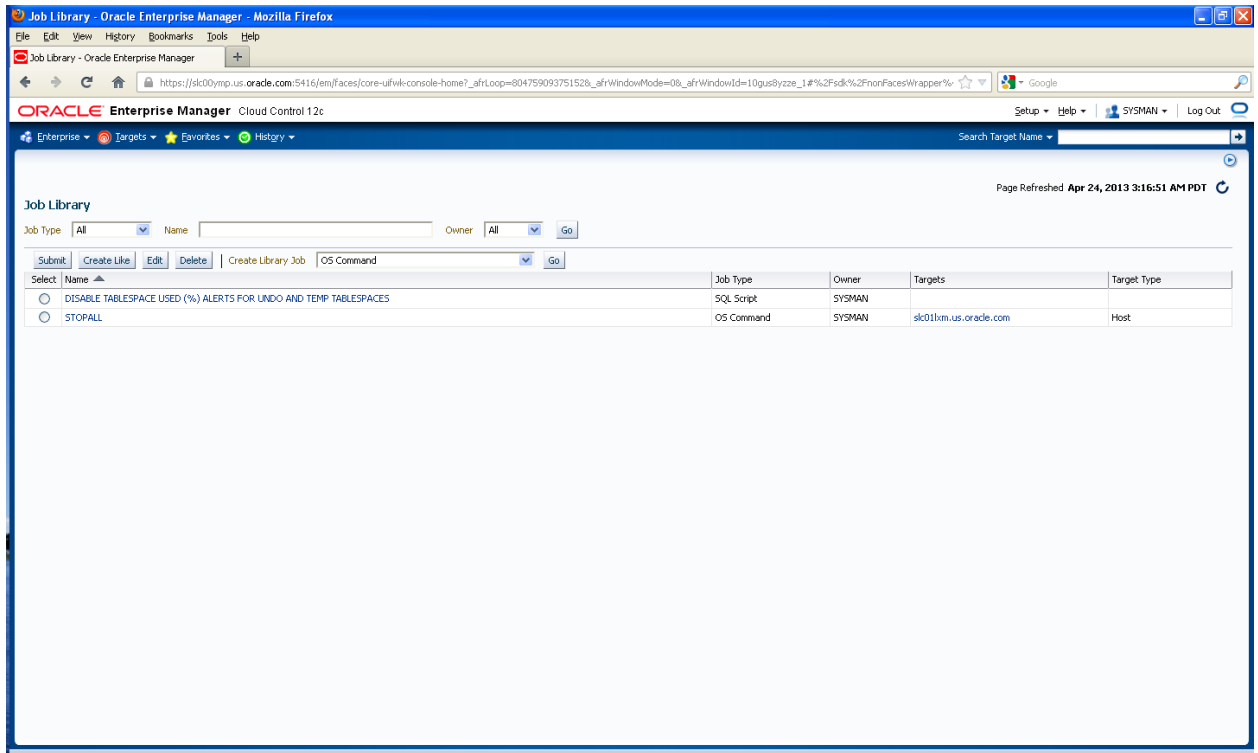
EPM System Release 11.1.2.3 provides scripts to start and stop services. You can configure to use the scripts from Enterprise Manager Console using the following procedure.

1. In the Enterprise Manager Console, from the **Enterprise** menu, select **Job**, and then select **Library**.

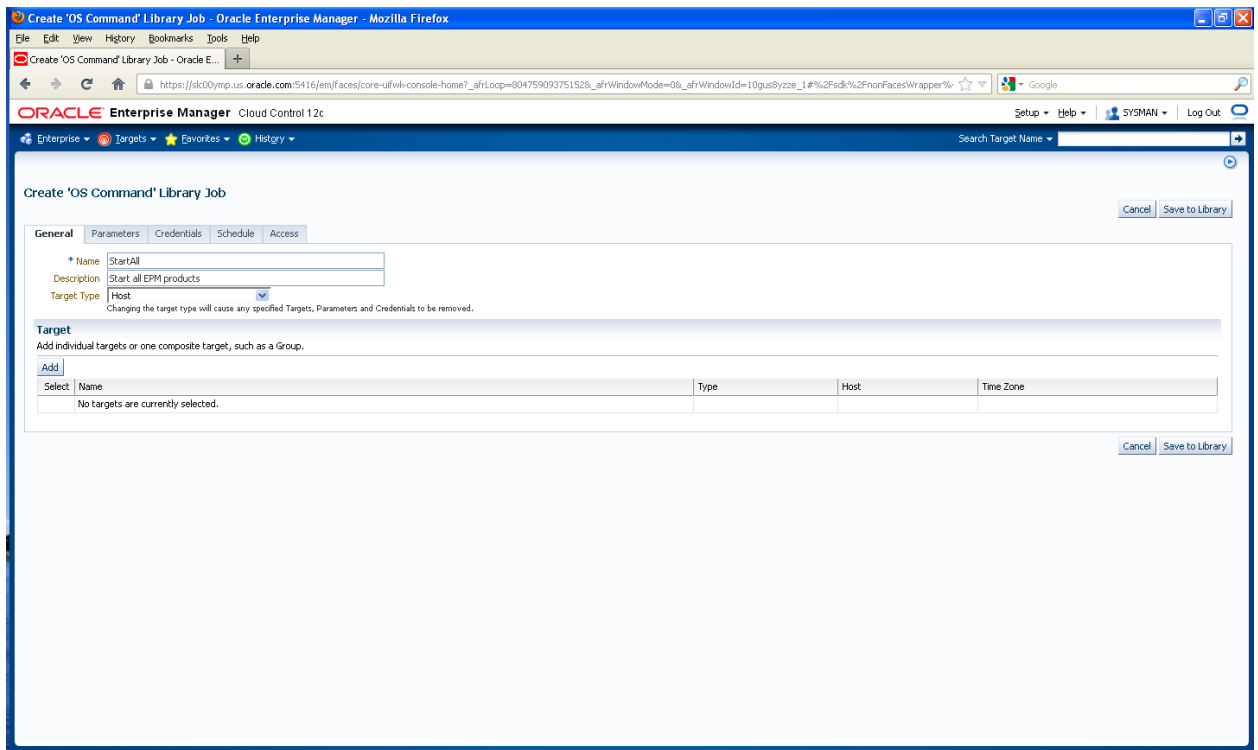


The screenshot shows the Oracle Enterprise Manager Cloud Control 12c console. The top navigation bar includes 'Enterprise', 'Targets', 'Favorites', and 'History'. The 'Enterprise' menu is expanded, showing 'Job' and 'Library' options. The main content area features a 'Welcome to Enterprise Manager Cloud Control' message and a 'Select Enterprise Manager Home Page' section. This section includes a 'Getting Started' list with items like 'Verify Software Library Set up', 'Verify My Oracle Support Connectivity', 'Download Management Agent Software', 'Download and Deploy Management Plug-Ins', 'Discover Targets', 'Create and Apply Monitoring Templates', 'Configure Incident Rules', 'Create Administrator Roles', 'Create Users and Assign Roles', and 'Set up Administration Group Hierarchy'. A 'Personalization' section at the bottom provides instructions on how to customize the home page and use favorites.

- The “Job Library” page lists the available library jobs. To create a new library job to run a script, from the **Create Library Job** list, select **OS Command** and then click **Go**.



- In the “Create ‘OS Command’ Library Job” page, in the **General** tab, enter the job name and description and for the required target type, select **Host**.



4. Click **Add** to specify the target type and on the “Targets” page, select the required host target from the list.

Search and Select: Targets - Oracle Enterprise Manager - Mozilla Firefox

https://slc00ymp.us.oracle.com:5416/em/console/target/sel/targetSelection?event=search&ipMsgID=f2c28609

Search and Select: Targets

Cancel Select

Simple Search

Target Type: Host

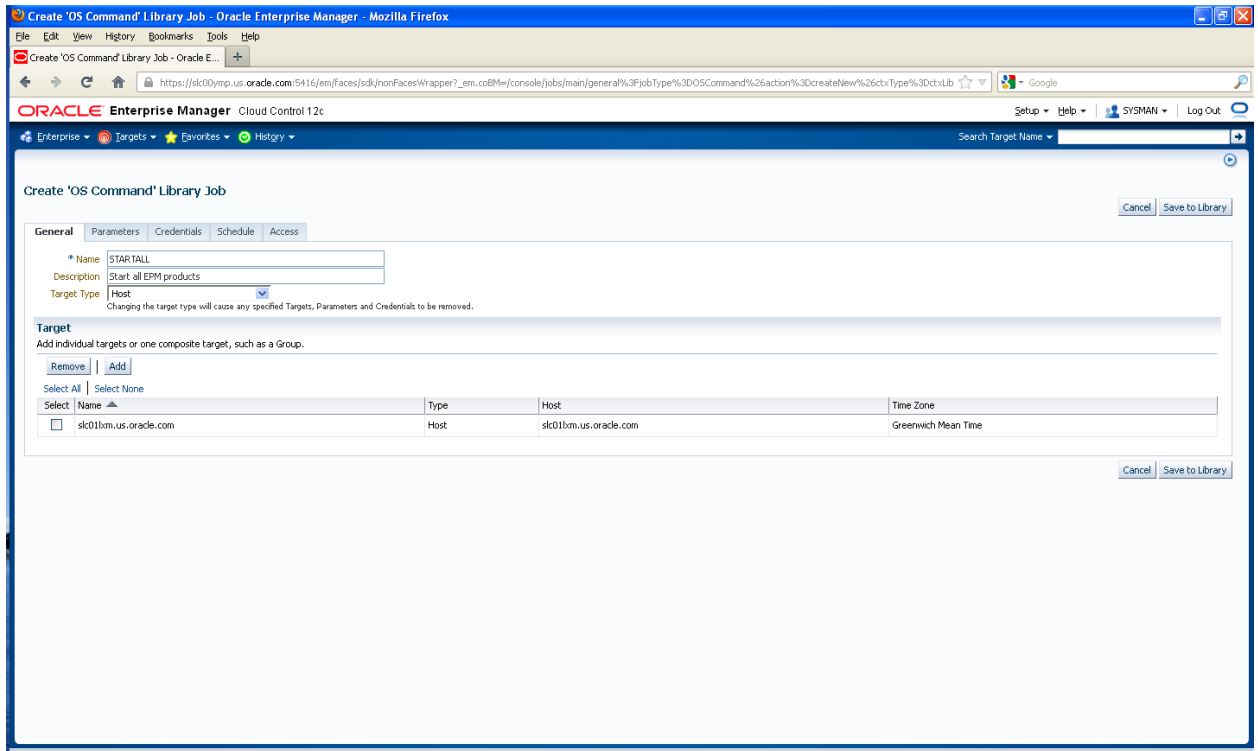
Target Name:

Go Advanced Search

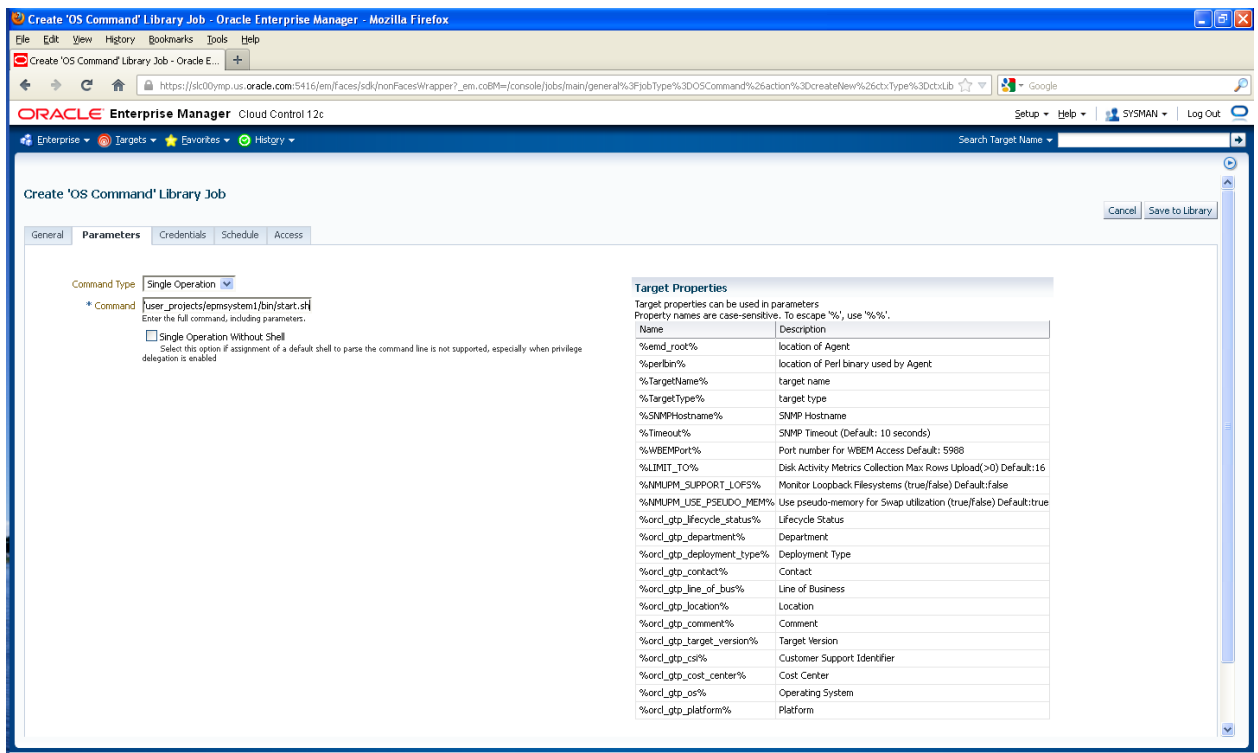
Select All | Select None

Select	Name ▲	Type	Host	Status
<input type="checkbox"/>	slc00ymp.us.oracle.com	Host	slc00ymp.us.oracle.com	↑
<input checked="" type="checkbox"/>	slc01xm.us.oracle.com	Host	slc01xm.us.oracle.com	↑

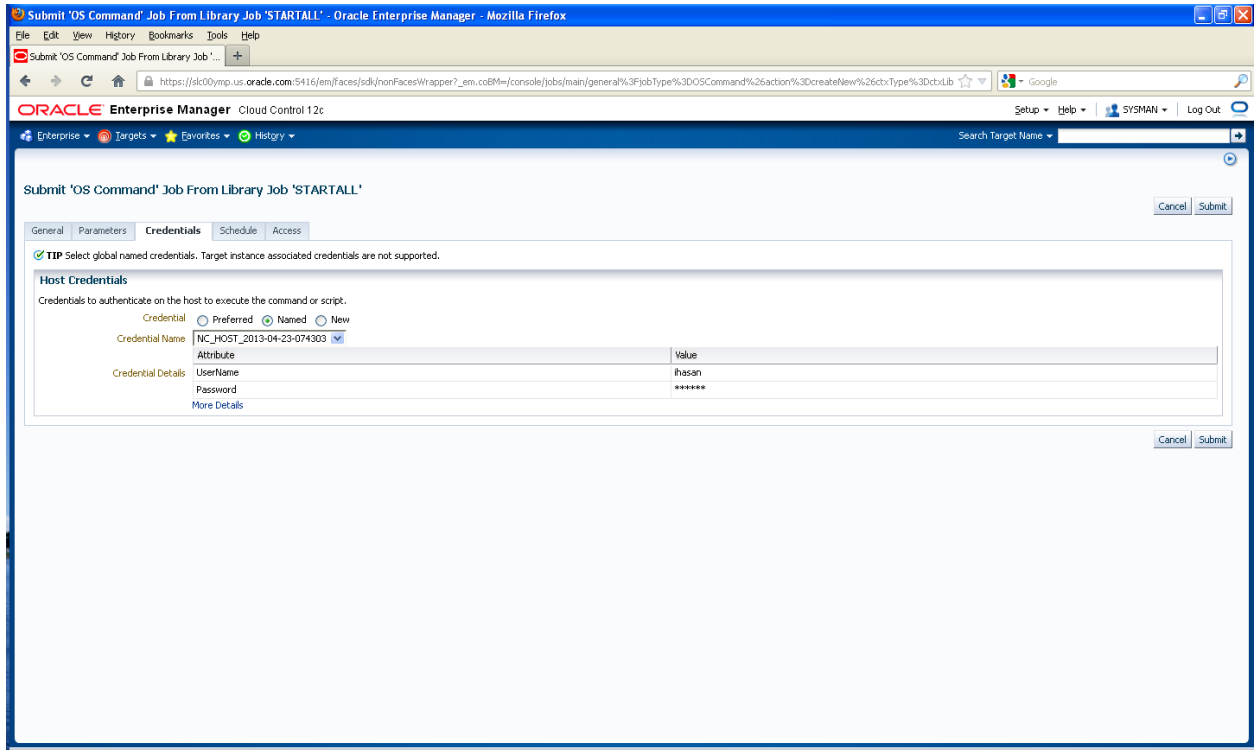
Cancel Select



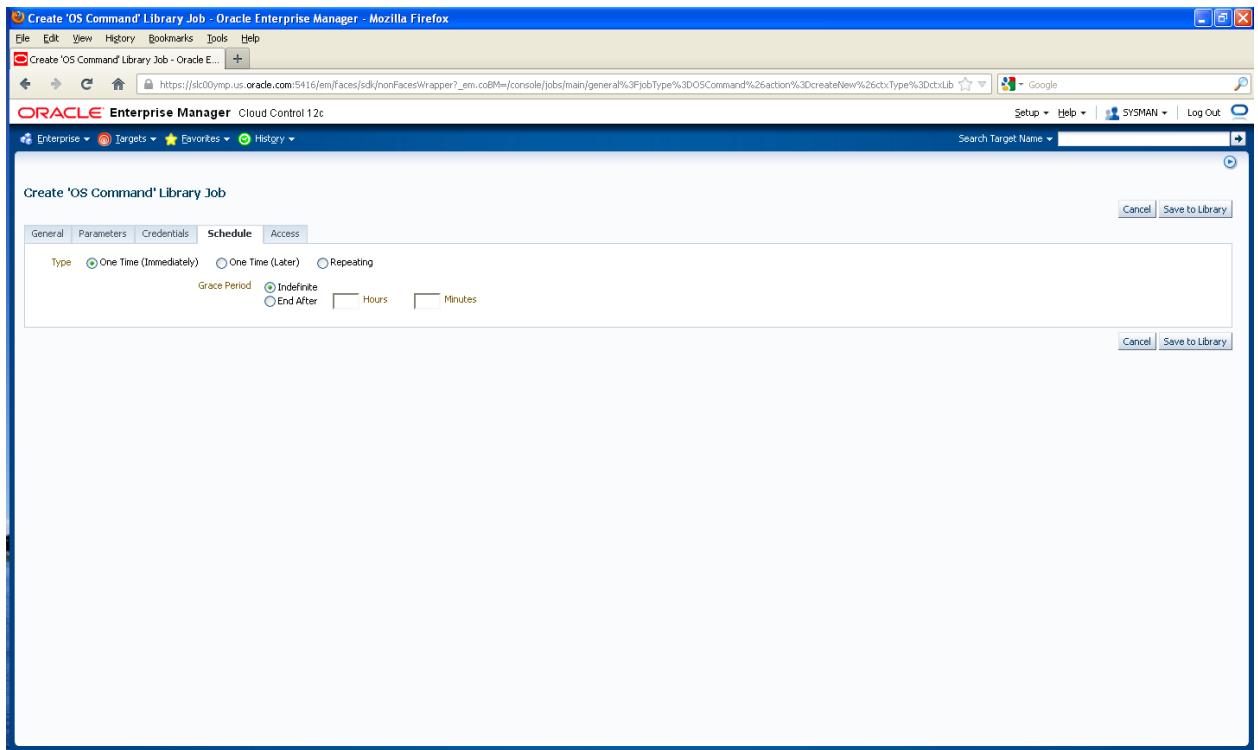
- Click the “Parameters” tab and provide the full path for the script to be invoked. Specify any additional parameters as needed as well.



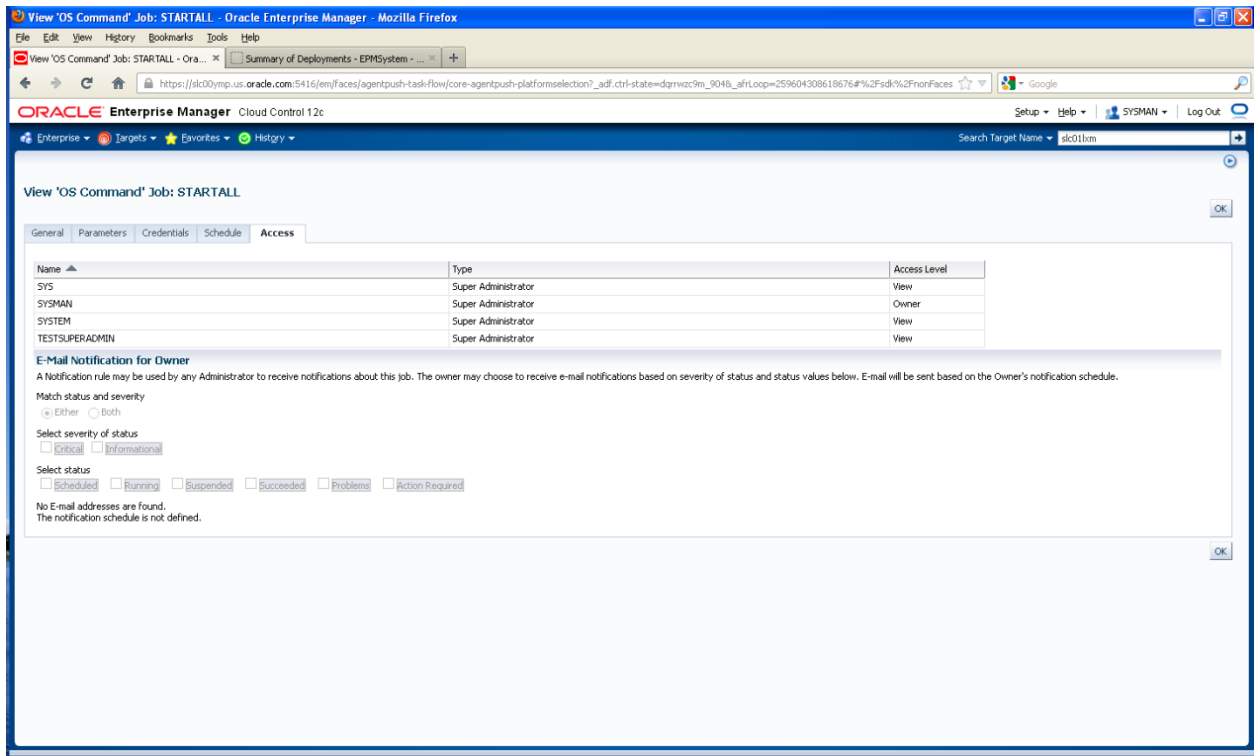
- Click the “Credentials” tab and then select **Named** to review the named credential for the host that you already created. If required, you can create a new host by selecting **New**.



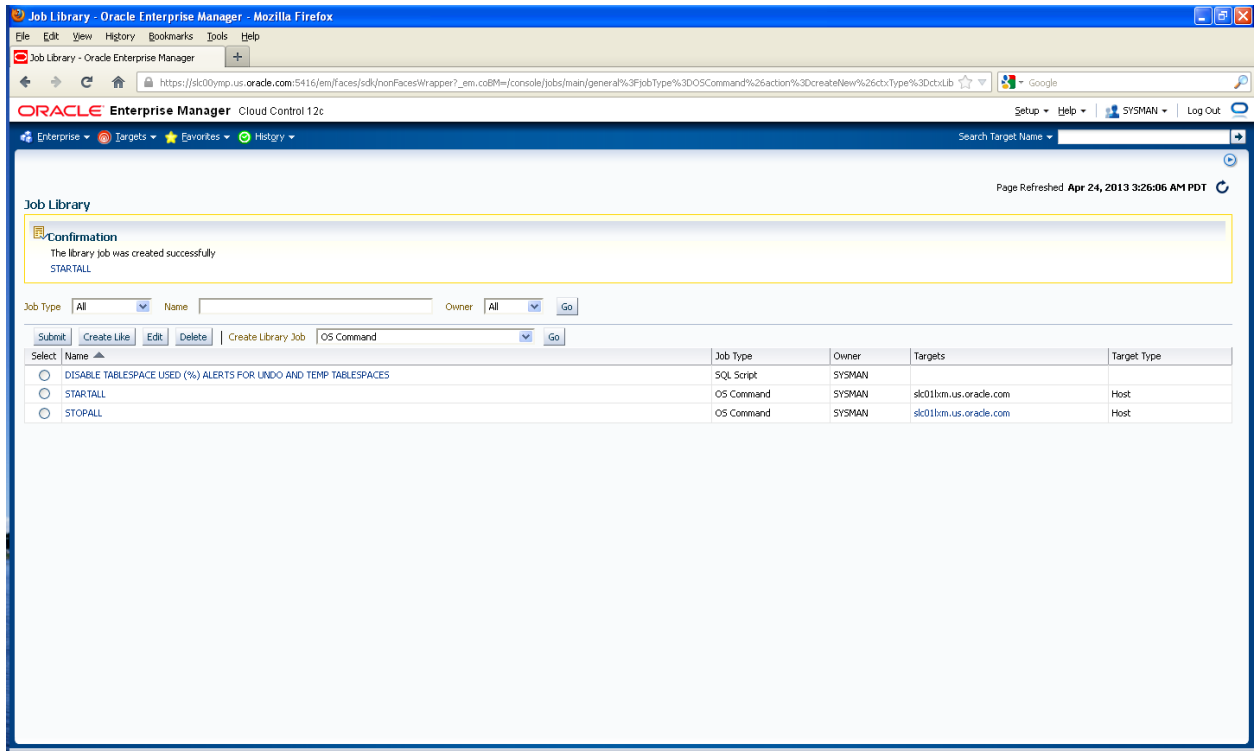
- To schedule the job, click the **Schedule** tab and enter the schedule details.



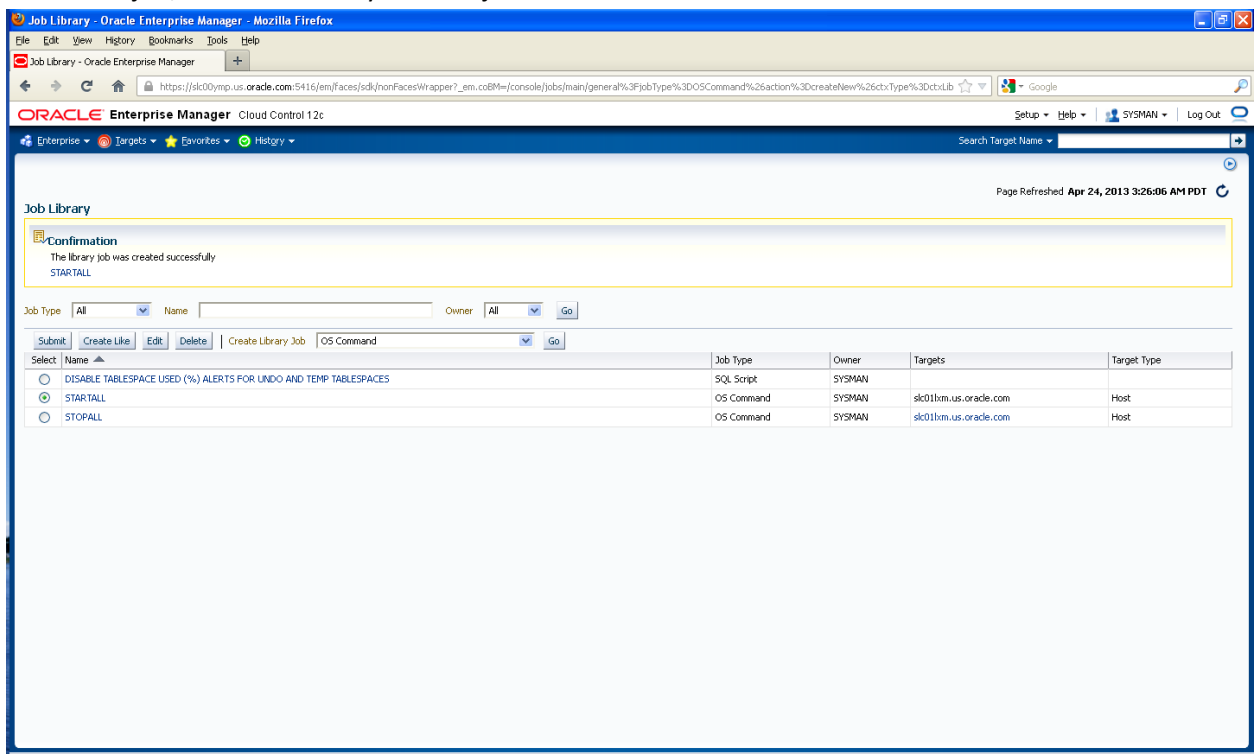
8. If access to the job needs to be provided for specific Enterprise Manager users, click the “Access” tab. You can also specify email notification if required, if the email was set up for the user from the **Setup->Notification** menu.



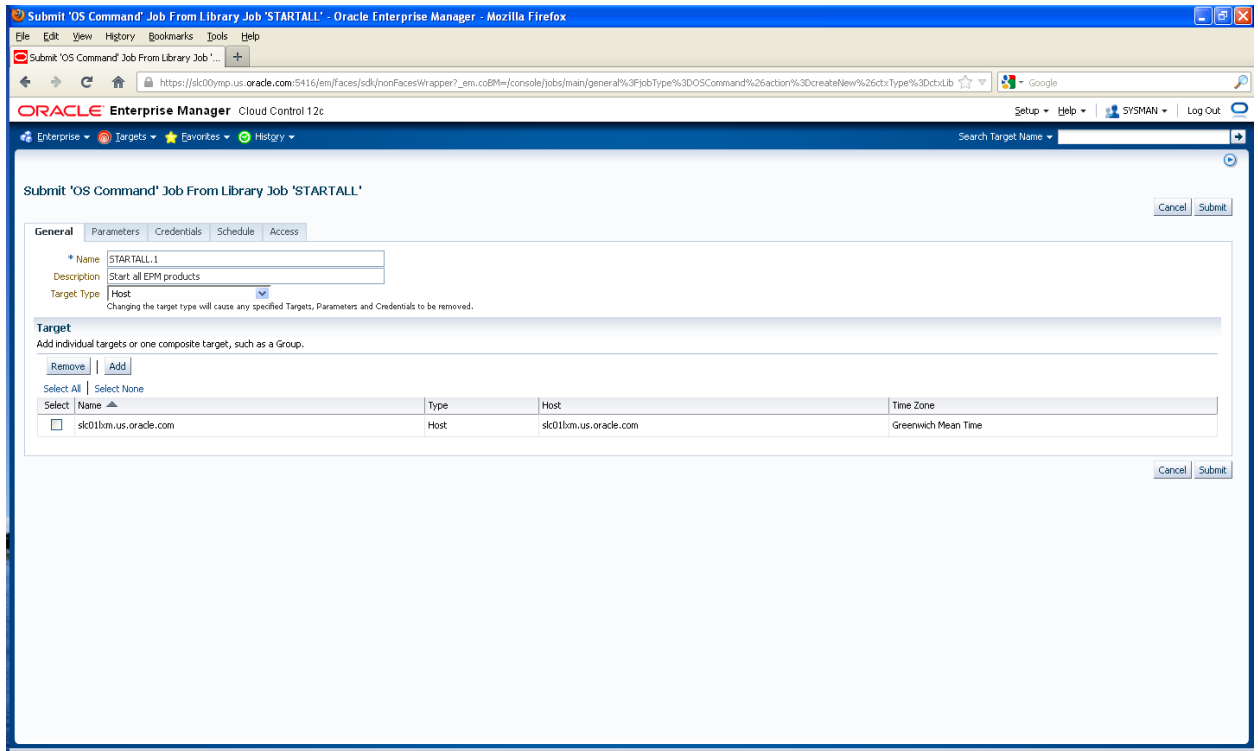
9. Click **Save to Library** to create the library job. The job displays in the “Job Library” page.



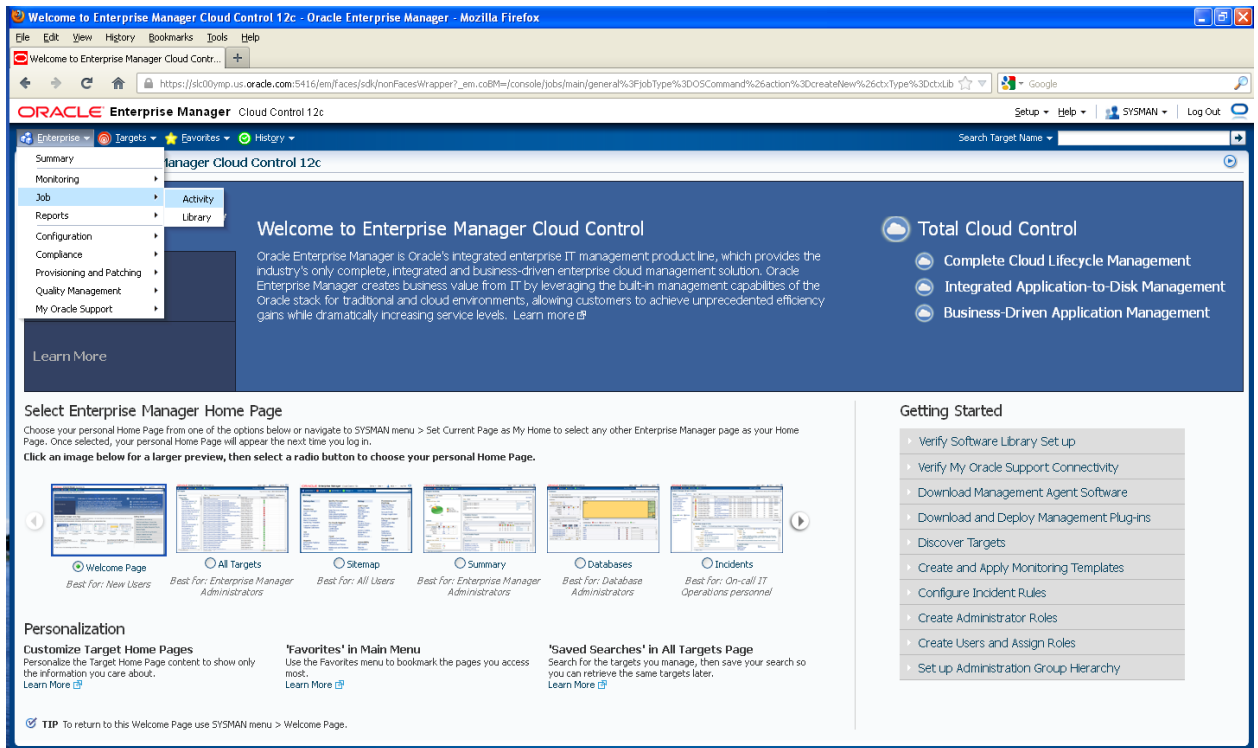
10. To run the job, select the newly created job and click **Submit**.



11. A unique Name is used for the job to identify the execution. You can edit any of the job properties in the Job Library page as required. Submit the job by clicking **Submit**.



12. A confirmation page appears with the job name as a link in the message. Clicking it provides job details as shown in Step 15.
13. You can also navigate to the **Enterprise** menu and select **Jobs**, and then **Activity** to track jobs status.



14. Jobs are listed on the job activity page according to status. To list all the jobs, select **All** from the **Status** list, and then click **Go**. The **STARTALL.1** job submitted earlier is seen in running state below. The job names appear as a link. Click the job name to get the details for the job.

The screenshot shows the Oracle Enterprise Manager Job Activity page. The status is set to 'All'. The table below lists various jobs, with 'STARTALL.1' highlighted in a running state.

Select	Name	Status (Executions)	Scheduled	Targets	Target Type	Owner	Job Type
<input type="radio"/>	MDADCSTATUSJOB	1 Scheduled	Apr 25, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADCStatus
<input type="radio"/>	MDADATAPURGEJOB	1 Scheduled	Apr 25, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADatamovementAndPurge
<input type="radio"/>	MDADATAMOVEMENTJOB	1 Scheduled	Apr 25, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADatamovementAndPurge
<input type="radio"/>	CBADATACOLLECTOR	1 Scheduled	Apr 25, 2013 3:00:00 AM GMT-07:00			SYSMAN	Chargeback Data Loader
<input type="radio"/>	SWLIBPURGE	1 Scheduled	Apr 25, 2013 2:00:00 AM GMT-07:00			SYSMAN	Software Library Purge
<input type="radio"/>	CPADATACOLLECTOR	1 Scheduled	Apr 25, 2013 12:00:00 AM GMT-07:00			SYSMAN	Consolidation Planner Data Loader
<input type="radio"/>	DOWNLOAD_CVU	1 Scheduled	Apr 25, 2013 12:00:00 AM GMT-07:00			SYSMAN	DownloadCVU
<input type="radio"/>	REFRESH_FROM_MY_ORACLE_SUPPORT_JOB	1 Scheduled	Apr 25, 2013 12:00:00 AM GMT-07:00			SYSMAN	Refresh From My Oracle Support
<input type="radio"/>	OPATCH_PATCH_UPDATE_JOB	1 Scheduled	Apr 25, 2013 12:00:00 AM GMT-07:00			SYSMAN	OPatch Update
<input type="radio"/>	REFRESH_UPDATES_FROM_ORACLE	1 Scheduled	Apr 25, 2013 3:04:00 AM GMT			SYSMAN	Refresh Updates
<input type="radio"/>	SWLIBREFRESHLOCSTATS	1 Scheduled	Apr 24, 2013 9:03:59 AM GMT-07:00			SYSMAN	Software Library Location Statistics Refresh
<input type="radio"/>	STOPALL.2	1 Succeeded	Apr 24, 2013 3:29:32 AM GMT-07:00	slc011m.us.oracle.com	Host	SYSMAN	OS Command
<input checked="" type="radio"/>	STARTALL.1	1 Running	Apr 24, 2013 3:28:54 AM GMT-07:00	slc011m.us.oracle.com	Host	SYSMAN	OS Command
<input type="radio"/>	MDADCSTATUSJOB	1 Succeeded	Apr 24, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADCStatus
<input type="radio"/>	MDADATAPURGEJOB	1 Succeeded	Apr 24, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADatamovementAndPurge
<input type="radio"/>	MDADATAMOVEMENTJOB	1 Succeeded	Apr 24, 2013 3:15:00 AM GMT-07:00			SYSMAN	MDADatamovementAndPurge
<input type="radio"/>	SWLIBREFRESHLOCSTATS	1 Succeeded	Apr 24, 2013 3:03:59 AM GMT-07:00			SYSMAN	Software Library Location Statistics Refresh
<input type="radio"/>	CBADATACOLLECTOR	1 Succeeded	Apr 24, 2013 3:00:00 AM GMT-07:00			SYSMAN	Chargeback Data Loader
<input type="radio"/>	STOPALL.1	1 Succeeded	Apr 24, 2013 2:31:40 AM GMT-07:00	slc011m.us.oracle.com	Host	SYSMAN	OS Command
<input type="radio"/>	SWLIBPURGE	1 Succeeded	Apr 24, 2013 2:00:00 AM GMT-07:00			SYSMAN	Software Library Purge
<input type="radio"/>	DOWNLOAD_CVU	1 Problems	Apr 24, 2013 12:00:00 AM GMT-07:00			SYSMAN	DownloadCVU

15. The job details are shown in the resulting page. Click the **Show** link for details.

The screenshot shows the Oracle Enterprise Manager Job Run details page for 'STARTALL.1'. The job is in a 'Running' state. The page includes a table of executions and various control buttons.

Job Run: STARTALL.1
 Scheduled Apr 24, 2013 3:28:54 AM GMT-07:00
 Targets slc011m.us.oracle.com
 Type OS Command
 Owner SYSMAN
 Description Start all EPM products

Executions

Targets:
 Status: All
 Go

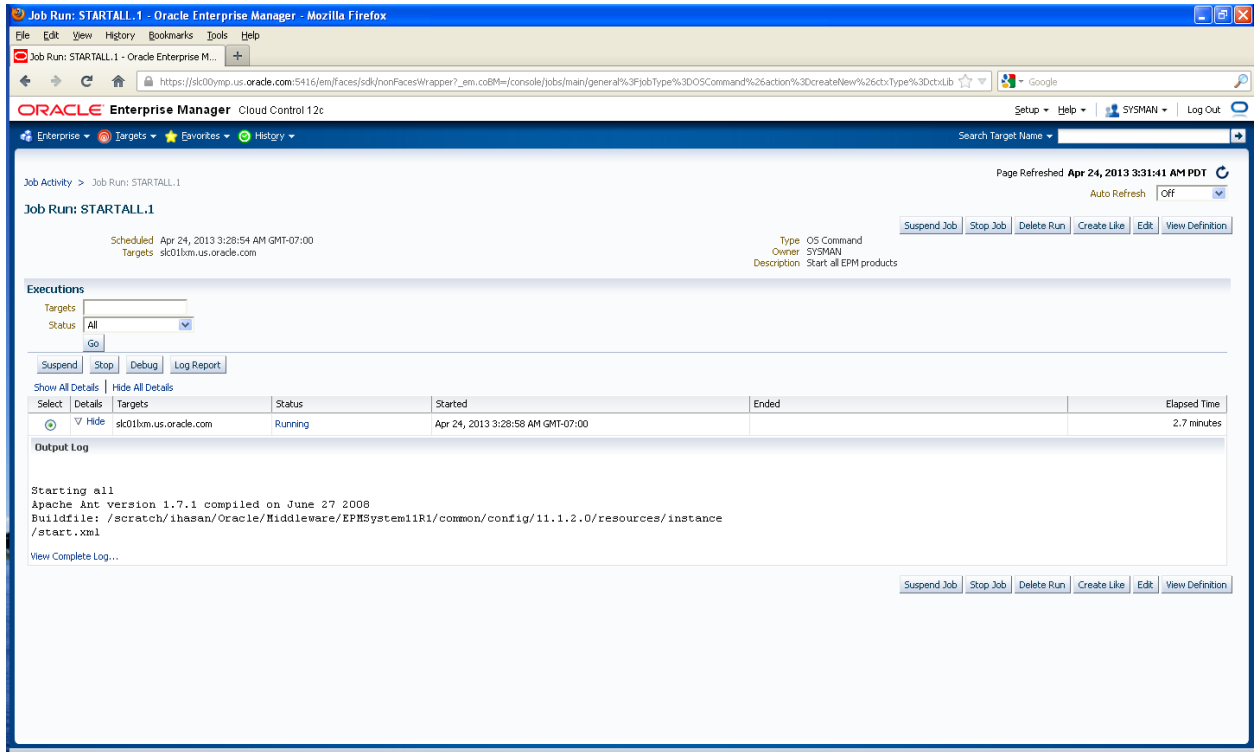
Suspend Stop Debug Log Report

Show All Details Hide All Details

Select	Targets	Status	Started	Ended	Elapsed Time
<input checked="" type="radio"/>	show slc011m.us.oracle.com	Running	Apr 24, 2013 3:28:58 AM GMT-07:00		2.7 minutes

Suspend Job Stop Job Delete Run Create Like Edit View Definition

16. The output from the command is displayed in the resulting page.



The screenshot shows the Oracle Enterprise Manager interface for a job run named 'STARTALL.1'. The job is scheduled for April 24, 2013, at 3:28:54 AM GMT-07:00 and is currently running on the target 'slc01vm.us.oracle.com'. The job type is 'OS Command' and the owner is 'SYSMAN'. The description is 'Start all EPM products'. The output log shows the following text:

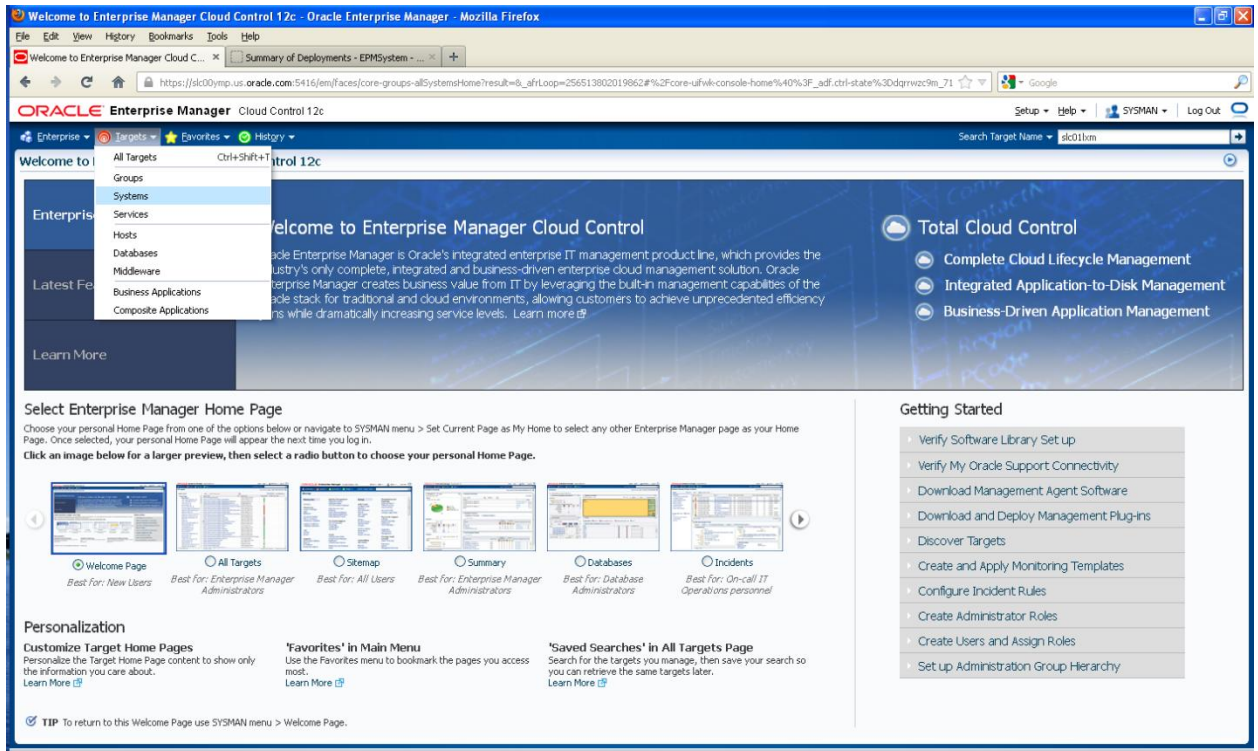
```
Starting all
Apache Ant version 1.7.1 compiled on June 27 2008
Buildfile: /scratch/ihasan/Oracle/Middleware/EPMSystem11R1/common/config/11.1.2.0/resources/instance/start.xml
```

The job has been running for 2.7 minutes. The page also includes a table with the following columns: Select, Details, Targets, Status, Started, Ended, and Elapsed Time. The table contains one entry for the target 'slc01vm.us.oracle.com' with a status of 'Running' and a start time of 'Apr 24, 2013 3:28:58 AM GMT-07:00'.

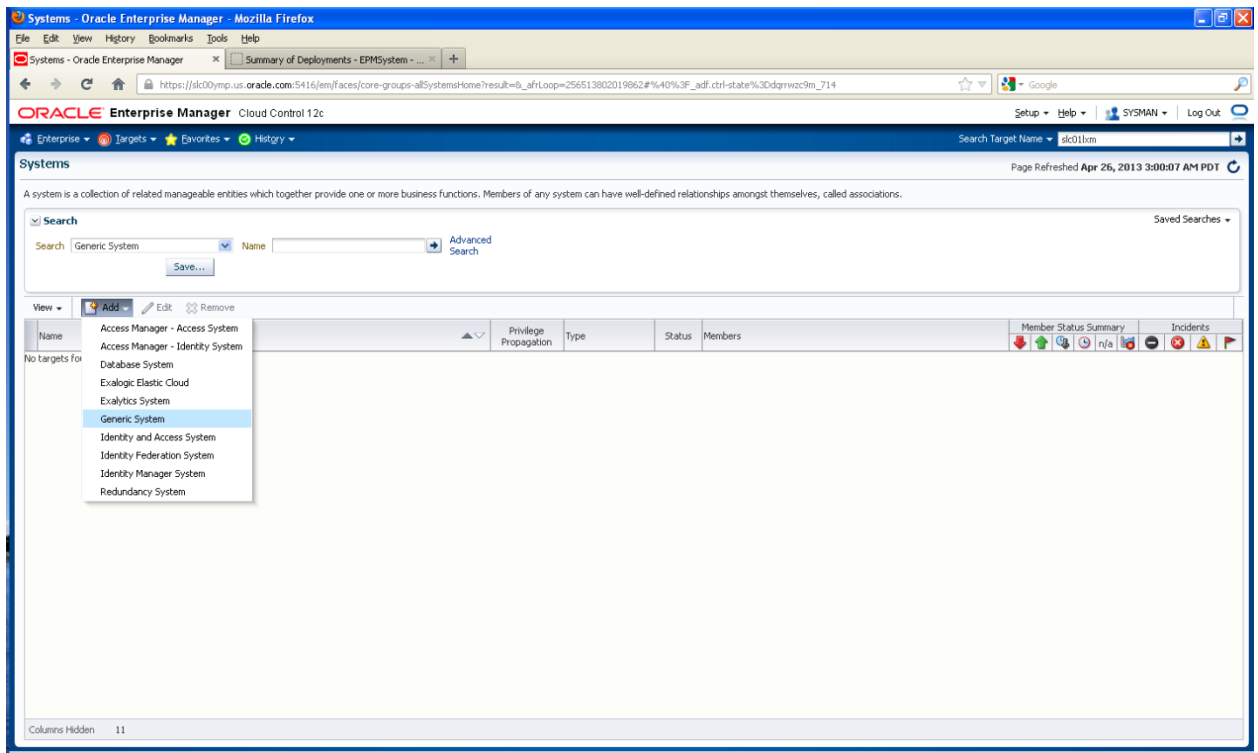
Creating Systems

You can create systems to group targets together and centrally monitor EPM System products even if they are on different hosts.

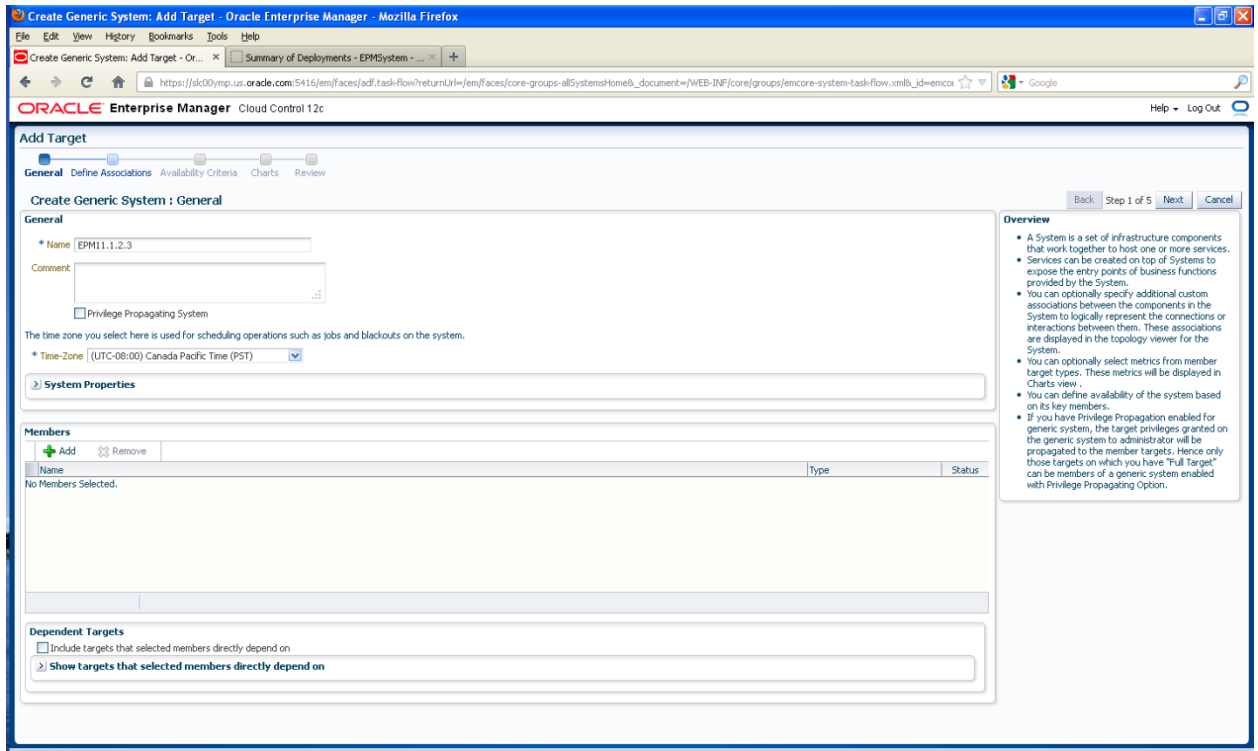
1. In Enterprise Manager, from the **Targets** menu, select **Systems**.



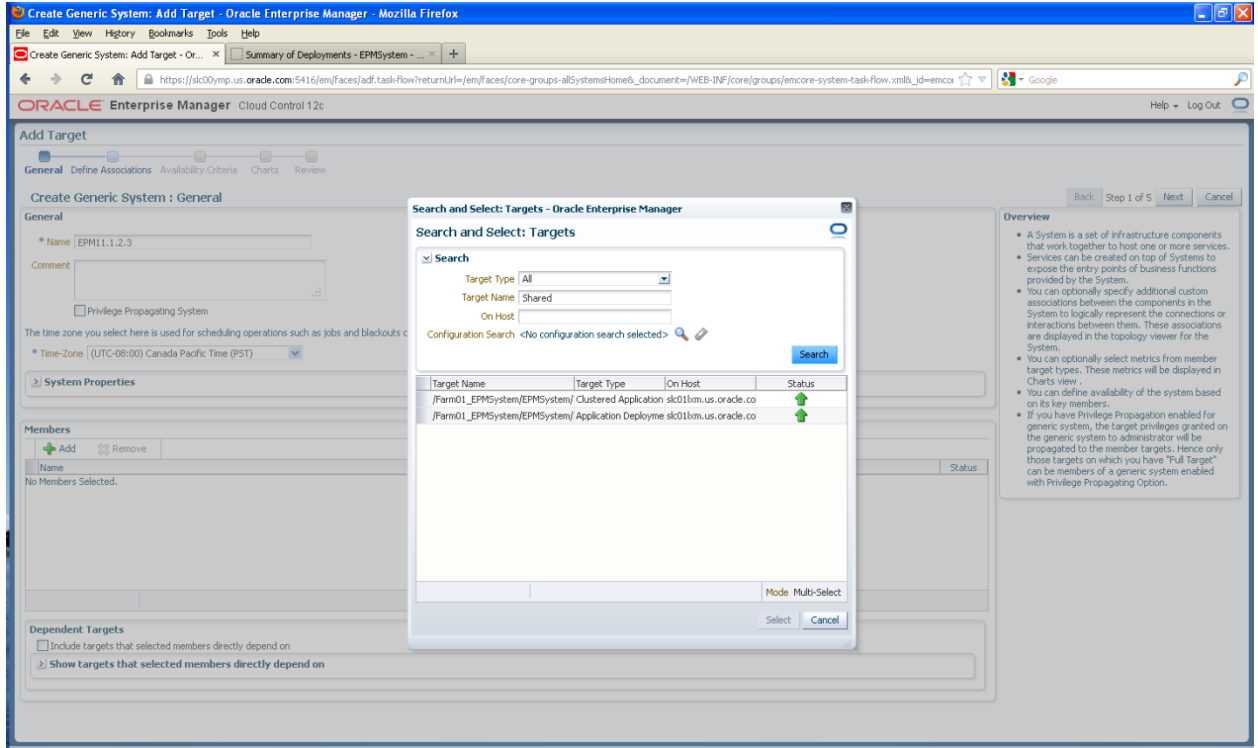
2. In the “Systems” page, from the **Add** menu, select **Generic System**.

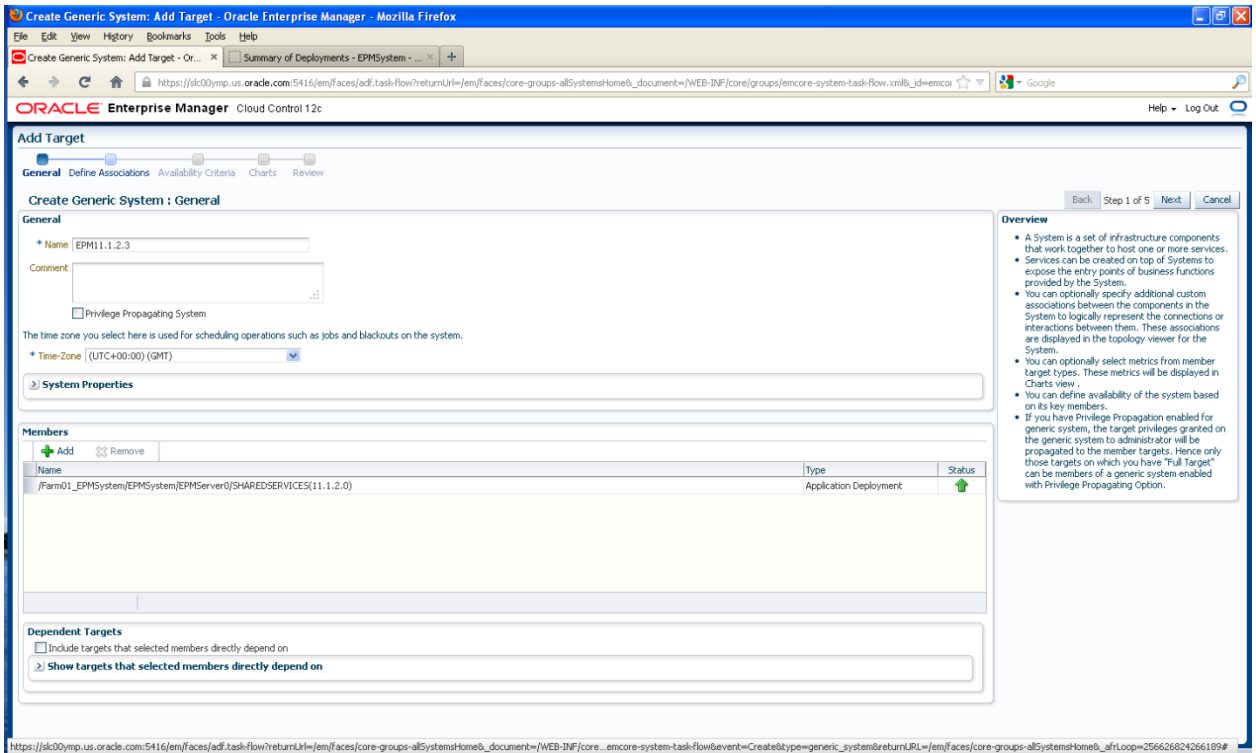


3. Specify a name for the system and then click **+ Add** to add member targets.



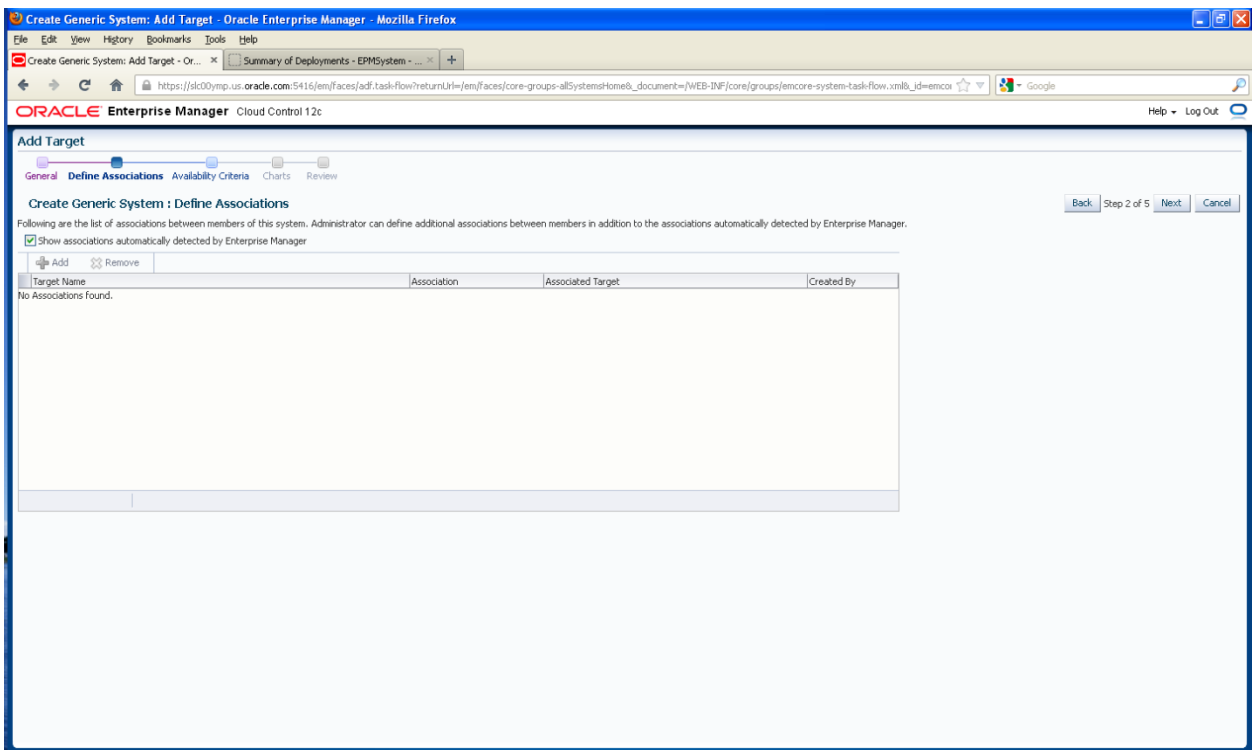
- Select the required target type for the EPM System product to be monitored from the list. The example here uses SharedServices 'Application Deployment' target.



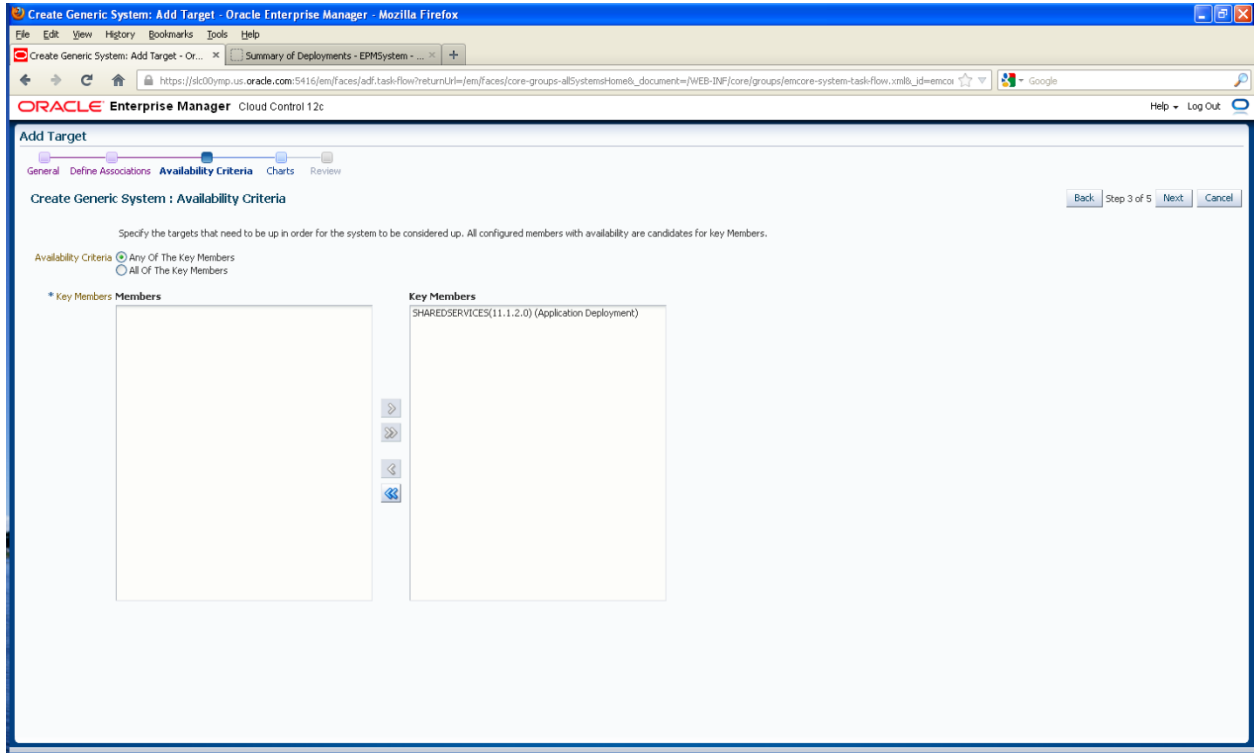


After selecting the target, click **Next** to continue.

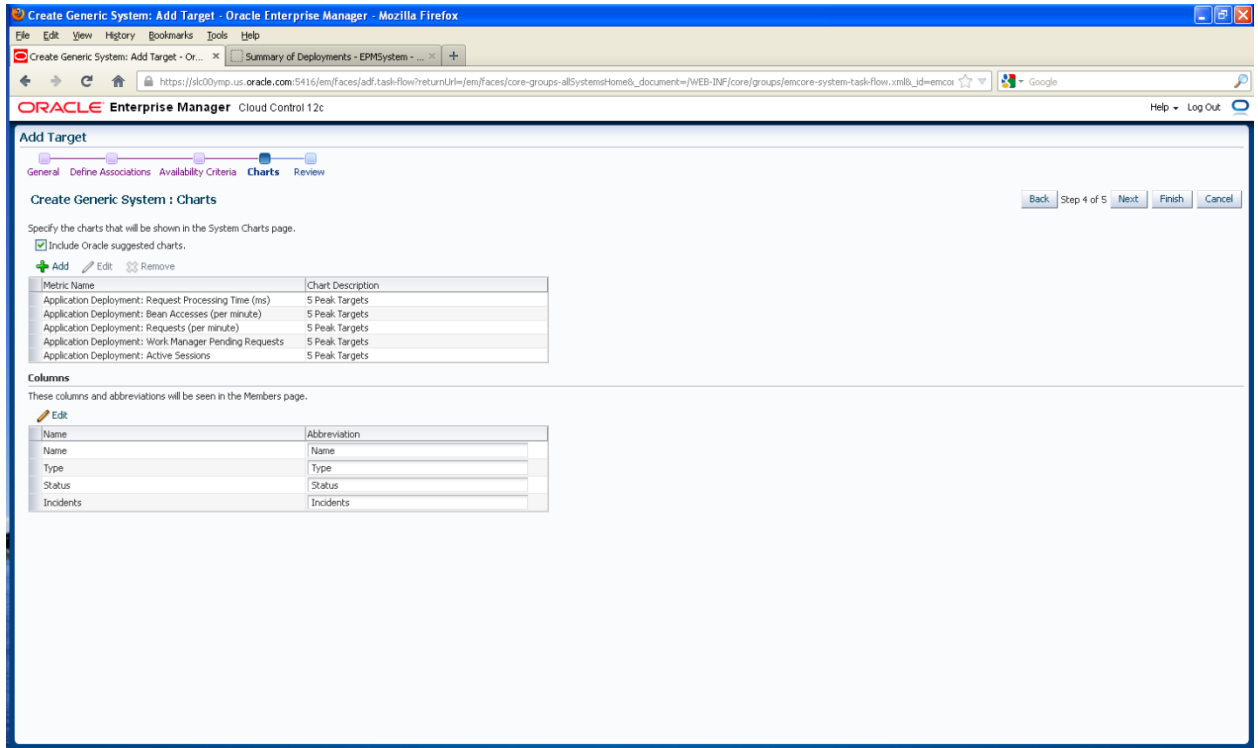
- On the "Define Associations" page, you can create target associations for the system if multiple targets are present.



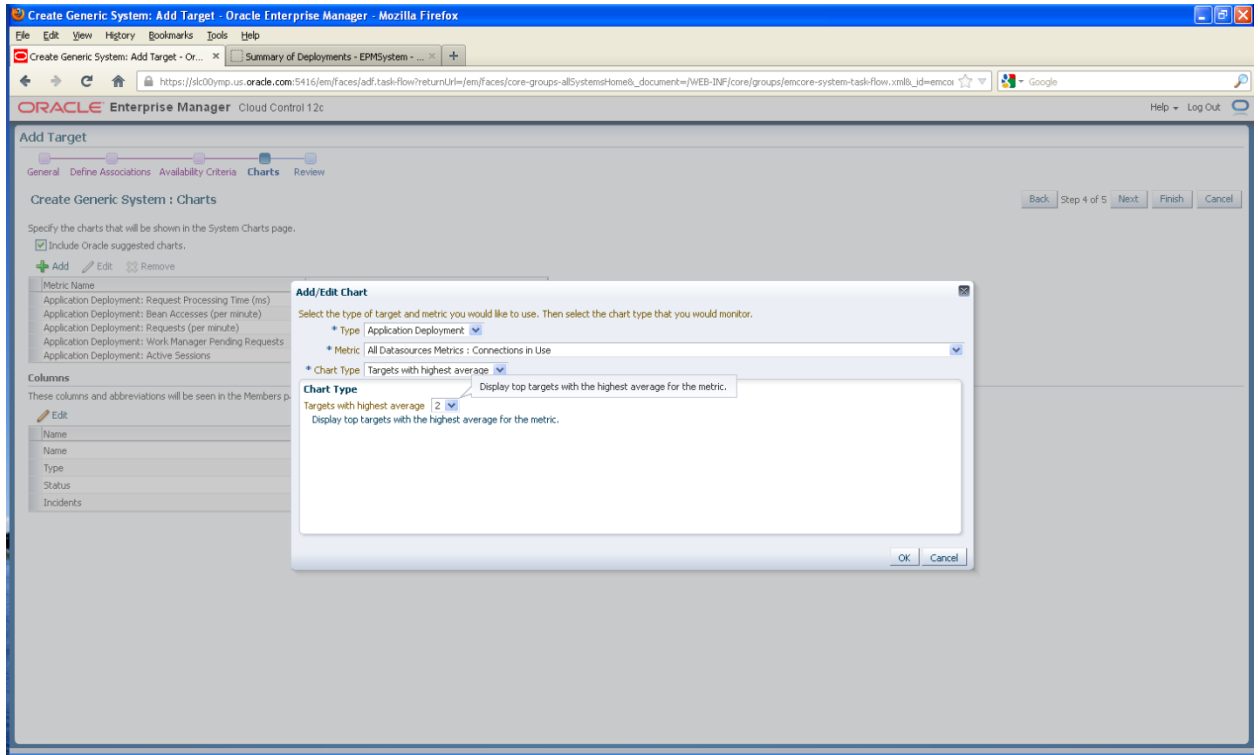
- Click **Next** and on the **Availability Criteria** page, define availability criteria for the targets in the system. The system's member targets appear in the **Members** box; move targets to the **Key Members** box and then click **Next**.



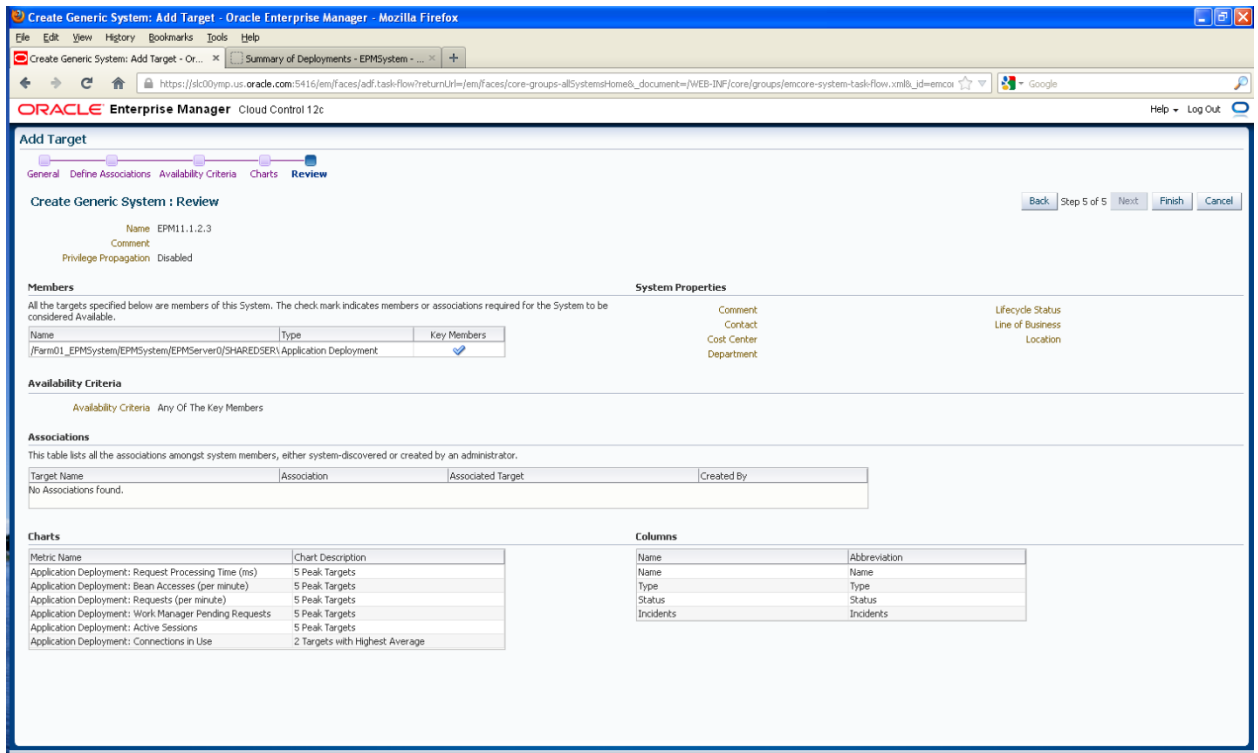
- On the "Charts" page, add or edit charts to be displayed and then click **Next**.



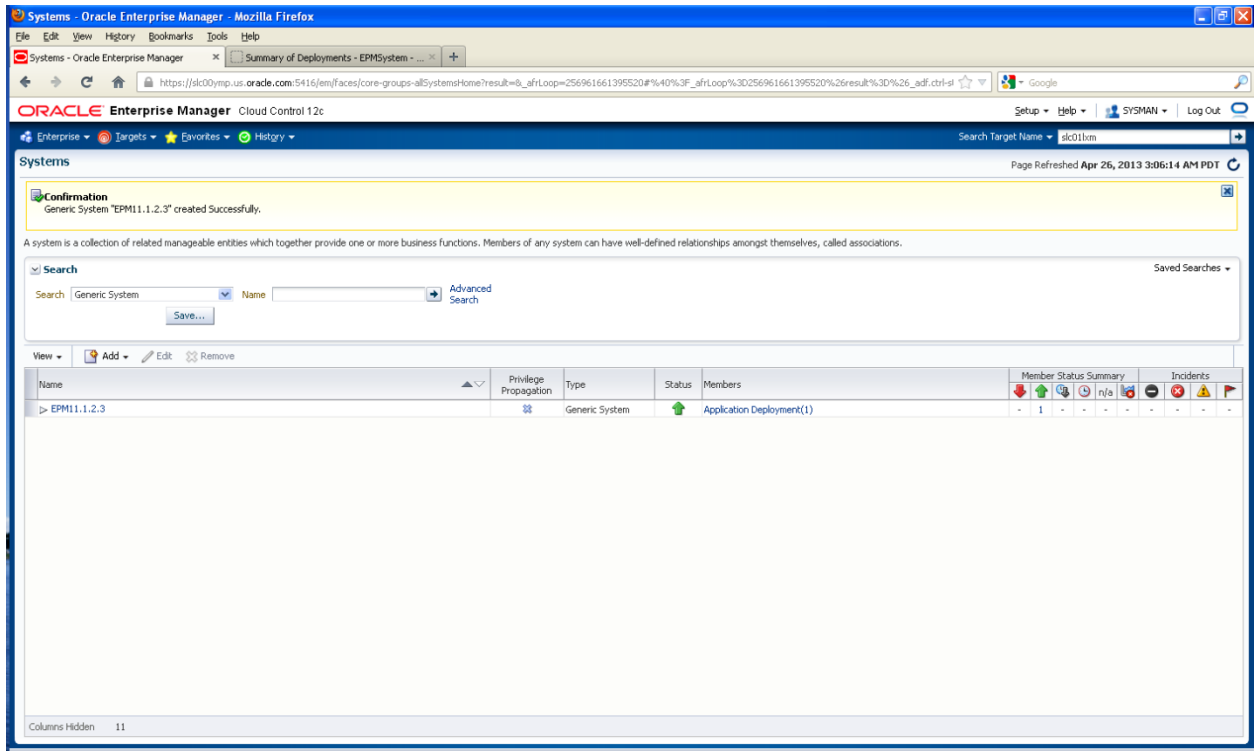
A sample chart that you can add for Application Deployment target is shown below.



8. On the "Review" page, review your inputs and then click **Finish**.



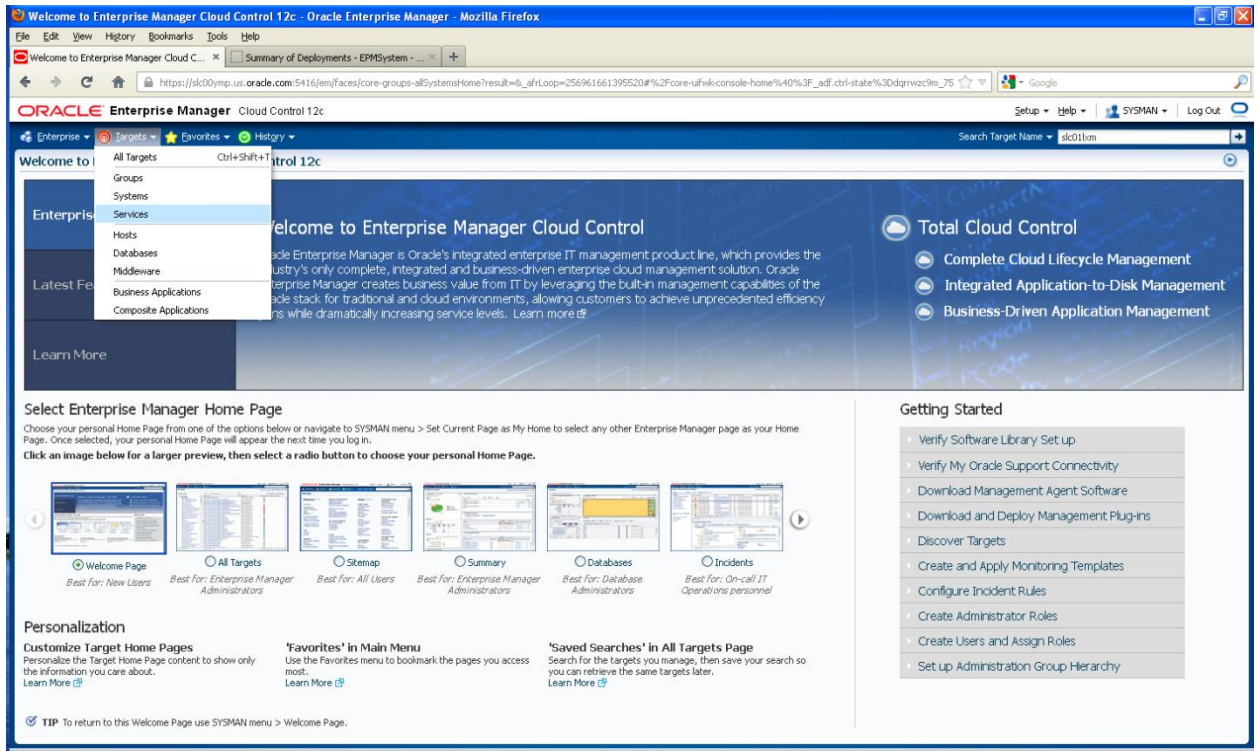
9. Review the "Confirmation" page for System creation.



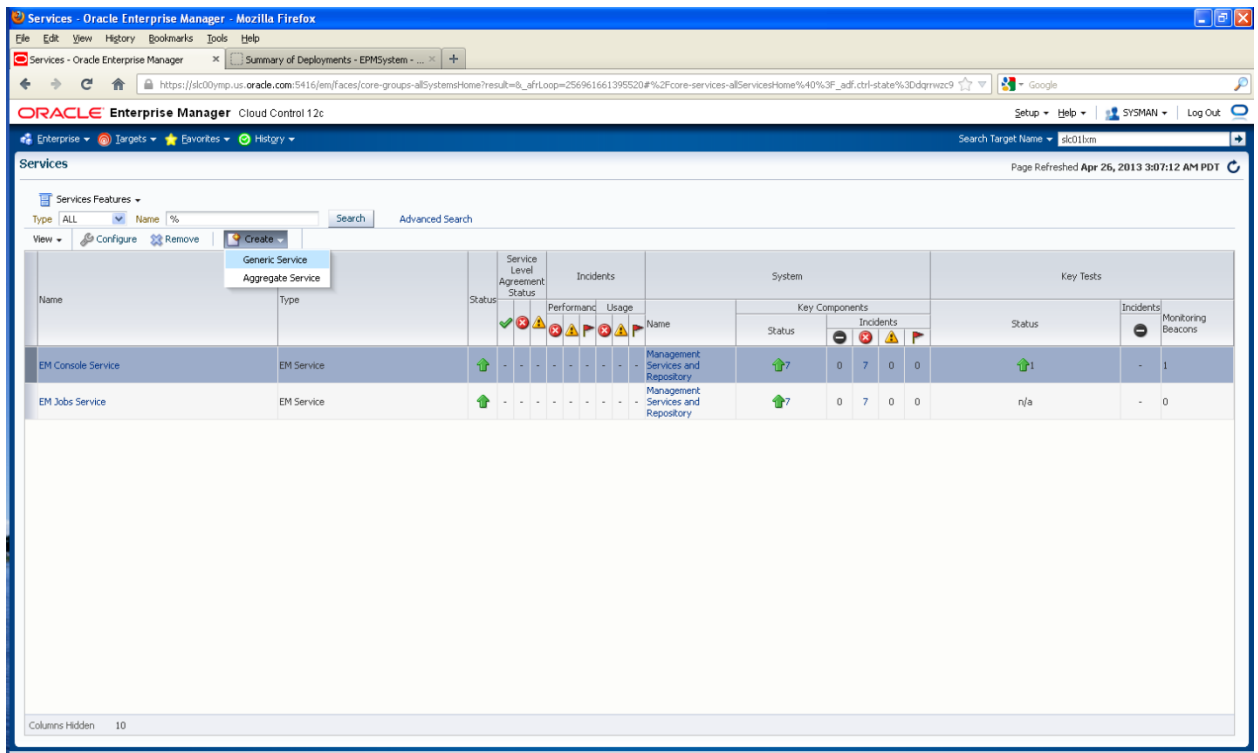
Creating Services

A Service is used to model and monitor a business process or application in Enterprise Manager. Use the following procedure to create a service to monitor the EPM System Release 11.1.2.3 System target created earlier.

1. In Enterprise Manager, from the **Targets** menu, select **Services**.



2. In the “Services” page, select **Create** and then select **Generic Service**.



- Specify a name and select a time zone for the service. Click **Select System** to add the System you created.

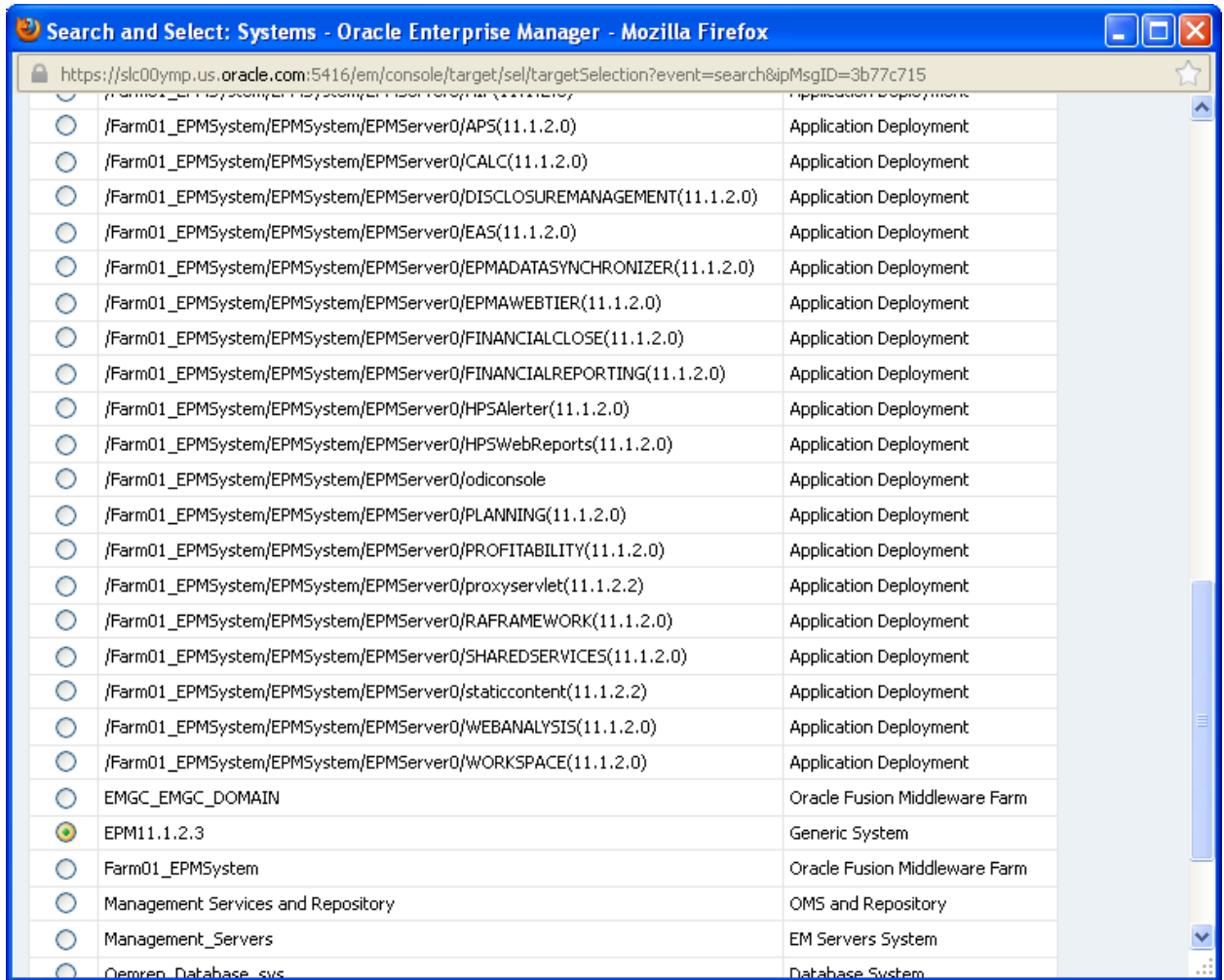
The screenshot shows the Oracle Enterprise Manager interface for creating a generic service. The page is titled "Create Generic Service: General". At the top, there are navigation tabs: General, Availability, Service Test, Beacons, Performance Metrics, Usage Metrics, and More. The "General" tab is active.

The main content area is divided into two sections:

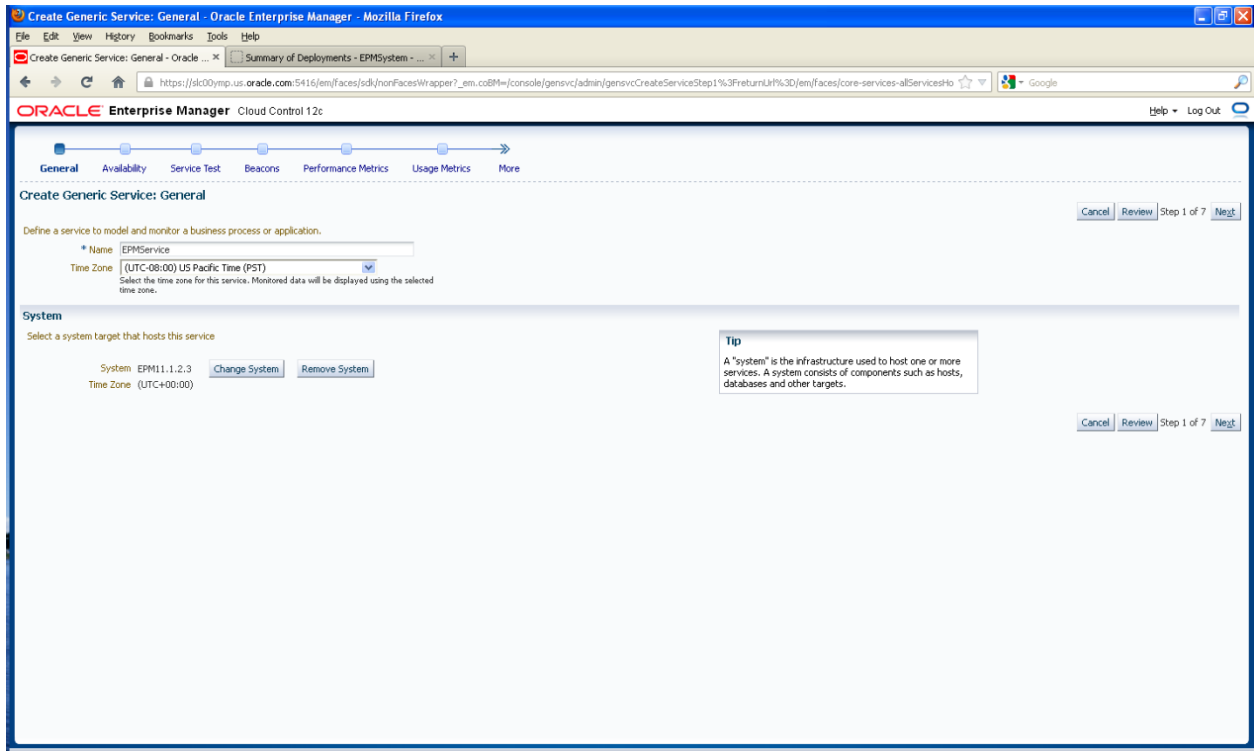
- Define a service to model and monitor a business process or application.**
 - Name: EPMSERVICE
 - Time Zone: (UTC-08:00) US Pacific Time (PST)
- System**
 - System: None
 - Time Zone:
 - A button labeled "Select System" is highlighted.

A "Tip" box is visible, stating: "A 'system' is the infrastructure used to host one or more services. A system consists of components such as hosts, databases and other targets."

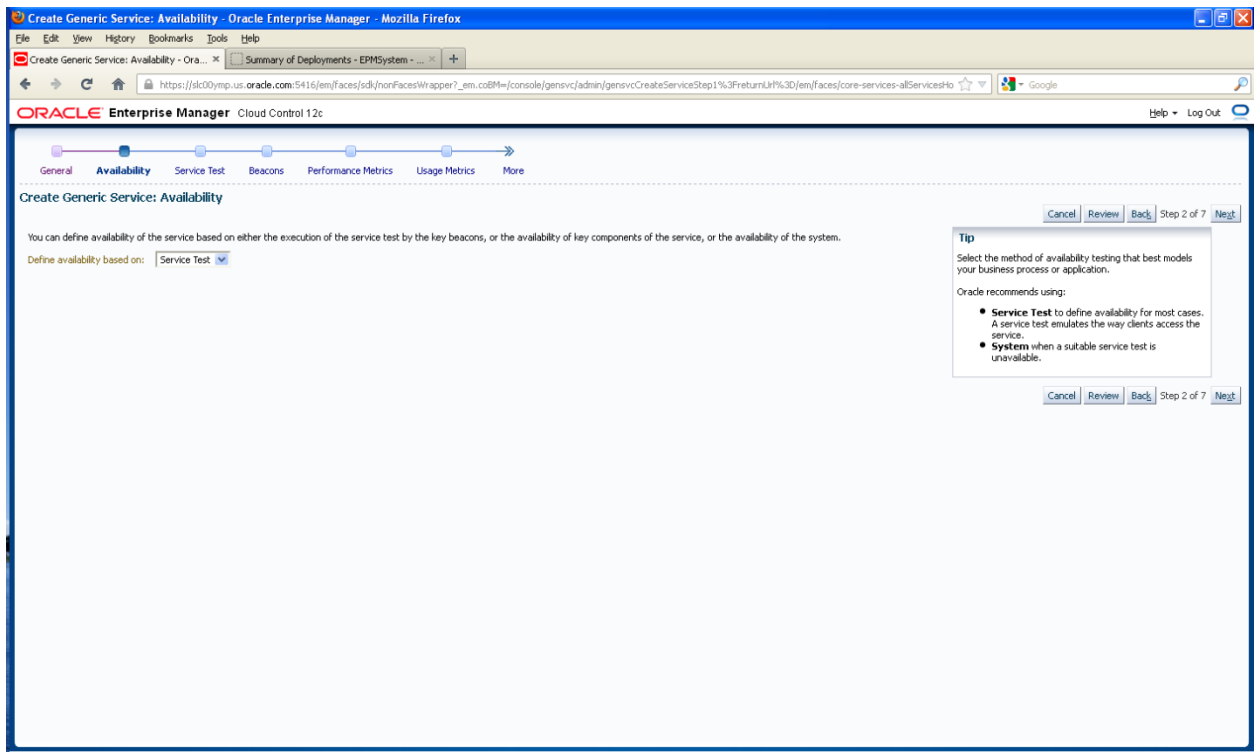
From the list of available system targets, select the system created for EPM System Release 11.1.2.3.



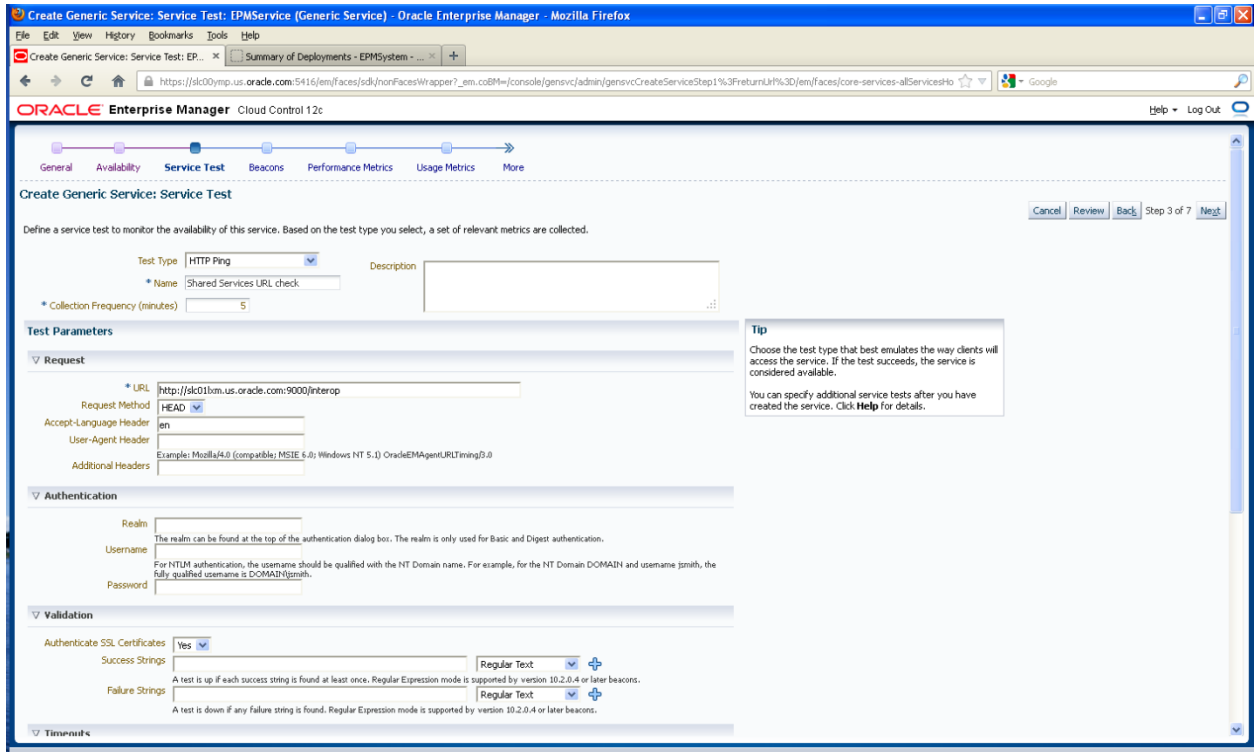
4. After selecting the system, review and then click **Next**.



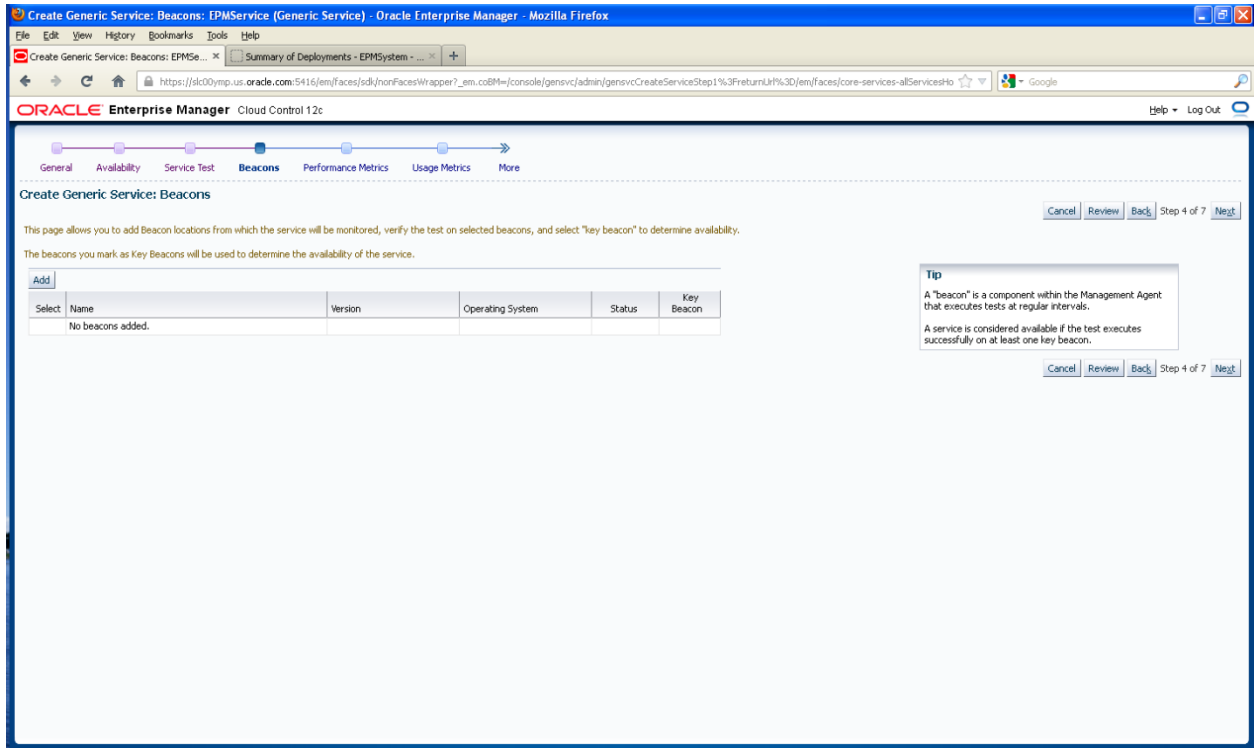
5. On the “Availability” page, define availability criteria for the service. From **Define availability based on**, select **Service Test** and then click **Next**.



- On the “Service Test” page, specify availability criteria for the target. This example defines an HTTP ping as the test using the Shared Services URL.



- On the “Beacons” page, you can add a *beacon*, which is an Enterprise Manager component that runs the test at periodic intervals. Click **Add**.



8. On the “Select Beacons” page, select **EM Management Beacon**.

The screenshot shows a web browser window titled "Select Beacons - Oracle Enterprise Manager - Mozilla Firefox". The address bar shows the URL: <https://slc00ymp.us.oracle.com:5416/em/console/target/sel/targetSelection?event=search&ipMsgID=3b77c719>. The page content includes a search section with the following fields:

- Target Type: All (dropdown menu)
- Target Name: (text input field)
- On Host: (text input field)
- Go: (button)

Below the search section, there are two links: "Select All" and "Select None". A table displays the search results:

Select	Name ▲	Type	Host	Status
<input checked="" type="checkbox"/>	EM Management Beacon	Beacon	slc00ymp.us.oracle.com	↑

At the bottom right of the table area, there are two buttons: "Cancel" and "Select".

9. On the “Beacons” page, click **Next**.

Create Generic Service: Beacons

This page allows you to add Beacon locations from which the service will be monitored, verify the test on selected beacons, and select "key beacon" to determine availability. The beacons you mark as Key Beacons will be used to determine the availability of the service.

Select	Name	Version	Operating System	Status	Key Beacon
<input checked="" type="checkbox"/>	EM Management Beacon	12.1.0.3.0	Linux		<input checked="" type="checkbox"/>

Tip
A "beacon" is a component within the Management Agent that executes tests at regular intervals. A service is considered available if the test executes successfully on at least one key beacon.

- On the "Performance Metrics" page, define performance metrics based on the test defined. Select as required and then click **Next**.

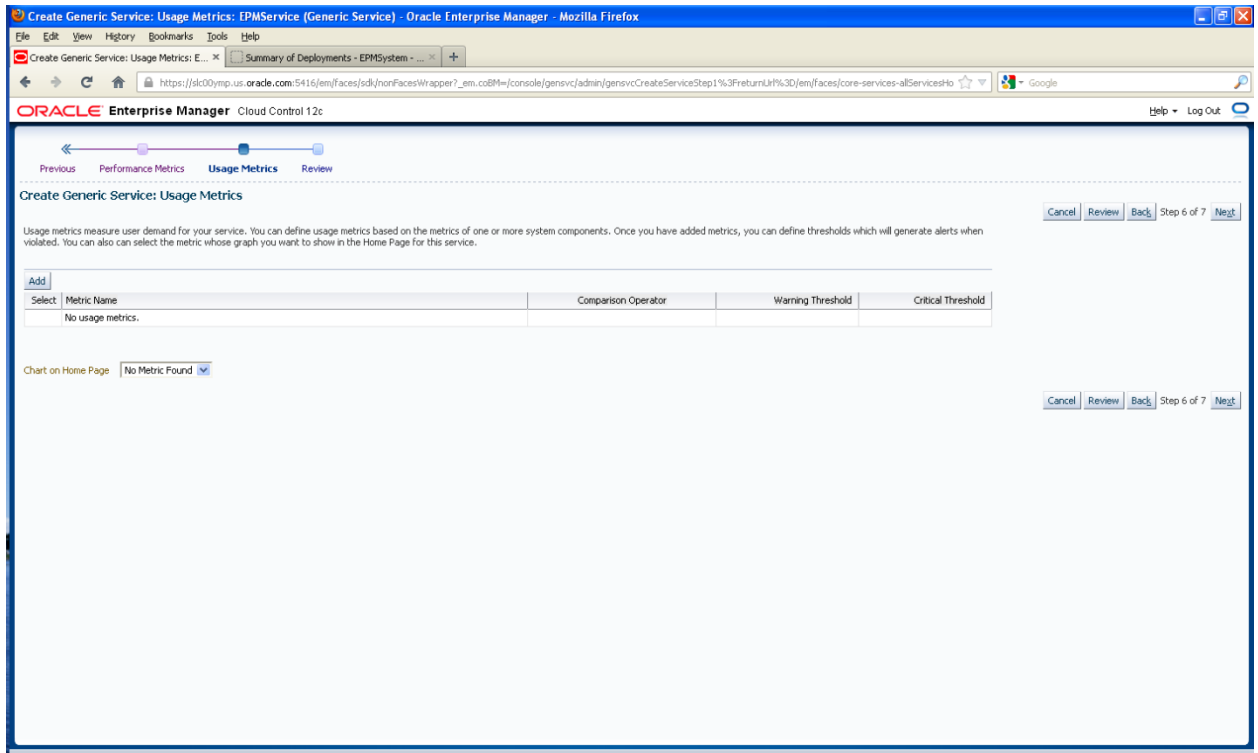
Create Generic Service: Performance Metrics

Define the metrics used to measure your service's performance. Performance metrics are based on either the service test or the system. Once you have added metrics, you can define thresholds which will generate alerts when violated. You can also select the metric whose graph you want to show in the Home Page for this service.

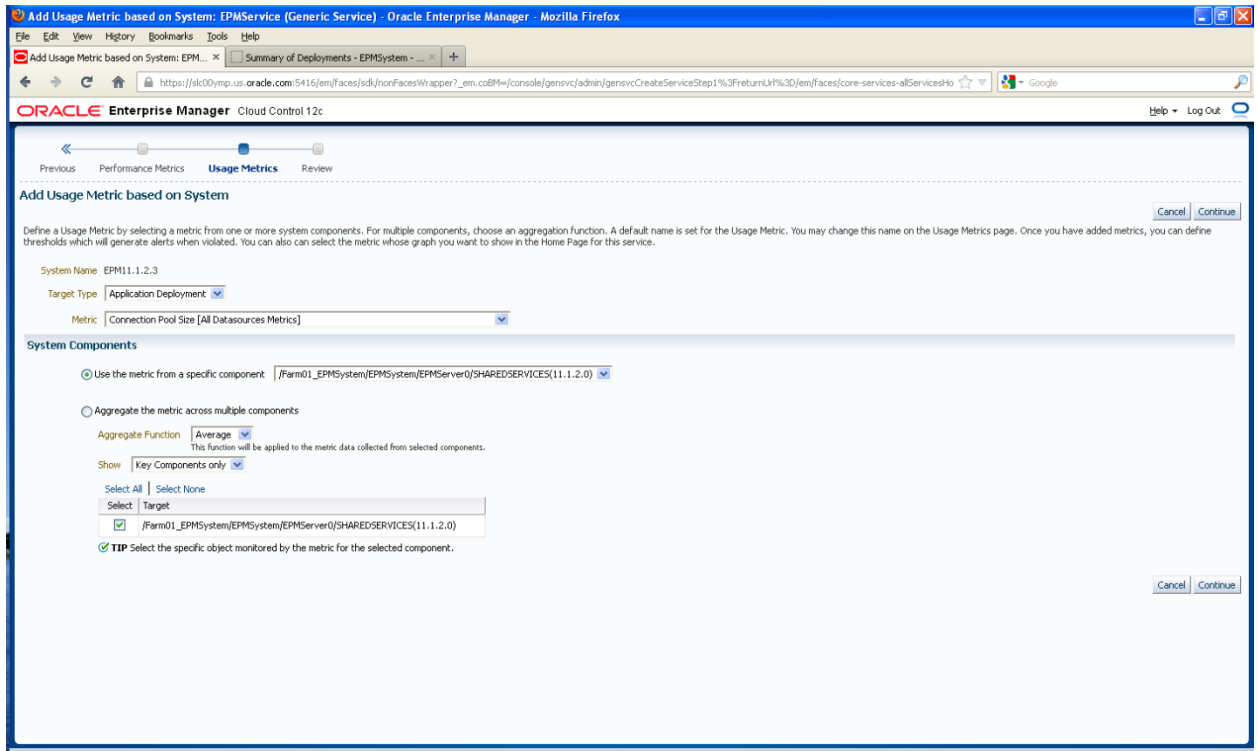
Select	Metric Name	Comparison Operator	Warning Threshold	Critical Threshold
<input checked="" type="checkbox"/>	Total Time (ms)	>=	6000	12000

Chart on Home Page: Total Time (ms)

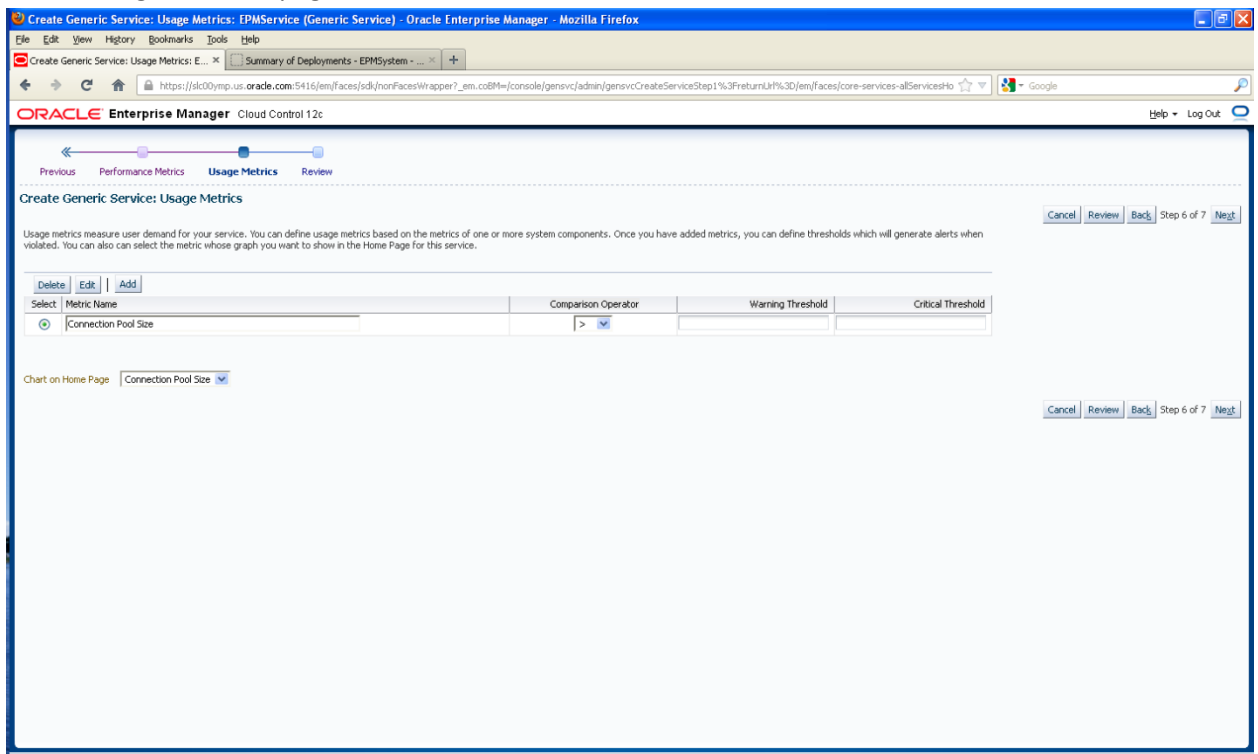
11. On the "Usage Metrics" page, define *Service Usage* metrics based on the system components metrics.



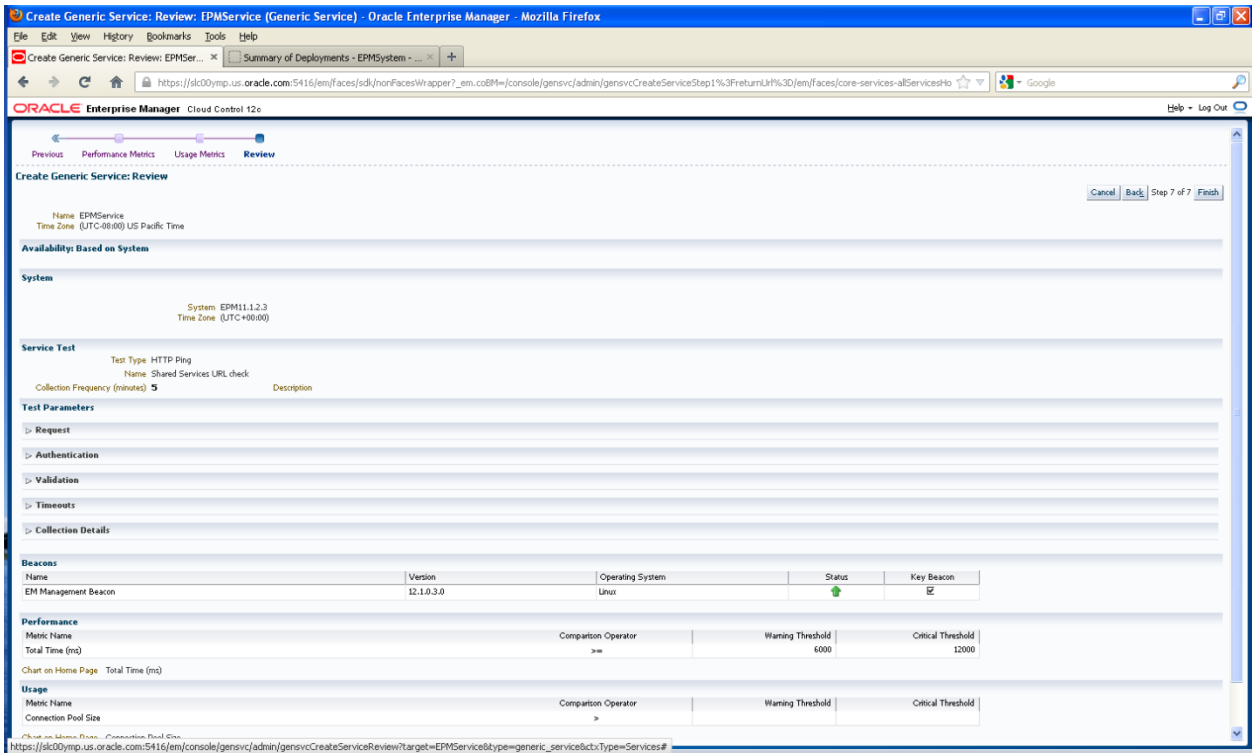
12. Click **Add** and select the metric required for the targets. The example here shows 'Connection Pool Size' for Shared Services *Application Deployment* target. After adding a metric, click **Continue**.



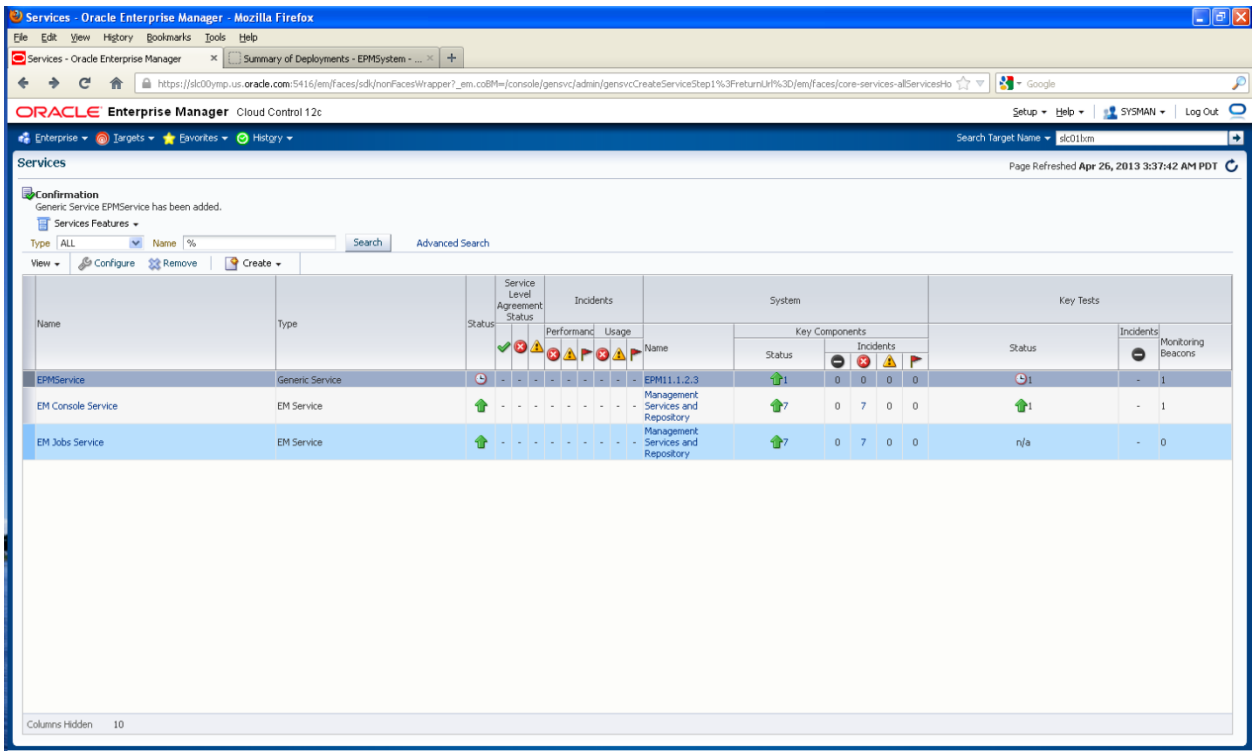
13. In the “Usage Metrics” page, click **Next**.



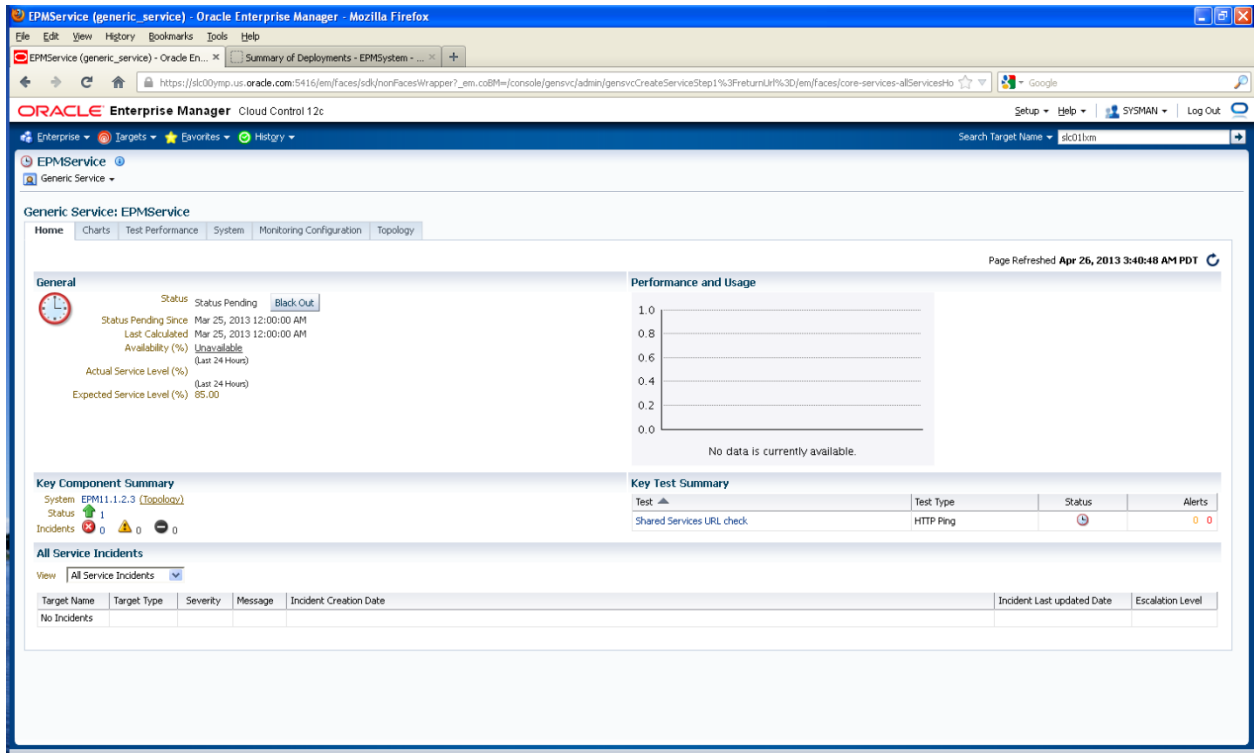
14. On the “Review” page, review your inputs, and then click **Finish**.



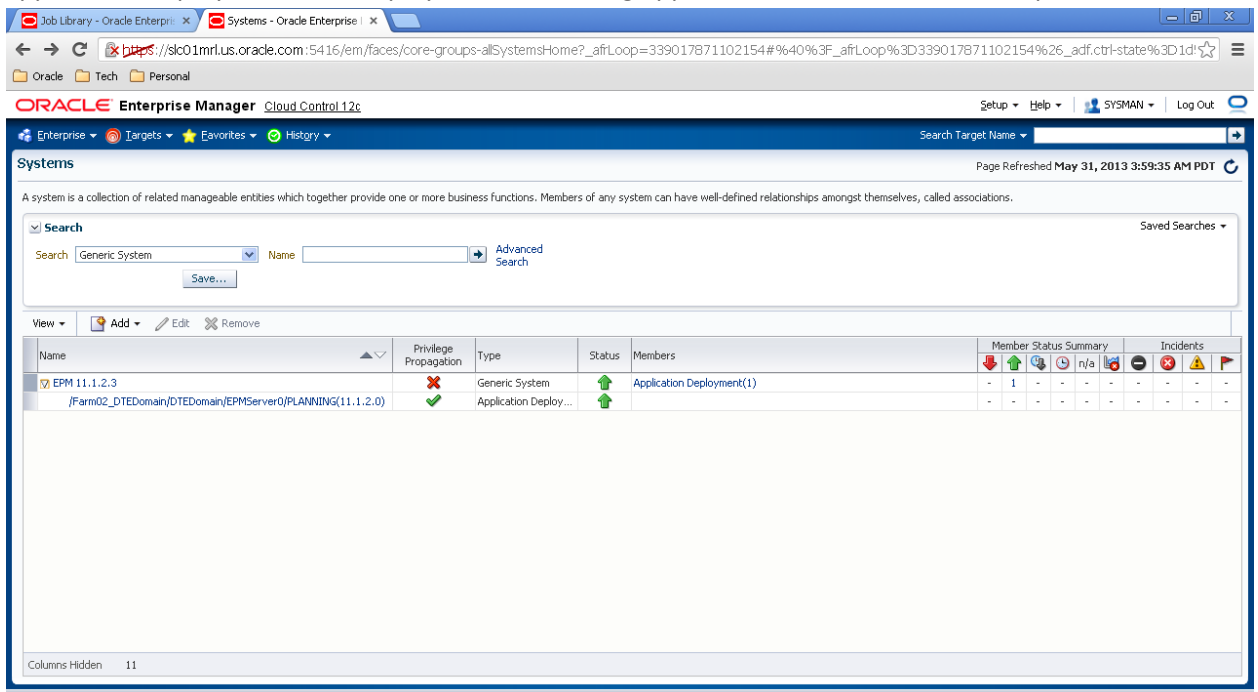
15. On the "Confirmation" page, review the service addition.



16. By clicking the service target, you can monitor the system’s availability and performance metrics, configuration, and so on from Enterprise Manager.



17. Click the system that you created earlier to see its performance metrics and log messages. In this example: Expand the “EPM 11.1.2.3” system. The member targets that are WebLogic Application Deployments are displayed. The Planning application is shown in this example.



- Click the member target's link to see the home page for the member target with a performance summary, Start Up and Shut down controls, and other details.

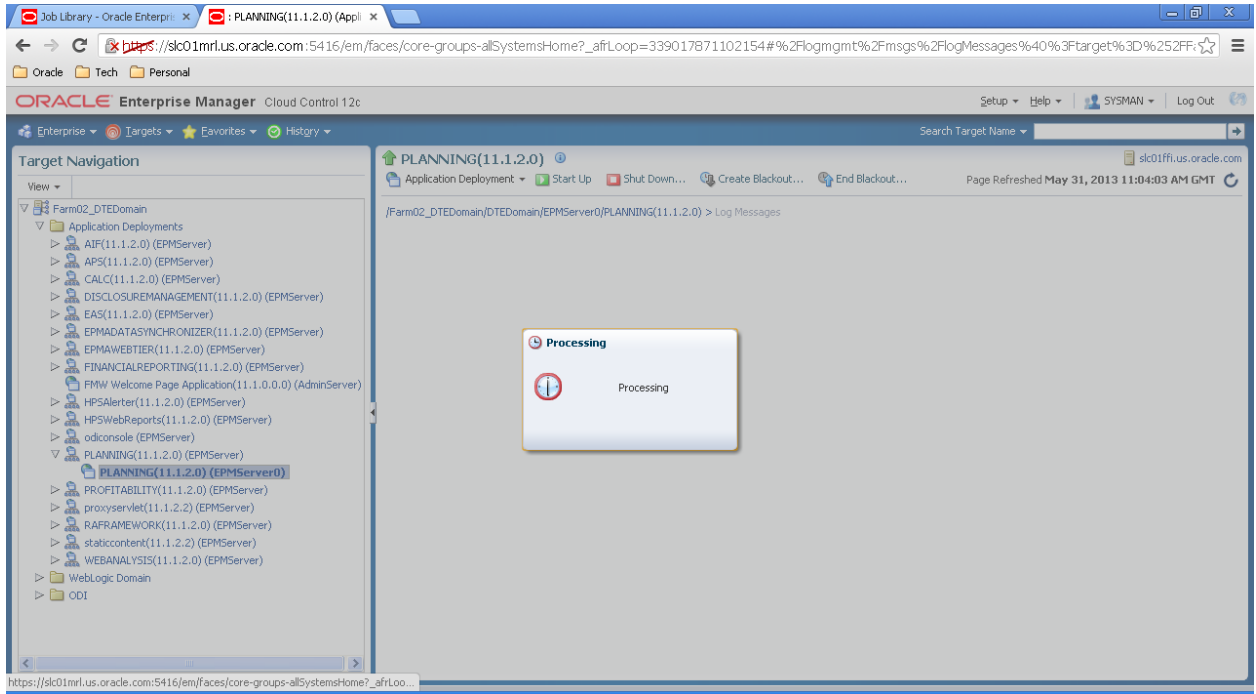
The screenshot displays the Oracle Enterprise Manager interface for the target **PLANNING(11.1.2.0)**. The left-hand navigation pane shows a tree structure under **Farm02_DTEDomain**, with **PLANNING(11.1.2.0) (EPMServer0)** selected. The main content area is divided into several sections:

- Summary:**
 - General:** Up Since: May 28, 2013 11:45:51 AM; Availability: 100 (%); Application: 11.1.2.0; Application Type: ear; Deployed On: EPMServer0.
 - Tools:** Includes links for configuration and management.
 - Monitoring and Diagnostics:** Incidents: 0; Configuration Changes: 0.
 - EBJs:** Beans in Use: 0; Bean Accesses (per minute): 0.00; Bean Access Successes (%): 0.00; Bean Transaction Commits (per minute): 0.00; Bean Transaction Rollbacks (per minute): 0.00; Bean Transaction Timeouts (per minute): 0.00; Bean Transaction Commits (%): 0.00.
 - Servlets and JSPs:** Active Sessions: 37; Request Processing Time (ms): 91; Requests (per minute): 0.60.
 - Work Manager:** Requests (per minute): 0.60; Pending Requests: 0.
- Response and Load:** A line graph showing Request Processing Time (ms) and Requests (per minute) over time (May 30, 2013).
- Most Requested (last 24 hours):** A table with columns: Name, Web Module, Dependency, Requests, Average Client, Requests (per), Total Client.

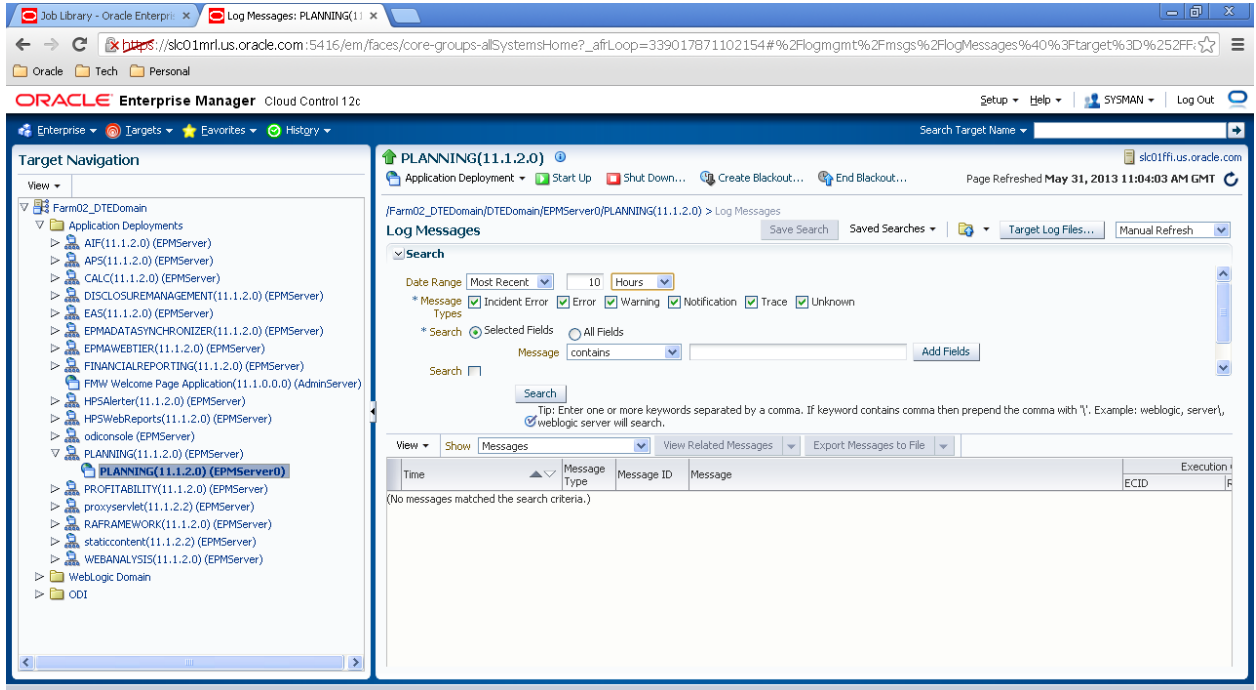
- To view logs for this member target, select **Application Deployment**, then **Logs**, and then **View Log Messages**.

This screenshot shows the same Oracle Enterprise Manager interface as above, but with the **Logs** menu option selected in the navigation pane. A sub-menu is visible, showing **View Log Messages** as the selected option. The rest of the interface, including the summary and response and load graph, remains the same.

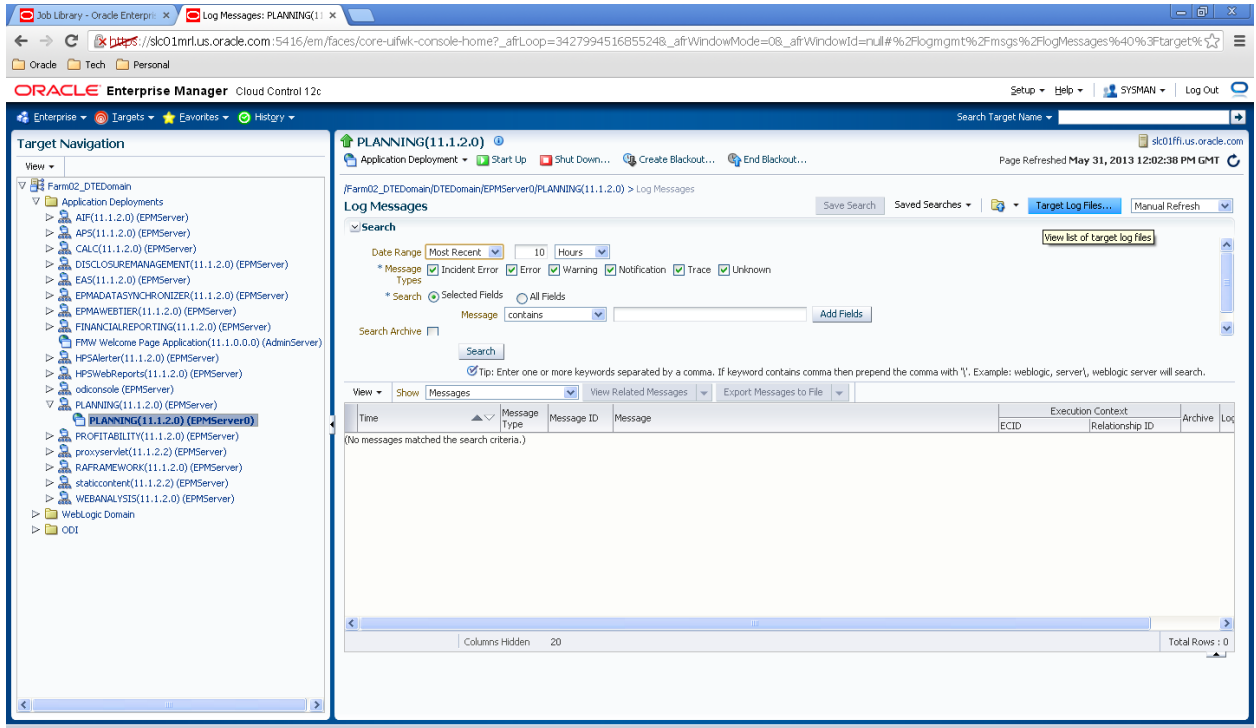
20. A "Processing" message displays before displaying Log Messages.



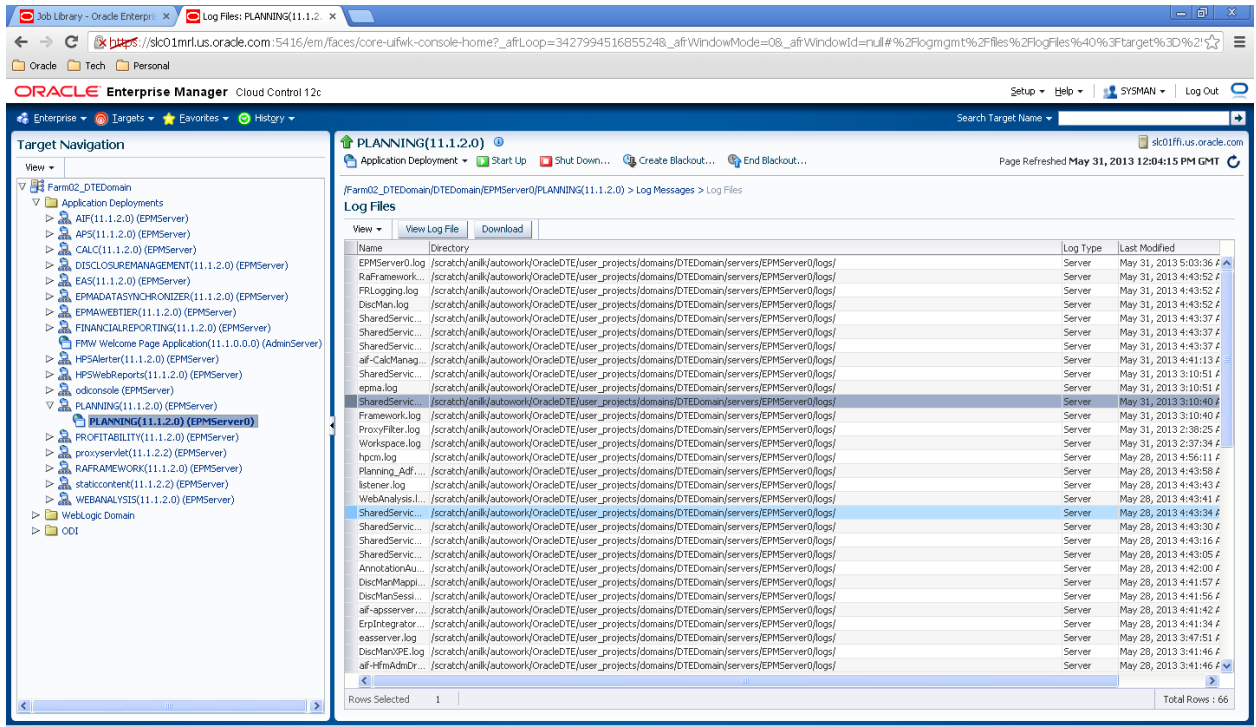
21. Select the message type and define the interval for which to query log messages for this component.



22. Click **Target Log Files...** to see log files corresponding to specific targets.



23. The resulting page lists all the log files. You can view or download a particular log file.



24. In the sample below, the **SharedServices_Security.log** is selected. Click **View Log File**.

The screenshot shows the Oracle Enterprise Manager interface. On the left, the 'Target Navigation' pane shows a tree view of targets under 'Farm02_DTEDomain'. The 'PLANNING(11.1.2.0) (EPMServer0)' target is selected. The main pane displays the 'Log Files' for this target. A table lists various log files, with 'SharedServices_Security.log' highlighted. The 'View Log File' button is visible above the table.

Name	Directory	Log Type	Last Modified
EPMServer0.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 5:03:36 P
RaFramework_stdout_console...	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:52 P
FRLogging.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:52 P
DocMan.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:52 P
SharedServices_Registry.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:37 P
SharedServices_ICM.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:37 P
SharedServices_Audit.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:43:37 P
aif-CalcManager.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:41:51 P
SharedServices_Admin.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 4:41:51 P
epma.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 3:10:51 P
SharedServices_Security.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 3:10:40 P
Framework.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 3:10:40 P
ProxyFilter.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 2:30:25 P
WorkSpace.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 31, 2013 2:37:34 P
hpcm.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:56:11 P
Planning_Adf.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:08 P
lstener.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:43 P
WebAnalysis.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:41 P
SharedServices_TaskFlow.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:34 P
SharedServices_CMClient.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:30 P
SharedServices_Hub.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:16 P
SharedServices_Audit_Client.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:43:05 P
AnnotationAudit.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:42:00 P
DocManMappingTool.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:41:57 P
DocManSessionService.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:41:56 P
aif-apseserver.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:41:42 P
ErpIntegrator0.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 4:41:34 P
eaeserver.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 3:47:51 P
DocManVtl.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 3:41:46 P
aif-HfmAdmDriver.log	/scratch/ankl/autowork/OracleDTE/user_projects/domains/DTEDomain/servers/EPMServer0/logs/	Server	May 28, 2013 3:41:46 P

25. The resulting screen shows the contents of the selected log file.

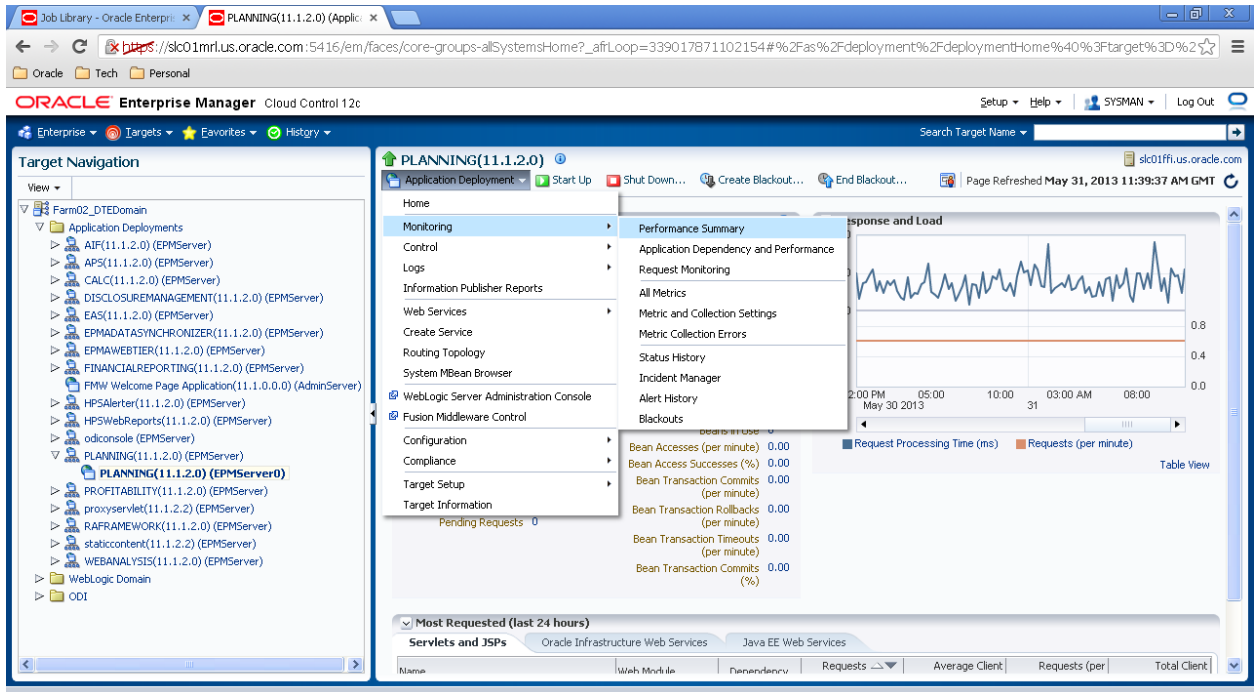
The screenshot shows the Oracle Enterprise Manager interface with the 'View Log File: SharedServices_Security.log' page. The main pane displays a table of log messages. The selected message is expanded to show its details.

Time	Message Type	Message ID	Message
May 31, 2013 2:38:56 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 2:39:01 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 2:39:06 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 2:41:35 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:04:56 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:03 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:18 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:18 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:36 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:51 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:05:57 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:06:05 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:06:12 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.
May 31, 2013 3:10:40 AM PDT	Notification	EPMCSS-00301	Failed to authenticate user. Invalid credentials. Enter valid credentials.

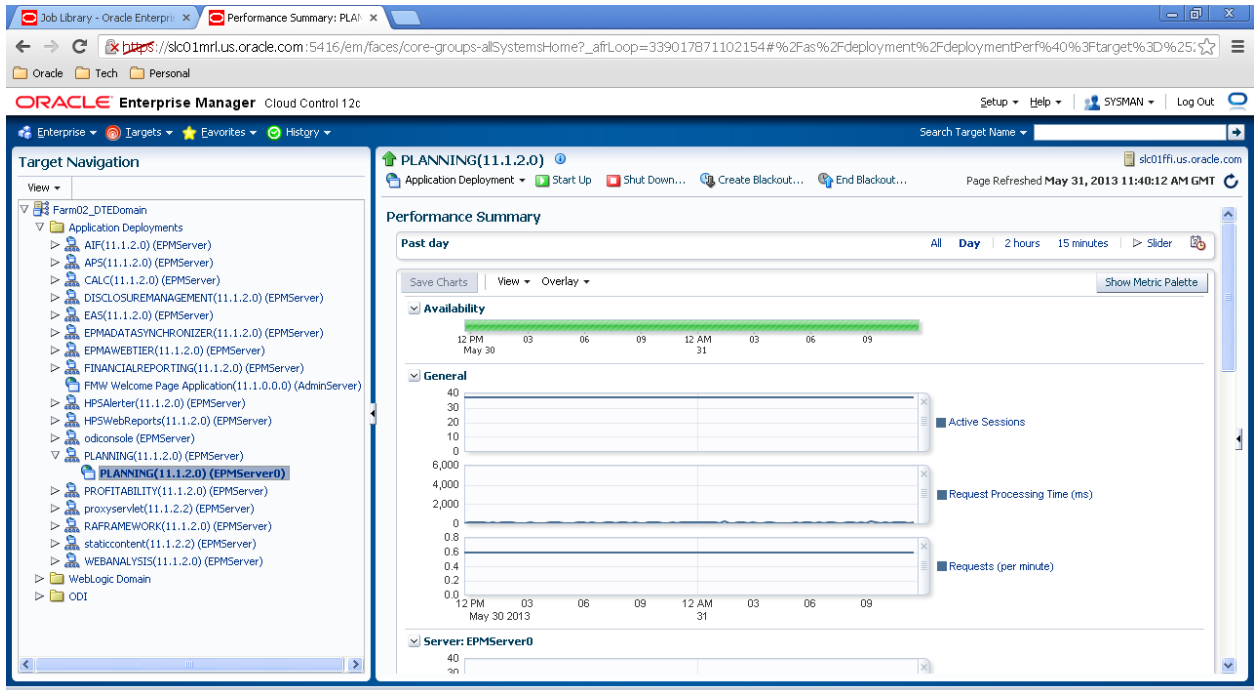
Expanded Message Details:

- Message ID: EPMCSS-00301
- Message Level: 1
- SRC_CLASS: com.hyperion.css.facade.impl.CSSAbstractAuthenticator
- SRC_METHOD: authenticateUser
- Component: EPMServer0
- Module: oracle.EPMCSS.CSS
- Host: sk01ff1
- Host IP Address: 10.240.82.92

26. You can see performance metrics by clicking **Application Deployment**, then **Monitoring**, and then **Performance Summary**.



27. The resulting page displays the metrics.



Similarly, operations, log messages and metrics can be accessed at the Domain, Server, and Application Deployment levels for EPM System products by navigating to the appropriate targets in these pages. The WebLogic Administration Server must be running for some operations such as Log Viewing, Server Start Up and Shut Down, and so on.