

# JD Edwards EnterpriseOne

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## **Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide**

9.2

## 9.2

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# Contents

<b>Preface</b>	<b>i</b>
<b>1 Introduction</b>	<b>1</b>
JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control Overview	1
Additional Information	1
Certifications	2
JDE AppPack Installer Versions	2
Obtaining Oracle Software Components from the Oracle Software Delivery Cloud	3
Compatible JDE AppPack and Cloud Control Versions	3
Server Manager for JD Edwards EnterpriseOne Overview	3
Features at a Glance	4
Features of Server Manager That Are Not Supported by Cloud Control	4
Limitations	5
Network Performance Considerations	5
Glossary of Terms	6
Deployment Architecture	9
<b>2 Installing the Database and Enterprise Manager</b>	<b>11</b>
Installing the Database and Enterprise Manager	11
Running the Oracle Database Installer	11
Post Installation Required for Database Configuration	11
Install Enterprise Manager Cloud Control	12
<b>3 Setting Up the Software Library</b>	<b>13</b>
Setting Up the Software Library within Cloud Control	13
<b>4 Importing the JD Edwards Application Pack</b>	<b>19</b>
Importing the JD Edwards Application Pack OPAR	19
<b>5 Deploying the JDE App Pack into the Management Server</b>	<b>21</b>
Prerequisites to Deploying the JDE AppPack into the Management Server	21

Deploy the JDE AppPack into the Management Server	22
<b>6 Deploying the JDE AppPack into the Management Agent</b>	<b>33</b>
Prerequisites to Deploying the JDE AppPack into the Management Agent	33
Deploying the JDE AppPack into the Management Agent	34
<b>7 Using Enterprise Manager V13.1 Cloud Control with JD Edwards EnterpriseOne</b>	<b>43</b>
Additional Information about Cloud Control	43
Using Cloud Control for the First Time	43
Accessing the Cloud Control Console	44
Cloud Control Home Page	44
Viewing the Targets	46
Adding the JD Edwards EnterpriseOne Domain	47
Navigating to the JDE EnterpriseOne Domain Home Page	53
Displaying Members of the JD Edwards EnterpriseOne Domain	60
Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)	62
Displaying the Configuration Topology	64
Navigating to the System Monitoring Dashboard	66
Monitoring Configuration	68
Viewing the Latest Configuration Data	71
Runtime Metrics (Status, User Count, and Performance)	76
Configuration Metrics for JD Edwards EnterpriseOne	79
Accessing Server Manager from Cloud Control	90
Removing the JD Edwards EnterpriseOne Domain	94
Starting and Stopping Components of Enterprise Manager Environments	96
<b>8 Using Enterprise Manager 13.2 Cloud Control with JD Edwards EnterpriseOne</b>	<b>99</b>
Additional Information about Cloud Control	99
Using Cloud Control for the First Time	99
Accessing the Cloud Control Console	100
Cloud Control Home Page	100
Viewing the Targets	102
Adding the JD Edwards EnterpriseOne Domain	103
Editing the JD Edwards EnterpriseOne Domain	108
Navigating to the JDE EnterpriseOne Domain Home Page	110

---

Displaying Members of the JD Edwards EnterpriseOne Domain	114
Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)	116
Displaying the Configuration Topology	118
Navigating to the System Monitoring Dashboard	120
Monitoring Configuration	123
Viewing the Latest Configuration Data	125
Runtime Metrics (Status, User Count, and Performance)	130
Configuration Metrics for JD Edwards EnterpriseOne	136
Accessing Server Manager from Cloud Control	149
Removing the JD Edwards EnterpriseOne Domain	154
Starting and Stopping Components of Enterprise Manager Environments	156
Using Enterprise Manager 13.2 Cloud Control with JD Edwards EnterpriseOne (Release 9.2.1 Update)	157
<b>9 Using Enterprise Manager Version 13.4 Cloud Control with JD Edwards EnterpriseOne</b>	<b>169</b>
Additional Information about Cloud Control for Enterprise Manager 13.4	169
Using Cloud Control for the First Time	169
Accessing the Cloud Control Console	170
Cloud Control Home Page	170
Viewing the Targets	172
Adding the JD Edwards EnterpriseOne Domain for Enterprise Manager 13.4	173
Editing the JD Edwards EnterpriseOne Domain for Enterprise Manager 13.4	179
Navigating to the JDE EnterpriseOne Domain Home Page	181
Displaying Members of the JD Edwards EnterpriseOne Domain	185
Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)	187
Displaying the Configuration Topology	189
Navigating to the System Monitoring Dashboard	191
Monitoring Configuration	194
Viewing the Latest Configuration Data for Enterprise Manager 13.4	196
Runtime Metrics (Status, User Count, and Performance)	200
Configuration Metrics for JD Edwards EnterpriseOne for Enterprise Manager 13.4	206
Accessing Server Manager from Cloud Control	220
Removing the JD Edwards EnterpriseOne Domain	225
Starting and Stopping Components of Enterprise Manager Environments	227
<b>10 Undeploying JDE AppPack Components</b>	<b>229</b>
Undeploying JDE AppPack Components	229

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Undeploying the JD Edwards AppPack from the Management Agent	229
Undeploying the JD Edwards AppPack from Management Servers	238
Deinstalling the Oracle database and Cloud Control	246

# Preface

Welcome to the JD Edwards EnterpriseOne documentation.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Related Information

For additional information about JD Edwards EnterpriseOne applications, features, content, and training, visit the JD Edwards EnterpriseOne pages on the JD Edwards Resource Library located at:

<http://learnjde.com>

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>Bold</b>	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
<i>Italics</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<b>Monospace</b>	Monospace type indicates commands within a paragraph, URLs, code examples, text that appears on a screen, or text that you enter.
<b>&gt; Oracle by Example</b>	Indicates a link to an Oracle by Example (OBE). OBEs provide hands-on, step-by-step instructions, including screen captures that guide you through a process using your own environment. Access to OBEs requires a valid Oracle account.





# 1 Introduction

## JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control Overview

The JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control, in this document is referred as the JDE AppPack and the Cloud Control, respectively.

The JDE AppPack allows you to use graphical user interface of the Cloud Control to monitor and manage your JD Edwards Server products. This product leverages the existing JD Edwards Server Manager functionality that monitors all entities constituting an EnterpriseOne installation. For example, the Server Manager collects real time data for user sessions, Java memory usage, JDBJ connection cache, EnterpriseOne kernel specific metrics, and prepared statement configurations.

Examples include:

- Service level management
- History and trending (usage, server metrics, uptime)
- Enhanced graphics and dashboards for administrators
- Reporting capabilities
- Single view of an organization's complete system topology, including JD Edwards EnterpriseOne, database, operating systems, non-JD Edwards EnterpriseOne applications
- Enhanced alerts for CPU and memory usage on a JD Edwards EnterpriseOne server, database usage, and overall application server usage
- JD Edwards EnterpriseOne Kernel Specific Metrics

## Additional Information

The JDE AppPack runs within the framework of Oracle Enterprise Manager Cloud Control. Therefore, as you install and use the features of Cloud Control, you may require additional information outside of what is provided in this guide.

## Oracle Enterprise Manager Cloud Control

Oracle Enterprise Manager Cloud Control is Oracle's single, integrated solution for managing all aspects of the Oracle Grid and the applications running on it. Cloud Control also allows you to manage single instances of Oracle Database, Application Server, or Collaboration Suite using standalone consoles. For documents related to the Enterprise Manager Cloud Control Patch Sets, such as the Patch Set Notes and the Bug List, refer to **My Oracle Support**.

The complete suite of Cloud Control guides is available at these links:

- *Enterprise Manager 13.1 Guide*  
[http://docs.oracle.com/cd/E63000\\_01/index.htm](http://docs.oracle.com/cd/E63000_01/index.htm)
- *Enterprise Manager 13.2 Guide*

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[http://docs.oracle.com/cd/E73210\\_01/index.htm](http://docs.oracle.com/cd/E73210_01/index.htm)

- *Enterprise Manager 13.4 Guide*

<https://docs.oracle.com/en/enterprise-manager/cloud-control/enterprise-manager-cloud-control/13.4/index.html>

## JD Edwards EnterpriseOne Tools Server Manager Guide

Server Manager for JD Edwards EnterpriseOne is a web-based application used to manage the complete lifecycle of the JD Edwards EnterpriseOne server products, specifically including the installation, configuration, and management of JD Edwards server products.

To access the Server Manager Guide for Tools Release 9.2, See *Server Manager Guide*

## Certifications

Customers must conform to the supported platforms for the release as detailed in the JD Edwards EnterpriseOne Minimum Technical Requirements. In addition, JD Edwards EnterpriseOne may integrate, interface, or work in conjunction with other Oracle products. Refer to the following link for cross-reference material in the Program Documentation for Program prerequisites and version cross-reference documents to assure compatibility of various Oracle products.

<http://www.oracle.com/corporate/contracts/index.html>

The JD Edwards Application Management Pack and Agent are supported on the same platforms where Oracle Enterprise Manager 13c is released and supported. Refer to certification information in the Oracle Enterprise Manager 13c Cloud Control Certification Checker on **My Oracle Support**. Patch sets are available on **My Oracle Support** or Oracle Technology Network.

For additional information on using Certifications, refer to this document on *My Oracle Support*:

- **Certifications FAQ for JD Edwards EnterpriseOne [Article ID 1525328.1]**

## JDE AppPack Installer Versions

Releases and versioning of the installer for the JDE AppPack are scheduled to closely follow the releases and versions of Cloud Control; however, the releases of cumulative patches will occur with each update release of JD Edwards EnterpriseOne. A full installer is provided for each version of the JDE AppPack.

When you install the full JDE AppPack, or upgrade it with a cumulative patch, you must ensure that your JD Edwards EnterpriseOne Server Manager is at the *same* release level as the JDE AppPack.

# Obtaining Oracle Software Components from the Oracle Software Delivery Cloud

All Oracle software components are downloaded from the Oracle Software Delivery Cloud at the following link:

<https://edelivery.oracle.com>

## Compatible JDE AppPack and Cloud Control Versions

The JDE AppPack for Oracle Enterprise Manager Cloud Control 13c depends on and coincides with JD Edwards EnterpriseOne 8.98.4 or greater of Server Manager. The JDE AppPack is scheduled to be versioned with new versions of Cloud Control.

## Server Manager for JD Edwards EnterpriseOne Overview

Server Manager for JD Edwards EnterpriseOne is a web-based application used to manage the complete lifecycle of the JD Edwards EnterpriseOne server products. The JDE AppPack leverages the existing JD Edwards Server Manager functionality. Server Manager is required for all JD Edwards EnterpriseOne installations running Tools Release 8.97 and later.

For the JD Edwards domain, only the combination of Server Manager 8.98.4 or greater and Tools Release 8.98.4 or greater is fully certified to support the JDE AppPack. Although not certified, it is expected that the JDE AppPack (running Server Manager and Tools Release 8.98.4 or greater) will also be functional with downstream targets running JD Edwards EnterpriseOne Tools Release 8.97. However, due to changes in configuration settings and some internal structures between releases, there may be some functionality that is not common or supported across targets running JD Edwards Tools Releases 8.97, 8.98, 9.1, and 9.2.

**Tip:** Server Manager must be used for daily administration of the JD Edwards EnterpriseOne servers. This is especially true in the area of runtime and configuration settings because Server Manager natively presents these settings in a different (user-friendly) manner than what can be displayed by the JDE AppPack. That is, although the native settings are translated into user-friendly settings by Server Manager, they are passed to Cloud Control untranslated.

## Features at a Glance

The JDE AppPack:

- Discovers and registers JD Edwards EnterpriseOne targets.
- Monitors metrics for JD Edwards EnterpriseOne targets.
- Displays configuration data in a graphical user interface that is driven by metadata.
- Creates a JD Edwards EnterpriseOne system in Cloud Control that enables you to see how all the targets in the system are related to the JD Edwards EnterpriseOne application database.
- Allows a user to create a graphical topology that displays the relationships between targets and allows you to execute selected actions on targets from this view.
- Allows a user to create a *service* that simulates a transaction, such as login and logout, to monitor the availability of an application. Using the Cloud Control Service Level Monitoring feature, you can also check the availability of a system or a feature of an application.

## Features of Server Manager That Are Not Supported by Cloud Control

The following sections provide information on subset of Server Manager functionality that is beyond the scope of standard functionality supported by Enterprise Manager Cloud Control. That is, while this information is captured and displayed within Server Manager, there might be an equivalent capture and display from within Cloud Control depending on the targets types available to your grid installation.

### jdelog.properties Logging

The display of logging for `jdelog.properties` is not supported in Cloud Control for any JD Edwards EnterpriseOne server.

### Java Environment

The display of Java Environment properties is not supported in Cloud Control for these JD Edwards EnterpriseOne servers:

- HTML Server
- DAS Server

**Note:** Although not available in the base installations of Cloud Control, this feature could be exposed depending on what Management Packs or Plug-ins are installed in Cloud Control. For example, the Diagnostics Pack for Oracle Middleware and the Diagnostic Pack for Oracle Database. Also various Host Server Packs and Plug-ins are available depending on host type.

## Kernel Ranges

The display of Kernel Ranges is not supported in Cloud Control for the following JD Edwards EnterpriseOne server:

- Enterprise Server

## Disk Space Usage

The display of Disk Space Usage is not supported in Cloud Control for the following JD Edwards EnterpriseOne server:

- Enterprise Server

**Note:** Although not available in the base installations of Cloud Control, this feature could be exposed depending on what Management Packs or Plug-ins are installed in Cloud Control. For example, the Diagnostics Pack for Oracle Middleware and the Diagnostic Pack for Oracle Database. Also various Host Server Packs and Plug-ins are available depending on host type.

## Limitations

This section discusses these topics:

- *Cloud Control Web App Services*

## Cloud Control Web App Services

In order to provide complete functionality, Cloud Control assumes a Management Agent is installed on each target. The function of the agent enables a wide range of Cloud Control-defined services and functionality to run within the Cloud Control framework. However, for the JDE AppPack, since the Management Agent is not required to be installed on each JD Edwards EnterpriseOne target, only a subset of Cloud Control Services is supported. That subset is confined to the Web App Services of Cloud Control.

## Network Performance Considerations

If your network uses DHCP servers to manage network IP addresses, and your Cloud Control and Server Manager machines are not on the same local subnet, for performance reasons you may want to consider adding explicit IP addresses into the IP address mapping is available in the DNS database, the Hosts or Lmhosts file, or the WINS database. You may need to reboot the machine on which you modify an IP address file.

## Glossary of Terms

This section describes common terms used in this guide.

### Administrator Account

Administrator accounts provide users permission to perform administrative tasks and access administrative information. You can set up multiple administrator accounts to have its own roles, privileges, and notification rules. There are two types of administrator accounts: Super Administrator and Administrator.

### Alerts

Indicates a potential problem; either a warning or critical threshold for a monitored metric has been crossed. An alert can also be generated for various target availability states. Cloud Control provides various options to respond to alerts. Administrators can be automatically notified when an alert triggers and can set up corrective actions to resolve an alert condition automatically.

### Beacon

A special target installed on an agent that runs a defined service test and reports the results to the Oracle Management Service to determine the status and performance of a service.

### Corrective Actions

Corrective actions allow you to specify automated responses to alerts and policy violations.

### Dashboard

Presents information using intuitive icons and graphics that let you spot recent changes and quickly identify and respond to problems.

### Discovery Process

The discovery process identifies and registers targets in Cloud Control so that they can be monitored and managed from the Cloud Control console. Targets are discovered one host at a time.

# Enterprise Manager Cloud Control 13c

The Oracle Enterprise Manager Cloud Control 13c is a web-based user interface for centrally managing your entire computing environment. From the Cloud Control, you can monitor and administer your entire computing environment from one location on the network. All the services within your enterprise, including hosts, databases, listeners, application servers, HTTP Servers, and Web applications, are easily managed as one cohesive unit.

## Management Agent

The Management Agent is responsible for monitoring all targets on the host, for communicating that information to the middle-tier Management Service, and for managing and maintaining the host and its targets.

## JD Edwards EnterpriseOne System

A group of targets that are associated with one JD Edwards EnterpriseOne domain.

## JD Edwards EnterpriseOne Global Unique Identifier (GUID)

A unique identifier that ties each target together and defines it as a system. The GUID is generated and resides at the database layer. During the discovery process, the application server connects to the JD Edwards EnterpriseOne application database and retrieves the GUID.

## Managed Targets

Management Agents monitor and perform administrative functions on managed targets in your enterprise. Targets include but are not limited to Databases, Application Servers, Listeners, and Third-party Applications.

## Management Repository

This is an Oracle database that contains all the available information about administrators, targets, and applications managed within Cloud Control. Captured data is uploaded to the repository through the Oracle Management Service. The Repository organizes the data and makes it available for data retrieval-allowing the data to be shared between any administrators accessing the Cloud Control console.

## Oracle Management Agent (OMA)

A process deployed as binaries on each of the monitored hosts. It is responsible for monitoring all targets in the host, communicating the information to the middle-tier management service, and managing and maintaining the host and its targets.

The Oracle Management Agent on a host collects host configuration information for the host and database configuration information for the Oracle Databases on the host and client configuration information and communicates that information over HTTPS to the Oracle Management Service, which stores it in the Oracle Management Repository.

## Oracle Management Service (OMS)

A web application (J2EE-compliant) that renders the user interface for the Oracle Enterprise Manager Cloud Control console. It works with all JDE AppPack Agents to process monitoring and job information, and uses the Management Repository as its data store. The Oracle Management Service resides in the layer above an Oracle WebLogic Server. Therefore, when the Oracle Management Service is installed, it also installs the application server.

## Policies

Define the desired behavior or characteristics of systems. By using pre-configured or custom policies, automated assessments of systems and applications are performed. Through alerts, you are notified of any deviations, such as inappropriate settings or incorrect system configurations.

## Preferred Credentials

Simplify access to managed targets by storing target login credentials in the Management Repository. With preferred credentials set, users can access a target that recognizes those credentials without being prompted to log in to the target's host machine. Preferred credentials are set on a per user per target basis, thus ensuring the security of the environment.

## Roles

Enable you to group Cloud Control system and target privileges, and grant these to administrators or to other roles. Privileges give the administrator rights to perform management actions within Cloud Control. Creating roles is an easy way to grant a predefined set of privileges to a group of administrators. If you change a role, the changes are automatically propagated to all administrators who are assigned that role.



## Service

An entity that models a business process or application. Examples of services are CRM applications, online banking, and email services. You can define services by creating one or more service tests that simulate common end-user functions. Using these service tests, you can measure the performance and availability of critical business functions, receive alerts when there is a problem, identify common issues, and diagnose causes of failures.

## System

A set of targets (hosts, databases, application servers, and so on) that function together to host one or more applications or services.

## Super Administrator Account

Can manage all other administrator accounts and set up all administrator credentials. In addition, the super administrator can:

- Create privileges and roles
- Perform the initial setup of Cloud Control
- Add targets to Cloud Control
- Perform actions on targets in the system

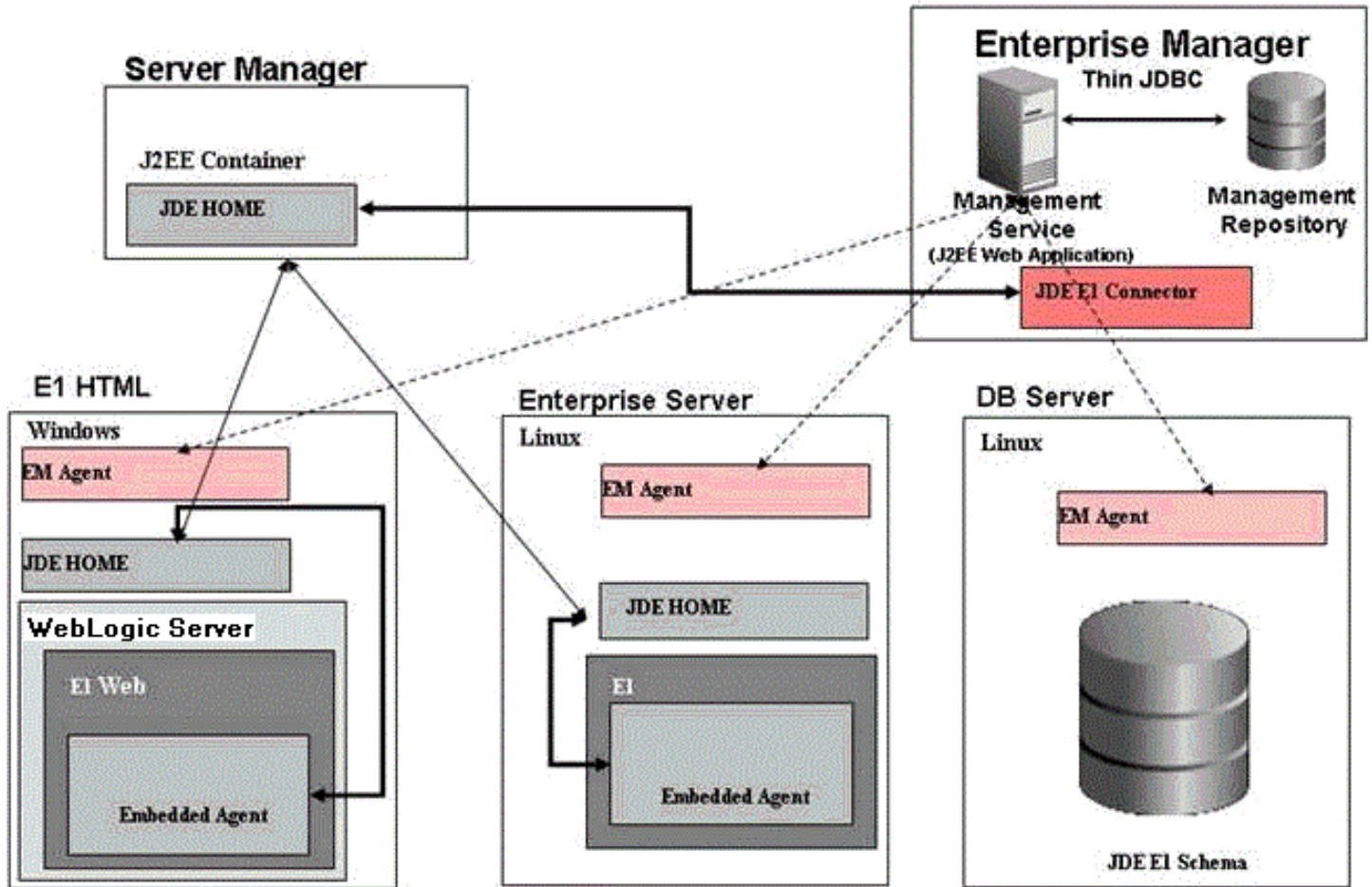
**Note:** Cloud Control is installed with a default super administrator account named SYSMAN. You use the SYSMAN account for the initial login to Cloud Control. Then, create new super administrator accounts as needed in your system.

## Topology Viewer

Enables you to view the relationships between targets within the context of a system. You can perform some management actions from this view.

## Deployment Architecture

This architectural diagram shows a conceptual view of the deployment architecture for the various operational components required to integrate existing JD Edwards EnterpriseOne functionality of Server Manager with Cloud Control:



# 2 Installing the Database and Enterprise Manager

## Installing the Database and Enterprise Manager

This chapter provides information on installing the Oracle Database and Enterprise Manager. For existing installations, refer to the Caution below. After you have reviewed the Caution, existing installations of Enterprise Manager can proceed to *Importing the JD Edwards Application Pack*.

An Oracle database must be installed that is configured exclusively for use by Enterprise Manager (see Caution below). Oracle strongly recommends that you use the OEM Oracle database installation software instructions under the direction of an Oracle DBA.

**CAUTION:** Both new and existing installation of the Oracle database must perform the procedures in the section of this chapter entitled: *Post Installation Required for Database Configuration*.

## Running the Oracle Database Installer

**Note:** This procedure assumes you have obtained the software component for the Oracle database as described in the chapter of this guide entitled: *Obtaining Oracle Software Components from the Oracle Software Delivery Cloud*.

To read more about installing Oracle Database 12c, see [https://docs.oracle.com/database/121/nav/portal\\_11.htm](https://docs.oracle.com/database/121/nav/portal_11.htm)

## Post Installation Required for Database Configuration

After you install a new Oracle database for exclusive use by Cloud Control 13c, the Cloud Control documentation recommends you configure your database using the following procedure.

1. Per requirements for Cloud Control, you must change the Oracle database init parameters.

Connected to the Oracle database as **sys** user, use this command sequence:

```
alter system set session_cached_cursors=500 scope=spfile;
alter system set remote_login_passwordfile=SHARED scope=spfile;
alter system set aq_tm_processes=1 scope=spfile;
alter system set processes=500 scope=spfile;
alter system set log_buffer=10485760 scope=spfile;
alter system set db_securefile=PERMITTED scope=both;
alter system set shared_pool_size=400M scope=spfile;
shutdown immediate
startup
```

# Install Enterprise Manager Cloud Control

To read more about installing Oracle Enterprise Manager Cloud Control 13c, refer these resources:

- *Enterprise Manager 13.1 documentation*

[http://docs.oracle.com/cd/E63000\\_01/index.htm](http://docs.oracle.com/cd/E63000_01/index.htm)

- *Enterprise Manager 13.2 documentation*

[http://docs.oracle.com/cd/E73210\\_01/index.htm](http://docs.oracle.com/cd/E73210_01/index.htm)

- *Enterprise Manager 13.4 documentation*

<https://docs.oracle.com/en/enterprise-manager/cloud-control/enterprise-manager-cloud-control/13.4/embasc/>

**Note:** If the installation fails for some reason, review the log files listed in *Oracle® Enterprise Manager Cloud Control Advanced Installation and Configuration Guide* .

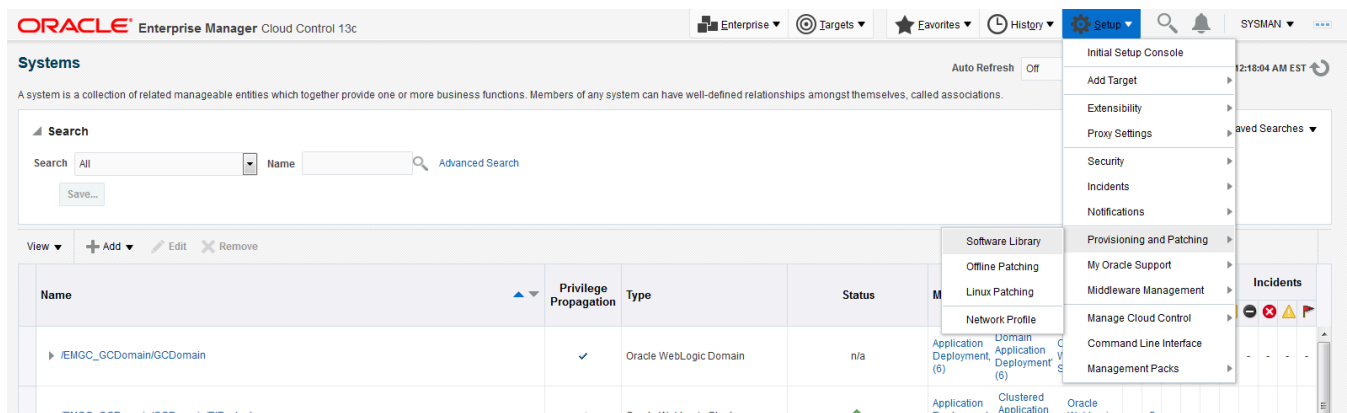
# 3 Setting Up the Software Library

## Setting Up the Software Library within Cloud Control

This section describes the procedure to set up the software library into Oracle Enterprise Manager Cloud Control. This step is required before you can import the JD Edwards EnterpriseOne Application Pack, which is described in the next chapter of this guide: *Importing the JD Edwards Application Pack*.

To set up the Software Library within Cloud Control:

1. From the Cloud Control Home Page, navigate to Setup, Provisioning and Patching, Software Library.



2. On Software Library: Administration, click the **Add** button.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface for the Software Library Administration page. The page title is "Software Library: Administration" and it includes a breadcrumb "Software Library > Software Library: Administration". A sub-header indicates the purpose: "The administration console enables you to configure and administer the Software Library storage locations and cache nodes." There are three tabs: "Upload File Locations" (selected), "Referenced File Locations", and "Cache Nodes".

Configuration options include "Storage Type" set to "OMS Shared File System" and a note to "Configure file system locations on the OMS hosts. Make sure the locations are accessible by all the OMS instances, typically mounted or shared locations. You can optionally configure the common credential to be used by the Software Library for reading/writing from/to a location."

The "Actions" menu is open, and the "+ Add..." button is highlighted with a red box. Other options include "View", "Edit...", and "Migrate and Remove".

Name	Status	Location	Associated Entities	Credential	Total Space	Available Space	Used Space	Deleted Entities Used Space	Last Refreshed
default_loc	Inactive	/u01/Oracle/swlib/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	1.02 GB	0 Bytes	Dec 3, 2015 7:46:17 PM EST
default_loc1	Inactive	/u01/Oracle/swlib1/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	0 Bytes	0 Bytes	Dec 3, 2015 7:46:17 PM EST
swlib2	Active	/u01/Oracle/swlib2/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	24.85 MB	24.85 MB	Dec 3, 2015 7:46:17 PM EST

**3.** On the Add OMS Shared Filesystem Location, complete these fields:

- o *Name*

Provide a name for the Software Library. For example:

**swlib2**

- o *Location*

Provide a file system location. The location should be accessible from all Oracle Management Service (OMS) instances. For example:

`/u01/Oracle/swlib2/`

**Oracle Enterprise Manager Cloud Control 13c**

**Software Library: Administration**

The administration console enables you to configure and administer the Software Library storage locations and cache nodes.

Upload File Locations | Referenced File Locations | Cache Nodes

Storage Type: OMS Shared File System

Configure file system locations on the OMS hosts. Make sure the locations are accessible by all the OMS instances.

Actions: View | Add... | Edit... | Migrate and Remove

Name	Status	Location
default_loc	Inactive	/u01/Oracle/swlib/
default_loc1	Inactive	/u01/Oracle/swlib1/
swlib2	Active	/u01/Oracle/swlib2/

**Add OMS Shared File System Location**

Provide a name and file system location. The location should be accessible from all the OMS instances. It is recommended that a global named credential with read/write access to the location be associated. This credential will be copied into a secure system credential saved along with the location and used while transferring files.

Name \* swlib2

Location \* /u01/Oracle/swlib2/

Credential

OK Cancel

Deleted Entities Used Space	Last Refreshed
0 Bytes	Dec 3, 2015 7:46:17 PM EST
0 Bytes	Dec 3, 2015 7:46:17 PM EST
0 Bytes	Dec 3, 2015 7:46:17 PM EST

In a multi-OMS setup, set up the Normal Preferred Credentials for all the OMS instances. These credentials are used to verify the accessibility of the specified location from all the OMS instances.



- Click the OK button and wait for the processing to complete. When complete, the new software library is displayed with Status Active as shown in the following example.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface for Software Library Administration. The page title is "Software Library: Administration" and it includes navigation tabs for "Upload File Locations", "Referenced File Locations", and "Cache Nodes". Below the navigation, there are instructions on how to configure storage locations and a "Storage Type" dropdown menu set to "OMS Shared File System". A table below lists the configured storage locations with columns for Name, Status, Location, Associated Entities, Credential, Total Space, Available Space, Used Space, Deleted Entities Used Space, and Last Refreshed. The table contains three entries: "default\_loc" (inactive), "default\_loc1" (inactive), and "swlib2" (active).

Name	Status	Location	Associated Entities	Credential	Total Space	Available Space	Used Space	Deleted Entities Used Space	Last Refreshed
default_loc	Inactive	AU01/Oracle/swlib/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	1.02 GB	0 Bytes	Dec 3, 2015 7:46:17 PM EST
default_loc1	Inactive	AU01/Oracle/swlib1/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	0 Bytes	0 Bytes	Dec 3, 2015 7:46:17 PM EST
swlib2	Active	AU01/Oracle/swlib2/	<a href="#">Show</a>	<a href="#">Set Credential</a>	155.83 GB	6.63 GB	24.95 MB	24.95 MB	Dec 3, 2015 7:46:17 PM EST



# 4 Importing the JD Edwards Application Pack

## Importing the JD Edwards Application Pack OPAR

This section describes the procedure to set up the software library, and then import and deploy the JD Edwards Application OPAR into Oracle Enterprise Manager Cloud Control and to the Management Agent.

**Note:** This procedure assumes you have obtained the JD Edwards Application Pack OPAR for Oracle Enterprise Manager Cloud Control as described in the chapter of this guide: *Obtaining Oracle Software Components from the Oracle Software Delivery Cloud*. This procedure also assumes you have already set up the Software Library as described in the preceding chapter of this guide: *Setting Up the Software Library*.

To import the JD Edwards Application Pack OPAR, use the following sequence of line commands:

1. Change to the `oms/bin` directory of your Cloud Control installation. For example:

```
cd /u01/app/emgc13/oms/bin/
```

2. Enter this command to set up the import of the JD Edwards EnterpriseOne Application Pack into Cloud Control:

```
./emcli setup -url=https://denlx01:7799/em -username=sysman -password=Oracle123 -trustall
```

3. Verify the console display indicates the command was successful as shown in this example:

```
Oracle Enterprise Manager Cloud Control 13c Release 1 (13.1.0.0.0.)  
Copyright (c) 1996, 2015 Oracle Corporation and/or its affiliates. All rights reserved.
```

```
Emcli setup successful
```

4. Run this command to perform the import of the JD Edwards EnterpriseOne Application Pack OPAR into Cloud Control:

```
./emcli import_update -file=/u01/app/AddOnDevKitWork/jde_plugin/plugin_opar/13.1.1.1.0_oracle.apps.jded_2000_0.opar -omslocal
```

5. Verify the console display indicates the command was successful as shown in this example:

```
Processing update: Plug-in - Oracle Jdedwards EnterpriseOne Plugin consists of  
monitoring and management for Oracle Jdedwards EnterpriseOne system.  
Operation completed successfully. Update has been uploaded to Enterprise Manager.  
Please use the Self Update Home to manage this update.
```

At this point the import of the JD Edwards EnterpriseOne Application Pack OPAR into Cloud Control is complete.



# 5 Deploying the JDE App Pack into the Management Server

## Prerequisites to Deploying the JDE AppPack into the Management Server

You can install the JDE AppPack to the Enterprise Manager Management Server after you have installed:

- JD Edwards EnterpriseOne Server Manager 9.2

Refer to *Server Manager for JD Edwards EnterpriseOne Overview* in this guide.

- Oracle Database for Cloud Control Repository

An Oracle database must be installed for exclusive use by Cloud Control. Refer to *Installing the Database and Enterprise Manager* in this guide.

- Oracle Enterprise Manager Cloud Control

Refer to *Oracle Enterprise Manager Cloud Control* and *Installing the Database and Enterprise Manager* in this guide.

Additionally you must have already set up a Software Library as described in the chapter of this guide entitled: *Setting Up the Software Library*.

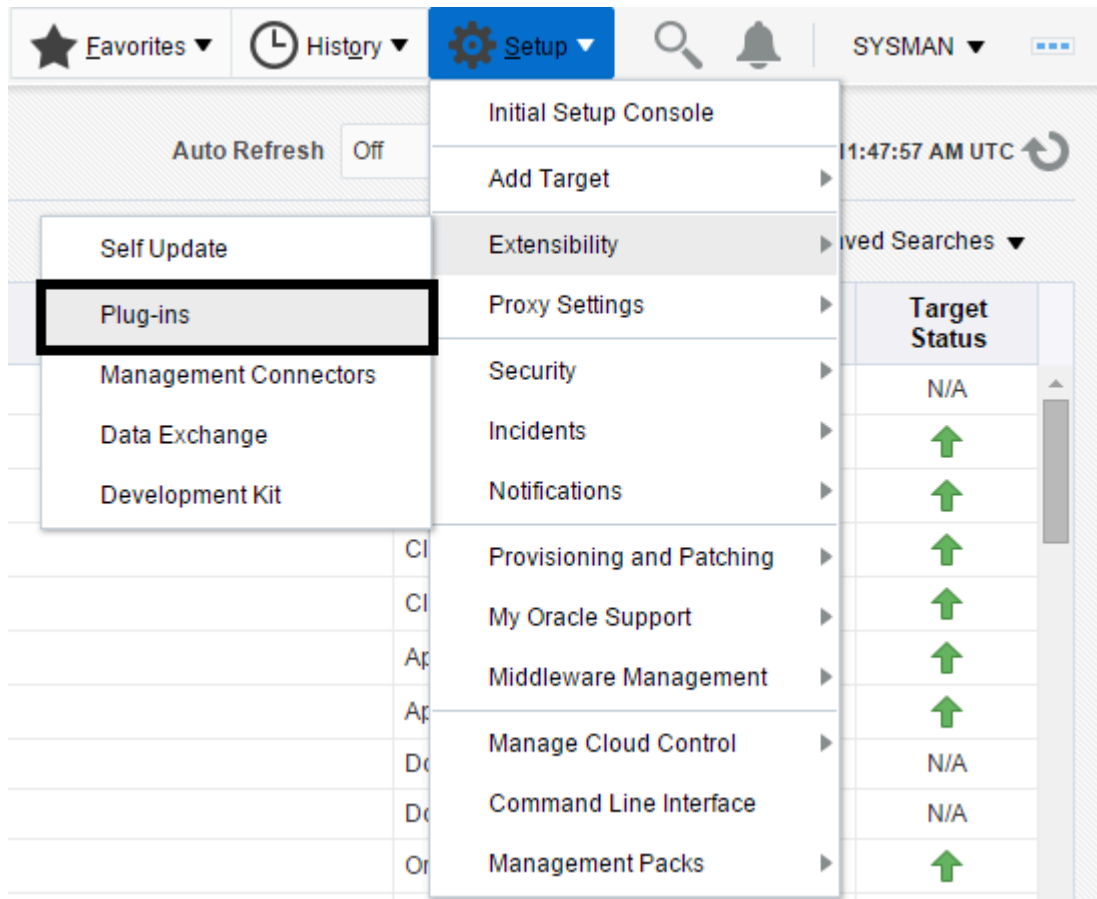
Further, you must have already imported the JDE AppPack as described in the chapter of this guide entitled: *Importing the JD Edwards Application Pack*.

The JDE AppPack is deployed using Cloud Control. As a prerequisite, you must have an existing Cloud Control and Oracle database installation. The JDE AppPack must be deployed into each existing Cloud Control Management Server.

# Deploy the JDE AppPack into the Management Server

Follow the steps in this section to deploy the JDE AppPack into the Management Server (also called OMS).

1. In Oracle Enterprise Manager Cloud Control, navigate to Setup, Extensibility, Plug-ins.

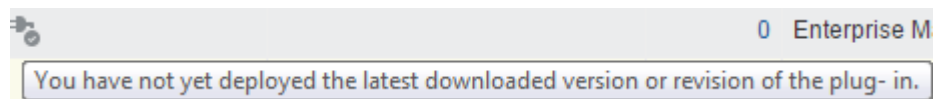


2. On the list of plugs, locate this item in the Name column:

**Oracle JD Edwards EnterpriseOne**

Name	Version			Management Agent with Plug-in	Description
	Latest Available	Latest Downloaded	On Management Server		
Applications					
Oracle Fusion Applications	13.1.1.0.0	13.1.1.0.0		0	Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion Applications.
<b>Oracle Jdedwards EnterpriseOne</b>	13.1.1.1.0	13.1.1.1.0	13.1.1.1.0	1	Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management for Oracle JD Edwards EnterpriseOne.
Oracle Siebel	13.1.1.0.0	13.1.1.0.0		0	Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.
Cloud					
Databases					
Engineered Systems					
Middleware					
Servers, Storage and Network					
Oracle Audit Vault	12.1.0.4.0	12.1.0.4.0		0	Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault.

Cloud Control displays an icon in the Downloaded column if an item has not been deployed. If the icon exists, its hover text displays the following message:



You can deploy a plug-in only if the above icon is displayed.

3. With the undeployed plug-in highlighted, right-click and select Deploy On, Management Servers.

**ORACLE Enterprise Manager Cloud Control 13c**

### Plug-ins

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to deploy or undeploy plug-ins.

Actions ▾ View ▾ Deploy On ▾ Undeploy From ▾ Check Updates Deployment Activities

Name	Version	
	Latest Available	Latest Downloaded
Applications		
Oracle Fusion Applications	13.1.1.0.0	13.1.1.0.0
<b>Oracle Jdedwards EnterpriseOne</b>		
Oracle Siebel		
Cloud		
Databases		
Engineered Systems		
Middleware		
Servers, Storage and Network		
Oracle Audit Vault		12.1.0.4.0

Context menu for 'Oracle Jdedwards EnterpriseOne':

- Deploy On Management Servers...
- Undeploy From Management Agent...
- Information
- Collapse
- Expand All Below
- Collapse All Below
- Show as Top



4. On the Deploy Plug-ins on Management Servers, Plug-ins form, complete the details.

ORACLE Enterprise Manager Cloud Control 13c

Plug-ins Prerequisite Checks Repository Review Confirmation

Deploy Plug-ins on Management Servers: Plug-ins Back Step 1 of 5 Next Cancel

+ Add... X Remove

Name	Version			Downtime Required	Use Last Successful Prerequisite
	Latest Available	Currently Deployed	To Deploy		
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	None	13.1.1.1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5. Click the Next button.

A progress panel is displayed indicating that the prerequisite checks are running.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. At the top, a progress bar shows five steps: Plug-ins, Prerequisite Checks (active), Repository, Review, and Confirmation. Below the progress bar, the title is "Deploy Plug-ins on Management Servers: Prerequisite Checks". A warning message states: "Prerequisite checks are currently running in a background process. Clicking Cancel or closing browser window will not stop the prerequisite process." Below this, a table titled "Prerequisite Status" shows the progress of checks. The table has columns for Name, Version, Status (%), Start Time, and End Time. One entry is visible: "Oracle Jdedwards EnterpriseOne" with version "13.1.1.1.0" and a status of 12%. A "Log File" link is present below the table. At the bottom, a section titled "Deployment Steps: Oracle Jdedwards EnterpriseOne" shows a table with columns for Prerequisite Name and Management Servers. The table contains one entry: "Submit job for running prerequisites check" with the management server "oracle.com:4889\_Management\_Service" and a green checkmark.

Name	Version	Status (%)	Start Time	End Time
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	12	Dec 1, 2015 12:03:38 AM	

Prerequisite Name	Management Servers
Submit job for running prerequisites check	oracle.com:4889_Management_Service

6. On the Deploy Plug-in on Management Servers, Prerequisite Checks form, verify that the checks completed successfully and click the Next button.

**Prerequisite Status**  
 ✓ Prerequisite Checks - Successfully Completed

Name	Version	Status (%)	Start Time	End Time
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	100	Dec 1, 2015 12:03:38 AM	Dec 1, 2015 12:05:57 AM

**Deployment Steps: Oracle Jdedwards EnterpriseOne**

Prerequisite Name	Management Servers	Status	Action
	denptvm08.us.oracle.com:4889_Management_Service		
Initialize		✓	Log File
Install software		✓	Log File
Validate plug-in home		✓	Log File
Perform custom preconfiguration		✓	Log File
Check mandatory patches		✓	Log File
Generate metadata SQL		✓	Log File
Preconfigure Management Repository		✓	Log File

7. On the Deploy Plug-in on Management Servers, Repository form, complete the required fields and click the Next button.

ORACLE Enterprise Manager Cloud Control 13c

Progress: Plug-ins, Prerequisite Checks, **Repository**, Review, Confirmation

### Deploy Plug-ins on Management Servers: Repository

Back Step 3 of 5 Next Cancel

**Warning**  
Repository database is running in NOARCHIVELOG mode. It is strongly recommended that ARCHIVELOG mode be enabled before trying plug-in deployment. Refer to Oracle Database documentation.  
Oracle recommends that you take a backup of the repository, and export the first management server configuration using the command "emctl exportconf oms". Otherwise, ensure that appropriate recovery plan is in place prior to deploying the plug-in.

\*  Have you backed up the repository and configuration of first management server?

**SYS Credential**  
Specify repository SYS credentials

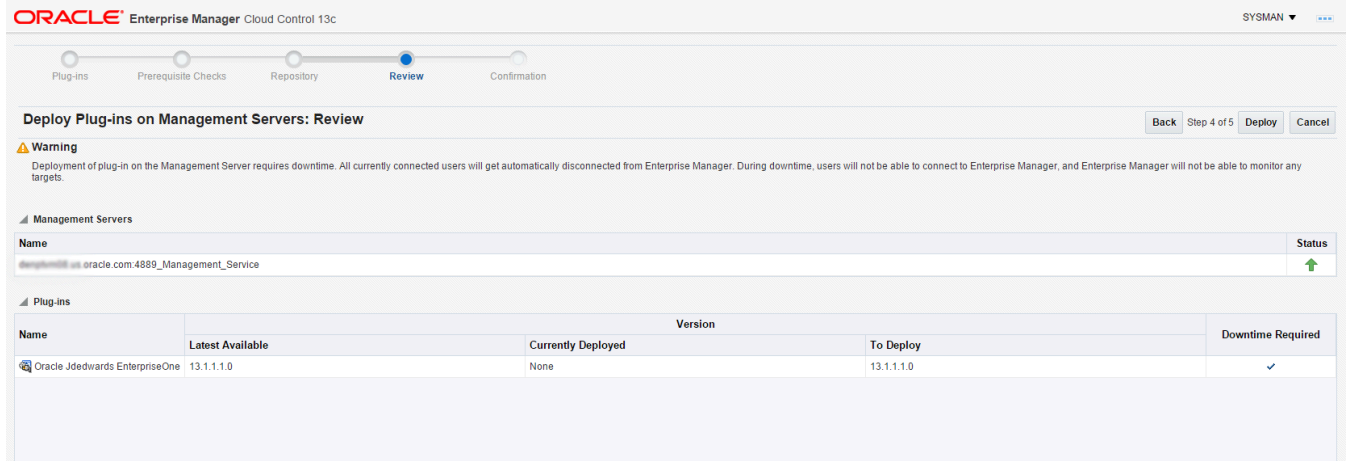
Credential  Named  New

Credential Name: NC\_ORACLE\_D\_2015-11-06-051739

Attribute	Value
Username	sys
Password	*****
Role	sysdba

More Details

The system displays the Deploy Plug-ins on Management Servers: Review form.



On the Deploy Plug-in on Management Servers: Review form, the panel warns that deployment of the plug-in on the Management Server will require downtime. All currently connected users will get disconnected from the Enterprise Manager. During the downtime period, users will not be able to connect to Enterprise Manager and Enterprise Manager will not monitor any targets.

**Note:** Oracle recommends that you back up the repository or ensure appropriate recovery plans are in place prior to deploying the plug-in.

8. Click the Deploy button.

9. On the Deploy Plug-in on Management Servers: Confirmation form, click the Show Status button. This Confirmation screen indicates that the deployment has started.

The Enterprise Manager interface shows the starting progress of the deployment.

However, since OMS is shut down during the deployment process, after a certain time during deployment, you cannot use the Enterprise Manager user interface to verify if the deployment is complete and that the OMS is back up.

To determine simple status and whether OMS is up or down, use this line command:

```
./emctl status oms
```

To view the deployment details, you can append the `-details` flag using this line command:

```
./emctl status oms -details
```

**Note:** Any time you issue the check status command with the `-details` flag, you are prompted to provide the SYS user password for the Enterprise Manager database as shown in the sample below.

```
[oracle@denovm40db1 bin]$ ./emctl status oms -details
Oracle Enterprise Manager Cloud Control 13c Release 1
Copyright (c) 1996, 2015 Oracle Corporation. All rights reserved.
Enter Enterprise Manager Root (SYSMAN) Password :
```

As the deployment progresses and you check status, a series of steps are performed. The step that indicates the deployment is complete is called Starting OMS, as shown in the sample below.

Step	Start Time	End Time	Status
Submit job for deployment	12/10/15 2:49:22 AM EST	12/10/15 2:49:22 AM EST	Success
Initialize	12/10/15 2:49:26 AM EST	12/10/15 2:49:32 AM EST	Success
Install software	12/10/15 2:49:32 AM EST	12/10/15 2:49:34 AM EST	Success
Validate plug-in home	12/10/15 2:49:35 AM EST	12/10/15 2:49:36 AM EST	Success
Perform custom preconfiguration	12/10/15 2:49:36 AM EST	12/10/15 2:49:36 AM EST	Success
Check mandatory patches	12/10/15 2:49:36 AM EST	12/10/15 2:49:36 AM EST	Success
Generate metadata SQL	12/10/15 2:49:36 AM EST	12/10/15 2:49:36 AM EST	Success
Preconfigure Management Repository	12/10/15 2:49:36 AM EST	12/10/15 2:49:36 AM EST	Success
Stop management server	12/10/15 2:49:36 AM EST	12/10/15 2:51:12 AM EST	Success
Configure Management Repository	12/10/15 2:51:12 AM EST	12/10/15 2:54:20 AM EST	Success
Configure middle tier	12/10/15 2:51:12 AM EST	12/10/15 2:54:09 AM EST	Success
OPSS jazn policy migration	12/10/15 2:54:09 AM EST	12/10/15 2:54:09 AM EST	Success
Register metadata	12/10/15 2:54:21 AM EST	12/10/15 2:54:34 AM EST	Success
Perform custom postconfiguration	12/10/15 2:54:34 AM EST	12/10/15 2:54:34 AM EST	Success
Update inventory	12/10/15 2:54:34 AM EST	12/10/15 2:54:35 AM EST	Success
Start management server	12/10/15 2:54:35 AM EST	N/A	Running

At this point OMS is being started. This means that deployment is complete and that the Enterprise Manager console should be available very soon, depending on how long the actual startup takes to complete.



# 6 Deploying the JDE AppPack into the Management Agent

## Prerequisites to Deploying the JDE AppPack into the Management Agent

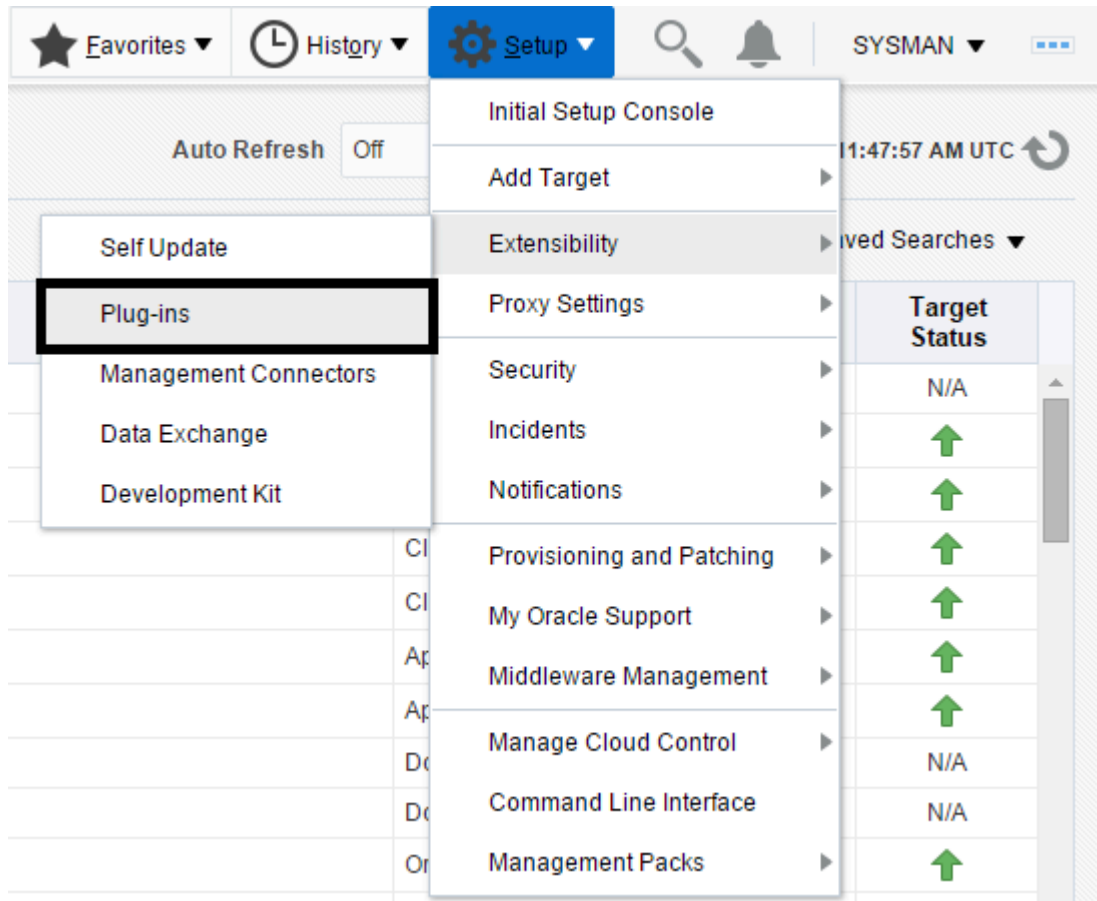
You can deploy the JDE AppPack to the Enterprise Manager Management Agent after you have:

- Imported the JDE AppPack, as described in the preceding chapter of this guide: *Importing the JD Edwards Application Pack*
- Deployed the JDE AppPack into the Management Server (OMS) as described in the chapter of this guide: *Deploying the JDE App Pack into the Management Server*

# Deploying the JDE AppPack into the Management Agent

You should follow the steps in this section to deploy the JDE AppPack into the Management Agent.

1. On the Oracle Enterprise Manager Cloud Control form, navigate to Setup, Extensibility, Plug-ins.



2. With the undeployed plug-in highlighted, right click and choose Deploy On, Management Agent.

**ORACLE Enterprise Manager Cloud Control 13c**

### Plug-ins

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to depl

Actions ▾ View ▾ Deploy On ▾ Undeploy From ▾ Check Updates Deployment Activities

Name	Version	
	Latest Available	Latest Downloaded
▲ Applications		
Oracle Fusion Applications	13.1.1.0.0	13.1.1.0.0
Oracle Jdedwards EnterpriseOne		13.1.1.0.0
Oracle Siebel		
▶ Cloud		
▶ Databases		
▶ Engineered Systems		
▶ Middleware		
▶ Servers, Storage and Network		
Oracle Audit Vault		12.1.0.4.0
Oracle Audit Vault and Database Firewall	13.1.1.0.0	13.1.1.0.0

Context menu for 'Oracle Jdedwards EnterpriseOne':

- Deploy On (highlighted)
- Undeploy From
- Information
- Collapse
- Expand All Below
- Collapse All Below
- Show as Top

Sub-menu for 'Deploy On':

- Management Servers...
- Management Agent... (highlighted)

3. On the Deploy Plug-in on Management Agent form, select the desired target, and click Continue.

**Deploy Plug-in on Management Agent**

Name Oracle Jdedwards EnterpriseOne

Version 13.1.1.1.0

**Target Types**

Name	Supported Target Versions
Enterprise Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Business Services Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Collaborative Portal Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Data Access Driver	8.98.1, 9.1.0, 9.2.0
EnterpriseOne HTML Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne PIMSync Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Transaction Server	8.98.1, 9.1.0, 9.2.0
Server Manager Managed Home	8.98.1, 9.1.0, 9.2.0

Continue Cancel

4. On the Deploy Plug-in on Management Agent, Select Management Agents form, select the desired management agent and click Continue.

### Deploy Plug-in on Management Agent

Select Management Agents

Name Oracle Jdedwards EnterpriseOne

Version 13.1.1.1.0

Management Agents

Management Agent	Agent Version	Operating System	Deployed Version	Status
deplm001.us.oracle.com:3872	13.1.0.0.0	Microsoft Windo...		↑

Back Continue Cancel

5. On the Deploy Plug-in on Management Agent, Prerequisite Checks form, verify that the JD Edwards EnterpriseOne target machine is added and click the Next button.

The screenshot shows a window titled "Deploy Plug-in on Management Agent" with a close button (X) in the top right corner. Below the title bar, the text "Prerequisite Checks" is displayed. Underneath, the "Name" is "Oracle Jdedwards EnterpriseOne" and the "Version" is "13.1.1.1.0". A table with four columns is shown: "Management Agent", "Operating System", "Status", and "Error Message". The first row contains the following data: "demp1001@us.oracle.com:3872", "Microsoft Windows x64 (6...", "✓", and an empty cell. At the bottom left, there is a note: "\* - Dependent Agents". At the bottom right, there are three buttons: "Back", "Next", and "Cancel".

Management Agent	Operating System	Status	Error Message
demp1001@us.oracle.com:3872	Microsoft Windows x64 (6...	✓	

On the Deploy Plug-in on Management Agent, Review form, a warning is displayed indicating that the deployment of the plug-in on a managed host will restart the agent.

### Deploy Plug-in on Management Agent ✕

**Review**

**Name** Oracle Jdedwards EnterpriseOne

**Version** 13.1.1.1.0

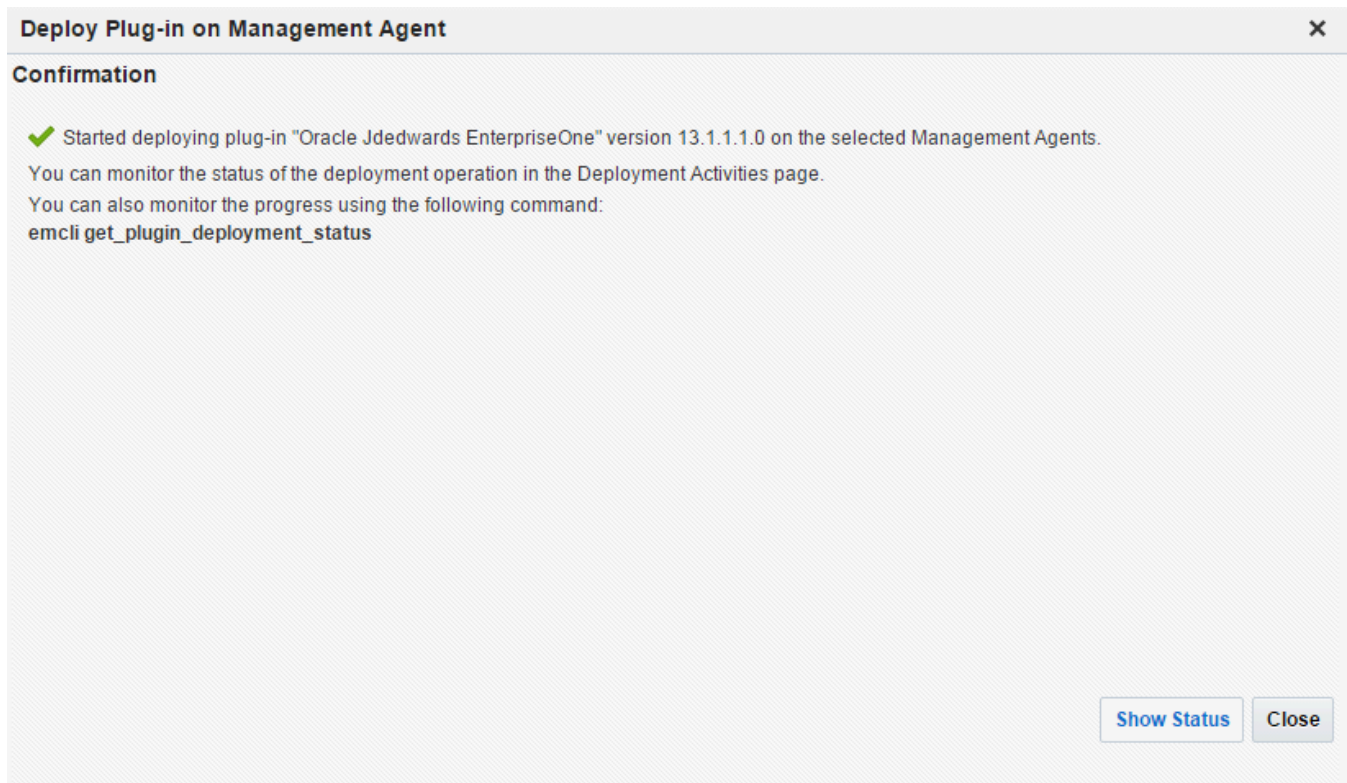
Management Agents that passed the prerequisite checks.

Management Agent	Operating System	Deployed Plug-in Version	Status	Restart Required
emagent@oracle.com:3872	Microsoft Windows x64 (...)		↑	No

\* - Dependent Agents

6. Click the Deploy button.

7. On the Deploy Plug-in on Management Servers, Confirmation form, click the Show Status button. This Confirmation screen indicates that the deployment is started on the selected hosts.



The Enterprise Manager interface shows the progress of the deployment.

Once the status indicates the agent is being started, the deployment is complete, depending on how long the actual startup takes to complete.



ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

Plug-ins Page Refreshed Dec 1, 2015 1:33:00 AM MST

Plug-ins > Deployment Activities Auto Refresh Off

**Recent Activities**

- All Activities
- Successful Activities
- Failed Activities
- Discovery Activities
- Activities on Management Server
- Activities on Management Agent
- Deployment Activities
- Undeployment Activities

Name	Version	Status	Content Type	Destination	Job Name	Start Time	End Time
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	⏸	Discovery	deployment.oracle.com:3872	PLUGIN_DEPLOY_AGENT_2015-12-01 01:32:12_19	Dec 1, 2015 1:32:12 AM	
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	⏸	Plug-in	deployment.oracle.com:3872	PLUGIN_DEPLOY_AGENT_2015-12-01 01:32:12_19	Dec 1, 2015 1:32:12 AM	

Deployment Steps: Oracle Jdedwards EnterpriseOne

Step	Status	Start Time	End Time	Log File
Submit job for deployment	✓	Dec 1, 2015 1:32:12 AM	Dec 1, 2015 1:32:17 AM	
Initialize	⏸	Dec 1, 2015 1:32:20 AM		emoms.log



# 7 Using Enterprise Manager V13.1 Cloud Control with JD Edwards EnterpriseOne

## Additional Information about Cloud Control

For additional information, refer to these Cloud Control resources:

- *Enterprise Manager Documentation*

[http://docs.oracle.com/cd/E63000\\_01/index.htm](http://docs.oracle.com/cd/E63000_01/index.htm)

The above Oracle website includes HTML and PDF versions of these documents:

- Enterprise Manager Concepts
- Administrator's Guide
- Basic Installation Guide
- Advanced Installation and Configuration Guide
- Administrator's Guide for Software and Server Provisioning and Patching
- Oracle Enterprise Manager List of Books

## Using Cloud Control for the First Time

The Cloud Control console provides support for creating and managing Cloud Control administrator accounts. The Cloud Control administrators you create and manage in the Cloud Control console are granted privileges and roles to log in to the Cloud Control console and to manage specific target types and to perform specific management tasks.

During installation, these tasks are performed automatically:

- A default Super Administrator SYSMAN account is created with the password you specify.
- The SYSMAN account is automatically configured to receive email notifications, if you provide the email notification settings during installation. Email notifications are set up with default Notification Rules for critical conditions.

After installation, you can immediately log in to the Cloud Control console with the SYSMAN username and your password to perform management tasks. The next step is to create a new Super Administrator account to monitor and manage the JD Edwards EnterpriseOne targets.

**Note:** The SYSMAN account owns the database schema containing the Management Repository and should *not* be used after the initial login.

## Accessing the Cloud Control Console

To access Cloud Control, use the syntax of the following URL:

`https://<Oracle Management Service_hostname>.<domain>:<port>/em`

For example:

`https://machine_host.example.com:7799/em`

## Cloud Control Home Page

On Select Enterprise Manager Home, you can choose a grid home page from the options shown on this screen. If these options do not match your job profile or role, use SYSMAN, Welcome Page and select one of the options displayed to make any other page in Enterprise Manager as your home page. Alternately, you can also use SYSMAN, Set Current Page as My Home to select any other Enterprise Manager page as your Home Page. For instructions on making the JD Edwards Domain your home page in Enterprise Manager, refer to the Tip in the section in this chapter entitled: *Navigating to the JDE EnterpriseOne Domain Home Page*.

**ORACLE** Enterprise Manager Cloud Control 13c
Enterprise ▾ Targets ▾ Favorites ▾ History ▾ Setup ▾
SYSMAN ▾

**Welcome to Enterprise Manager Cloud Control 13c**

**Enterprise Manager Overview**

Latest Features

Learn More

**Welcome to Enterprise Manager Cloud Control**

Oracle Enterprise Manager is Oracle's integrated enterprise IT management product line, which provides the industry's only complete, integrated and business-driven enterprise cloud management solution. Oracle Enterprise Manager creates business value from IT by leveraging the built-in management capabilities of the Oracle stack for traditional and cloud environments, allowing customers to achieve unprecedented efficiency gains while dramatically increasing service levels. [Learn more](#) <sup>1</sup>

**Total Cloud Control**

- Complete Cloud Lifecycle Management
- Integrated Application-to-Disk Management
- Business-Driven Application Management

**Select Enterprise Manager Home Page**

Choose your personal Home Page from one of the options below or navigate to SYSMAN menu > Set Current Page as My Home to select any other Enterprise Manager page as your Home Page. Once selected, your personal Home Page will appear the next time you log in.

**Click an image below for a larger preview, then select a radio button to choose your personal Home Page.**

**Welcome Page**  
*Best for: New Users*

**All Targets**  
*Best for: Enterprise Manager Administrators*

**Sitemap**  
*Best for: All Users*

**Summary**  
*Best for: Enterprise Manager Administrators*

**Databases**  
*Best for: Database Administrators*

**Incidents**  
*Best for: On-call IT Operations personnel*

**SOA**  
*Best for: SOA Architect*

**Middleware**  
*Best for: WebLogic and Middleware Administrators*

**Composite Application**  
*Best for: Application Architects*

**Services**  
*Best for: IT Executive Staff*

**TIP** To return to this Welcome Page use SYSMAN menu > Welcome Page.

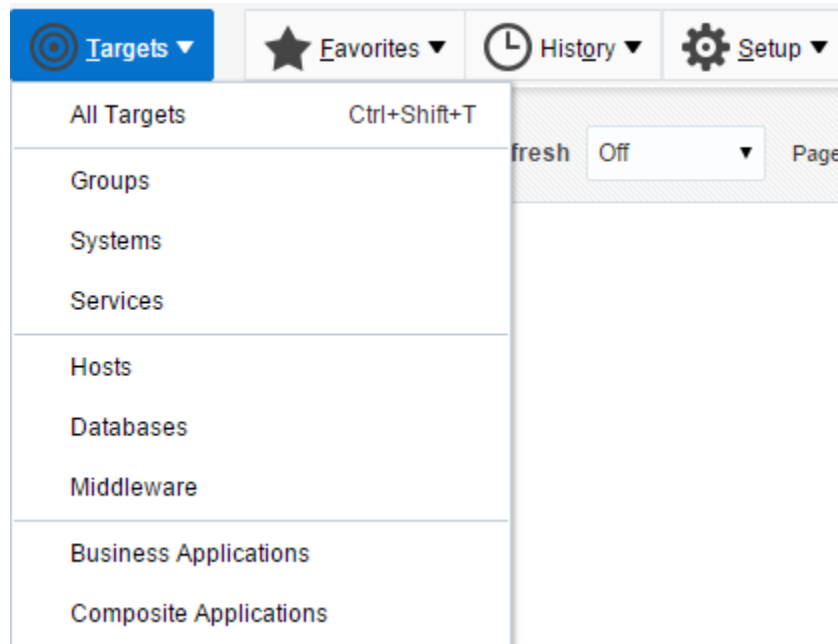
**Getting Started**

- Verify Software Library Setup
- Configure Management Agent Proxies
- Verify My Oracle Support Connectivity
- Add An Additional OMS
- Configure E-mail Notifications
- Download Management Agent Software
- Download and Deploy Management Plug-ins
- Discover Targets
- Create Administration Groups
- Create Accounts and Assign Roles
- Create Administrator Roles

The common Getting Started tasks can be accessed from the Setup Console.

## Viewing the Targets

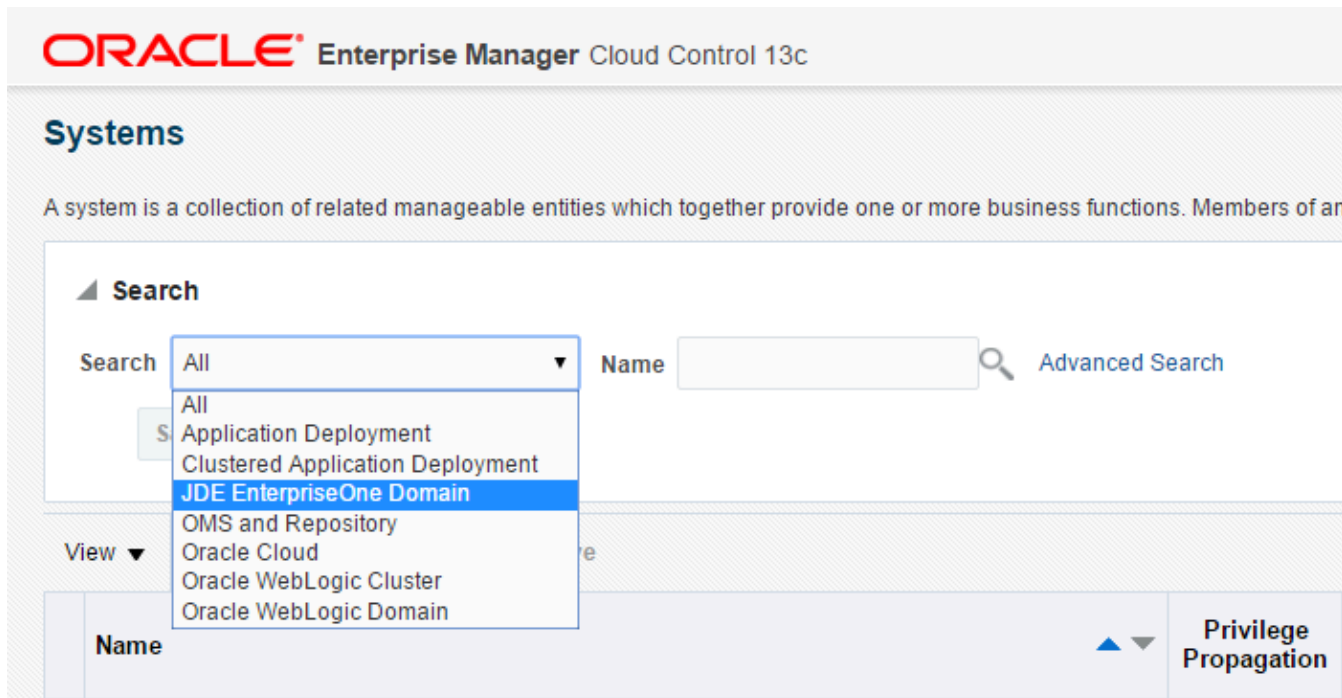
To view all existing Cloud Control targets, click the Targets drop-down menu. This control displays rows that further define targets by type, such as groups, systems, services, hosts, databases, middleware (application servers), and composite applications.



## Adding the JD Edwards EnterpriseOne Domain

To add the JD Edwards EnterpriseOne domain to Cloud Control:

1. Navigate to Targets, Systems, and use the Search drop-down menu to select JDE EnterpriseOne Domain.



- On the Systems form, with the JDE EnterpriseOne Domain selected, select JDE EnterpriseOne Domain from the Add drop-down menu.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The 'Systems' page is active, displaying a search bar and a table of systems. The 'Add' dropdown menu is open, showing the following options: Database System, Exalogic Elastic Cloud, Analytics System, Generic System, Identity and Access System, **JDE EnterpriseOne Domain** (selected), Redundancy System, and several EMGC\_GCDomain systems. The table below lists the systems and their details.

Name	Privilege Propagation	Type	Status	Members	Member Status Summary	Incidents
/EMC... JDE EnterpriseOne Domain	✓	Oracle WebLog...	n/a	Application Deployment (6) Domain Application Deployment (6) Oracle WebLogic Server (3) . More...	- 13 - - 9 - - -	- - -
/EMC... Identity and Access System	✓	Oracle WebLog...	↑	Application Deployment (2) Clustered Application Deployment (2) Oracle WebLogic Server (1)	- 5 - - - - -	- - -
/EMC... Redundancy System	✓	Clustered Appli...	↑	Application Deployment (1)	- 1 - - - - -	- - -
/EMGC_GCDomain/GCDomain/BIP/bipublisher(11.1.1)	✓	Application Dep...	↑	Application Deployment (1)	- - - - - - -	- - -
/EMGC_GCDomain/GCDomain/BIP/ESSAPP	✓	Application Dep...	↑		- - - - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	✓	Application Dep...	↑		- - - - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Dep...	↑		- - - - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.1.1.0.0)	✓	Application Dep...	↑		- - - - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Dep...	↑		- - - - - - -	- - -
Cloud		Oracle Cloud	n/a		- - - - - - -	- - -



**3.** On the Add JDE EnterpriseOne Domain form, complete these fields:

o *EnterpriseOne Domain Target Name*

Enter the name of the domain for JD Edwards EnterpriseOne. The name of the Server Manager host will be appended to this name if you do not specify it.

For example, enter **dev\_env**.

o *Enterprise Manager Agent Host Machine*

Enter the machine name on which the Enterprise Manager agent is installed. For example, enter **denlx01**.

**Note:** It is recommended that you type the machine name in the field instead of using the search button to locate the machine name.

o *Server Manager Host*

Enter the fully qualified machine name of your Server Manager host. For example, enter **denv030.mlab.jdedwards.com**.

o *Server Manager HTTP Port*

Enter the HTTP port that will be used to connect to Server Manager. The default value is **8999**.

o *Server Manager JMX Port*

Enter the JMX port that will be used to connect to Server Manager. The default value is **14501**.

o *Server Manager Admin User*

The default value, which should not be changed, is **jde\_admin**.

o *Server Manager Admin Password*

Enter a valid value for the password of your Server Manager administrator.

**ORACLE** Enterprise Manager Cloud Control 13c

Cancel OK

### Add JDE EnterpriseOne Domain

Enter required parameters needed to discover all targets within a JDE EnterpriseOne Domain managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this process.

\* EnterpriseOne Domain Target Name   
Name of target to be created. (Server Manager host will be appended if not already in the string provided.)

\* Enterprise Manager Agent Host Machine  🔍

\* Server Manager Host   
Server Manager Host for this target.

\* Server Manager HTTP Port   
Server Manager HTTP Port used.

\* Server Manager JMX Port   
Server Manager JMX Port used.

\* Server Manager Admin User   
Server Manager jde\_admin User (This should not be changed from the default jde\_admin user.)

\* Server Manager Admin Password   
Server Manager jde\_admin Password.

Cancel OK

**4.** Click the OK button to add the domain.

As Cloud Control adds the JD Edwards Domain and associated targets, it performs the following functions:

- Discovering: JD Edwards EnterpriseOne Domain
- Creating: JD Edwards EnterpriseOne Domain target
- Saving: JD Edwards EnterpriseOne Domain targets discovered

After the processing is complete, the home page for the JD Edwards EnterpriseOne Domain is displayed, as shown in the following example:

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface for a component named 'dev\_ems920@ems.us.oracle.com'. The interface is divided into several sections:

- General:** Shows the owner as 'SYSMAN' and 'Privilege Propagation' as 'Disabled'.
- Overview of Incidents and Problems:**
  - Incidents:** Updated in last 7 days, 0 incidents. A breakdown table shows 0 incidents for Availability, Performance, Security, and Others.
  - Problems:** Total Open, 0 problems.
- Jobs Activity:** Summary of jobs whose start date is within the last 7 days. A dropdown menu is set to 'Latest Run'.
- Blackouts:** A 'Create' button is visible.
- Status:**
  - 8 Members, 1 down, 7 up.
  - Most Affected Members (Last 24 Hours):** A table listing members with their status and availability.
 

Name	Type	Key Member	Status	Availability (%)
dev_ems920@ems.us.oracle.com			↑	100
dev_ems920@ems.us.oracle.com [slot:ems18765/appmgr/jde_agent/SCFHA]			⚠	n/a
dev_ems920@ems.us.oracle.com			↑	99.59
dev_ems920@ems.us.oracle.com			↑	100
dev_ems920@ems.us.oracle.com [slot:ems9920/oracle/jde_agent/SCFHA]			↑	100
dev_ems920@ems.us.oracle.com			↑	100
dev_ems920@ems.us.oracle.com [slot:ems9920/oracle/Middleware/jde_home_...]			↑	100
EMCC_ENT_6016 dev_ems920@ems.us.oracle.com			↑	100
- Compliance Summary:** Shows 'Compliance Standards' and 'Members' tabs. A 'View Trends' button is present. The 'Compliance Standard' section shows 'No data to display' and an 'Average Score' field.
- Dependent Targets:** Shows 'No dependent targets'.

## Navigating to the JDE EnterpriseOne Domain Home Page

1. Navigate to Targets, Systems, and select the row where the Type column value is JDE EnterpriseOne Domain.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

Systems Auto Refresh Off Page Refreshed Dec 1, 2015 8:28:11 AM UTC

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search Saved Searches

Search All Name  Advanced Search

Save...

View Add Edit Remove

Name	Privilege Propagation	Type	Status	Members	Member Status Summary						Incidents				
					Down	Up	Refresh	Warn	N/A	OK	None	Warning	Error	Info	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.1.1.0.0)	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRpeater	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-	-	-
Cloud		Oracle Cloud	n/a		-	-	-	-	-	-	-	-	-	-	-
EONE_91_OLD_TARGET_26112015_dem6521@jms.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Business Services Server (7) EnterpriseOne Managed Home (3) EnterpriseOne Transaction Server (1) More...	6	6	-	-	-	-	-	6	-	-	-
EONE_92_AX_WAS_dvmtq67.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8) EnterpriseOne Managed Home (5) EnterpriseOne Enterprise Server (2)	1	14	-	-	-	-	-	1	-	-	-
JMX_ENABLED_26_11_2016_dvmtq64.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6) EnterpriseOne Managed Home (5) EnterpriseOne Enterprise Server (3)	-	14	-	-	-	-	-	-	-	-	-
JMX_SECURITY_ENABLED_1_26112015_stc0@jms.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6) EnterpriseOne Managed Home (2)	4	4	-	-	-	-	-	4	-	-	-
JMX_Security_Enabled_2_@653@jms.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Managed Home (17) EnterpriseOne HTML Server (10) EnterpriseOne Enterprise Server (8)	9	24	-	2	-	-	-	9	-	-	-
Management Services and Repository	✓	OMS and Repository	↑	Application Deployment (4) Host (1) Oracle Management Service (1) More...	-	9	-	-	-	-	-	-	-	-	-

Columns Hidden 13

2. On the Systems form, with the JDE EnterpriseOne Domain row highlighted, click the Edit button.

**Systems**

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search: All Name [ ] Advanced Search Save...

View: + Add [ **Edit** ] X Remove

Name	Privilege Propagation	Type	Status	Members	Member Status Summary					Incidents			
					Down	Up	Warning	N/A	Other	Open	Warning	Resolved	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.1.1.0.0)	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment	↑		-	-	-	-	-	-	-	-	-
Cloud		Oracle Cloud	n/a		-	-	-	-	-	-	-	-	-
EONE_91_OLD_TARGET_26112015_dam021@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Business Services Server (7), EnterpriseOne Managed Home (3), EnterpriseOne Transaction Server (1), More...	6	6	-	-	-	6	-	-	-
EONE_92_AIX_WAS_dam021@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (2)	1	14	-	-	-	1	-	-	-
JMX_ENABLED_26_11_2016_dam021@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (3)	-	14	-	-	-	-	-	-	-
JMX_SECURITY_ENABLED_1_26112015_dam021@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (2)	4	4	-	-	-	4	-	-	-
JMX_Security_Enabled_2_26112015_dam021@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Managed Home (17), EnterpriseOne HTML Server (10), EnterpriseOne Enterprise Server (8)	9	24	-	2	-	9	-	-	-
Management Services and Repository	✓	OMS and Repository	↑	Application Deployment (4), Host (1), Oracle Management Service (1), More...	-	9	-	-	-	-	-	-	-

**Tip:** If your server is not listed, it may be because the Enterprise Manager default for the maximum number of servers to be shown in this list is 10. Refer to the Enterprise Manager documentation to customize this value.

The Home Page for the JDE EnterpriseOne Domain is displayed.



**ORACLE Enterprise Manager Cloud Control 13c**

Enterprise Targets Favorites History Setup SYSMAN

**JMX\_ENABLED\_26\_11\_2016\_@oracle.com**

Custom Menu Page Refreshed Dec 1, 2015 8:25:47 AM GMT+00:00

**General**  
 Owner: SYSMAN  
 Privilege Propagation: Disabled

**Overview of Incidents and Problems**  
 Incidents: Updated in last 7 days: 0  
 Breakdown of incidents updated in the last 7 days:  
 Category: Availability, Performance, Security, Others  
 Problems: Total Open: 0

**Jobs Activity**  
 Summary of jobs whose start date is within the last 7 days.  
 Show Latest Run Search Job Name Show Jobs

**Blackouts**  
 Create  
 Submitted to: JDE EnterpriseOne Domain, Any Member  
 Status: Scheduled (0), Active (0)

**Status**  
 14 Members ↑ 14  
 Most Affected Members (Last 24 Hours)

Name	Type	Key Member	Status	Availability (%)
d@ent@4_ert_6016_@oracle.com			↑	100
d@ent@4_ias_82_@oracle.com			↑	100
d@ent@4_@oracle.com [Z:\je_agent_home\SCFHA]			↑	100
d@ent@4_@oracle.com [Z:\je_agent\SCFHA]			↑	100
d@ent@4_ert_bug_6017_@oracle.com			↑	100
d@ent@4_ias_bug_94_@oracle.com			↑	100
d@ent@4_ert_6116_@oracle.com			↑	100
d@ent@4_ias_bug_92_@oracle.com			↑	100

**Compliance Summary**  
 Compliance Standards Members  
 View Trends  
 Compliance Standard: No data to display  
 Average Score: [Progress Bar]

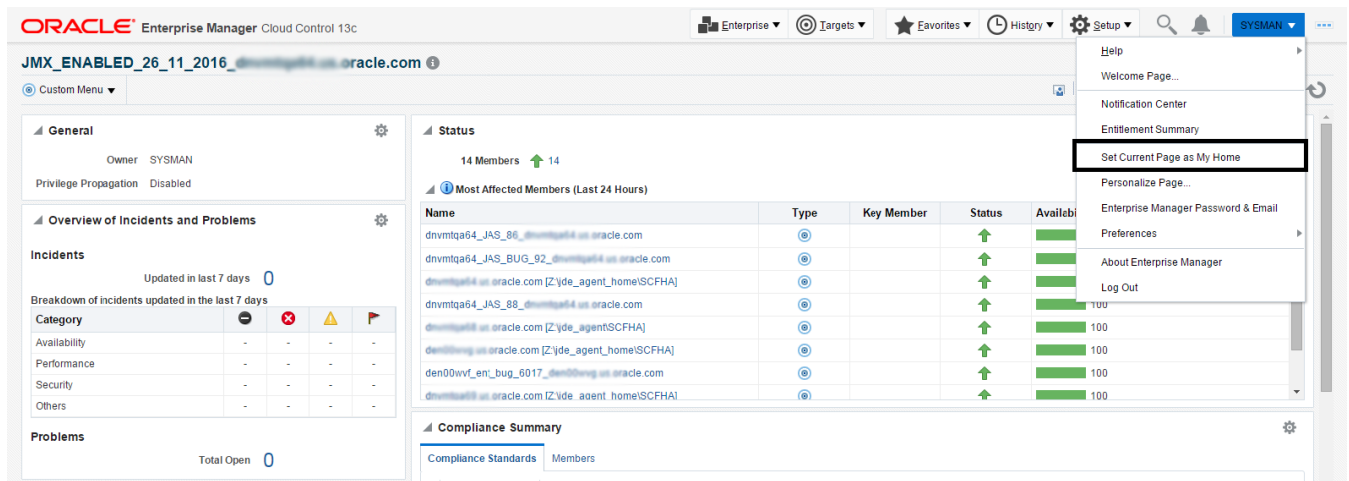
**Dependent Targets**  
 Name Type Status Association  
 No dependent targets.

- Alternatively, to navigate to the JD Edwards EnterpriseOne Domain Home page, on the Systems form, on the row with the **JDE EnterpriseOne Domain**, click the hyperlink in the Name column where the Type column value is JDE EnterpriseOne Domain. This is shown in the following example:

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The 'Systems' page displays a table of systems. The row for 'JMX\_ENABLED\_26\_11\_2016' is highlighted with a black box. The 'Name' column for this row contains a hyperlink: 'JMX\_ENABLED\_26\_11\_2016\_@emc13c.us.oracle.com'. The 'Type' column for this row is 'JDE EnterpriseOne Domain'. The 'Status' column is 'n/a'. The 'Members' column lists 'EnterpriseOne HTML Server (6)', 'EnterpriseOne Managed Home (5)', and 'EnterpriseOne Enterprise Server (3)'. The 'Member Status Summary' column shows '14' and '1'. The 'Incidents' column shows '1'.

Name	Privilege Propagation	Type	Status	Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment	↑		- - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.1.1.0.0)	✓	Application Deployment	↑		- - - - -	- - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRRepeater	✓	Application Deployment	↑		- - - - -	- - -
Cloud		Oracle Cloud	n/a		- - - - -	- - -
EONE_91_OLD_TARGET_26112015_@emc13c.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Business Services Server (7), EnterpriseOne Managed Home (3), EnterpriseOne Transaction Server (1), More...	6 6 - - - -	6 - - -
EONE_92_AIX_WAS_@emc13c.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (2)	1 14 - - - -	1 - - -
JMX_ENABLED_26_11_2016_@emc13c.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (3)	- 14 - - - -	- - - -
JMX_SECURITY_ENABLED_1_26112015_@emc13c.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (2)	4 4 - - - -	4 - - -
JMX_Security_Enabled_2_@emc13c.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Managed Home (17), EnterpriseOne HTML Server (10), EnterpriseOne Enterprise Server (8)	9 24 - 2 - -	9 - - -
Management Services and Repository	✓	OMS and Repository	↑	Application Deployment (4), Host (1), Oracle Management Service (1), More...	- 9 - - - -	- - - -

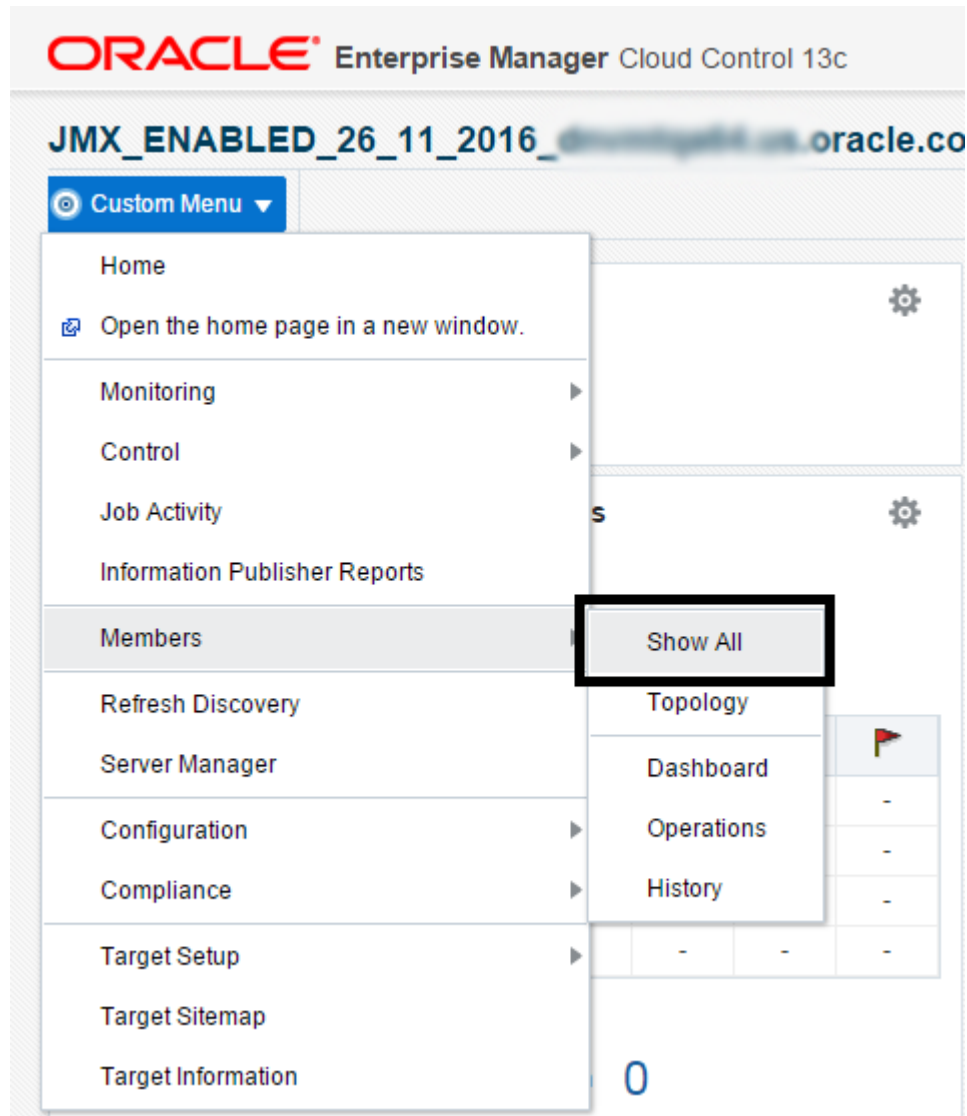
- Optionally you can set the JD Edwards Domain as your Cloud Control home page, with the JD Edwards Domain page as the current page in your Cloud Control session, navigate SYSMAN, Set Current Page as My Home (see below figure).



# Displaying Members of the JD Edwards EnterpriseOne Domain

To display members of the JD Edwards EnterpriseOne Domain:

1. With the JD Edwards EnterpriseOne Domain displayed, navigate to Custom Menu, Members, Show All.



Cloud Control displays a list of members as shown in the following example:

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

JMX\_ENABLED\_26\_11\_2016\_dnmvtq64.us.oracle.com

Members

Page Refreshed Dec 1, 2015 8:45:26 AM GMT+00:00

View:  All Members  Direct Members  Indirect Members

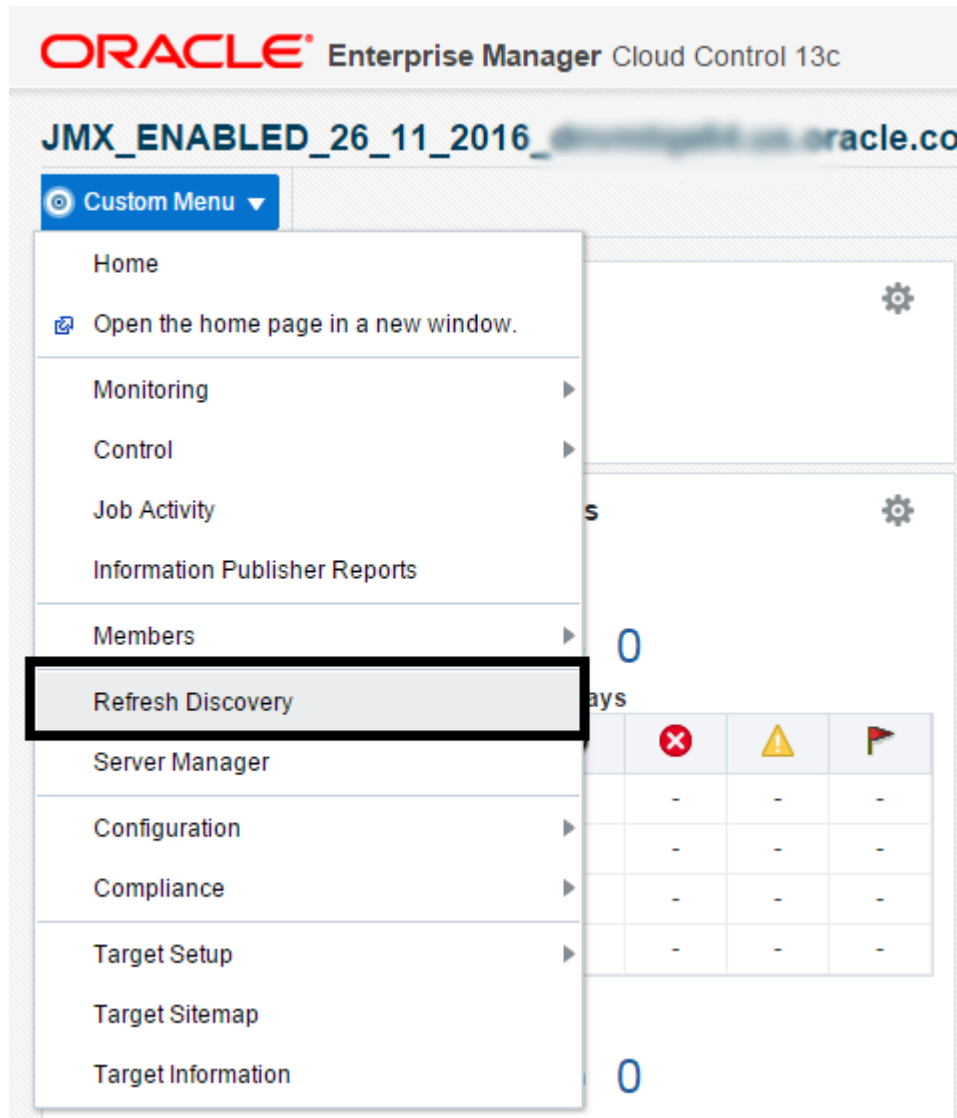
Search: All  Go [Export](#)

Name	Type	Status	Incidents
den0wdf_ent_bug_6017_dnmvtq64.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0
dnmvtq64.us.oracle.com_[2]:jde_agent_home[SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
dnmvtq64.us.oracle.com_[2]:jde_agent_home[SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
dnmvtq64.us.oracle.com_[2]:jde_smc_home[SCFMC]	EnterpriseOne Managed Home	↑	0 0 0
dnmvtq64_JAS_82_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64_JAS_84_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64_JAS_86_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64_JAS_88_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64_JAS_92_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64_JAS_BUG_94_dnmvtq64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnmvtq64.us.oracle.com_[2]:jde_agent[SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
dnmvtq64.us.oracle.com_[2]:jde_agent_home[SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
dnmvtq69_ent_6016_dnmvtq69.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0
dnmvtq69_ent_6116_dnmvtq69.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0

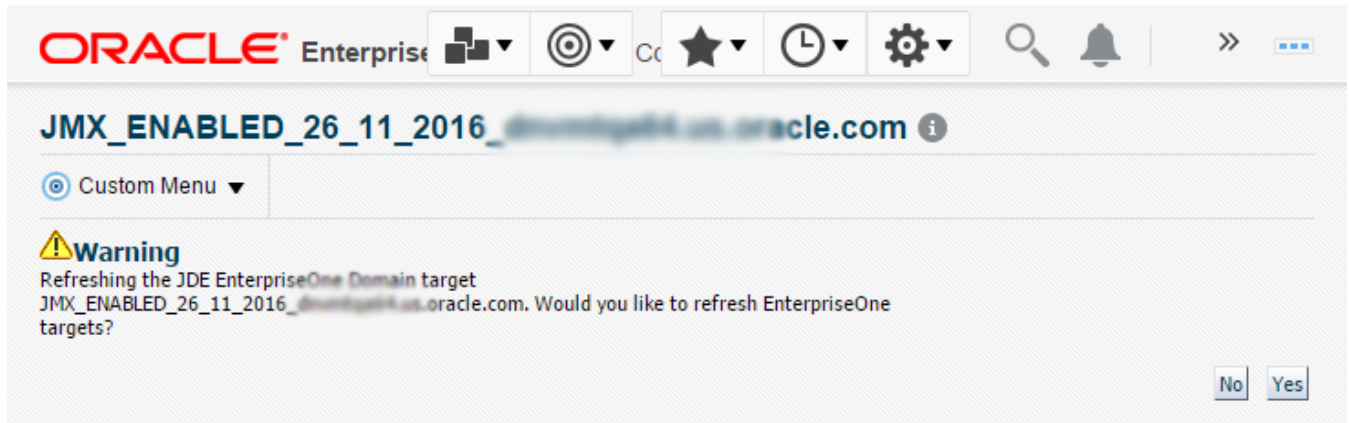
## Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)

To update the JD Edwards EnterpriseOne domain to Cloud Control, use Refresh Discovery as described below.

1. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Refresh Discovery.



2. Cloud Control displays the following warning. On the Warning screen, verify the target and click the **Yes** button to complete the refresh action.



The Cloud Control system refreshes the JD Edwards EnterpriseOne Domain and associated targets. When the process is complete, the system displays the JD Edwards EnterpriseOne Domain Home Page.

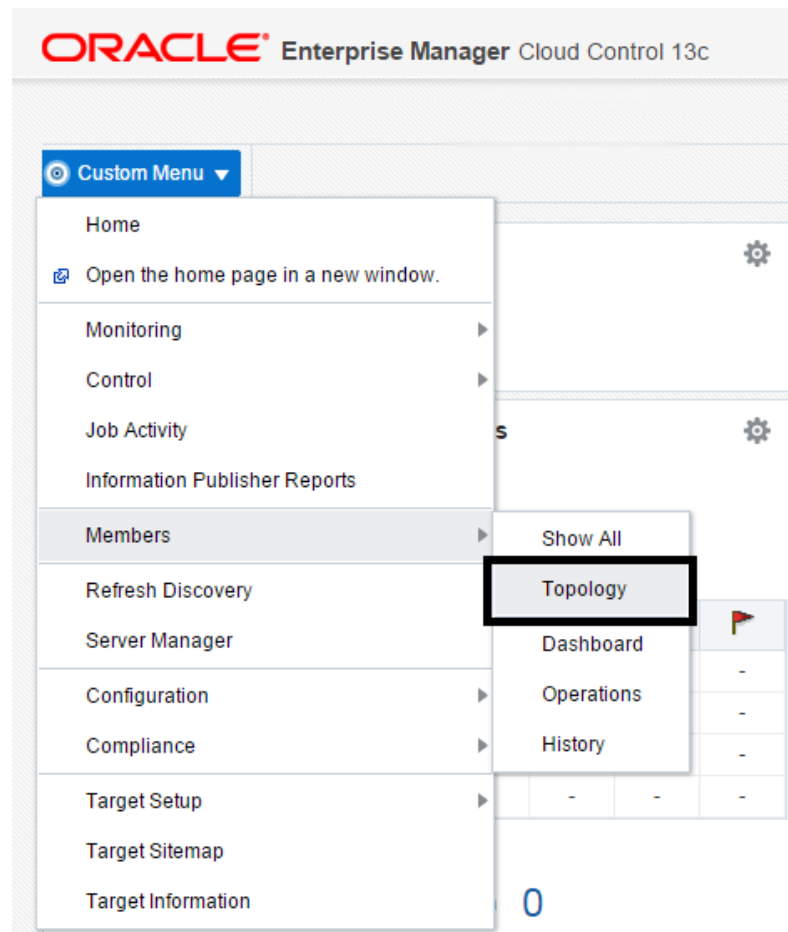
## Displaying the Configuration Topology

There are several methods to display the configuration topology of the JD Edwards EnterpriseOne Domain.

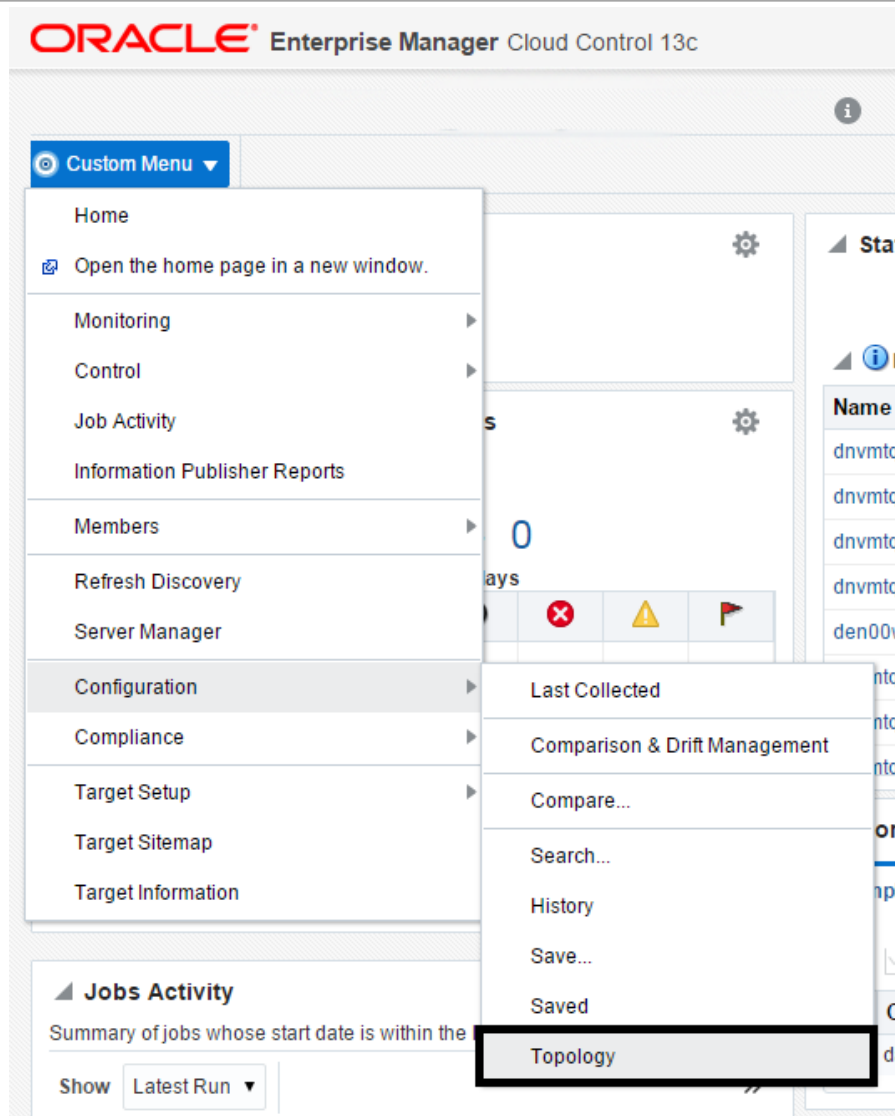
1. On the JD EnterpriseOne Domain home page, choose either of these navigations:

Custom Menu, Members, Topology

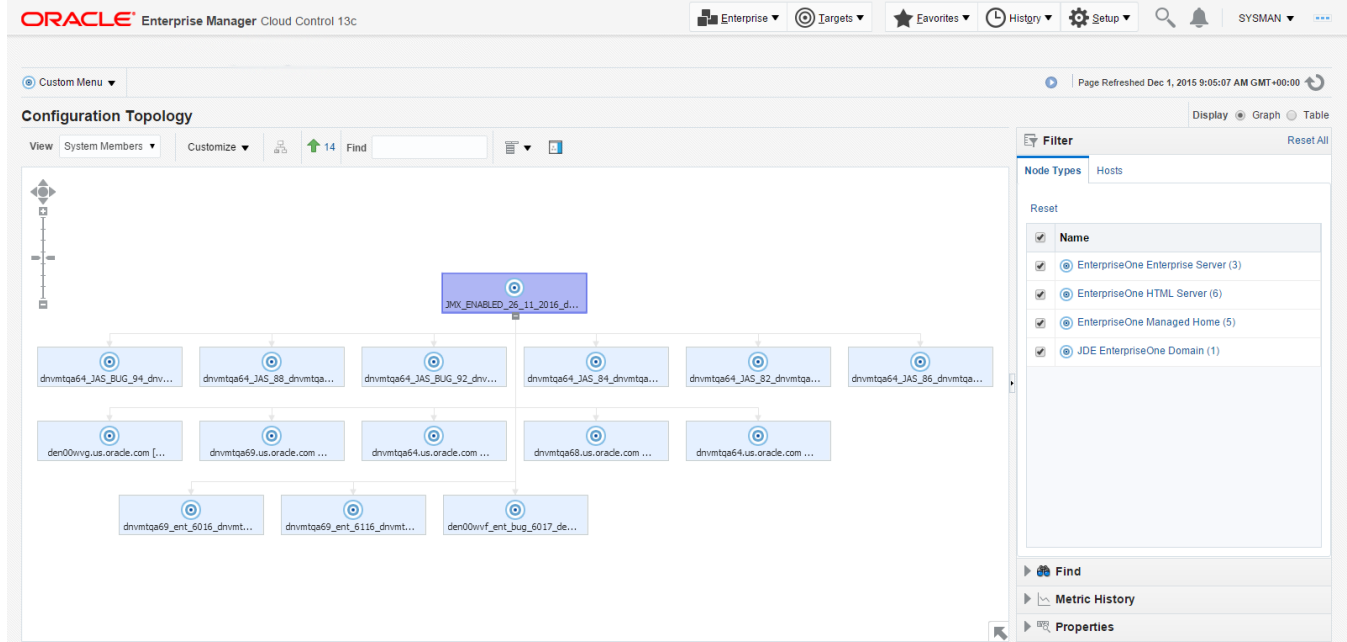
Custom Menu, Configuration, Topology







Cloud Control displays a topology graphic as shown in the following example:

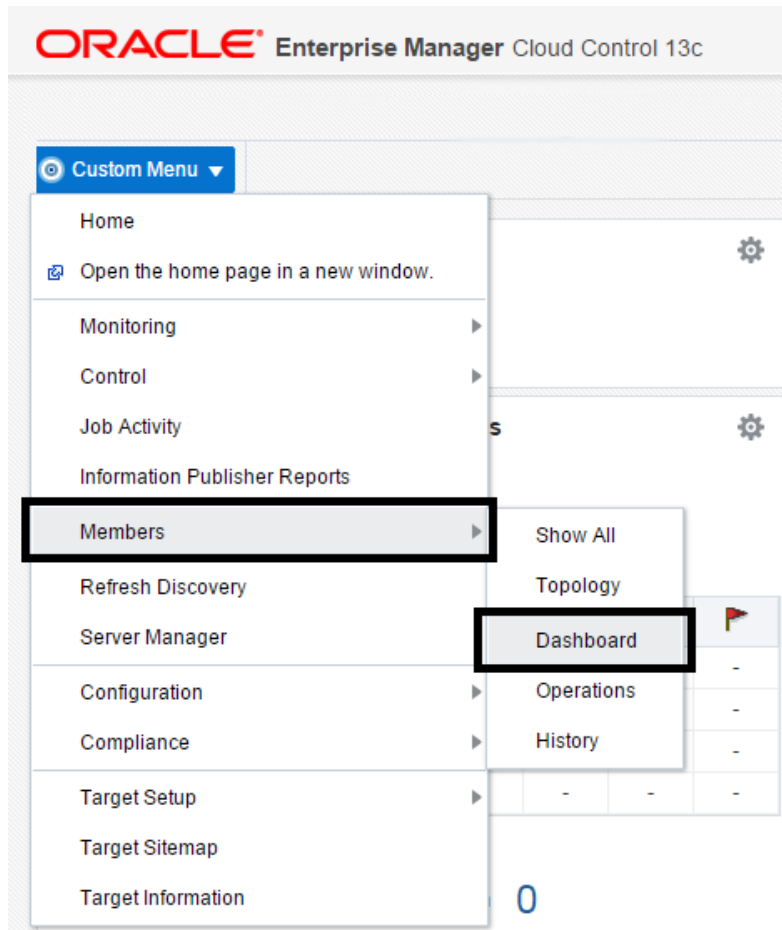


## Navigating to the System Monitoring Dashboard

Use the System Dashboard to view the health of managed targets within a group or system in real time. The System Dashboard presents information using intuitive icons and graphics that let you spot recent changes and quickly identify and respond to problems. You can:

- Customize the display attributes to match information requirements of managed targets.
- Monitor status for recent problems.

To access the System Monitoring Dashboard, navigate to Custom Menu, Members, Dashboard.



The following example illustrates the dashboard for the JD Edwards EnterpriseOne Domain.

**ORACLE** Enterprise Manager Cloud Control 13c

JMX\_ENABLED\_26\_11\_2016\_dnmvmtqa64.us.oracle.com

Custom Menu

JDE EnterpriseOne Domain: JMX\_ENABLED\_26\_11\_2016\_dnmvmtqa64.us.oracle.com

Page Refreshed December 1, 2015 9:11:10 AM UTC Stop Auto Refresh Customize

Member Targets (14)

Name	Target Type	Status	Incidents				Compliance Violations		
			0	0	0	0	0	0	0
dnvmtqa69_ent_6116_dnmvmtqa69.us.oracle.com	EnterpriseOne Enterprise Server	1 ↑	-	-	-	-	-	-	-
dnvmtqa69_ent_6016_dnmvmtqa69.us.oracle.com	EnterpriseOne Enterprise Server	1 ↑	-	-	-	-	-	-	-
dnvmtqa69.us.oracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-
dnvmtqa69.us.oracle.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-
dnvmtqa64_JAS_BUG_94_dnmvmtqa64.us.oracle.com	EnterpriseOne HTML Server	1 ↑	-	-	-	-	-	-	-
dnvmtqa64_JAS_BUG_92_dnmvmtqa64.us.oracle.com	EnterpriseOne HTML Server	1 ↑	-	-	-	-	-	-	-
dnvmtqa64_JAS_88_dnmvmtqa64.us.oracle.com	EnterpriseOne HTML Server	1 ↑	-	-	-	-	-	-	-

Incidents and Problems

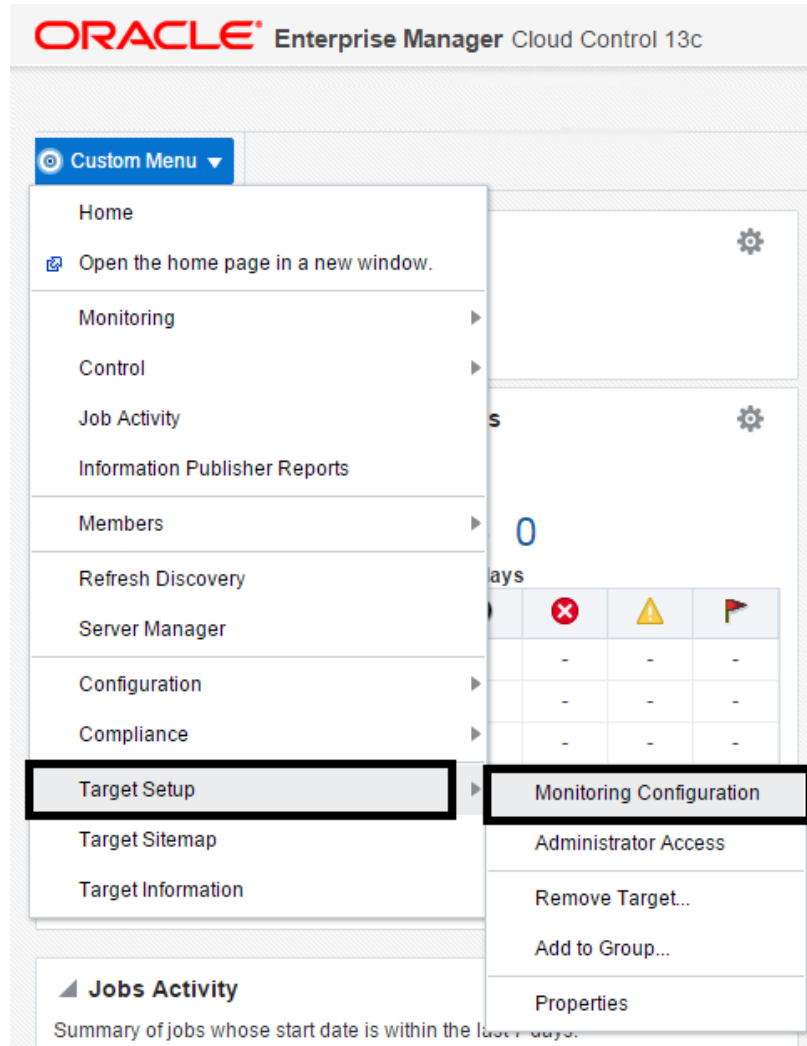
Actions View Category All Acknowledge Clear ... 0 0 0 0

Summary	Severity	Status	Escalation Level	Type	Time Since Last Update	Target Name	Last Comment
No data found							






## Monitoring Configuration


Cloud Control automatically sets up monitoring configuration for the JDE EnterpriseOne targets.




1. With a JDE target selected (for example, the HTML Server), navigate to Custom Menu, Target Setup, Monitoring Configuration.



If the Monitoring section of the screen indicates that monitoring is automatically enabled for the target's availability and performance, no further monitoring configuration is necessary. You can edit the metric thresholds from the target's home page.

**ORACLE** Enterprise Manager Cloud Control 13c        SYSMAN  

**JMX\_ENABLED\_26\_11\_2016\_@dms01g04.us.oracle.com** 

 Custom Menu  Page Refreshed Dec 1, 2015 9:16:26 AM GMT+00:00 

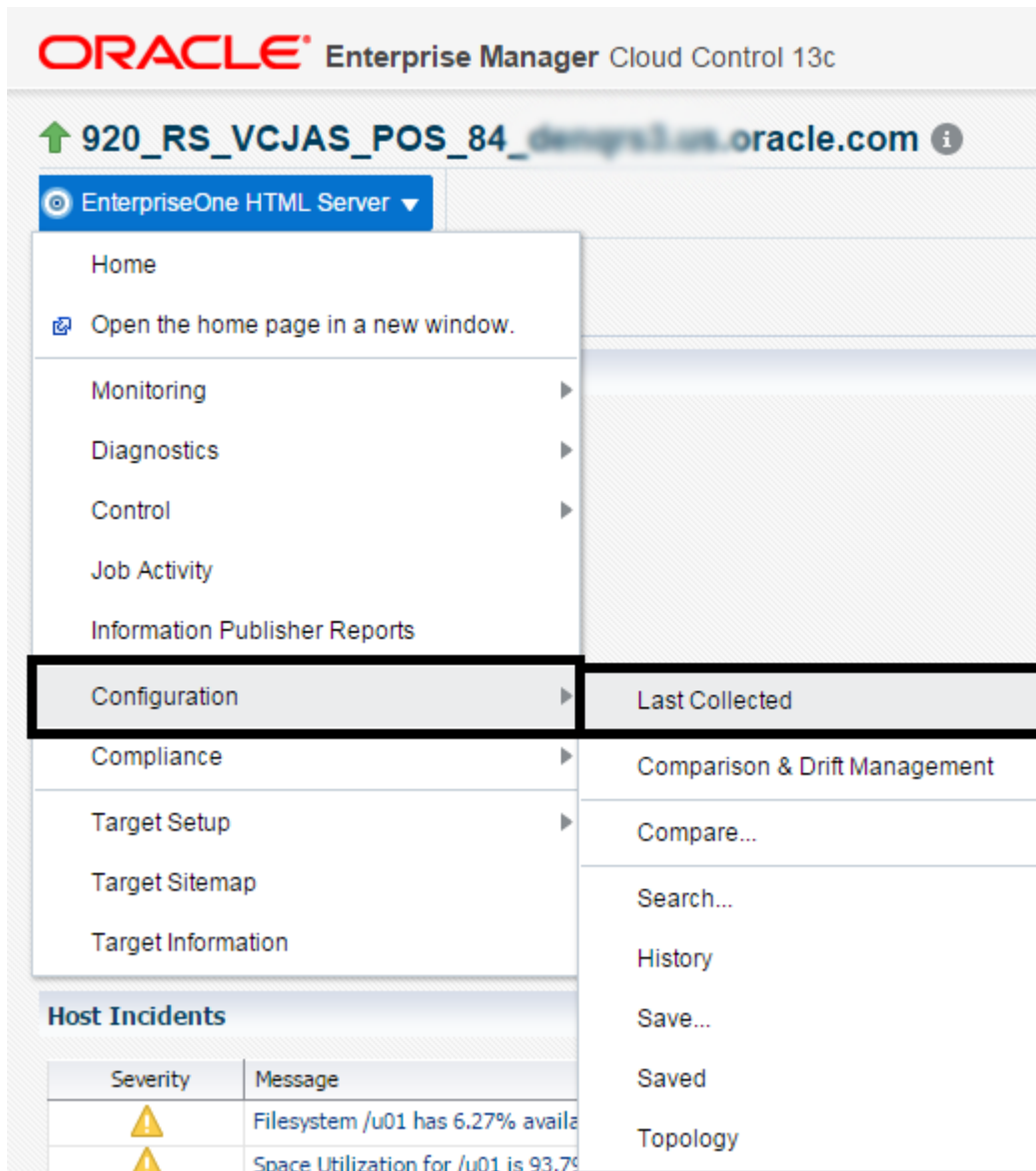
### Monitoring Configuration

* Enterprise Manager Agent Host	<input type="text" value="dms01g04.us.oracle.com"/>
* Server Manager Admin Password	<input type="password" value="*****"/>
* Server Manager Admin User	<input type="password" value="*****"/>
* Server Manager Hostname	<input type="text" value="dms01g04.us.oracle.com"/>
* Server Manager Http Port	<input type="text" value="8999"/>
* Server Manager JMX Port	<input type="text" value="14501"/>

## Viewing the Latest Configuration Data

Use this procedure to obtain the latest configuration data for members of the JD Edwards EnterpriseOne Domain. The procedure allows you to see configuration information that is in files such as the `jde.ini` and `jas.ini`. In addition to viewing the configuration information, you can Export or Detach it.

1. With a JD Edwards EnterpriseOne target selected, navigate to EnterpriseOne HTML Server, Configuration, Last Collected.



Cloud Control displays the latest configuration for the selected Target.

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne HTML Server.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The main content area is titled "JDE EnterpriseOne Configuration" and shows a table of configuration properties. The table has four columns: Configuration File Name, Section Name, Configuration Entry Name, and Configuration Entry Value. The data is as follows:

Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value
jas.ini	ERPINTERACT...	DBFetchLimitB...	2000
jas.ini	ERPINTERACT...	InteractivityLevel	HIGH
jas.ini	ERPINTERACT...	LogoutOnBrow...	true
jas.ini	ERPINTERACT...	MaxOpenBrows...	10
jas.ini	ERPINTERACT...	MultipleBrowse...	true
jas.ini	EVENTS	initiaContextFa...	none
jas.ini	EVENTS	jndiProviderURL	
jas.ini	GRIDDISKCAC...	CacheBufferSize	32768
jas.ini	GRIDDISKCAC...	CacheDataBro...	true
jas.ini	GRIDDISKCAC...	CacheFindBro...	true
jas.ini	INTEROP	Repository	c:\connector\repository

At the bottom right of the table, it indicates "Rows: 158".

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne Enterprise Server.



The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons. The breadcrumb trail indicates the path: 920\_RS\_VCJAS\_POS\_84\_@emg3.us.oracle.com > EnterpriseOne HTML Server > JDE EnterpriseOne Configuration. The main content area is titled 'JDE EnterpriseOne Configuration' and features a search bar with 'jas.ini' entered. Below the search bar, there are 'Search', 'Reset', and '+ Add' buttons. The 'Configuration Properties' section shows the configuration was last collected on 03-Nov-2015 00:59:47. A table displays the configuration entries for 'jas.ini'.

Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value
jas.ini	CACHE	CacheCheck	300000
jas.ini	CACHE	GlossaryText	7200000
jas.ini	CACHE	Menu	3600000
jas.ini	CACHE	SpecExpire	0
jas.ini	CACHE	UserSession	1200000
jas.ini	ERPINTERACT...	AccessibilityMenu	false
jas.ini	ERPINTERACT...	DBFetchLimitB...	2000
jas.ini	ERPINTERACT...	InteractivityLevel	HIGH
jas.ini	ERPINTERACT...	LogoutOnBrow...	true
jas.ini	ERPINTERACT...	MaxOpenBrows...	10
jas.ini	ERPINTERACT...	MultipleBrowse...	true

Rows: 90

2. To display additional configuration details, expand the node for the Target and click the subnode.

The following example illustrates a JD Edwards EnterpriseOne HTML Server with the **JDE EnterpriseOne Configuration** subnode expanded.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The main content area is titled "JDE EnterpriseOne Configuration" and shows a search for the "JDBJ-SPEC DATA SOURCE" section. Below the search bar, the "Configuration Properties" tab is active, displaying a table of configuration entries. The table includes columns for Configuration File Name, Section Name, Configuration Entry Name, and Configuration Entry Value. The entries are as follows:

Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value
jdbj.ini	JDBJ-SPEC DATA SOURCE	database	
jdbj.ini	JDBJ-SPEC DATA SOURCE	databaseType	O
jdbj.ini	JDBJ-SPEC DATA SOURCE	job	false
jdbj.ini	JDBJ-SPEC DATA SOURCE	name	
jdbj.ini	JDBJ-SPEC DATA SOURCE	owner	
jdbj.ini	JDBJ-SPEC DATA SOURCE	password	*****
jdbj.ini	JDBJ-SPEC DATA SOURCE	physicalDatabase	

The interface also shows a "Latest Configuration" section on the left and a "Page Refreshed" timestamp of 03-Nov-2015 02:41:19 EST.

## Runtime Metrics (Status, User Count, and Performance)

You can use Cloud Control to monitor the status of all members of the JD Edwards domain. Cloud Control can also monitor the performance of these JD Edwards EnterpriseOne servers:

- Enterprise Server
- HTML Web Server

ORACLE Enterprise Manager Cloud Control 13c

JMX\_ENABLED\_26\_11\_2016\_@nmtqa64.us.oracle.com

Members

Page Refreshed Dec 1, 2015 8:45:26 AM GMT+00:00

View:  All Members  Direct Members  Indirect Members

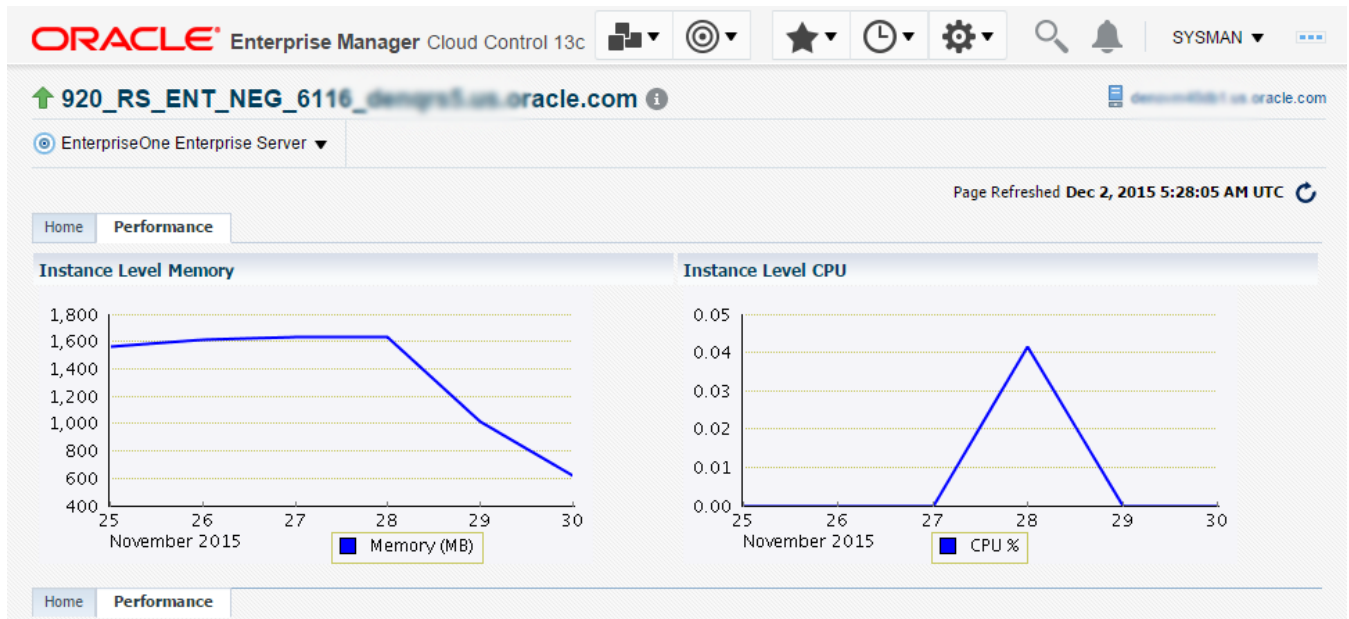
Search: All

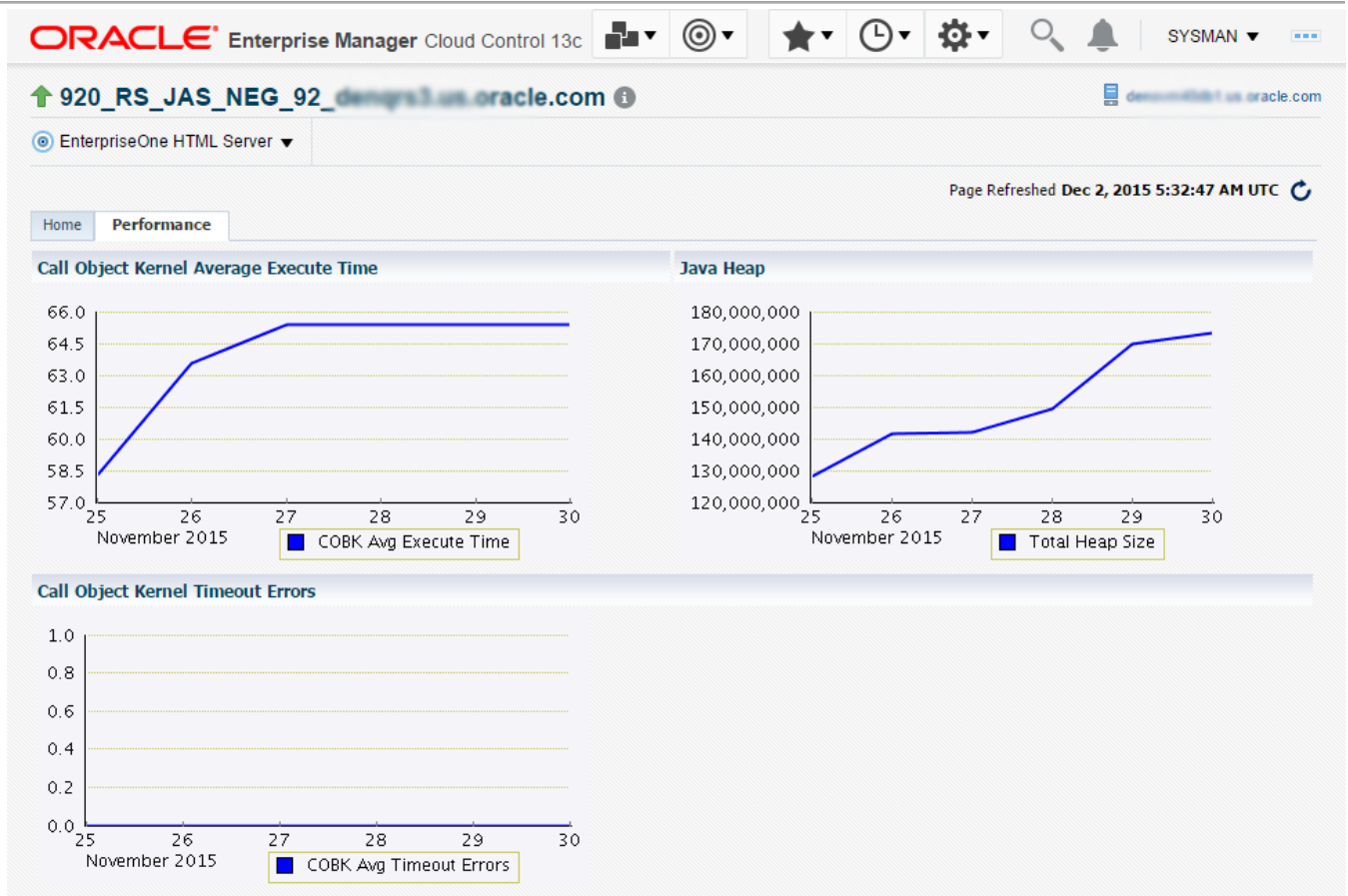
Name	Type	Status	Incidents
den00mf_ent_bug_6017_@nmtqa64.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0
@nmtqa64.us.oracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
@nmtqa64.us.oracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
@nmtqa64.us.oracle.com_[Z:\jde_smc_home\SCFMC]	EnterpriseOne Managed Home	↑	0 0 0
dnvmtqa64_JAS_82_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnvmtqa64_JAS_84_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnvmtqa64_JAS_86_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnvmtqa64_JAS_88_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnvmtqa64_JAS_BUG_92_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
dnvmtqa64_JAS_BUG_94_@nmtqa64.us.oracle.com	EnterpriseOne HTML Server	↑	0 0 0
@nmtqa64.us.oracle.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
@nmtqa64.us.oracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
dnvmtqa69_ent_6016_@nmtqa69.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0
dnvmtqa69_ent_6116_@nmtqa69.us.oracle.com	EnterpriseOne Enterprise Server	↑	0 0 0

1. On the Members for JDE EnterpriseOne Domain form, you can view the following details for each member:
  - o Status
  - o Alerts
  - o Policy Violations
2. For **EnterpriseOne Enterprise Server** and **EnterpriseOne HTML Server** member types, you can view the following performance data:
  - o Home tab
  - o User Count
  - o Performance tab

- Call Object Kernel Average Execute Time
- Java Heap
- Call Object Kernel Timeout Errors

Following are examples for each JD Edwards EnterpriseOne Server Type (Enterprise Server and HTML Server, respectively).





## Configuration Metrics for JD Edwards EnterpriseOne

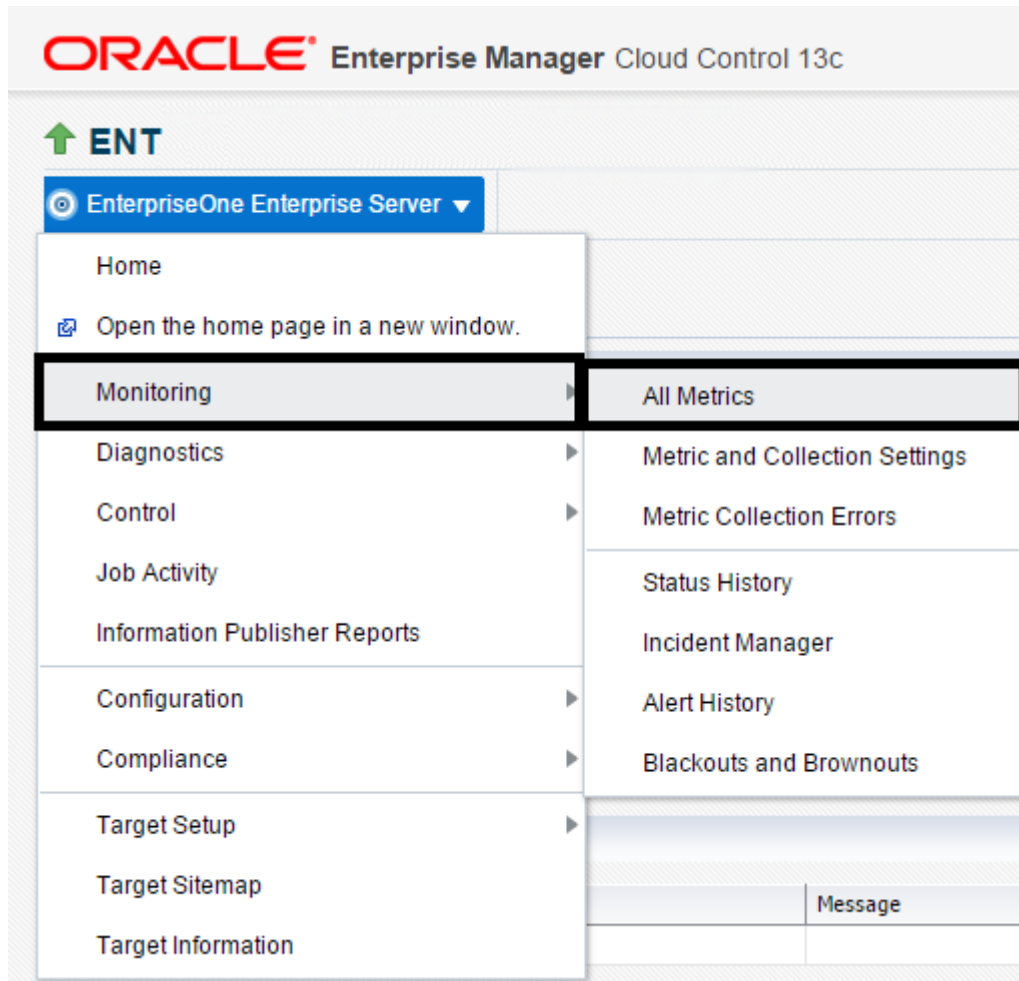
You can view all configuration metrics for these JDE EnterpriseOne member Types:

- [Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server](#)
- [Viewing All Metrics for JD Edwards EnterpriseOne HTML Server](#)

# Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne Enterprise Server

1. On Members for JDE EnterpriseOne Domain (or also from the Dashboard for the JDE EnterpriseOne Domain), click the link for the Name of the EnterpriseOne Enterprise Server.
2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne Enterprise Server, Monitoring, All Metrics.





3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Enterprise Server. These metrics include:
  - o Average CPU % Used by All Kernels
  - o Enterprise Server Process Manager
  - o Kernel Process
  - o Kernel Thread
  - o Network Process
  - o Response
  - o Total JDB Table Cache Count
  - o Total JDE Cache
  - o Total Number of DB Connections
  - o Total Number of Incoming Network Connections
  - o Total Number of Outstanding Requests
  - o Total Number of Users
  - o Other collected items

**ORACLE Enterprise Manager Cloud Control 13c**

EnterpriseOne Enterprise Server

920\_RS\_ENT > All Metrics

### All Metrics

Search

View

- 920\_RS\_ENT
  - Average CPU % Used by all Kernels
  - Enterprise Server Process Manager
  - Kernel Process
  - Kernel Thread
  - Network Process
  - Response
  - Total JDB Table Cache Count
  - Total JDE Cache
  - Total Number of DB Connections
  - Total Number of Incoming Network Connections
  - Total Number of Outstanding Requests
  - Total Number of Users
  - Other collected items.

#### Overview

**Open Metric Events**

0

Open Alerts

0 Critical
0 Warning

**Metric Collection Errors**

0

Metric Collection Errors

**Important Metric charts** View Data  Auto Refresh

No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history.

#### Deployed Metric Extensions

View

Name	Display Name	Runs On	Version	Description	Is Latest
No data to display.					

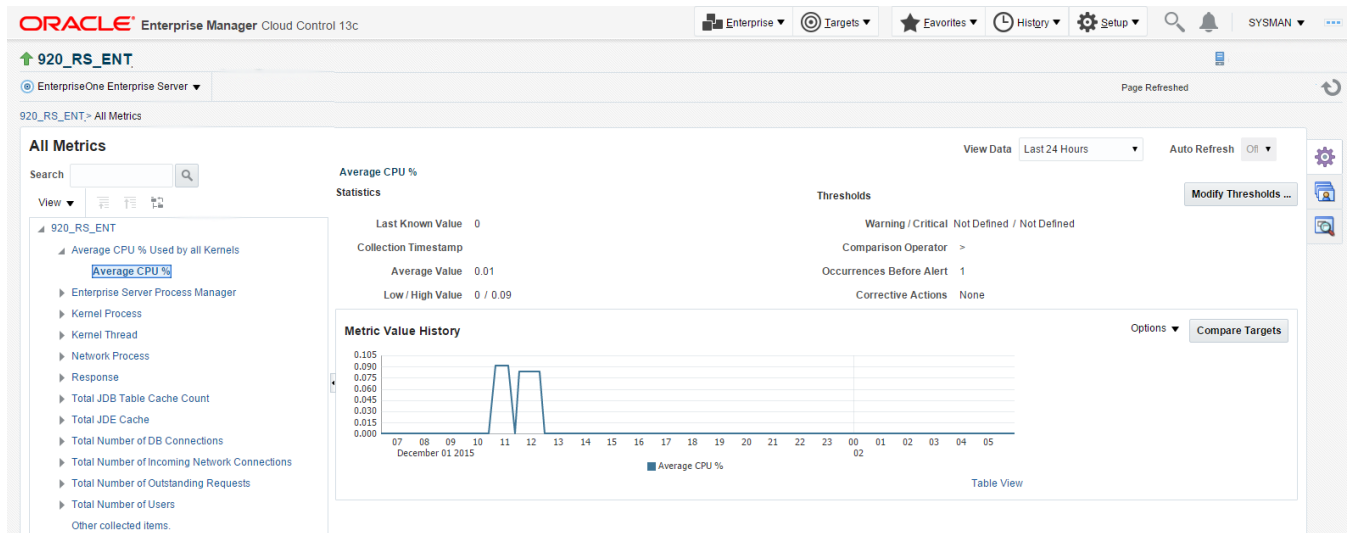
Columns Hidden 2

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Average CPU % Used By All Kernels node.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The breadcrumb trail shows the path: 920\_RS\_ENT > EnterpriseOne Enterprise Server > All Metrics. The left-hand navigation pane is expanded to show the 'Average CPU % Used by all Kernels' metric under the '920\_RS\_ENT' node. The main content area displays the configuration for this metric, including a collection schedule of 'Every 15 Minutes' and an upload interval of 'Every Collection'. A table titled 'Last Upload' shows the current real-time value for 'Average CPU %' as 0.06. A note below the table states: 'Data shown in above table is collected in real time.'

Metric	Thresholds	Real Time Value
Average CPU %	Not Set	0.06

5. You can also click the subnodes to display additional information. The following screen is a sample of the metrics shown when you click the Average CPU % subnode of the Average CPU % Used By All Kernels node.

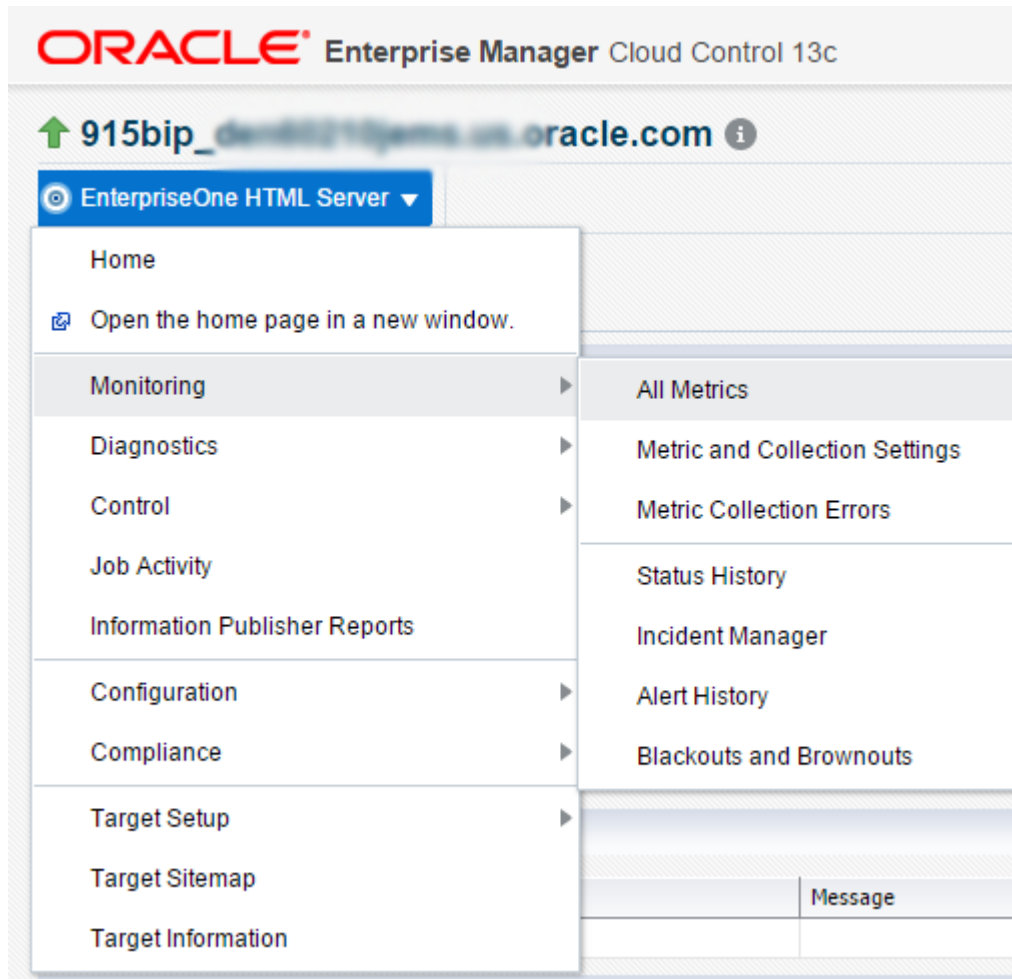


## Viewing All Metrics for JD Edwards EnterpriseOne HTML Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne HTML Server.

1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the EnterpriseOne HTML Server.

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne HTML Server, Monitoring, All Metrics.

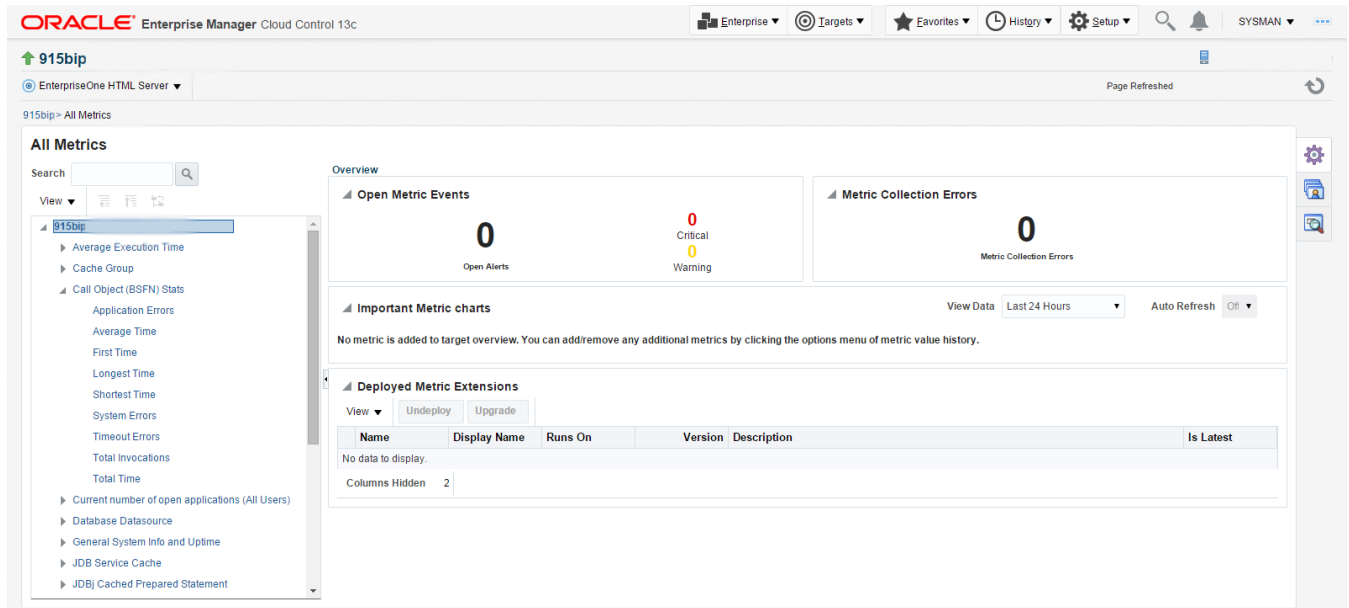


3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Enterprise Server. These metrics include:
  - Average Execution Time
  - Cache Group
  - Call Object (BSFN) Stats
  - Current number of open applications (All Users)
  - Database Datasource
  - General System Info and Uptime
  - JDB Service Cache
  - JDBj Cache Prepared Statement
  - JDBj Connection Manager
  - JDBj Pooled Connection
  - JDENET Connection Manager
  - JDENET Connection Pool Socket
  - Java Heap Memory Used
  - Response
  - Total Number of System Errors
  - Total Number of Timeout Errors
  - Total number of current users
  - Other collected items

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface for target 915bip. The main content area is titled 'All Metrics' and includes a search bar and a list of metrics on the left. The overview section shows 'Open Metric Events' with 0 Open Alerts, 'Metric Collection Errors' with 0 Metric Collection Errors, and 'Important Metric charts' with a note that no metric is added to the target overview. Below this is a table for 'Deployed Metric Extensions' which is currently empty.

Name	Display Name	Runs On	Version	Description	Is Latest
No data to display.					

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Call Object (BSFN) Stats node.



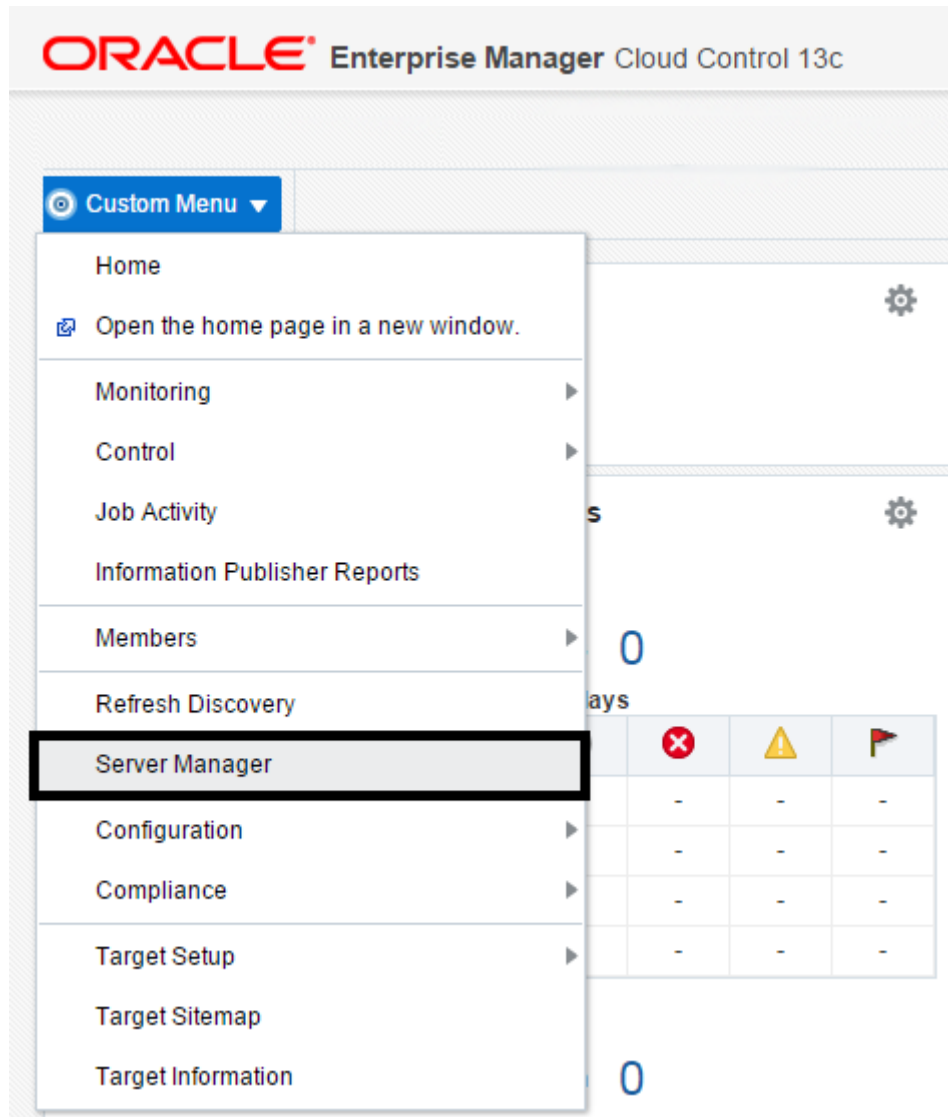


5. You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Application Errors subnode of the Call Object (BSFN) Stats node.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like Enterprise, Targets, Favorites, History, Setup, and a search icon. The main content area is titled '915bip' and shows a breadcrumb path: 'EnterpriseOne HTML Server > 915bip > All Metrics'. A search bar is present above the 'All Metrics' section. On the left, a tree view shows the hierarchy: '915bip' > 'Call Object (BSFN) Stats' > 'Application Errors'. The 'Application Errors' subnode is selected, and its details are shown in a table. The table has columns: 'JVM Node Id', 'Enterprise Server', 'Business Function Name', 'Average Value', 'Low Value', 'High Value', 'Last Known Value', 'Current Severity', 'Alert Triggered', and 'Last Collection Timestamp'. The table content is empty, displaying 'No data to display.' Below the table, there is a text input field with the placeholder 'Select row to see details...'. The right side of the interface includes a 'View Data' dropdown set to 'Last 24 Hours' and an 'Auto Refresh' toggle set to 'Off'.

## Accessing Server Manager from Cloud Control

You can directly access the JD Edwards EnterpriseOne Server Manager used in the installation of Enterprise Manager. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Server Manager.



You will be redirected to the Server Manager login page with this URL syntax:

```
http://SM_Host:SM_Port/manage/home
```

where *SM\_Host* and *SM\_Port* are retrieved from the monitoring configuration. For example, the URL might be:

```
http://globalwin2.mlab.jdedwards.com:8999/manage/home
```

The Server Manager target machine is derived from the values in these fields on Monitoring Configuration:

- Server Manager Hostname

- Server Manager HTTP Port

For example:

The screenshot displays the Oracle Enterprise Manager interface. At the top, the Oracle logo and 'Enterprise Mana' are visible. Below the navigation bar, there is a 'Custom Menu' dropdown and a 'Page Refreshed' indicator. The main section is titled 'Monitoring Configuration' and includes 'OK' and 'Cancel' buttons. The configuration fields are as follows:

* Enterprise Manager Agent Host	<input type="text"/>
* Server Manager Admin Password	.....
* Server Manager Admin User	.....
* Server Manager Hostname	<input type="text"/>
* Server Manager Http Port	8999
* Server Manager JMX Port	14501

The following example shows the Server Manager login page that is displayed when you are redirected.

**ORACLE** JD Edwards EnterpriseOne Server Manager



**Sign In**  
Enter your user ID and password.

User ID

Password

Sign In

This system is intended for limited (authorized) use and is subject to company policies.

Copyright © 2007, 2013 Oracle and/or its affiliates. All rights reserved. Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their

After you enter valid credentials for this Server Manager, the Server Manager Home page is displayed as shown in the following example:

Select Instance...

### Managed Homes and Managed Instances

Use the dropdown below to select the desired management view.

Select View: Managed Homes and Managed Instances

**Managed Homes**

Shown below are each of the known managed homes and the managed instances they contain. If there is a managed home that is not running and you wish to not see it listed here you may remove it.

Select [Managed Home]:

Select All | Select None

Managed Home Location	Managed Instances
<input type="checkbox"/> <a href="#">↑</a> appmgr/jde_home_agent/SCFHA	func_jas_92_7076 EnterpriseOne HTML Server <a href="#">↑</a> Running
	EM13c_REFRESH_JAS EnterpriseOne HTML Server <a href="#">↓</a> Stopped
	JMX_BSGV EnterpriseOne Business Services Server <a href="#">↑</a> Running
	dem6021jems_func_jas_7072 EnterpriseOne HTML Server <a href="#">↑</a> Running
	jas_92_7074 & func. EnterpriseOne HTML Server <a href="#">↑</a> Running
	RIETEST EnterpriseOne Transaction Server <a href="#">↑</a> Running
	jas_7070_jems_func. EnterpriseOne HTML Server <a href="#">↑</a> Running
	RTE_JMX EnterpriseOne Transaction Server <a href="#">↓</a> Stopped
	ahs_92_7084 & func. EnterpriseOne Application Interface Services <a href="#">↑</a> Running

## Removing the JD Edwards EnterpriseOne Domain

1. Navigate to Targets, Systems, and with the JDE EnterpriseOne Domain selected, click the Remove button.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

Systems Auto Refresh Off Page Refreshed Dec 2, 2015 6:54:10 AM UTC

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search Saved Searches

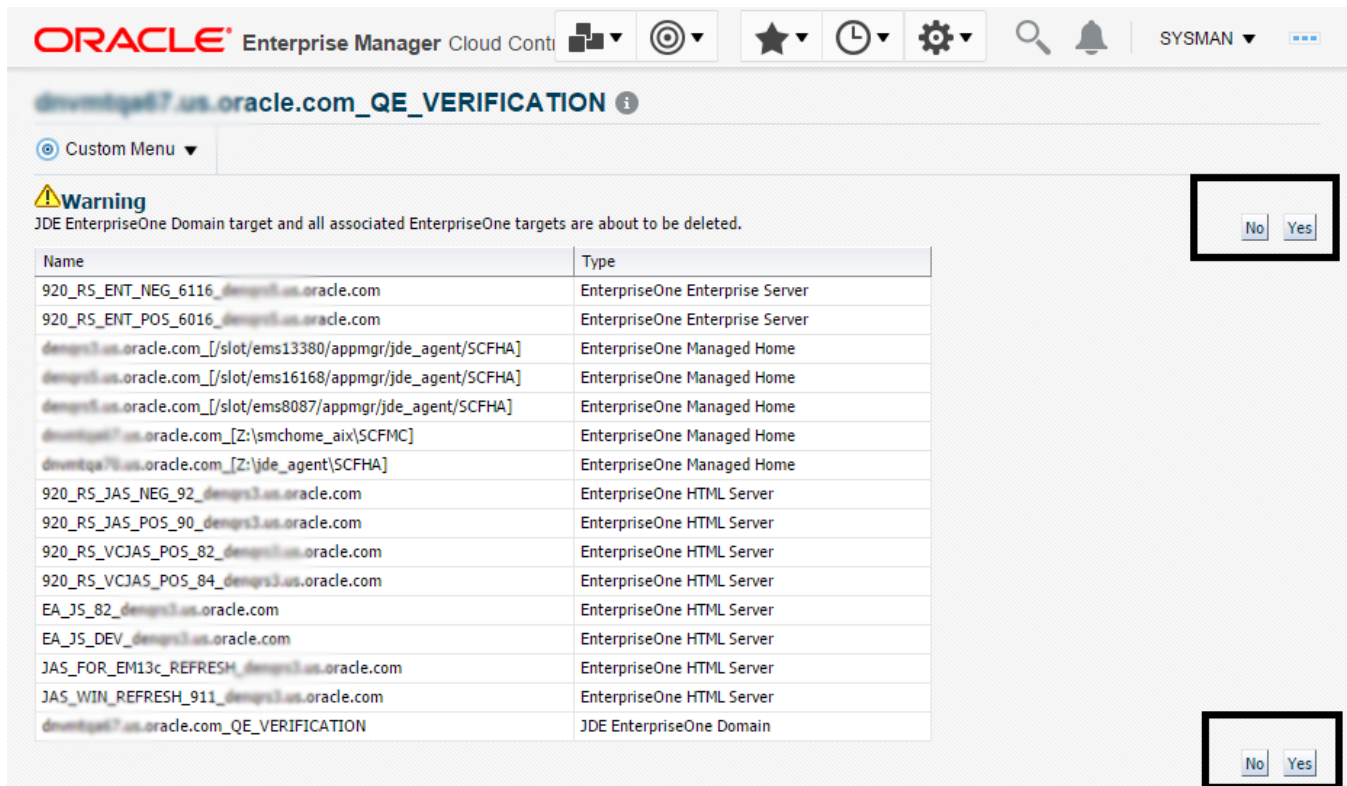
Search All Name  Advanced Search

View

Name	Privilege Propagation	Type	Status	Members	Member Status Summary	Incidents
dem9211@ems.us.oracle.com_OE_VERIFICATION		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (5), Managed Home (2), Transaction Server, More...	2 8 - - - - 2	- - - -
dem9217@us.oracle.com_OE_VERIFICATION		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (2)	1 14 - - - - 1	- - - -
EONE_91_OLD_TARGET_26112015_dem9211@ems.us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Business Services Server (7), EnterpriseOne Managed Home (3), EnterpriseOne Transaction Server (1), More...	6 6 - - - - 6	- - - -
EONE_92_AIX_WAS_01122015_dem9217@us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (2)	1 14 - - - - 1	- - - -
EONE_92_AIX_WAS_dem9217@us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (8), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (2)	1 14 - - - - 1	- - - -
JMX_ENABLED_26_11_2016_dem9214@us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (5), EnterpriseOne Enterprise Server (3)	- 14 - - - - -	- - - -
JMX_SECURITY_ENABLED_1_26112015_wildfire@us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6), EnterpriseOne Managed Home (2)	4 4 - - - - 4	- - - -
JMX_Security_Enabled_2_wildfire@us.oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Managed Home (17), EnterpriseOne HTML Server (10), EnterpriseOne Enterprise Server (8)	9 24 - 2 - - 9	- - - -
Management Services and Repository	✓	OMS and Repository	↑	Application Deployment (4), Host (1), Oracle Management Service (1), More...	- 9 - - - - -	- - - -

Cloud Control displays a warning and lists the Domain target and associated EnterpriseOne targets that will be deleted.

2. As shown in the screen below, click the Yes button to confirm the deletion.



After you click the Yes button, Cloud Control displays a progress screen indicating the deletion of the JD Edwards EnterpriseOne targets.

After the system domain target is deleted, Cloud Control returns to the All Targets page.

## Starting and Stopping Components of Enterprise Manager Environments

This section discusses:

- *Starting Enterprise Manager Environment Components*
- *Stopping Enterprise Manager Environment Components*



## Starting Enterprise Manager Environment Components

Use these commands to start Enterprise Manager environment components:

- **Start database**

```
sqlplus '/as sysdba'  
sql> startup
```

- **Start Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl start
```

- **Start WebLogic Node Manager**

```
Stop ADMIN SERVER from console in case it is running without Node Manager  
/u01/app/emgc13/wlserver_12.1/server/bin/setWLSEnv.sh  
/u01/app/emgc13/wlserver_12.1/server/bin/startNodeManager.sh
```

- **Start OMS**

```
/u01/app/emgc13/oms/bin/emctl start oms
```

- **Start Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl start agent
```

## Stopping Enterprise Manager Environment Components

Use these commands to stop Enterprise Manager environment components:

- **Stop Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl stop agent
```

- **Stop OMS (this stops the OMS Server)**

```
/u01/app/emgc13/oms/bin/emctl stop oms
```

- **Stop Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl stop
```

- **Stop Database**

```
sqlplus '/as sysdba'  
sql> shutdown immediate
```



# 8 Using Enterprise Manager 13.2 Cloud Control with JD Edwards EnterpriseOne

## Additional Information about Cloud Control

For additional information, refer to these Cloud Control resources:

- *Enterprise Manager Documentation*

[http://docs.oracle.com/cd/E73210\\_01/index.htm](http://docs.oracle.com/cd/E73210_01/index.htm)

The above Oracle website includes HTML and PDF versions of these documents:

- Enterprise Manager Concepts
- Administrator's Guide
- Basic Installation Guide
- Advanced Installation and Configuration Guide
- Administrator's Guide for Software and Server Provisioning and Patching
- Oracle Enterprise Manager List of Books

## Using Cloud Control for the First Time

The Cloud Control console provides support for creating and managing Cloud Control administrator accounts. The Cloud Control administrators you create and manage in the Cloud Control console are granted privileges and roles to log in to the Cloud Control console and to manage specific target types and to perform specific management tasks.

During installation, these tasks are performed automatically:

- A default Super Administrator SYSMAN account is created with the password you specify.
- The SYSMAN account is automatically configured to receive email notifications, if you provide the email notification settings during installation. Email notifications are set up with default Notification Rules for critical conditions.

After installation, you can immediately log in to the Cloud Control console with the SYSMAN username and your password to perform management tasks. The next step is to create a new Super Administrator account to monitor and manage the JD Edwards EnterpriseOne targets.

**Note:** The SYSMAN account owns the database schema containing the Management Repository and should *not* be used after the initial login.

## Accessing the Cloud Control Console

To access Cloud Control, use the syntax of the following URL:

`https://<Oracle Management Service_hostname>.<domain>:<port>/em`

For example:

`https://machine_host.example.com:7799/em`

## Cloud Control Home Page

On Select Enterprise Manager Home, you can choose a grid home page from the options shown on this screen. If these options do not match your job profile or role, use SYSMAN, Welcome Page and select one of the options displayed to make any other page in Enterprise Manager as your home page. Alternately, you can also use SYSMAN, Set Current Page as My Home to select any other Enterprise Manager page as your Home Page. For instructions on making the JD Edwards Domain your home page in Enterprise Manager, refer to [Navigating to the JDE EnterpriseOne Domain Home Page](#).

**ORACLE** Enterprise Manager Cloud Control 13c
Enterprise ▾ Targets ▾ Favorites ▾ History ▾ Setup ▾
SYSMAN ▾

## Welcome to Enterprise Manager Cloud Control 13c

Oracle Enterprise Manager is Oracle's integrated enterprise IT management product line, which provides the industry's only complete, integrated and business-driven enterprise cloud management solution. Oracle Enterprise Manager creates business value from IT by leveraging the built-in management capabilities of the Oracle stack for traditional and cloud environments, allowing customers to achieve unprecedented efficiency gains while dramatically increasing service levels.

### Latest Features

- Monitoring during maintenance periods
- Improved SOA management
- Quick resolution for all events types using corrective actions


[View all the features](#)

### Learn More

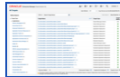
- [Oracle Documentation](#)
- [Oracle Learning Library](#)
- [Oracle University Courses](#)

### Select Enterprise Manager Home Page


Select your personal Home Page from one of the options below. Once selected, your personal Home Page will appear the next time you log in. Click an image below for a larger preview, then select a radio button to choose your personal Home Page.




Welcome Page  
*Best for: New Users*




All Targets  
*Best for: Enterprise Manager Administrators*




Sitemap  
*Best for: All Users*




Summary  
*Best for: Enterprise Manager Administrators*




Databases  
*Best for: Database Administrators*




Incidents  
*Best for: On-call IT Operations personnel*




SOA  
*Best for: SOA Architect*



Middleware  
*Best for: WebLogic and Middleware Administrators*



Composite Application  
*Best for: Application Architects*




Services  
*Best for: IT Executive Staff*

**TIP** To return to this Welcome Page use SYSMAN menu > Welcome Page.

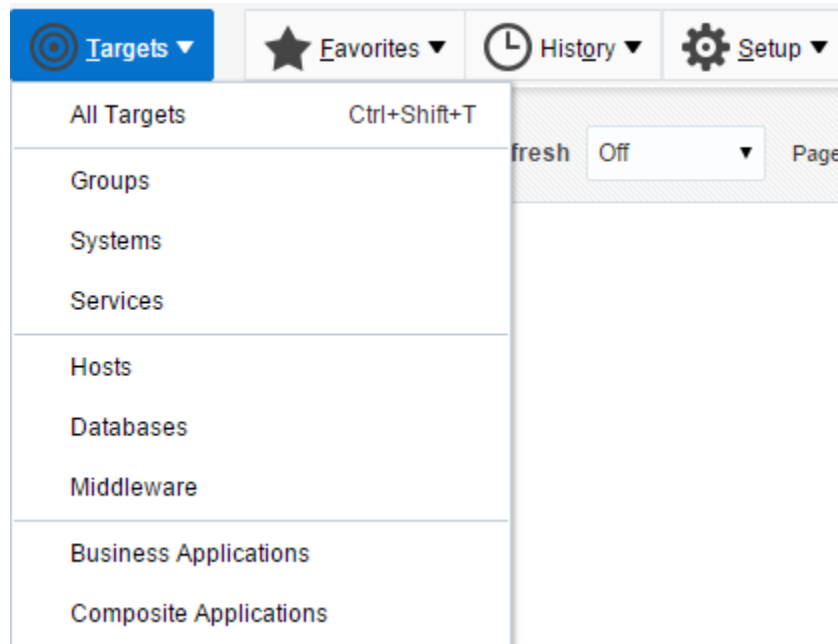
### Getting Started

- › Verify Software Library Setup
- › Configure Management Agent Proxies
- › Verify My Oracle Support Connectivity
- › Add An Additional OMS
- › Configure E-mail Notifications
- › Download Management Agent Software
- › Download and Deploy Management Plug-ins
- › Discover Targets
- › Create Administration Groups
- › Create Accounts and Assign Roles
- › Create Administrator Roles

 The common Getting Started tasks can be accessed from the [Setup Console](#).

## Viewing the Targets

To view all existing Cloud Control targets, click the Targets drop-down menu. This control displays rows that further define targets by type, such as groups, systems, services, hosts, databases, middleware (application servers), and composite applications.



# Adding the JD Edwards EnterpriseOne Domain

To add the JD Edwards EnterpriseOne domain to Cloud Control:

1. On the Systems form, with the JDE EnterpriseOne Domain selected, select JDE EnterpriseOne Domain from the Add drop-down menu.

Name	Privilege Propagation	Type	Size	Members	Member Status Summary	Incidents
Database System						
Exalytics System						
Generic System						
Identity and Access System						
JDE EnterpriseOne Domain	✓	Oracle WebLogic Domain	n...	Application Deployment, (6)	13	9
Oracle Exalogic	✓	Oracle WebLogic Cluster	↑	Application Deployment, (2)	5	
Oracle Public Cloud Machine	✓	Clustered Application Deployment	↑	Application Deployment (1)	1	
Redundancy System	✓	Clustered Application Deployment	↑	Application Deployment (1)	1	
/EMGC_GCDomain/GCDomain/BIP_cluster/ESSAPP	✓	Clustered Application Deployment	↑	Application Deployment (1)	1	
/EMGC_GCDomain/GCDomain/BIP/bipublisher(11.1.1)	✓	Application Deployment	↑			
/EMGC_GCDomain/GCDomain/BIP/ESSAPP	✓	Application Deployment	↑			

2. On the Add JDE EnterpriseOne Domain form, complete these fields:

- o *EnterpriseOne Domain Target Name*

Enter the name of the domain for JD Edwards EnterpriseOne. The name of the Server Manager host will be appended to this name if you do not specify it.

For example, enter **dev\_env**.

- o *Enterprise Manager Agent Host Machine*

Enter the machine name on which the Enterprise Manager agent is installed. For example, enter **denlx01**.

- o *Server Manager Host*

Enter the fully qualified machine name of your Server Manager host.

- o *Server Manager HTTP Port*

Enter the HTTP port that will be used to connect to Server Manager. The default value is **8999**.

- o *Server Manager JMX Port*

Enter the JMX port that will be used to connect to Server Manager. The default value is **14501**.

- o *Server Manager Admin User*

The default value, which should not be changed, is **jde\_admin**.

- o *Server Manager Admin Password*

Enter a valid value for the password of your Server Manager administrator.



ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Star Clock Settings Search Bell SYSMAN

Cancel OK

### Add JDE EnterpriseOne Domain

Enter required parameters needed to discover all targets within a JDE EnterpriseOne Domain managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this process.

\* EnterpriseOne Domain Target Name   
Name of target to be created. (Server Manager host will be appended if not already in the string provided.)

\* Enterprise Manager Agent Host Machine    
Enterprise Manager Agent Host Machine

\* Server Manager Host   
Server Manager Host for this target.

\* Server Manager HTTP Port   
Server Manager HTTP Port used.

\* Server Manager JMX Port   
Server Manager JMX Port used.

\* Server Manager Admin User   
Server Manager jde\_admin User (This should not be changed from the default jde\_admin user.)

\* Server Manager Admin Password    
Server Manager jde\_admin Password.

Cancel OK

**3.** Click the OK button to add the domain.

As Cloud Control adds the JD Edwards Domain and associated targets, it performs the following functions:

- Discovering: JD Edwards EnterpriseOne Domain
- Creating: JD Edwards EnterpriseOne Domain target
- Saving: JD Edwards EnterpriseOne Domain targets discovered

After the processing is complete, the home page for the JD Edwards EnterpriseOne Domain is displayed, as shown in the following example:

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface for a specific component. The top navigation bar includes 'Enterprise', 'Targets', 'Favorites', 'History', 'Setup', and a search icon. The user 'SYSMAN' is logged in. The page is refreshed on May 20, 2016, at 12:10:50 AM GMT-07:00.

**General**  
 Owner: SYSMAN  
 Privilege Propagation: Disabled

**Overview of Incidents and Problems**  
 Incidents: Updated in last 7 days: 0  
 Breakdown of incidents updated in the last 7 days:  

Category	Incidents	Problems
Availability	-	-
Performance	-	-
Security	-	-
Others	-	-

 Problems: Total Open: 0

**Jobs Activity**  
 Summary of jobs whose start date is within the last 7 days.  
 Show: Latest Run  
 Show Jobs

**Blackouts**  
 Create  
 Submitted to

**Status**  
 8 Members  
 Most Affected Members (Last 24 Hours):  

Name	Type	Key Member	Status	Availability (%)
dev_ems1_dev@9201@ems.us.oracle.com			↑	100
dev@131@ems.us.oracle.com [slot:ems18765@ppmgr/jde_agent/SCFHA]			⚠	n/a
dev@131@ems.us.oracle.com [slot:ems_AIS_7040_@ems.us.oracle.com]			↑	99.59
dev@131@ems.us.oracle.com [slot:ems_jas_8020_@ems.us.oracle.com]			↑	100
dev@131@ems.us.oracle.com [slot:ems9920@oracle/jde_agent/SCFHA]			↑	100
dev@131@ems.us.oracle.com [slot:ems_bssv_7020_@ems.us.oracle.com]			↑	100
dev@131@ems.us.oracle.com [slot:ems9920@oracle/Middleware/jde_home_...]			↑	100
EMCC_ENT_6016 dev@131@ems.us.oracle.com			↑	100

**Compliance Summary**  
 Compliance Standards | Members  
 View Trends  
 Compliance Standard: No data to display | Average Score

**Dependent Targets**  
 Name | Type | Status | Association  
 No dependent targets.

## Editing the JD Edwards EnterpriseOne Domain

To edit the JD Edwards EnterpriseOne domain:

1. On the Systems form, with the JDE EnterpriseOne Domain row highlighted, click the Edit button to display the Monitoring Configuration page of the JDE EnterpriseOne Domain, as shown in the following example:

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

**Systems** Auto Refresh Off Page Refreshed

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search Saved Searches

Search All Name Advanced Search

Save...

View + Add **Edit** Remove

Name	Privilege Propagation	Type	Str Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/empbs	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n... Application Deployment, Cluste Applc Depl (1)	- 2 - - -	- - - - -
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - -	- - - - -
Cloud		Cloud	n...	- - - - -	- - - - -
dev_env		JDE EnterpriseOne Domain	EnterpriseOne Ent Managed Home (3)	- 7 - 1 - - -	- - - - -
Management Services and Repository	✓	OMS and Repository	Application Deployment, Host (4)	- 9 - - -	- - - - -

Columns Hidden 13

2. Make the required changes, and then click OK to save the changes.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various icons for Enterprise, Targets, Favorites, Refresh, Settings, Search, and Notifications. The main content area is titled 'Monitoring Configuration' and contains a form with the following fields:

- \* Enterprise Manager Agent Host: [Empty text box]
- \* Server Manager Admin Password: [Masked password field]
- \* Server Manager Admin User: [Masked password field]
- \* Server Manager Hostname: [Empty text box]
- \* Server Manager Http Port: 9120
- \* Server Manager JMX Port: 16521

At the bottom right of the form, there are 'OK' and 'Cancel' buttons. The 'OK' button is highlighted with a red rectangular box.

**Note:**

You must use the Refresh Discovery process for the system to reflect the changes you have made.

See [Updating the JD Edwards EnterpriseOne Domain \(Refresh Discovery\)](#)

## Navigating to the JDE EnterpriseOne Domain Home Page

1. Navigate to Targets, Systems, and select the row where the Type column value is JDE EnterpriseOne Domain.

2. To navigate to the JD Edwards EnterpriseOne Domain Home page, on the Systems form, on the row with the **JDE EnterpriseOne Domain**, click the hyperlink in the Name column where the Type column value is JDE EnterpriseOne Domain.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

**Systems** Auto Refresh Off Page Refreshed

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search Saved Searches

Search All Name Advanced Search

Save...

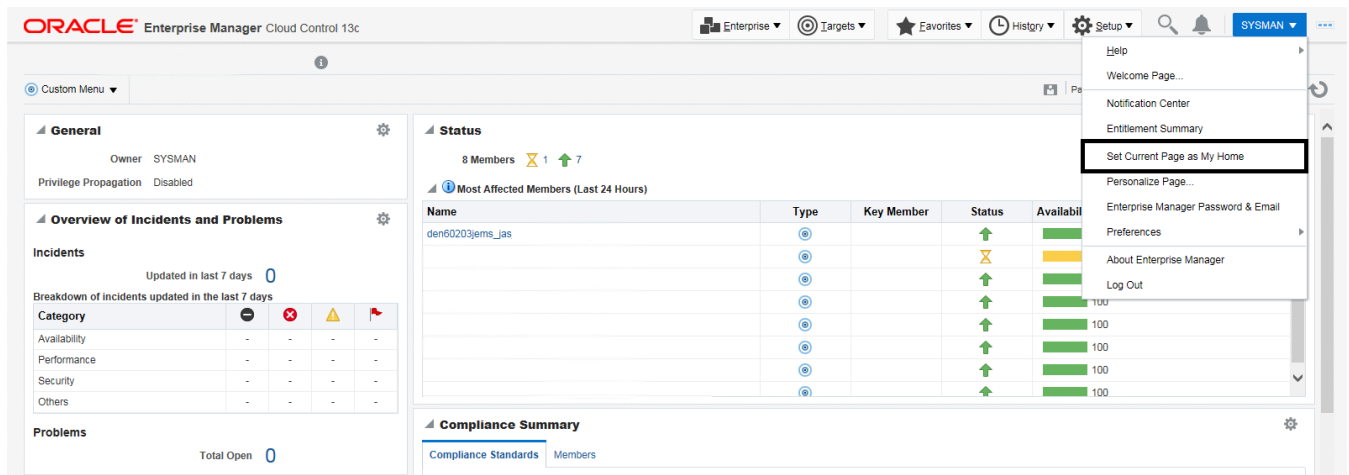
View Add Edit Remove

Name	Privilege Propagation	Type	Size	Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/empbs	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n...	Application Deployment (1) Cluste Applic Depl (1)	- 2 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
Cloud		Cloud	n...		- - - - -	- - - - -
dev_env		JDE EnterpriseOne Domain	n...	EnterpriseOne Managed Home (3) Ent Bus Ser Ser	- 7 - 1 - - -	- - - - -
Management Services and Repository	✓	OMS and Repository		Application Deployment (6) Host (1)	- 9 - - - -	- - - - -

Columns Hidden 13



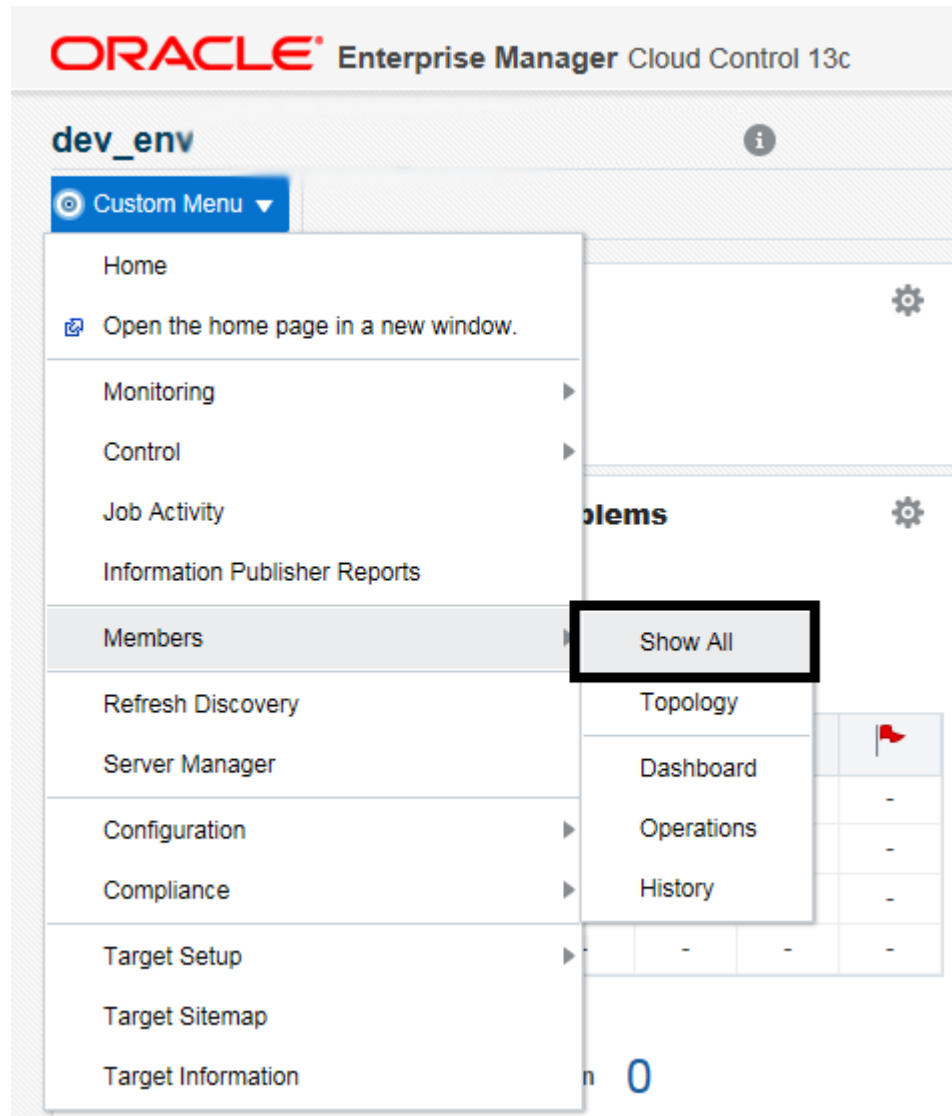
- Optionally you can set the JD Edwards Domain as your Cloud Control home page, with the JD Edwards Domain page as the current page in your Cloud Control session, navigate SYSMAN, Set Current Page as My Home (see below figure).



# Displaying Members of the JD Edwards EnterpriseOne Domain

To display members of the JD Edwards EnterpriseOne Domain:

1. With the JD Edwards EnterpriseOne Domain displayed, navigate to Custom Menu, Members, Show All.



Cloud Control displays a list of members as shown in the following example:

Page Refreshed May 20, 2016 1:05:44 AM GMT-07:00

View  All Members  Direct Members  Indirect Members

Search

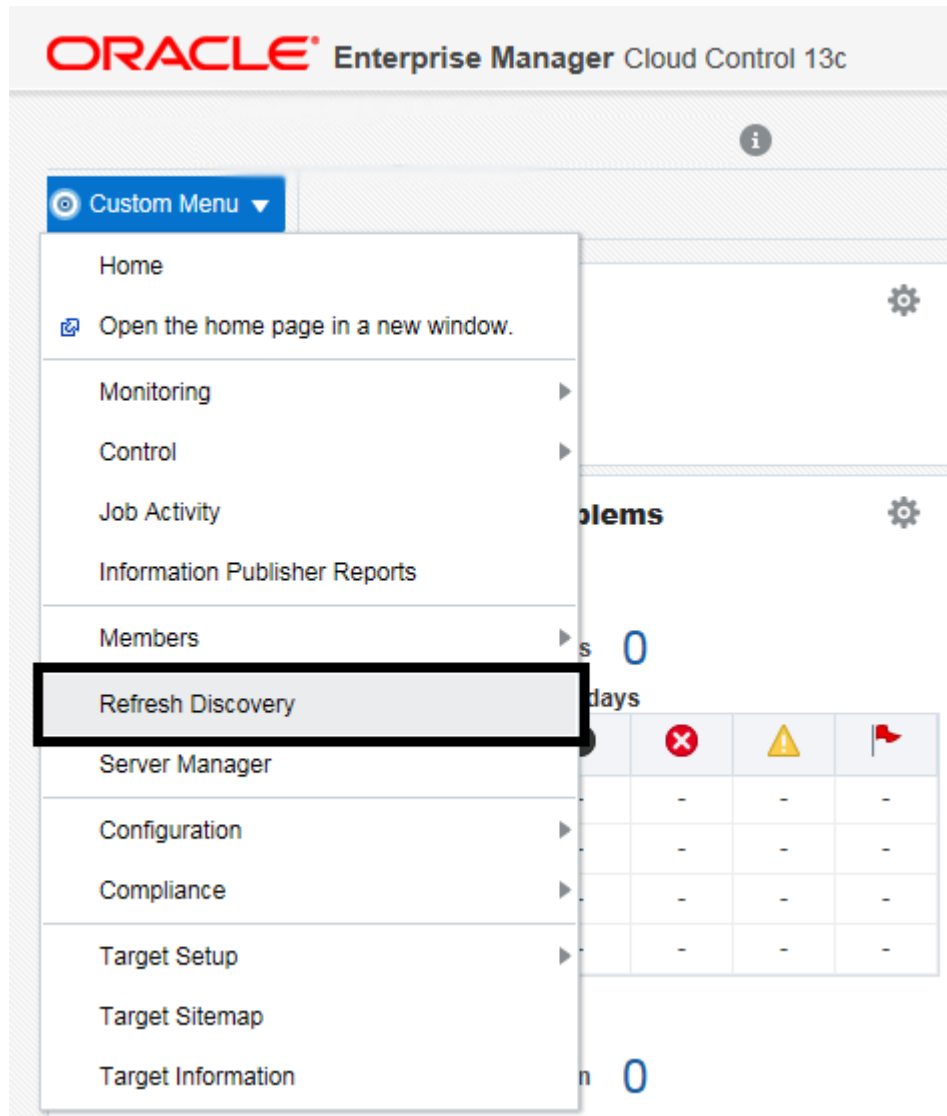
Name	Type	Status	Incidents
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home	↑	0 0 0
_AIS_7040	EnterpriseOne Application Interface Services	↑	0 0 0
bssv_7020	EnterpriseOne Business Services Server	↑	0 0 0
bssv_7022ems	EnterpriseOne Business Services Server	↑	0 0 0
jas_8020	EnterpriseOne HTML Server	↑	0 0 0
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	⚠	0 0 0
EMCC_ENT_8016	EnterpriseOne Enterprise Server	↑	0 0 0

**Note:** JD Edwards EnterpriseOne Application Pack now also supports JD Edwards Application Interface Services Server and JD Edwards Deployment Server. For the Application Interface Services Server, Runtime Metrics and Configuration Metrics are available; for the Deployment Server, only Configuration Metrics is available.

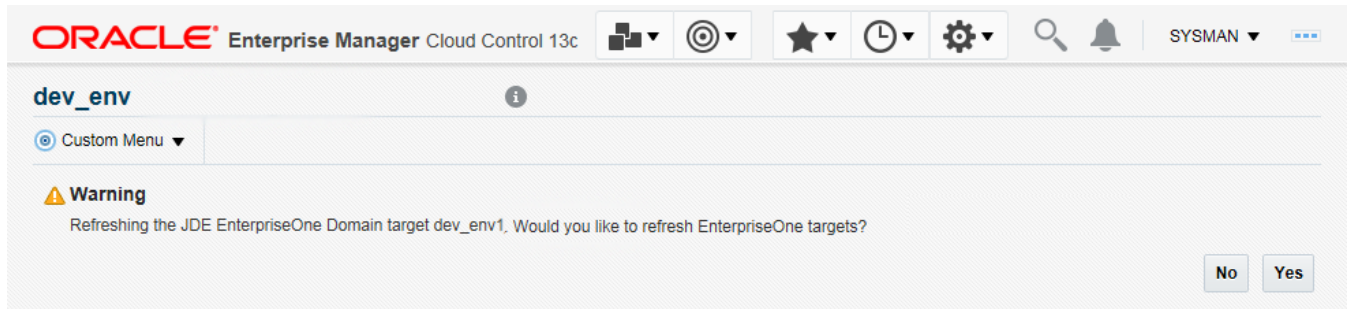
## Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)

To update the JD Edwards EnterpriseOne domain to Cloud Control, use Refresh Discovery as described below.

1. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Refresh Discovery.



2. Cloud Control displays the following warning. On the Warning screen, verify the target and click the **Yes** button to complete the refresh action.



The Cloud Control system refreshes the JD Edwards EnterpriseOne Domain and associated targets. When the process is complete, the system displays the JD Edwards EnterpriseOne Domain Home Page.

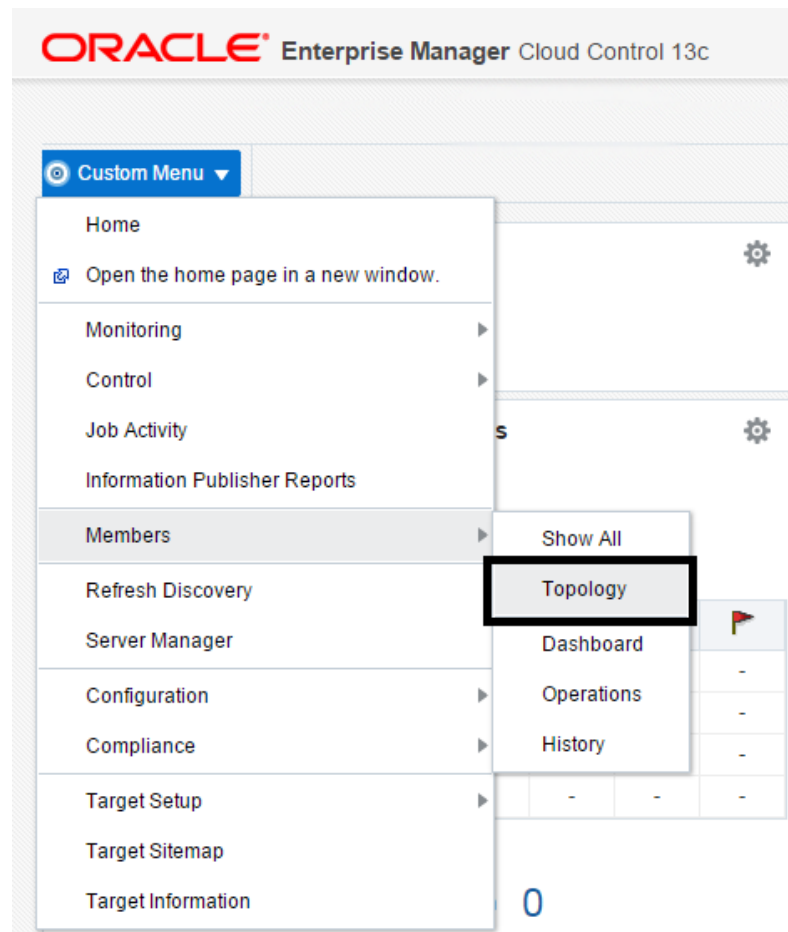
## Displaying the Configuration Topology

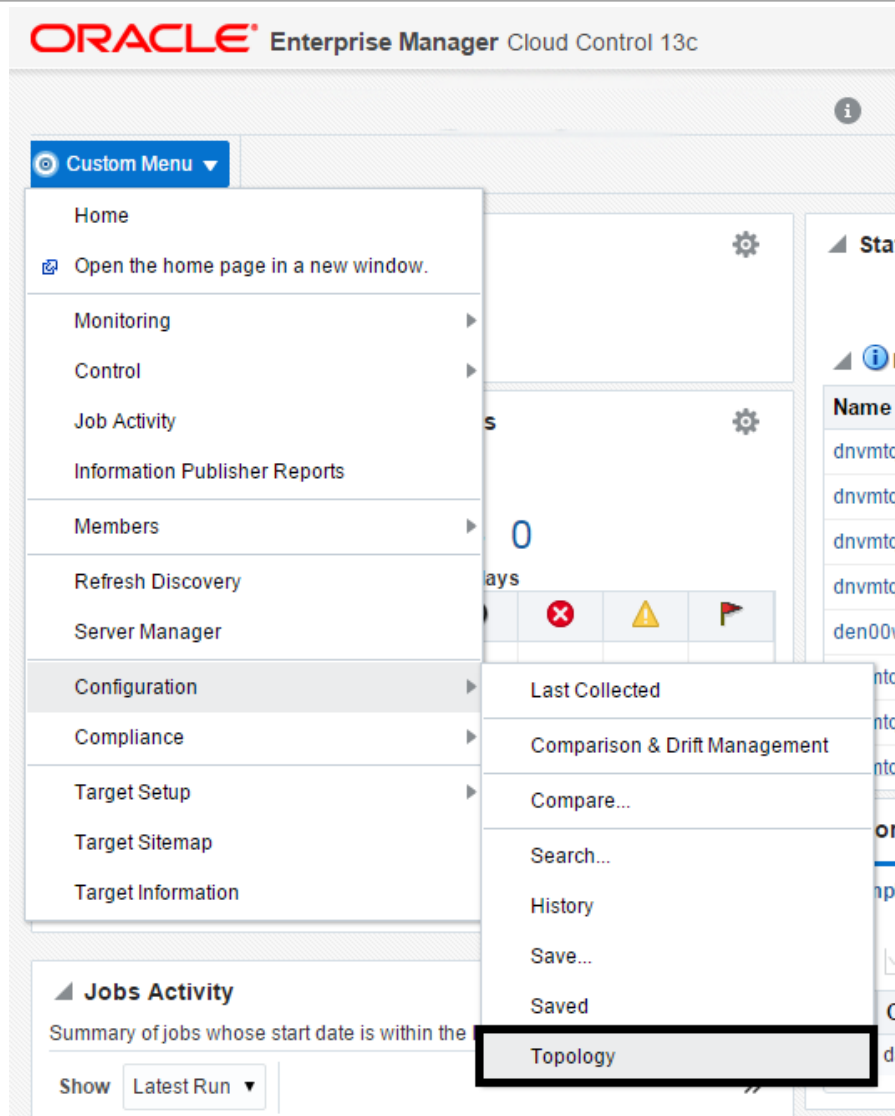
There are several methods to display the configuration topology of the JD Edwards EnterpriseOne Domain.

1. On the JD EnterpriseOne Domain home page, choose either of these navigations:

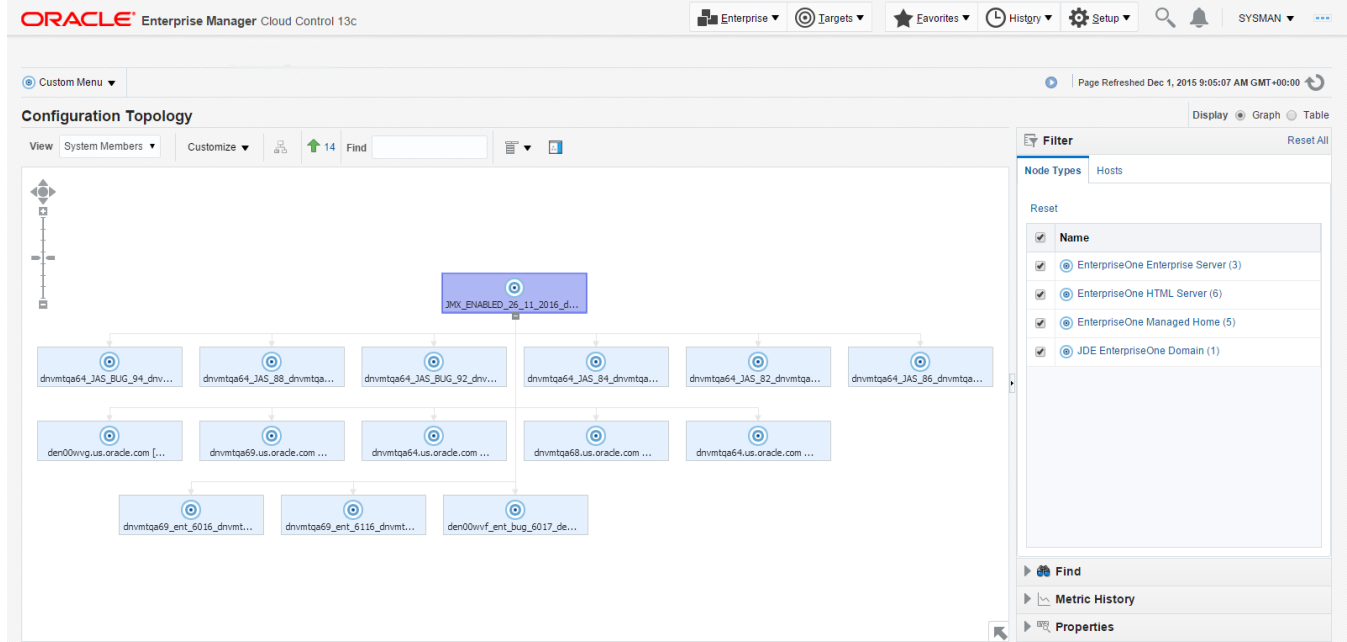
Custom Menu, Members, Topology

Custom Menu, Configuration, Topology





Cloud Control displays a topology graphic as shown in the following example:



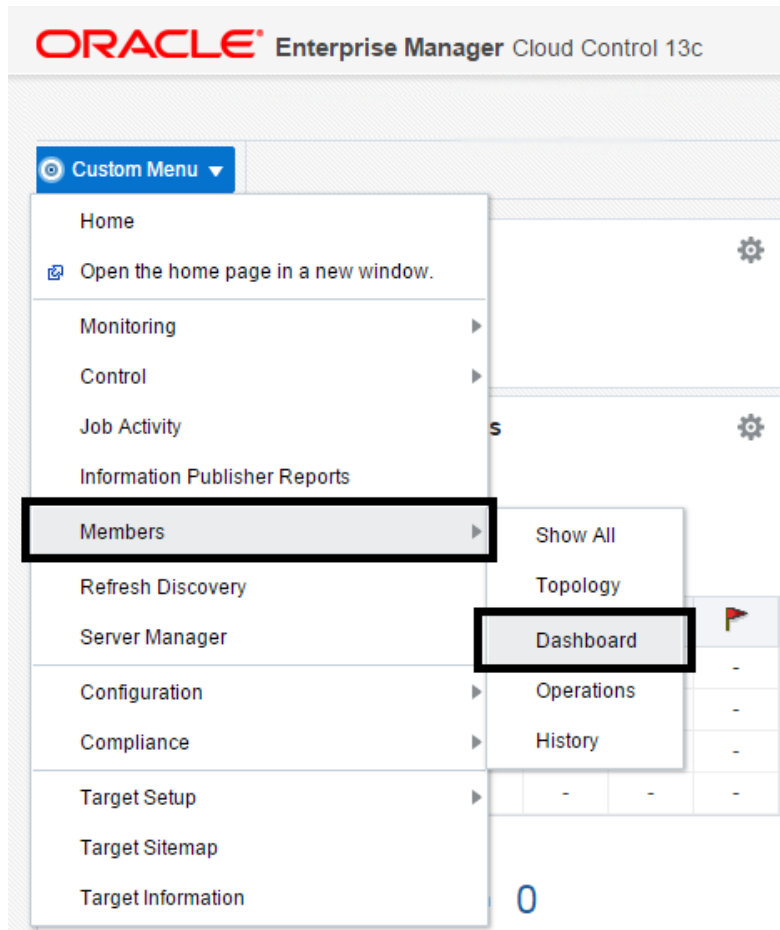
## Navigating to the System Monitoring Dashboard

Use the System Dashboard to view the health of managed targets within a group or system in real time. The System Dashboard presents information using intuitive icons and graphics that let you spot recent changes and quickly identify and respond to problems. You can:

- Customize the display attributes to match information requirements of managed targets.
- Monitor status for recent problems.



To access the System Monitoring Dashboard, navigate to Custom Menu, Members, Dashboard.



The following example illustrates the dashboard for the JD Edwards EnterpriseOne Domain.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets

JDE EnterpriseOne Domain: ECONE\_SM Page Refreshed Stop Auto Refresh Customize

Member Targets (8)

Name	Target Type	Status	Incidents				Compliance Violations		
			1	2	3	4	5	6	7
bssv_7020	EnterpriseOne Business Servic...	1 ↓	1	-	-	-	-	-	-
EMCC_ENT_6016	EnterpriseOne Enterprise Server	1 ↑	-	-	-	-	-	-	-
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-
jas_8020	EnterpriseOne HTML Server	1 ↑	-	-	-	-	-	-	-
bssv_7022	EnterpriseOne Business Servic...	1 ↑	-	-	-	-	-	-	-
AIS_7040	EnterpriseOne Application Inter...	1 ↑	-	-	-	-	-	-	-
	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-

Incidents and Problems

Actions View Category All Acknowledge Clear ... 1 0 0 0

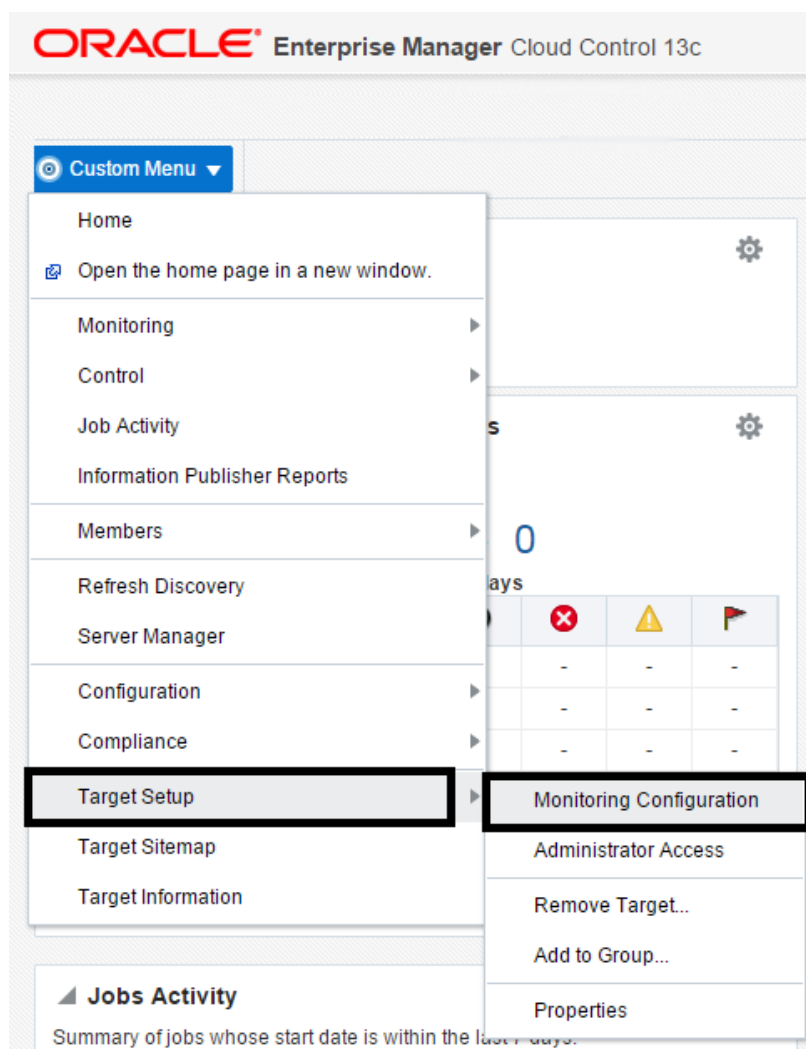
Summary	Severity	Status	Escalation Level	Type	Time Since Last Update	Target Name	Last Comment
The Business Services Server instance is down	1	New	No	Incident	7 days 22 hours	den60203jems_...	(Incident created by rule (Name = Incident management rule set for all targets, Incident creation rule for a Target Down availability status [System generated rule])) on Jun 6, 2016 11:03:02 PM PDT

Columns Hidden 12

## Monitoring Configuration

Cloud Control automatically sets up monitoring configuration for the JDE EnterpriseOne targets.

1. With a JDE target selected (for example, the HTML Server), navigate to Custom Menu, Target Setup, Monitoring Configuration.



If the Monitoring section of the screen indicates that monitoring is automatically enabled for the target's availability and performance, no further monitoring configuration is necessary. You can edit the metric thresholds from the target's home page.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Star Clock Settings Search Bell SYSMAN

Custom Menu Page Refreshed

### Monitoring Configuration

OK Cancel

\* Enterprise Manager Agent Host

\* Server Manager Admin Password

\* Server Manager Admin User

\* Server Manager Hostname

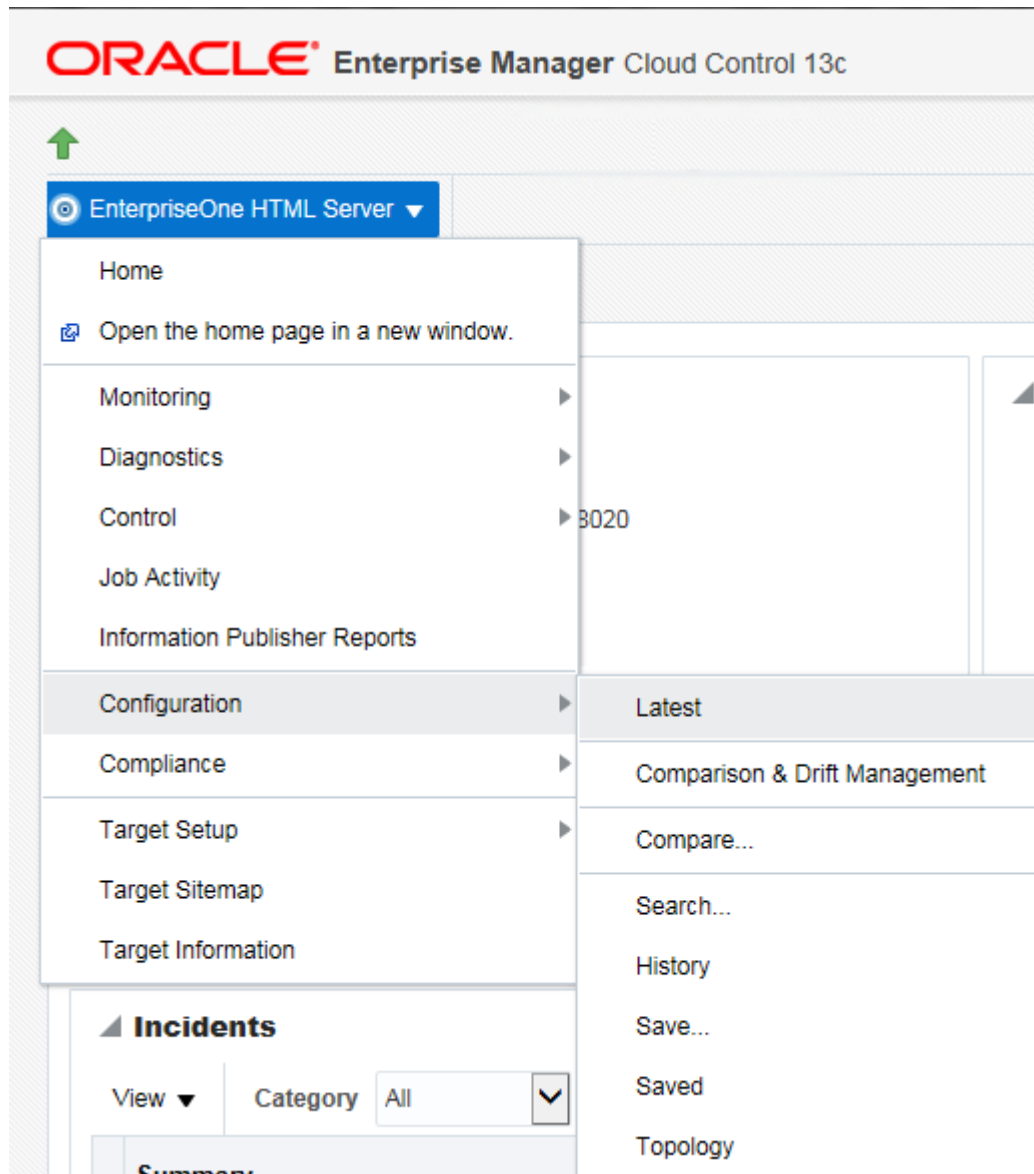
\* Server Manager Http Port 9120

\* Server Manager JMX Port 16521

## Viewing the Latest Configuration Data

Use this procedure to obtain the latest configuration data for members of the JD Edwards EnterpriseOne Domain. The procedure allows you to see configuration information that is in files such as the `jde.ini` and `jas.ini`. In addition to viewing the configuration information, you can Export or Detach it.

1. With a JD Edwards EnterpriseOne target selected, navigate to EnterpriseOne HTML Server, Configuration, Latest.



Cloud Control displays the latest configuration for the selected Target.

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne HTML Server.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, the text "Enterprise Manager Cloud Control 13c", and various utility icons. Below the navigation bar, the breadcrumb path is "EnterpriseOne HTML Server". The main content area is titled "Latest Configuration" and includes a "Refresh" button and a "Configuration Report" link. A left-hand pane shows a tree view with "JDE EnterpriseOne Configuration" selected. The main pane displays "Configuration Changes 2" with tabs for "Configuration Properties", "Immediate Relationship", "Member Of", "Uses", and "Used By". The "Configuration Properties" tab is active, showing a table of properties. Above the table, there are options for "View", "Export", and "Detach".

Property Name	Property Value
Instance Name	
JMX Port	16521
JDE Home	/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC
Management Server Name	
Operating System	Linux
Platform	x86_64

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne Enterprise Server.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, the text "Enterprise Manager Cloud Control 13c", and various utility icons. Below the navigation bar, the breadcrumb path is "EnterpriseOne Enterprise Server". The main content area is titled "Latest Configuration" and contains a sub-section for "JDE EnterpriseOne Configuration". This sub-section has tabs for "Configuration Properties", "Immediate Relationship", "Member Of", "Uses", and "Used By". The "Configuration Properties" tab is active, showing a table of configuration details. The table has two columns: "Property Name" and "Property Value". The data rows are: Operating System (Linux), Platform (x86\_64), Instance Name (ES), JDE Home (C:\jde\_home\_2\ISCFMC), Management Server Name, and JMX Port (14501). There are also buttons for "View", "Export", and "Detach" above the table.

Property Name	Property Value
Operating System	Linux
Platform	x86_64
Instance Name	ES
JDE Home	C:\jde_home_2\ISCFMC
Management Server Name	
JMX Port	14501

2. To display additional configuration details, expand the node for the Target and click the subnode.

The following example illustrates a JD Edwards EnterpriseOne HTML Server with the **JDE EnterpriseOne Configuration** subnode expanded.



The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like 'Enterprise', 'Targets', 'Star', 'Clock', 'Settings', 'Search', 'Notifications', and 'SYSMAN'. Below the navigation bar, the breadcrumb trail shows 'EnterpriseOne HTML Server'. The main content area is titled 'Latest Configuration' and includes 'Refresh' and 'Configuration Report' buttons. A sidebar on the left shows a tree view with 'JDE EnterpriseOne Configuration' selected. The main panel is titled 'JDE EnterpriseOne Configuration' and features a search bar for 'Configuration File Name' with 'Search', 'Reset', and '+ Add' buttons. Below the search bar is a 'Configuration Properties' section with 'Last collected at' information and 'View', 'Export', and 'Detach' options. A table displays configuration entries with columns for 'Configuration File Name', 'Section Name', 'Configuration Entry Name', and 'Configuration Entry Value'. The table contains 8 rows of data. At the bottom right of the table, it indicates 'Rows: 158'.

Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value
jas.ini	OWWEB	TransactionProc...	true
jas.ini	OWWEB	UseAddActionF...	false
jas.ini	OWWEB	WAN	true
jas.ini	OWWEB	WorkCenter	WorkCenter
jas.ini	OWWEB	decryptors	X com.jdedwards.base.util.encryption.XORDecoder
jas.ini	OWWEB	pollServerForPu...	true
jas.ini	OWWEB	pollServerInterval	3000
jas.ini	OWWEB	showERexcepti...	false
jas.ini	OWWEB	useRoleHierarchy	true

## Runtime Metrics (Status, User Count, and Performance)

You can use Cloud Control to monitor the status of all members of the JD Edwards domain. Cloud Control can also monitor the performance of these JD Edwards EnterpriseOne servers:

- Enterprise Server
  - HTML Web Server
1. On the Members for JDE EnterpriseOne Domain form, you can view the following details for each member:
    - Status
    - Alerts
    - Policy Violations

2. For **EnterpriseOne Enterprise Server** and **EnterpriseOne HTML Server** member types, you can view the following performance data:
  - o Home tab
    - General
    - User Count
    - Incidents
    - Host Incidents
  - o Performance tab
    - Call Object Kernel Average Execute Time
    - Java Heap
    - Call Object Kernel Timeout Errors
    - Instance Level Memory
    - Instance Level CPU

Following are examples of the Home tab for each JD Edwards EnterpriseOne Server Type (Enterprise Server and HTML Server, respectively).

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup Search SYSMAN

EMCC\_ENT\_6016

EnterpriseOne Enterprise Server Page Refreshed

Home Performance

**General**

Status Up

Instance Name EMCC\_ENT\_6016

Operating System Linux

Platform x86\_64

JDE Home /slot/ems9920/oracle/Middleware/jde\_home\_1/SCFMC

Management Server Name

JMX Port 16521

**User Count**

03:00 AM 05:00 07:00 09:00 11:00 01:00 PM 03:00 05:00 07:00 09:00 11:00 01:00 AM

May 23 2016 24

User Count

Table View

**Incidents**

View Category All 0 0 0 0

Summary	Target	Severity	Status	Escalation Level	Type	Time Since Last Update
No matching incidents or problems found.						
Columns Hidden 14						Updated in the last 31 days

**Host Incidents**

View Category All 0 0 1 0

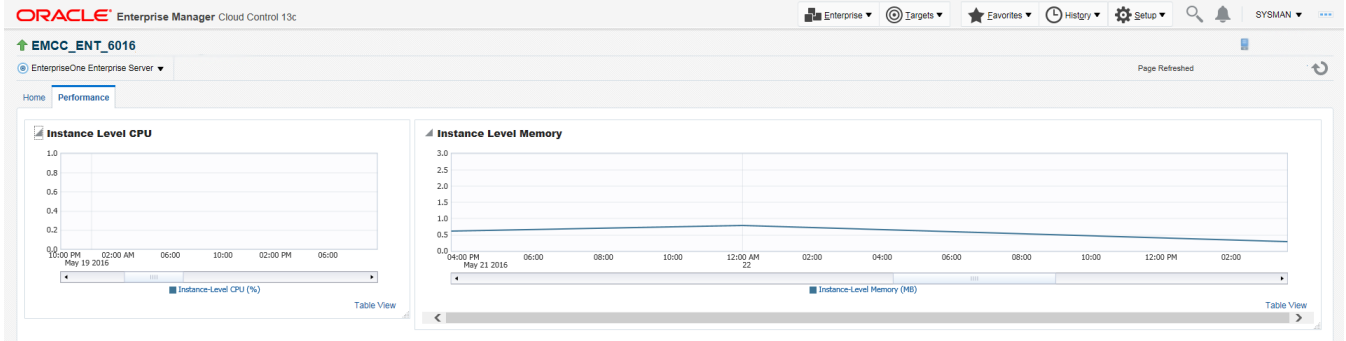
Summary	Target	Severity	Status	Escalation Level	Type	Time Since Last Update
CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold.			New	-	Incident	0 days 0 hours
Columns Hidden 14						Updated in the last 31 days

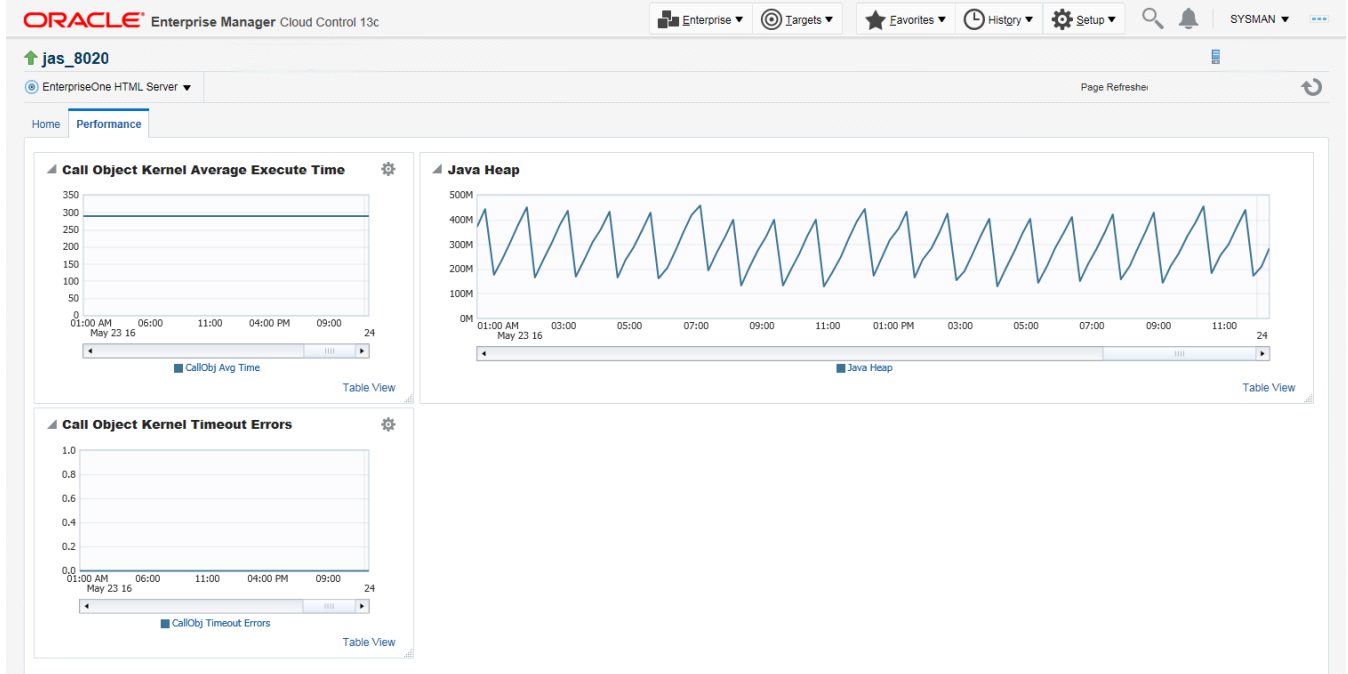
Home Performance

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface for an EnterpriseOne HTML Server. The page is divided into several sections:

- General:** Shows instance details such as Status (Up), Instance Name, Operating System (Linux), Platform (x86\_64), JDE Home, Management Server Name, and JMX Port (16521).
- User Count:** A line chart showing the total user count over time. The y-axis ranges from 0.0 to 1.2, and the x-axis shows time from 02:01 AM to 02:15 on May 24, 2016. The chart shows a constant value of approximately 1.0.
- Incidents:** A table showing no matching incidents or problems found. The table has columns for Summary, Target, Severity, Status, Escalation Level, Type, and Time Since Last Update.
- Host Incidents:** A table showing a host incident. The summary indicates "CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold." The table has columns for Summary, Target, Severity, Status, Escalation Level, Type, and Time Since Last Update.

Following are examples of the Performance tab for each JD Edwards EnterpriseOne Server Type (Enterprise Server and HTML Server, respectively).





For the Application Interface Services Server, the following runtime metrics are displayed:

- Summary
- Status
- Incidents and Problems

Following is an example of the home page for the Application Interface Services Server.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons. The main content area is titled 'AIS\_BUILD' and shows a summary of 'EnterpriseOne Application Interface Services'. The 'Incidents and Problems' section is active, displaying a table with columns: Summary, Target, Severity, Status, Escalation Level, Type, and Time Since Last Update. The table currently shows 'No matching incidents or problems found.' and indicates that 14 columns are hidden and the data is updated in the last 31 days.

## Configuration Metrics for JD Edwards EnterpriseOne

You can view all configuration metrics for these JDE EnterpriseOne member Types:

- [Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server](#)
- [Viewing All Metrics for JD Edwards EnterpriseOne HTML Server](#)
- [Viewing All Metrics for JD Edwards EnterpriseOne Application Interface Services Server](#)

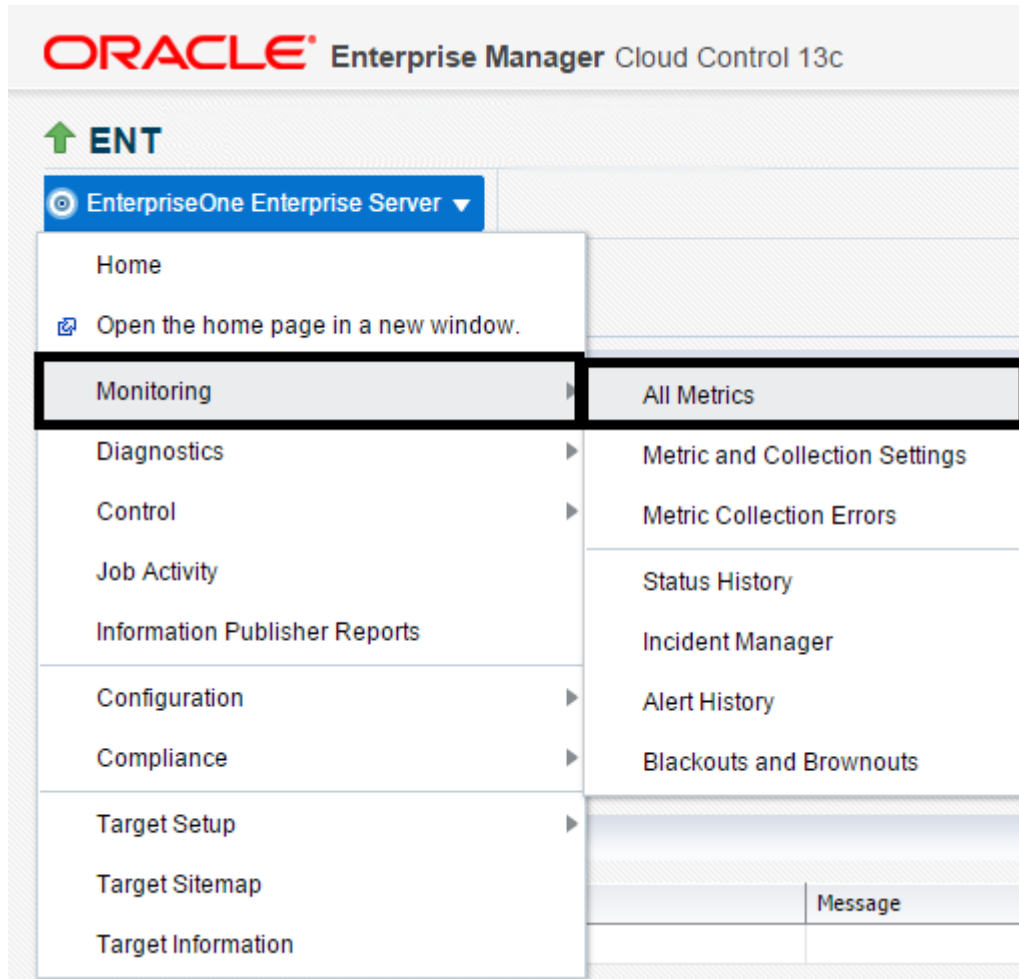
### Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne Enterprise Server.

1. On Members for JDE EnterpriseOne Domain (or also from the Dashboard for the JDE EnterpriseOne Domain), click the link for the Name of the EnterpriseOne Enterprise Server.



2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne Enterprise Server, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Enterprise Server. These metrics include:
  - o Average CPU % Used by All Kernels
  - o Enterprise Server Process Manager
  - o JDE Enterprise Server Log Monitor (Release 9.2.1 Update)
    - o **Note:** This metric is available in Enterprise Manager 13.2.2 Cloud Control
  - o Kernel Process
  - o Kernel Thread
  - o Network Process
  - o Response
  - o Total JDB Table Cache Count
  - o Total JDE Cache
  - o Total Number of DB Connections

- Total Number of Incoming Network Connections
- Total Number of Outstanding Requests
- Total Number of Users
- Other collected items

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, the product name 'Enterprise Manager Cloud Control 13c', and various utility icons. The main content area is titled '920\_RS\_ENT > All Metrics'. On the left, a tree view lists various metrics, with '920\_RS\_ENT' selected. The main panel shows an 'Overview' section with two summary cards: 'Open Metric Events' (0 Open Alerts) and 'Metric Collection Errors' (0 Metric Collection Errors). Below these is an 'Important Metric charts' section with a message: 'No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history.' At the bottom, the 'Deployed Metric Extensions' section shows a table with columns: Name, Display Name, Runs On, Version, Description, and Is Latest. The table is currently empty, displaying 'No data to display.' and 'Columns Hidden 2'.

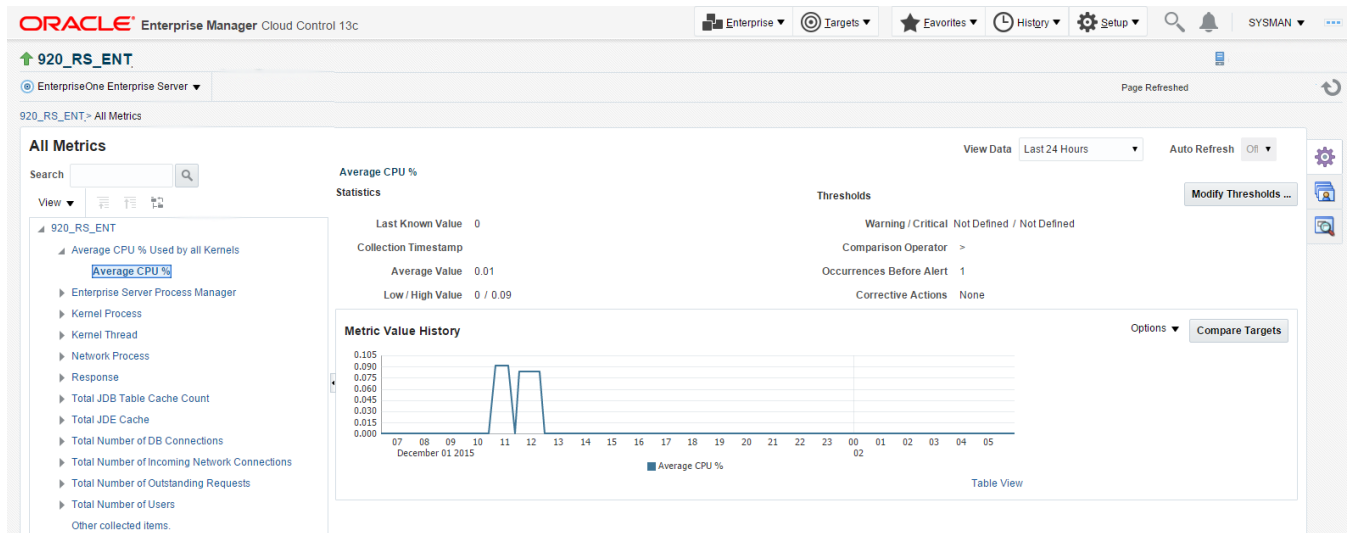
4. You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Average CPU % Used By All Kernels node.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The breadcrumb path is 920\_RS\_ENT > EnterpriseOne Enterprise Server > 920\_RS\_ENT > All Metrics. The left-hand navigation pane shows a tree view under '920\_RS\_ENT' with 'Average CPU % Used by all Kernels' selected. The main content area displays the configuration for this metric: 'Average CPU % Used by all Kernels', 'Collection Schedule: Every 15 Minutes', and 'Upload Interval: Every Collection'. Below this, a table titled 'Last Upload' shows the following data:

Metric	Thresholds	Real Time Value
Average CPU %	Not Set	0.06

A note below the table states: 'Data shown in above table is collected in real time.'

5. You can also click the subnodes to display additional information. The following screen is a sample of the metrics shown when you click the Average CPU % subnode of the Average CPU % Used By All Kernels node.



## Viewing All Metrics for JD Edwards EnterpriseOne HTML Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne HTML Server.

1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the EnterpriseOne HTML Server.

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne HTML Server, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne HTML Server. These metrics include:

- Average Execution Time
- Cache Group
- Call Object (BSFN) Stats
- Current number of open applications (All Users)
- Database Datasource
- General System Info and Uptime
- JDB Service Cache
- JDBj Cache Prepared Statement
- JDBj Connection Manager
- JDBj Pooled Connection
- JDE HTML Server Log Monitor (Release 9.2.1 Update)

**Note:** This metric is available in Enterprise Manager 13.2.2 Cloud Control

- JDENET Connection Manager
- JDENET Connection Pool Socket
- Java Heap Memory Used
- Response
- Total Number of System Errors
- Total Number of Timeout Errors
- Total number of current users
- Other collected items

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. At the top, the breadcrumb navigation shows 'Enterprise > Targets > Favorites > History > Setup > 915bip'. The main content area is titled '915bip - All Metrics'. On the left, there is a search bar and a list of metrics under the heading 'All Metrics'. The main area is divided into several sections: 'Overview' with two summary cards for 'Open Metric Events' (0) and 'Metric Collection Errors' (0), 'Important Metric charts' (no data), and 'Deployed Metric Extensions' (table with no data).

Name	Display Name	Runs On	Version	Description	Is Latest
No data to display.					

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Call Object (BSFN) Stats node.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes 'Enterprise', 'Targets', 'Favorites', 'History', 'Setup', and 'SYSMAN'. The breadcrumb trail is '915bip > All Metrics'. The left sidebar, titled 'All Metrics', contains a search box and a tree view where '915bip' is selected and expanded to show 'Call Object (BSFN) Stats' and its sub-nodes. The main content area, titled 'Overview', contains four sections: 'Open Metric Events' showing 0 Open Alerts with a red '0' and 'Critical' indicator; 'Metric Collection Errors' showing 0 Metric Collection Errors with a yellow '0' and 'Warning' indicator; 'Important Metric charts' with a message 'No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history.'; and 'Deployed Metric Extensions' with a table that has no data to display. The table has columns for Name, Display Name, Runs On, Version, Description, and Is Latest, and shows 'Columns Hidden: 2'.



5. You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Application Errors subnode of the Call Object (BSFN) Stats node.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like Enterprise, Targets, Favorites, History, Setup, and a search icon. The main content area is titled '915bip' and shows a breadcrumb path: 'EnterpriseOne HTML Server > 915bip > All Metrics'. On the left, a tree view under 'All Metrics' shows the following structure:

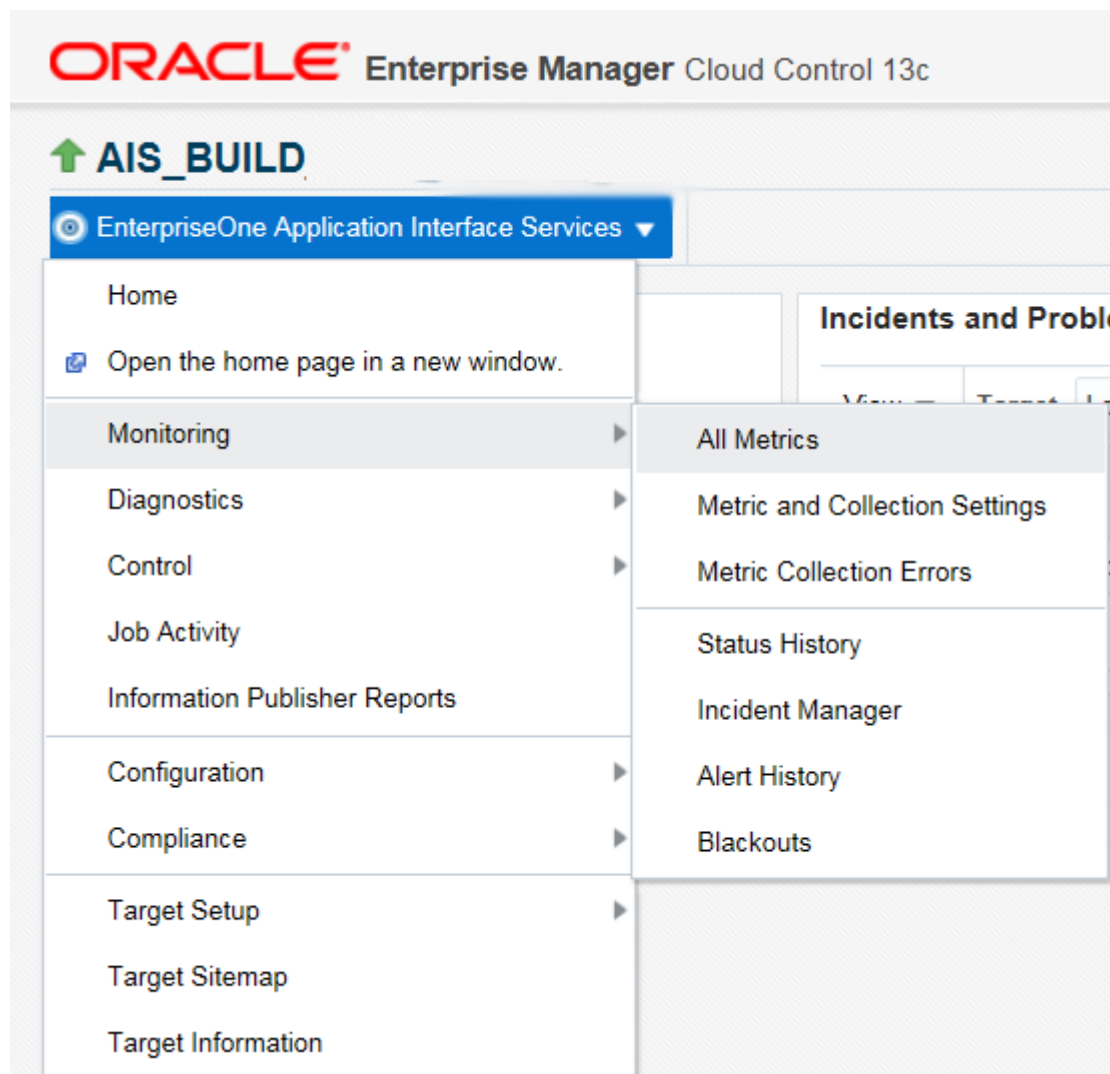
- 915bip
  - Average Execution Time
  - Cache Group
  - Call Object (BSFN) Stats
    - Application Errors (selected)
    - Average Time
    - First Time
    - Longest Time
    - Shortest Time
    - System Errors
    - Timeout Errors
    - Total Invocations
    - Total Time
  - Current number of open applications (All Users)
  - Database Datasource
  - General System info and Uptime
  - JDB Service Cache
  - JDBJ Cached Prepared Statement

The main panel displays a table for 'Application Errors' with the following columns: JVM Node Id, Enterprise Server, Business Function Name, Average Value, Low Value, High Value, Last Known Value, Current Severity, Alert Triggered, and Last Collection Timestamp. The table currently shows 'No data to display.' Below the table is a text input field with the placeholder 'Select row to see details...'. The right side of the interface includes a 'View Data' dropdown set to 'Last 24 Hours' and an 'Auto Refresh' toggle set to 'Off'.

## Viewing All Metrics for JD Edwards EnterpriseOne Application Interface Services Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne Application Interface Services Server.

1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the EnterpriseOne Application Interface Services Server.
2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne Application Interface Services Server, Monitoring, All Metrics.



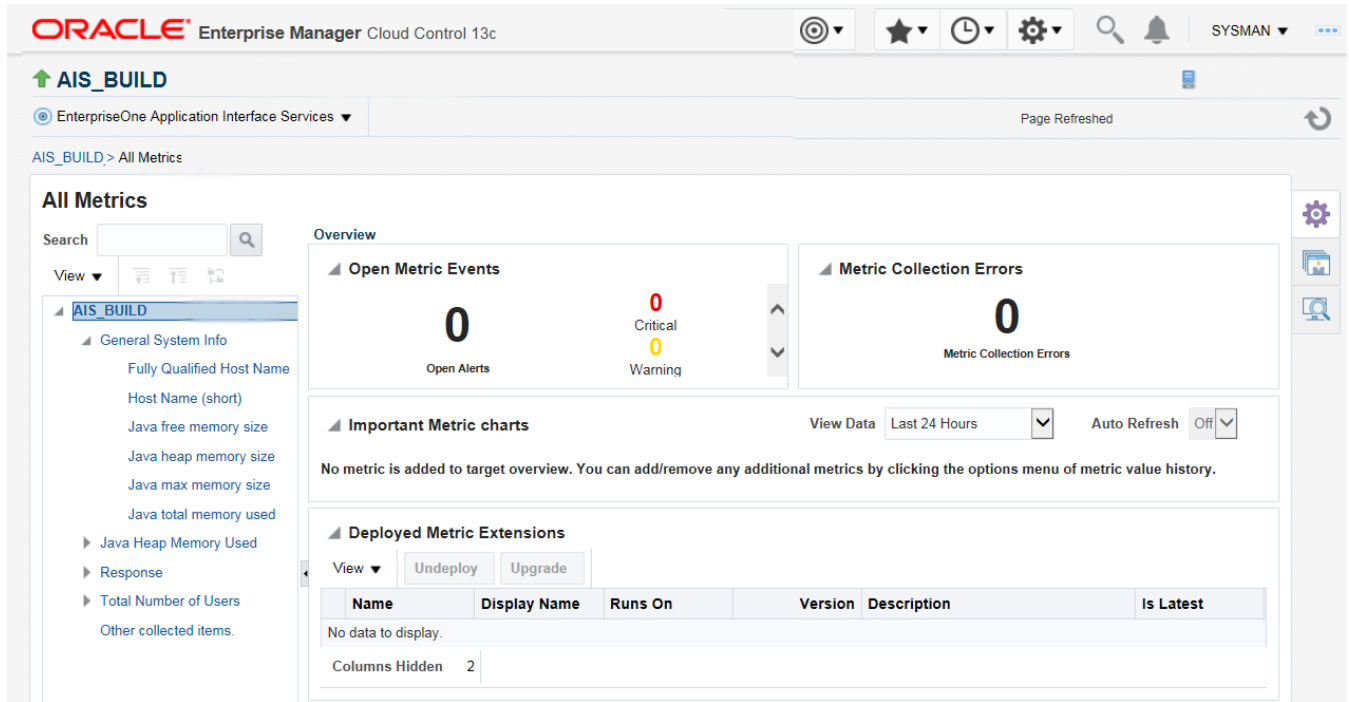
3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Application Interface Services Server. These metrics include:
  - o General System Info
  - o Java Heap Memory Used
  - o Response
  - o Total Number of Users
  - o Other collected items

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, the text "Enterprise Manager Cloud Control 13c", and various utility icons. The main content area is titled "AIS\_BUILD" and shows the "All Metrics" page for "EnterpriseOne Application Interface Services".

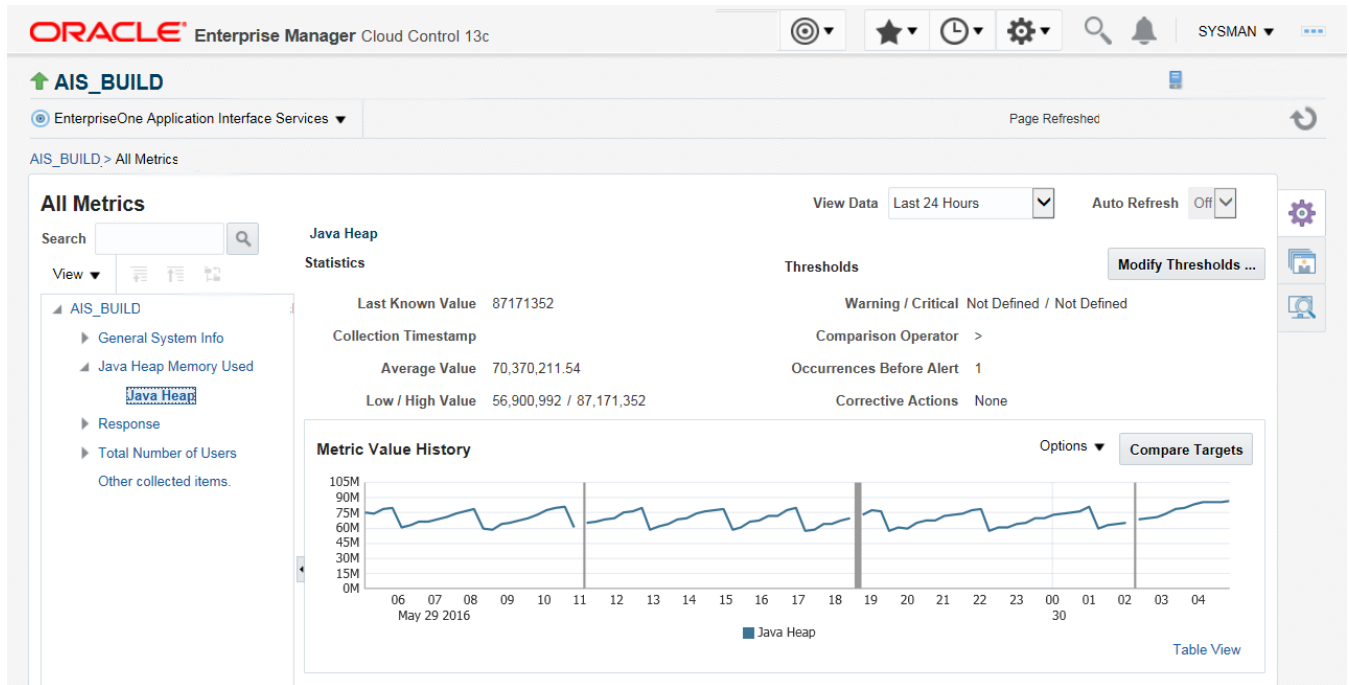
The "All Metrics" section is divided into several panels:

- Open Metric Events:** Displays a large "0" for "Open Alerts". Below it, there are counts for "Critical" (0) and "Warning" (0).
- Metric Collection Errors:** Displays a large "0" for "Metric Collection Errors".
- Important Metric charts:** Includes a "View Data" link, a "Last 24 Hours" dropdown menu, and an "Auto Refresh" toggle set to "Off". Below this, a message states: "No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history."
- Deployed Metric Extensions:** Includes "Undeploy" and "Upgrade" buttons. Below is a table with columns: Name, Display Name, Runs On, Version, Description, and Is Latest. The table is currently empty, with the text "No data to display." and "Columns Hidden: 2" shown below it.

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the General System Info node.

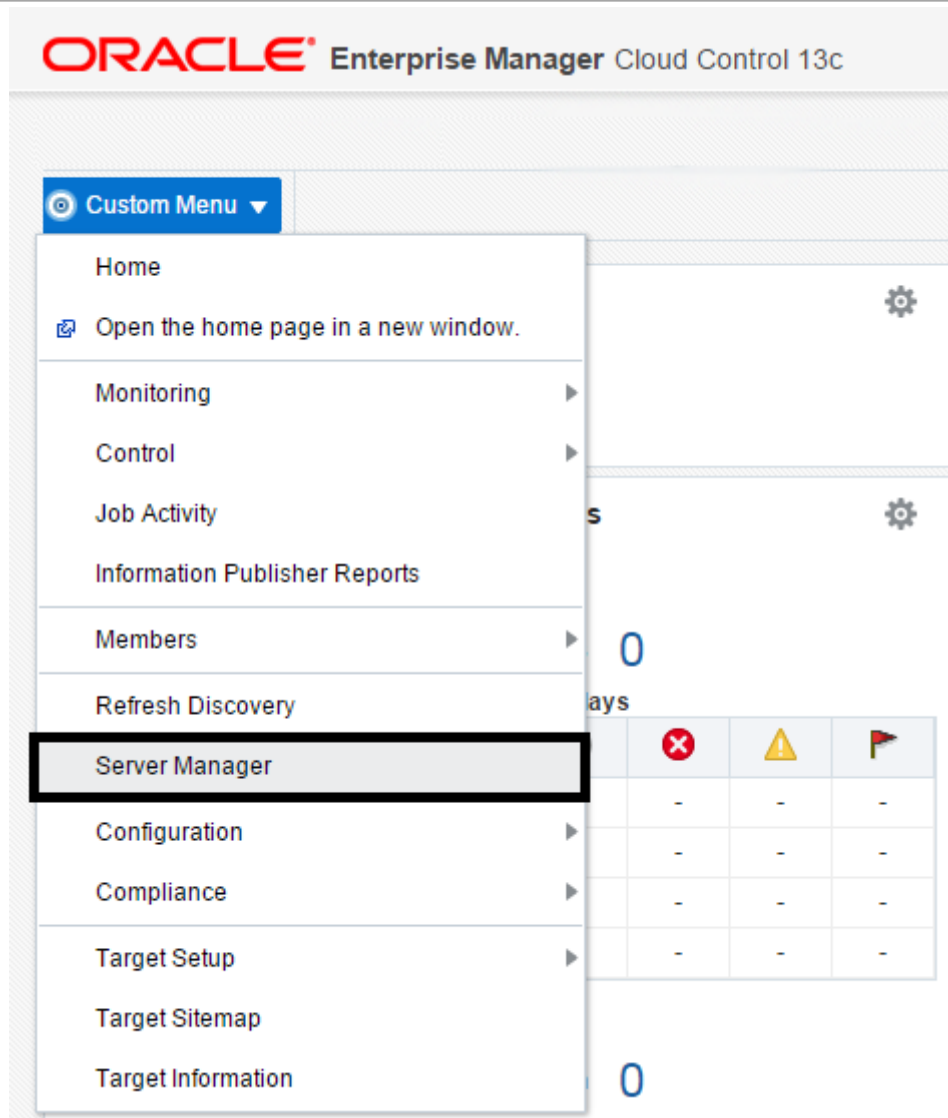


5. You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Java Heap of the Java Heap Memory Used node.



## Accessing Server Manager from Cloud Control

You can directly access the JD Edwards EnterpriseOne Server Manager used in the installation of Enterprise Manager. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Server Manager.



You will be redirected to the Server Manager login page with this URL syntax:

`http://SM_Host:SM_Port/manage/home`

where *SM\_Host* and *SM\_Port* are retrieved from the monitoring configuration.

The Server Manager target machine is derived from the values in these fields on Monitoring Configuration:

- Server Manager Hostname
- Server Manager HTTP Port

For example:

ORACLE Enterprise Mana [Icons] | 1 [Icons] | SYSMAN [Dropdown] [More]

Custom Menu [Dropdown] Page Refreshed [Refresh]

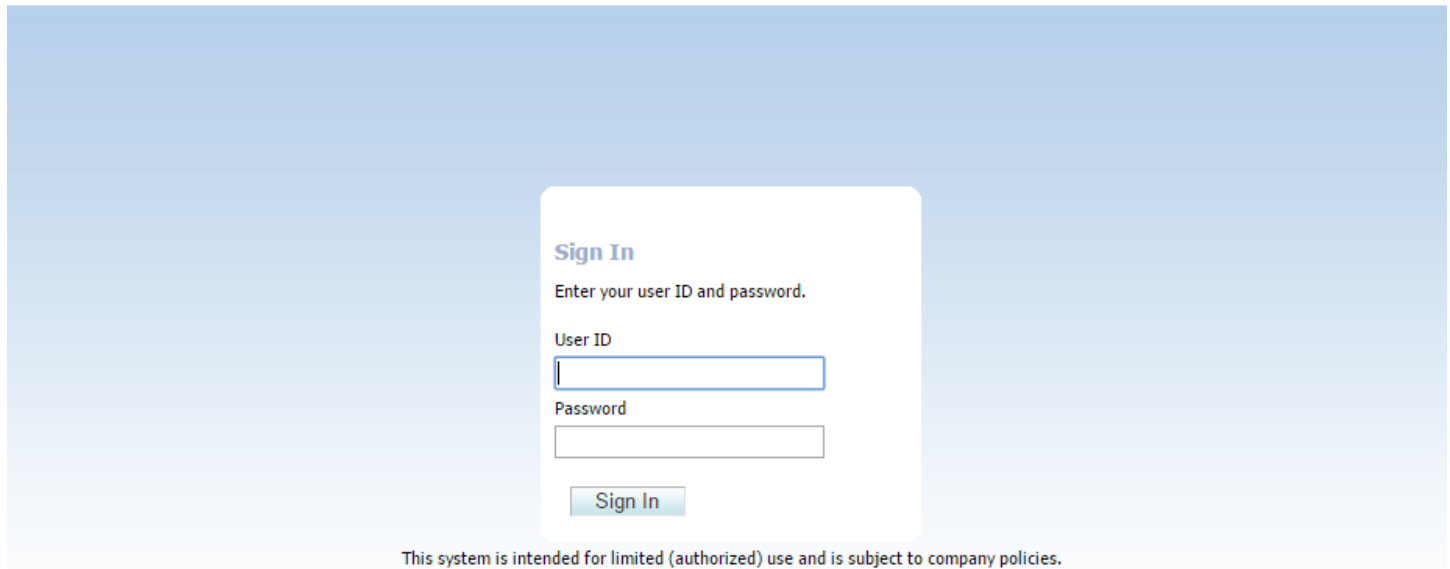
### Monitoring Configuration

OK Cancel

- \* Enterprise Manager Agent Host [Text Field]
- \* Server Manager Admin Password [Text Field]
- \* Server Manager Admin User [Text Field]
- \* Server Manager Hostname [Text Field]
- \* Server Manager Http Port 8999 [Text Field]
- \* Server Manager JMX Port 14501 [Text Field]

The following example shows the Server Manager login page that is displayed when you are redirected.

**ORACLE** JD Edwards EnterpriseOne Server Manager



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After you enter valid credentials for this Server Manager, the Server Manager Home page is displayed as shown in the following example:



Select Instance...

### Managed Homes and Managed Instances

Use the dropdown below to select the desired management view.

Select View: Managed Homes and Managed Instances

**Managed Homes**

Shown below are each of the known managed homes and the managed instances they contain. If there is a managed home that is not running and you wish to not see it listed here you may remove it.

Select [Managed Home]:

Select All | Select None

Managed Home Location	Managed Instances
<input type="checkbox"/> <a href="#">↑</a> appmgr/jde_home_agent/SCFHA	func_jas_92_7076 EnterpriseOne HTML Server ↑ Running
	EM13c_REFRESH_JAS EnterpriseOne HTML Server ↓ Stopped
	JMX_BSSV EnterpriseOne Business Services Server ↑ Running
	dem6021jems_func_jas_7072 EnterpriseOne HTML Server ↑ Running
	jas_92_7074 & func. EnterpriseOne HTML Server ↑ Running
	RIETEST EnterpriseOne Transaction Server ↑ Running
	jas_7070_jems_func. EnterpriseOne HTML Server ↑ Running
	RTE_JMX EnterpriseOne Transaction Server ↓ Stopped
	ahs_92_7084 & func. EnterpriseOne Application Interface Services ↑ Running

## Removing the JD Edwards EnterpriseOne Domain

1. Navigate to Targets, Systems, and with the JDE EnterpriseOne Domain selected, click the Remove button.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

**Systems** Auto Refresh Off Page Refreshed

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search All Name Advanced Search Save...

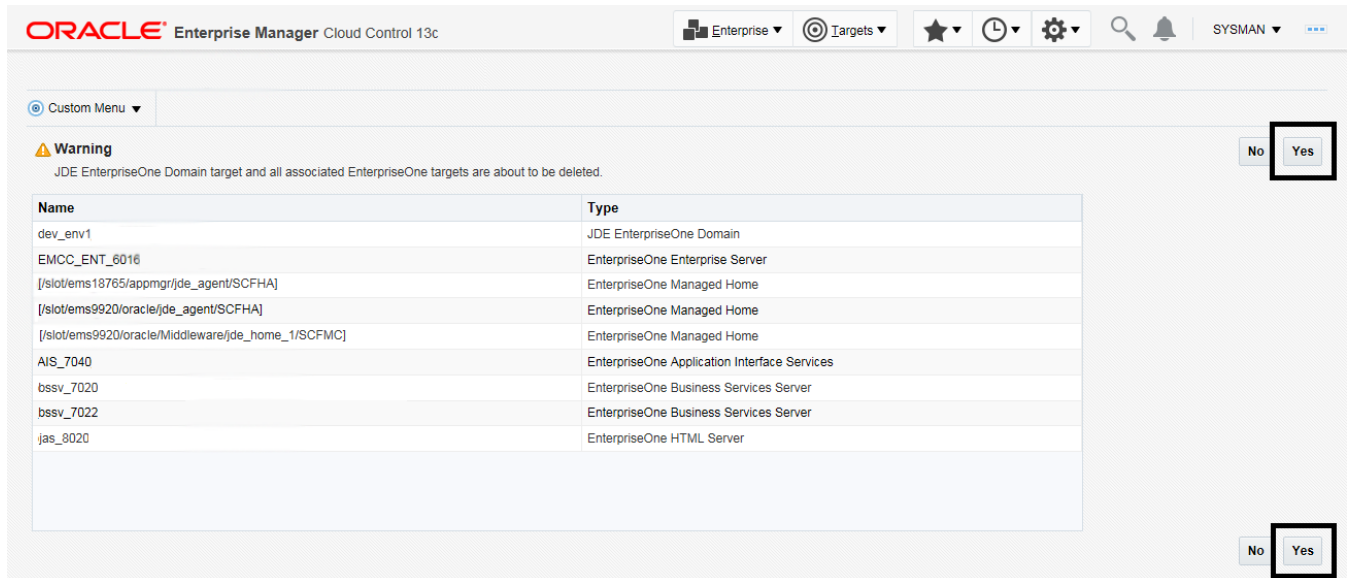
View Add Edit Remove

Name	Privilege Propagation	Type	Str Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OWS/emptus	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/emptus	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n... Application Deployment, Cluste Applic Deploy (1)	- 2 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
Cloud		Cloud	n...	- - - - -	- - - - -
dev_env1		JDE EnterpriseOne Domain	n... EnterpriseOne Managed Home (3) Ent Bus Ser	- 7 - 1 - - - -	- - - - -
Management Services and Repository	✓	OMS and Repository	Application Deployment, Host (1)	- 9 - - - -	- - 1 - -

Columns Hidden 13

Cloud Control displays a warning and lists the Domain target and associated EnterpriseOne targets that will be deleted.

2. As shown in the screen below, click the Yes button to confirm the deletion.



After you click the Yes button, Cloud Control displays a progress screen indicating the deletion of the JD Edwards EnterpriseOne targets.

After the system domain target is deleted, Cloud Control returns to the All Targets page.

## Starting and Stopping Components of Enterprise Manager Environments

This section discusses:

- *Starting Enterprise Manager Environment Components*
- *Stopping Enterprise Manager Environment Components*

## Starting Enterprise Manager Environment Components

Use these commands to start Enterprise Manager environment components:

- **Start database**

```
sqlplus '/as sysdba'  
sql> startup
```

- **Start Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl start
```

- **Start WebLogic Node Manager**

```
Stop ADMIN SERVER from console in case it is running without Node Manager  
/u01/app/emgc13/wlserver_12.1/server/bin/setWLSEnv.sh  
/u01/app/emgc13/wlserver_12.1/server/bin/startNodeManager.sh
```

- **Start OMS**

```
/u01/app/emgc13/oms/bin/emctl start oms
```

- **Start Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl start agent
```

## Stopping Enterprise Manager Environment Components

Use these commands to stop Enterprise Manager environment components:

- **Stop Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl stop agent
```

- **Stop OMS (this stops the OMS Server)**

```
/u01/app/emgc13/oms/bin/emctl stop oms
```

- **Stop Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl stop
```

- **Stop Database**

```
sqlplus '/as sysdba'  
sql> shutdown immediate
```

## Using Enterprise Manager 13.2 Cloud Control with JD Edwards EnterpriseOne (Release 9.2.1 Update)

This section discusses how to use Enterprise Manager 13.2 with JD Edwards EnterpriseOne targets on the cloud.

# Adding the JD Edwards EnterpriseOne Domain

To add the JD Edwards EnterpriseOne domain to Cloud Control:

1. On the Systems form, with the JDE EnterpriseOne Domain selected, select JDE EnterpriseOne Domain from the Add drop-down menu.

Name	Privilege Propagation	Type	Size	Members	Member Status Summary	Incidents
/EMC_... JDE EnterpriseOne Domain	✓	Oracle WebLogic Domain	n...	Application Deployment, (6) Doma Applic Deplor (6)	- 13 - - 9 - - -	- - - - -
/EMC_... Oracle Exalogic	✓	Oracle WebLogic Cluster	↑	Application Deployment, (2) Cluste Applic Deplor (2)	- 5 - - - - -	- - - - -
/EMC_... Oracle Public Cloud Machine	✓	Clustered Application Deployment	↑	Application Deployment (1)	- 1 - - - - -	- - - - -
/EMGC_GCDomain/GCDomain/BIP_cluster/ESSAPP	✓	Clustered Application Deployment	↑	Application Deployment (1)	- 1 - - - - -	- - - - -
/EMGC_GCDomain/GCDomain/BIP/bipublisher(11.1.1)	✓	Application Deployment	↑		- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/BIP/ESSAPP	✓	Application Deployment	↑		- - - - -	- - - - -

2. On the Add JDE EnterpriseOne Domain form, complete these fields:

- o *EnterpriseOne Domain Target Name*

Enter the name of the domain for JD Edwards EnterpriseOne. The name of the Server Manager host will be appended to this name if you do not specify it.

For example, enter **dev\_env**.

- o *Enterprise Manager Agent Host Machine*

Enter the machine name on which the Enterprise Manager agent is installed.

You can click the visual assist icon to open the Select Target dialog box and select the desired target.

- o *Server Manager Host*

Enter the public IP of your Server Manager host.

- o *Server Manager HTTP Port*

Enter the HTTP port that will be used to connect to Server Manager. The default value is **8999**.

- o *Server Manager JMX Port*

Enter the JMX port that will be used to connect to Server Manager. The default value is **14501**.

- o *Server Manager Admin User*

The default value, which should not be changed, is **jde\_admin**.

- o *Server Manager Admin Password*

Enter a valid value for the password of your Server Manager administrator.

- o *Manage Cloud Instances*

Select the check box if you want to install the hybrid cloud agent and deploy the plug-in on JDE targets, including Server Manager during discovery.

- o *Enterprise Manager User*

Enter the name of the Enterprise Manager that will be used to control the cloud instance.

- o *Enterprise Manager Password*

Enter a valid value for the password of your Enterprise Manager.

- o *JDE Provisioning Tool Host Machine*

Enter the JDE provisioning tool host public IP. The system populates the Server Manager Host machine name as default value.

- o *SSH Private Key*

Click the Choose File button to upload the file that contains the SSH private key. The SSH private key must be in openssh format and without the passphrase. The SSH key must correspond to the Public Key entered in the JDE Cloud Console.

- o *Enterprise Manager Hybrid Cloud Gateway Agent Host*

Enter the name of the enterprise manager hybrid cloud gateway agent host.

Use the visual assist icon to select the desired hybrid cloud gateway agent from the Select Hybrid Cloud Gateway Agent dialog box.

---

**Note:** If Hybrid Cloud Gateway Agent is not already installed, see "Prerequisites for Configuring a Hybrid Cloud Gateway Agent".



**ORACLE** Enterprise Manager Cloud Control

Cancel OK

### Add JDE EnterpriseOne Domain

Enter required parameters needed to discover all targets within a JDE EnterpriseOne Domain managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this process.

\* EnterpriseOne Domain Target Name   
Name of target to be created. (Server Manager host will be appended if not already in the string provided.)

\* Enterprise Manager Agent Host Machine

\* Server Manager Host

\* Server Manager HTTP Port

\* Server Manager JMX Port

\* Server Manager Admin User   
Server Manager jde\_admin User (This should not be changed from the default jde\_admin user.)

\* Server Manager Admin Password   
Server Manager jde\_admin Password.

Manage Cloud Instances

\* Enterprise Manager User

\* Enterprise Manager Password

\* JDE Provisioning Tool Host Machine

\* SSH Private Key   
Upload Private Key  No file chosen  
SSH Private Key in openssh format and without passphrase corresponding to Public Key entered in JDE Cloud Console

\* Enterprise Manager Hybrid Cloud Gateway Agent Host    
Hybrid Cloud Gateway Agent must be pre-configured

Cancel OK

**3.** Click the OK button to add the domain.

As Cloud Control adds the JD Edwards Domain and associated targets, it performs the following functions:

- Installed: Hybrid Cloud Agent

**Note:** To view the status of installation, click Setup, Add Target, then Add Targets Manually. Click Install Agent Results on the Add Targets Manually page.

- Deployed: Plugin on Hybrid Cloud Agent
- Discovered: JD Edwards EnterpriseOne Domain
- Created: JD Edwards EnterpriseOne Domain target
- Saved: JD Edwards EnterpriseOne Domain targets discovered

**Note:** Installing and deploying the Enterprise Manager hybrid cloud agent is a time-consuming process. Do not close the browser window until the process is complete.

After the processing is complete, the home page for the JD Edwards EnterpriseOne Domain is displayed, as shown in the following example:

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

dev\_ems1\_dev@9201@ems.us.oracle.com

Custom Menu Page Refreshed May 20, 2016 12:10:50 AM GMT-07:00

**General**

Owner: SYSMAN  
 Privilege Propagation: Disabled

**Overview of Incidents and Problems**

**Incidents**  
 Updated in last 7 days: 0

Breakdown of incidents updated in the last 7 days

Category				
Availability	-	-	-	-
Performance	-	-	-	-
Security	-	-	-	-
Others	-	-	-	-

**Problems**  
 Total Open: 0

**Jobs Activity**  
 Summary of jobs whose start date is within the last 7 days.  
 Show: Latest Run  
 Show Jobs

**Blackouts**  
 Create  
 Submitted to

**Status**  
 8 Members 1 7

**Most Affected Members (Last 24 Hours)**

Name	Type	Key Member	Status	Availability (%)
dev_ems1_bssv_7022_dev@9201@ems.us.oracle.com				100
dev_ems1@ems.us.oracle.com [slot:ems18765/appmgr/jde_agent/SCFHA]				n/a
dev_ems1@ems.us.oracle.com [slot:ems18765/appmgr/jde_agent/SCFHA]				99.59
dev_ems1@ems.us.oracle.com [slot:ems18765/appmgr/jde_agent/SCFHA]				100
dev_ems1@ems.us.oracle.com [slot:ems9920/oracle/jde_agent/SCFHA]				100
dev_ems1_bssv_7020_dev@9201@ems.us.oracle.com				100
dev_ems1@ems.us.oracle.com [slot:ems9920/oracle/Middleware/jde_home_...]				100
EMCC_ENT_6016 dev_ems1@ems.us.oracle.com				100

**Compliance Summary**

Compliance Standards Members

View Trends

Compliance Standard	Average Score
No data to display	

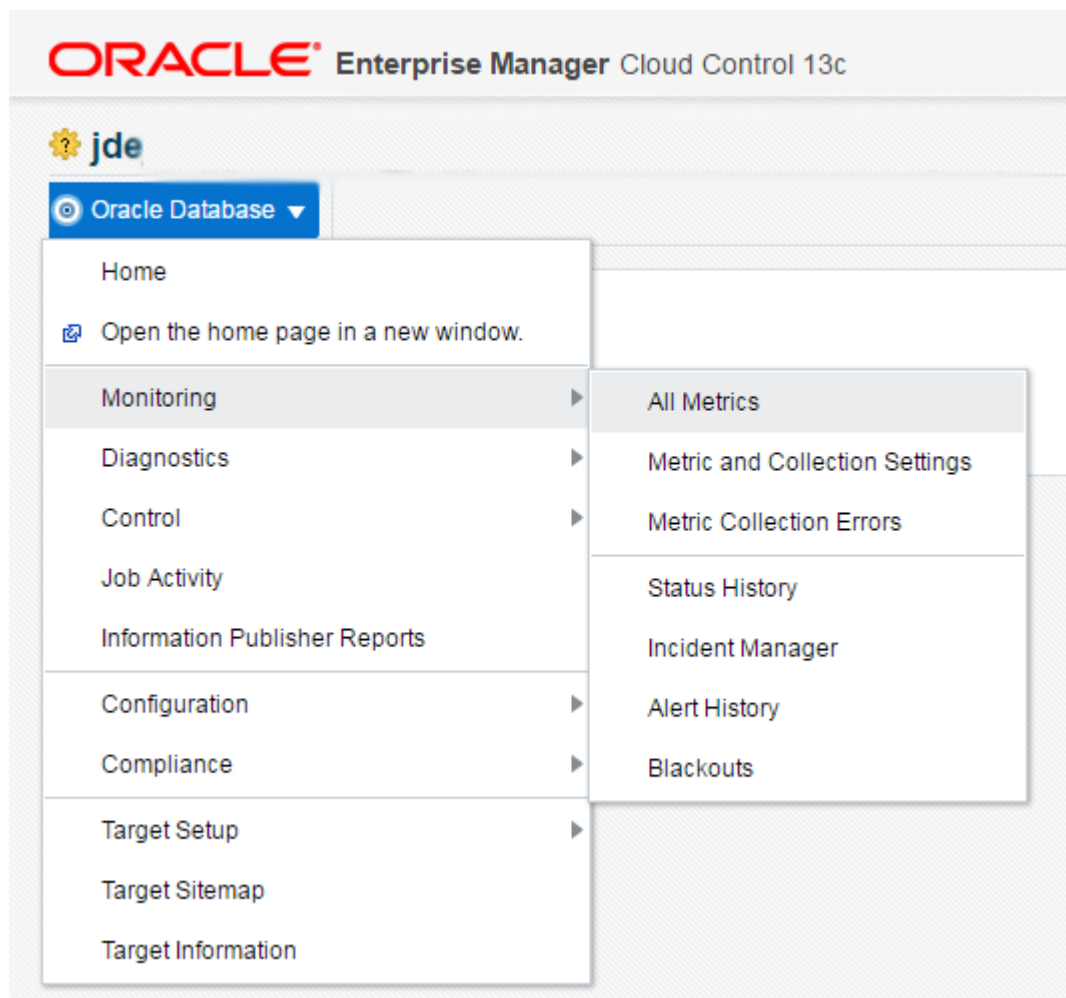
**Dependent Targets**

Name	Type	Status	Association
No dependent targets.			

## Viewing All Metrics for JD Edwards Oracle Database Server

Use this procedure to view all metrics for the JD Edwards Oracle Database Server.

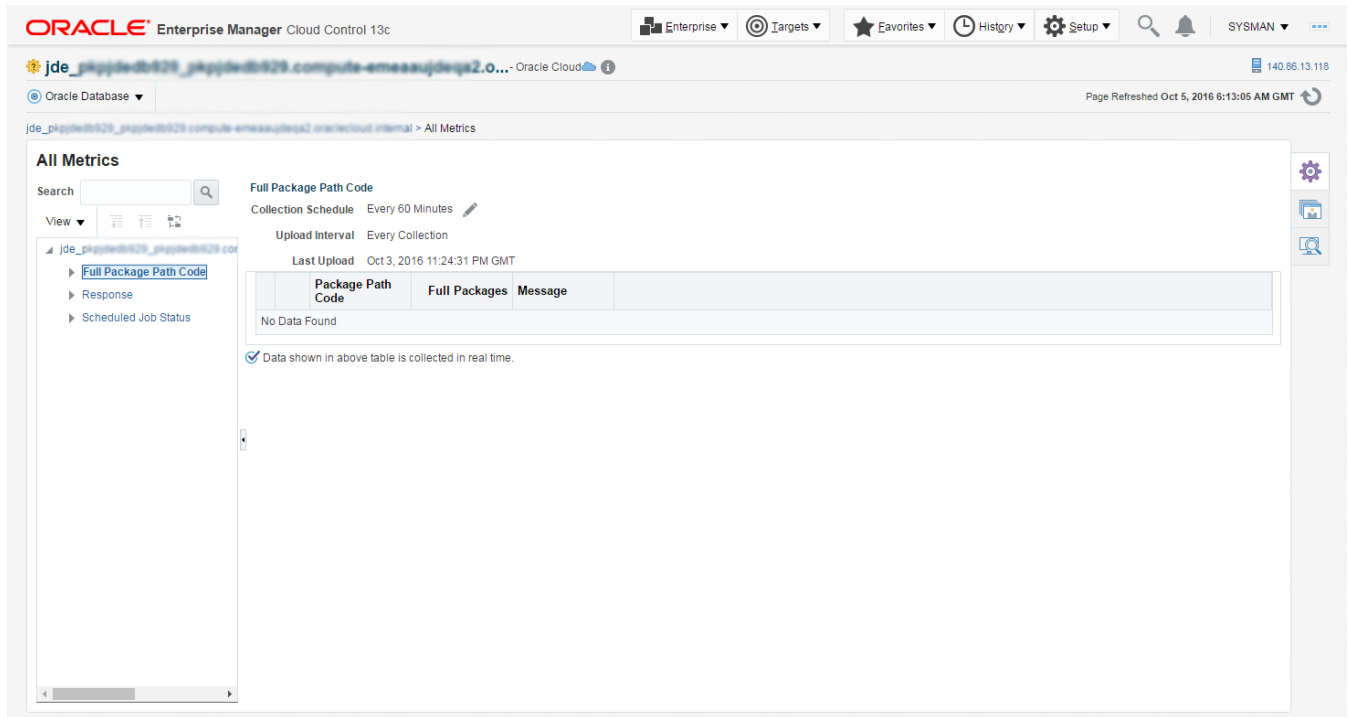
1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the Oracle Database Server.
2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to Oracle Database, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Oracle Database Server. These metrics include:
  - o Full Package Path Code
  - o Response
  - o Scheduled Job Status

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. At the top, the breadcrumb navigation shows 'jde' and 'All Metrics'. The left sidebar contains a tree view with 'JDE' selected, showing sub-items: 'Full Package Path Code', 'Response', and 'Scheduled Job Status'. The main content area is titled 'Overview' and contains three panels: 'Open Metric Events' showing 0 Open Alerts with 0 Critical and 0 Warning events; 'Metric Collection Errors' showing 0 Metric Collection Errors; and 'Important Metric charts' with a note that no metrics are added to the target overview. Below this is a 'Deployed Metric Extensions' section with a table that is currently empty, showing columns for Name, Display Name, Runs On, Version, Description, and Is Latest. The table has 2 hidden columns.

4. You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Full Package Path Code node.



5. You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Full Package subnode of the Full Package Path Code node.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like Enterprise, Targets, Favorites, History, Setup, and a search icon. The breadcrumb trail indicates the current location: 'jde\_pkppltdt929\_pkppltdt929.compute-emeasujtqa2.o... - Oracle Cloud'. The main content area is titled 'All Metrics' and features a search bar and a 'View Data' dropdown set to 'Last 24 Hours'. A table titled 'Full Packages' is displayed with the following columns: Package Path Code, Average Value, Low Value, High Value, Last Known Value, Current Severity, Alert Triggered, and Last Collection Timestamp. The table body is empty, with the text 'No data to display.' centered. Below the table, there is a prompt 'Select row to see details...'. The left-hand navigation pane shows a tree view with 'Full Packages' selected under the 'Full Package Path Code' node.



# 9 Using Enterprise Manager Version 13.4 Cloud Control with JD Edwards EnterpriseOne

## Additional Information about Cloud Control for Enterprise Manager 13.4

For additional information, refer to these Cloud Control resources:

- *Enterprise Manager Documentation*

<https://docs.oracle.com/en/enterprise-manager/cloud-control/enterprise-manager-cloud-control/13.4/index.html>

The above Oracle website includes HTML and PDF versions of these documents:

- Enterprise Manager Concepts
- Administrator's Guide
- Basic Installation Guide
- Advanced Installation and Configuration Guide
- Administrator's Guide for Software and Server Provisioning and Patching
- Oracle Enterprise Manager List of Books

## Using Cloud Control for the First Time

The Cloud Control console provides support for creating and managing Cloud Control administrator accounts. The Cloud Control administrators you create and manage in the Cloud Control console are granted privileges and roles to log in to the Cloud Control console and to manage specific target types and to perform specific management tasks.

During installation, these tasks are performed automatically:

- A default Super Administrator SYSMAN account is created with the password you specify.
- The SYSMAN account is automatically configured to receive email notifications, if you provide the email notification settings during installation. Email notifications are set up with default Notification Rules for critical conditions.

After installation, you can immediately log in to the Cloud Control console with the SYSMAN username and your password to perform management tasks. The next step is to create a new Super Administrator account to monitor and manage the JD Edwards EnterpriseOne targets.

**Note:** The SYSMAN account owns the database schema containing the Management Repository and should *not* be used after the initial login.

## Accessing the Cloud Control Console

To access Cloud Control, use the syntax of the following URL:

`https://<Oracle Management Service_hostname>.<domain>:<port>/em`

For example:

`https://machine_host.example.com:7799/em`

## Cloud Control Home Page

On Select Enterprise Manager Home, you can choose a grid home page from the options shown on this screen. If these options do not match your job profile or role, use SYSMAN, Welcome Page and select one of the options displayed to make any other page in Enterprise Manager as your home page. Alternately, you can also use SYSMAN, Set Current Page as My Home to select any other Enterprise Manager page as your Home Page. For instructions on making the JD Edwards Domain your home page in Enterprise Manager, refer to *[Navigating to the JDE EnterpriseOne Domain Home Page](#)*.

**ORACLE** Enterprise Manager Cloud Control 13c
Enterprise ▾ Targets ▾ Favorites ▾ History ▾ Setup ▾
SYSMAN ▾

## Welcome to Enterprise Manager Cloud Control 13c

Oracle Enterprise Manager is Oracle's integrated enterprise IT management product line, which provides the industry's only complete, integrated and business-driven enterprise cloud management solution. Oracle Enterprise Manager creates business value from IT by leveraging the built-in management capabilities of the Oracle stack for traditional and cloud environments, allowing customers to achieve unprecedented efficiency gains while dramatically increasing service levels.

### Latest Features

- Monitoring during maintenance periods
- Improved SOA management
- Quick resolution for all events types using corrective actions


[View all the features](#)

### Learn More

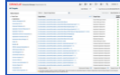
- [Oracle Documentation](#)
- [Oracle Learning Library](#)
- [Oracle University Courses](#)

### Select Enterprise Manager Home Page


Select your personal Home Page from one of the options below. Once selected, your personal Home Page will appear the next time you log in. Click an image below for a larger preview, then select a radio button to choose your personal Home Page.




Welcome Page  
*Best for: New Users*




All Targets  
*Best for: Enterprise Manager Administrators*




Sitemap  
*Best for: All Users*




Summary  
*Best for: Enterprise Manager Administrators*




Databases  
*Best for: Database Administrators*




Incidents  
*Best for: On-call IT Operations personnel*




SOA  
*Best for: SOA Architect*



Middleware  
*Best for: WebLogic and Middleware Administrators*



Composite Application  
*Best for: Application Architects*




Services  
*Best for: IT Executive Staff*

**TIP** To return to this Welcome Page use SYSMAN menu > Welcome Page.

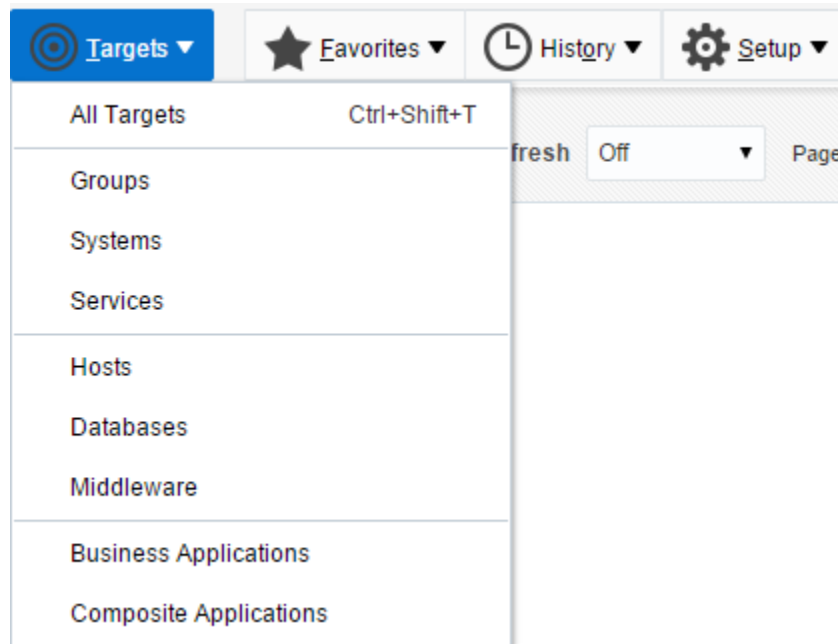
### Getting Started

- › Verify Software Library Setup
- › Configure Management Agent Proxies
- › Verify My Oracle Support Connectivity
- › Add An Additional OMS
- › Configure E-mail Notifications
- › Download Management Agent Software
- › Download and Deploy Management Plug-ins
- › Discover Targets
- › Create Administration Groups
- › Create Accounts and Assign Roles
- › Create Administrator Roles

 The common Getting Started tasks can be accessed from the [Setup Console](#).

## Viewing the Targets

To view all existing Cloud Control targets, click the Targets drop-down menu. This control displays rows that further define targets by type, such as groups, systems, services, hosts, databases, middleware (application servers), and composite applications.



# Adding the JD Edwards EnterpriseOne Domain for Enterprise Manager 13.4

To add the JD Edwards EnterpriseOne domain to Cloud Control:

1. On the Systems form, with the JDE EnterpriseOne Domain selected, select JDE EnterpriseOne Domain from the Add drop-down menu.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The 'Systems' page is active, displaying a table of systems. The 'Add' button in the top left of the table is clicked, opening a dropdown menu. The 'JDE EnterpriseOne Domain' option is highlighted in the menu. The table below shows the following data:

Name	Privilege Propagation	Type	Size	Members	Member Status Summary	Incidents
Database System						
Exalytics System						
Generic System						
Identity and Access System						
JDE EnterpriseOne Domain	✓	Oracle WebLogic Domain	n...	Application Deployment, Doma Applic Deplor (6)	- 13 - - 9 - - - - -	
Oracle Exalogic	✓	Oracle WebLogic Cluster		Application Deployment, Cluste Applic Deplor (2)	- 5 - - - - - - - - -	
Oracle Public Cloud Machine	✓	Clustered Application Deployment		Application Deployment (1)	- 1 - - - - - - - - -	
Redundancy System	✓	Clustered Application Deployment		Application Deployment (1)	- 1 - - - - - - - - -	
/EMGC_GCDomain/GCDomain/BIP_cluster/ESSAPP	✓	Clustered Application Deployment		Application Deployment (1)	- 1 - - - - - - - - -	
/EMGC_GCDomain/GCDomain/BIP/bipublisher(11.1.1)	✓	Application Deployment			- - - - - - - - - - -	
/EMGC_GCDomain/GCDomain/BIP/ESSAPP	✓	Application Deployment			- - - - - - - - - - -	

2. On the Add JDE EnterpriseOne Domain form, complete these fields:

- o *EnterpriseOne Domain Target Name*

Enter the name of the domain for JD Edwards EnterpriseOne. The name of the Server Manager host will be appended to this name if you do not specify it.

For example, enter **dev\_env**.

- o *Enterprise Manager Agent Host Machine*

Enter the machine name on which the Enterprise Manager agent is installed. For example, enter **denlx01**.

- o *Server Manager Host*

Enter the fully qualified machine name of your Server Manager host.

- o *Server Manager HTTP Port*

Enter the HTTP port that will be used to connect to Server Manager. The default value is **8999**. If your Server Manager is TLS enabled and SSL port is configured with CA certificate, enter HTTPS port.

- o *Server Manager JMX Port*

Enter the JMX port that will be used to connect to Server Manager. The default value is **14501**.

- o *Server Manager Admin User*

The default value, which should not be changed, is **jde\_admin**.

- o *Server Manager Admin Password*

Enter a valid value for the password of your Server Manager administrator.

- o *TLS Version of Server Manager*

Select the TLS version with which Server Manager security is enabled. If it's not enabled select "None" from the drop-down. Current supported security versions of Server Manager are TLSv1.2 and TLSv1.3.

- o *Truststore Location*

Enter the Truststore location where the Server Manager CA certificate is installed. This value must be provided when you add a JDE Domain which has TLS enabled Server Manager.

For example:

```
/EM13_4/agent/agent_13.4.0.0.0/oracle_common/jdk/jre/lib/security/cacerts
```

- o *Truststore Password*

Enter the Truststore password where the Server Manager CA certificate is installed. This value must be provided when you add a JDE Domain which has TLS enabled Server Manager.

- o *Truststore Type*

Enter the Truststore type where the Server Manager CA certificate is installed. This value must be provided when you add a JDE Domain which has TLS enabled Server Manager. The default value is **JKS**.

**ORACLE** Enterprise Manager Cloud Control 13c

Enterprise ▾ Targets ▾ Favorites ▾ History ▾ Setup ▾ 🔍 🔔 SYSMAN ▾ ⋮

**Add JDE EnterpriseOne Domain** Cancel OK

Enter required parameters needed to discover all targets within a JDE EnterpriseOne Domain managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this process.

\* EnterpriseOne Domain Target Name   
Name of target to be created. (Server Manager host will be appended if not already in the string provided.)

\* Enterprise Manager Agent Host Machine  🔍

\* Server Manager Host

\* Server Manager HTTP Port

\* Server Manager JMX Port

\* Server Manager Admin User   
Server Manager jde\_admin User (This should not be changed from the default jde\_admin user.)

\* Server Manager Admin Password   
Server Manager jde\_admin Password.

\* TLS Version of Server Manager  ⬆️ ⬆️

\* Truststore Location   
Truststore location where Server Manager's certificate is installed.

\* Truststore Password

\* Truststore Type   
Default Truststore type is JKS.

Manage Cloud Instances

Cancel OK

**3.** Click the OK button to add the domain.

As Cloud Control adds the JD Edwards Domain and associated targets, it performs the following functions:

- Discovering: JD Edwards EnterpriseOne Domain
- Creating: JD Edwards EnterpriseOne Domain target
- Saving: JD Edwards EnterpriseOne Domain targets discovered

After the processing is complete, the home page for the JD Edwards EnterpriseOne Domain is displayed, as shown in the following example:



The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface for a specific component. The top navigation bar includes 'Enterprise', 'Targets', 'Favorites', 'History', 'Setup', and a search icon. The user is identified as 'SYSMAN'. The page title is 'dev\_ems1\_dev@9201@ems.us.oracle.com'. The page was refreshed on May 20, 2016, at 12:10:50 AM GMT-07:00.

**General**  
 Owner: SYSMAN  
 Privilege Propagation: Disabled

**Overview of Incidents and Problems**  
 Incidents: Updated in last 7 days: 0  
 Breakdown of incidents updated in the last 7 days:  

Category	Incidents	Problems
Availability	-	-
Performance	-	-
Security	-	-
Others	-	-

 Problems: Total Open: 0

**Jobs Activity**  
 Summary of jobs whose start date is within the last 7 days.  
 Show: Latest Run  
 Show Jobs

**Blackouts**  
 Create  
 Submitted to

**Status**  
 8 Members  
 Most Affected Members (Last 24 Hours):  

Name	Type	Key Member	Status	Availability (%)
dev_ems1_dev@9201@ems.us.oracle.com			↑	100
dev_ems1_dev@9201@ems.us.oracle.com [slot:ems18765/appmgr/jde_agent/SCFHA]			⚠	n/a
dev_ems1_dev@9201@ems.us.oracle.com			↑	99.59
dev_ems1_dev@9201@ems.us.oracle.com			↑	100
dev_ems1_dev@9201@ems.us.oracle.com [slot:ems9920/oracle/jde_agent/SCFHA]			↑	100
dev_ems1_dev@9201@ems.us.oracle.com			↑	100
dev_ems1_dev@9201@ems.us.oracle.com [slot:ems9920/oracle/Middleware/jde_home_...]			↑	100
EMCC_ENT_6016 dev_ems1_dev@9201@ems.us.oracle.com			↑	100

**Compliance Summary**  
 Compliance Standards: Members  
 View Trends  
 Compliance Standard: No data to display  
 Average Score

**Dependent Targets**  
 Name: Type: Status: Association:  
 No dependent targets.

**Note:** If you use Java 1.8 update 171 or higher to set up Enterprise Manager, the JD Edwards App Pack might not be able to discover and monitor the JD Edwards Domain. To overcome this issue, refer to this document on My Oracle Support: E1: SVM: Server Manager Console And Agent Issues With Java 1.8 Update 171 Or Higher (Doc ID 2621953.1).

# Editing the JD Edwards EnterpriseOne Domain for Enterprise Manager 13.4

To edit the JD Edwards EnterpriseOne domain:

1. On the Systems form, with the JDE EnterpriseOne Domain row highlighted, click the Edit button to display the Monitoring Configuration page of the JDE EnterpriseOne Domain, as shown in the following example:

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The 'Systems' page is displayed, showing a list of systems. The 'Edit' button is highlighted in a red box above the 'JDE EnterpriseOne Domain' row. The table below shows the details of the systems.

Name	Privilege Propagation	Type	Stz Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empgc	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jmdeengine(13.2.1.0.0)	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/empbs	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n... Application Deployment, Cluste Applic Depto (1)	- 2 - - - - -	- - - - -
/EMGC_GCDomain/GCDomain/jmdeengine#13.2.1.0.0	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - - -	- - - - -
Cloud		Cloud	n...	- - - - -	- - - - -
dev_env1_dev@1000@jems.us.oracle.com		JDE EnterpriseOne Domain	n... EnterpriseOne Managed Home (3) Ent Bus Ser	- 7 - 1 - - - - -	- - - - -
Management Services and Repository	✓	OMS and Repository	↑ Application Deployment, Host (4)	- 9 - - - - -	- - - - -

2. Make the required changes, and then click OK to save the changes.

The screenshot displays the 'Monitoring Configuration' page in Oracle Enterprise Manager Cloud Control 13c. The page title is 'jde\_tls2\_den00gyf.us.oracle.com'. The configuration area contains the following fields:

- \* Enterprise is Cloud enabled:
- \* Enterprise Manager Agent Host: host\_name.us.oracle.com
- \* Enterprise Manager Password:
- \* Enterprise Manager User:
- \* Enterprise Manager Gateway Host:
- \* Jde Provisional Tool Host Machine:
- \* SSH Private Key:
- \* Server Manager Admin Password:
- \* Server Manager Admin User:
- \* Server Manager Hostname: host\_name.us.oracle.com
- \* Server Manager Http Port: 24587
- \* Server Manager JMX Port: 17086
- Server Manager TLS Version: TLSv1.2
- EM Agent trust store path: /scratch/EM13\_4/agent/agent\_13.4.0.0.0/oracle\_common/dk/jre/
- EM Agent trust store Password:
- EM Agent trust store type: JKS

Buttons: OK, Cancel

**Note:**

You must use the Refresh Discovery process for the system to reflect the changes you have made.

See [Updating the JD Edwards EnterpriseOne Domain \(Refresh Discovery\)](#)

## Navigating to the JDE EnterpriseOne Domain Home Page

1. Navigate to Targets, Systems, and select the row where the Type column value is JDE EnterpriseOne Domain.

2. To navigate to the JD Edwards EnterpriseOne Domain Home page, on the Systems form, on the row with the **JDE EnterpriseOne Domain**, click the hyperlink in the Name column where the Type column value is JDE EnterpriseOne Domain.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

**Systems** Auto Refresh Off Page Refreshed

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

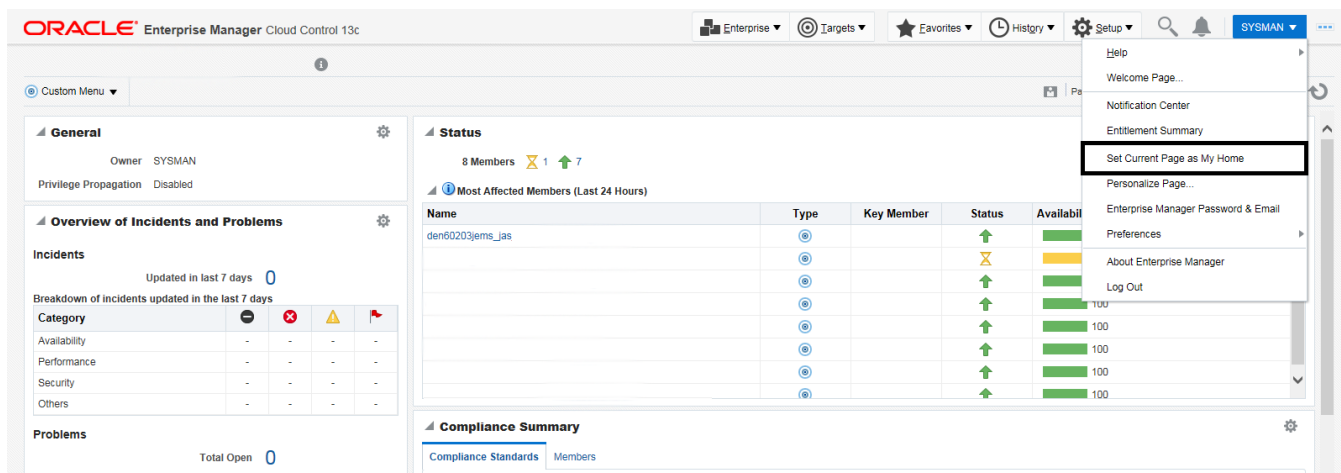
Search  Name  Advanced Search Saved Searches

View Add Edit Remove

Name	Privilege Propagation	Type	Size	Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment			- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/empbs	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n...	Application Deployment (1) Cluste Applic Depl (1)	- 2 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n...	Application Deployment (1)	- 1 - - - -	- - - - -
Cloud		Cloud	n...		- - - - -	- - - - -
dev_env		JDE EnterpriseOne Domain	n...	EnterpriseOne Managed Home (3) Ent Bus Ser Ser	- 7 - 1 - - -	- - - - -
Management Services and Repository	✓	OMS and Repository		Application Deployment (6) Host (1)	- 9 - - - -	- - - - -

Columns Hidden 13

- Optionally you can set the JD Edwards Domain as your Cloud Control home page, with the JD Edwards Domain page as the current page in your Cloud Control session, navigate SYSMAN, Set Current Page as My Home (see below figure).

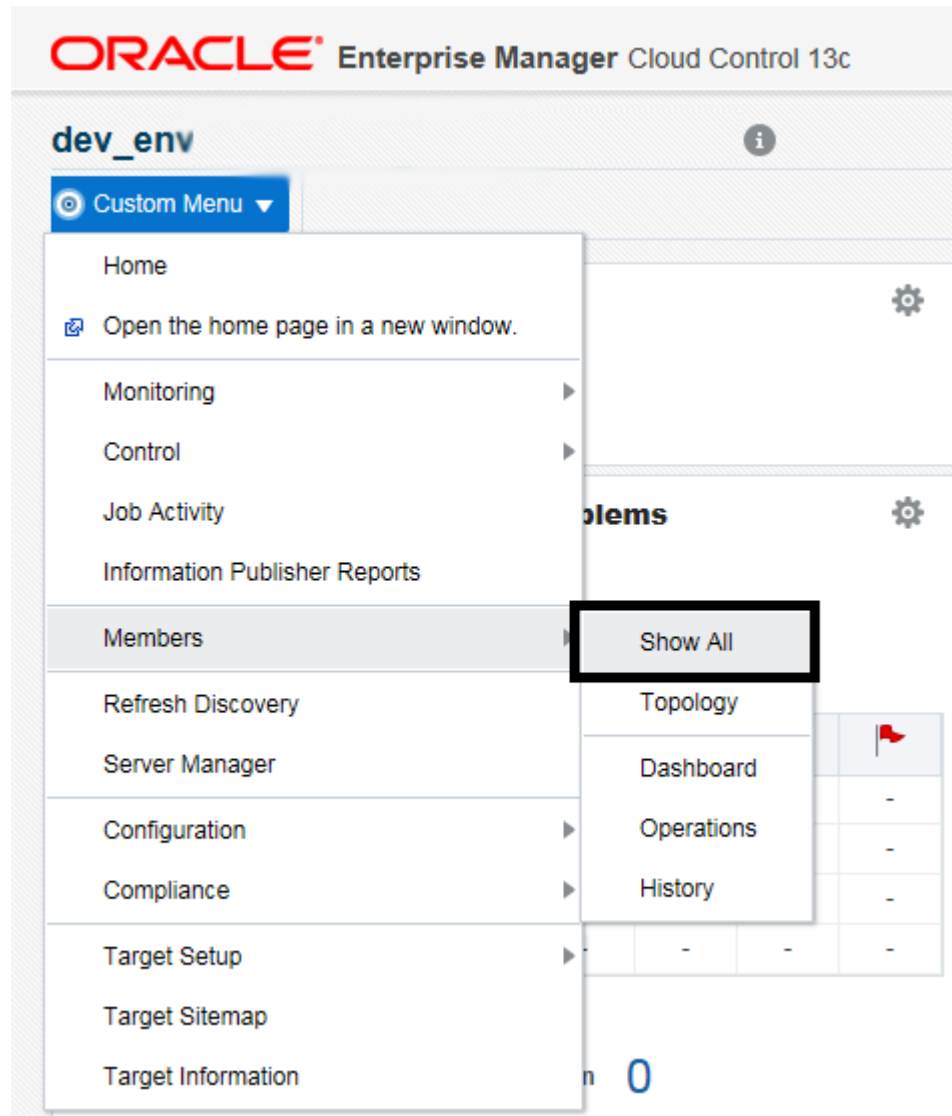




# Displaying Members of the JD Edwards EnterpriseOne Domain

To display members of the JD Edwards EnterpriseOne Domain:

1. With the JD Edwards EnterpriseOne Domain displayed, navigate to Custom Menu, Members, Show All.



Cloud Control displays a list of members as shown in the following example:

ORACLE Enterprise Manager Cloud Control 13c

dev\_env1\_dev4622@ems.us.oracle.com

Members

View:  All Members  Direct Members  Indirect Members

Search: All [ ] Go

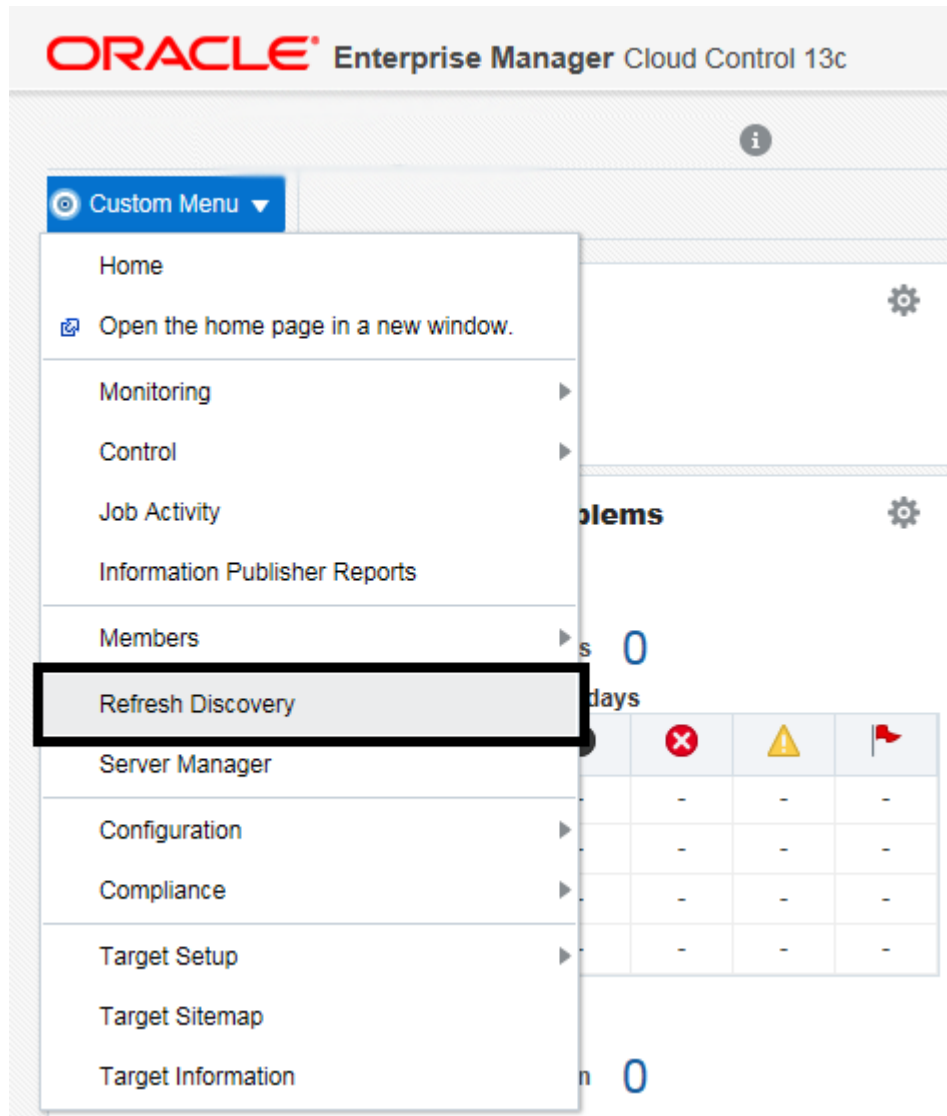
Name	Type	Status	Incidents
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home	↑	0 0 0
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home	↑	0 0 0
_AIS_7040	EnterpriseOne Application Interface Services	↑	0 0 0
bssv_7020	EnterpriseOne Business Services Server	↑	0 0 0
bssv_7022ems	EnterpriseOne Business Services Server	↑	0 0 0
jas_8020	EnterpriseOne HTML Server	↑	0 0 0
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	⚠	0 0 0
EMCC_ENT_6016	EnterpriseOne Enterprise Server	↑	0 0 0

**Note:** JD Edwards EnterpriseOne Application Pack now also supports JD Edwards Application Interface Services Server and JD Edwards Deployment Server. For the Application Interface Services Server, Runtime Metrics and Configuration Metrics are available; for the Deployment Server, only Configuration Metrics is available.

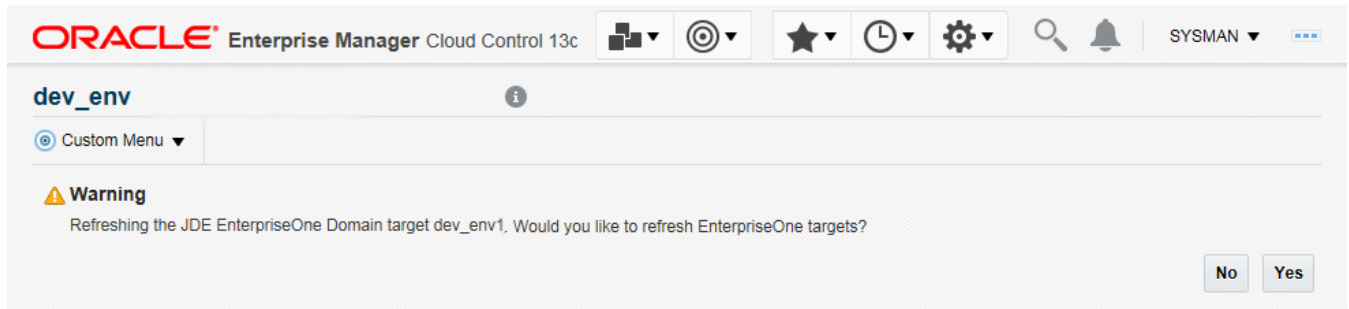
## Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)

To update the JD Edwards EnterpriseOne domain to Cloud Control, use Refresh Discovery as described below.

1. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Refresh Discovery.



2. Cloud Control displays the following warning. On the Warning screen, verify the target and click the **Yes** button to complete the refresh action.



The Cloud Control system refreshes the JD Edwards EnterpriseOne Domain and associated targets. When the process is complete, the system displays the JD Edwards EnterpriseOne Domain Home Page.

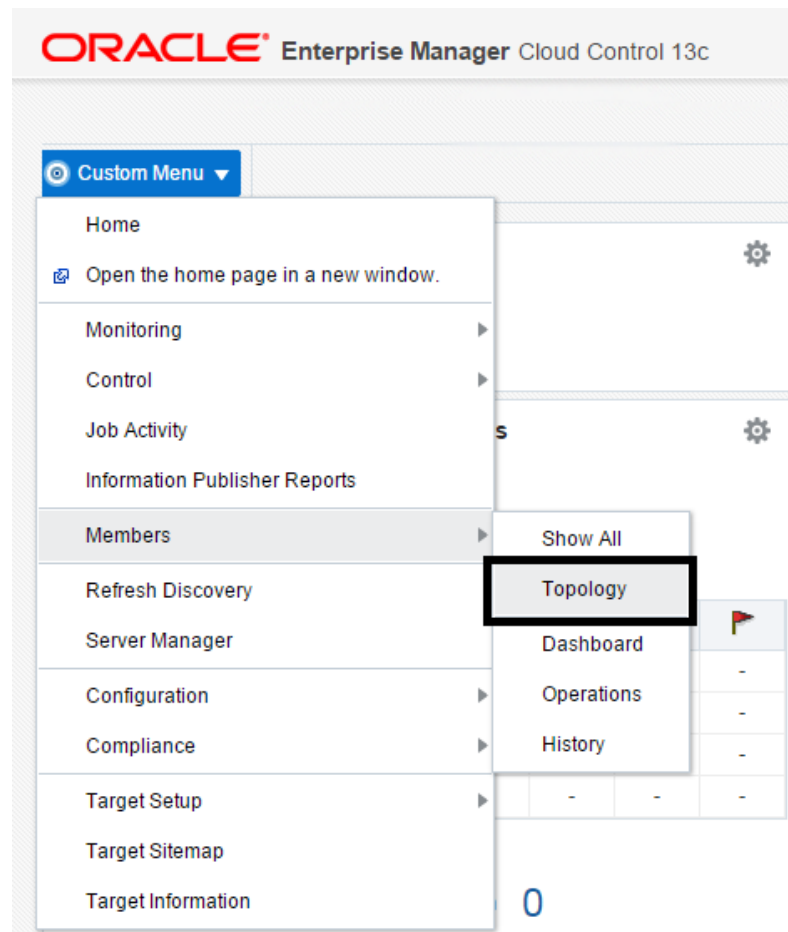
## Displaying the Configuration Topology

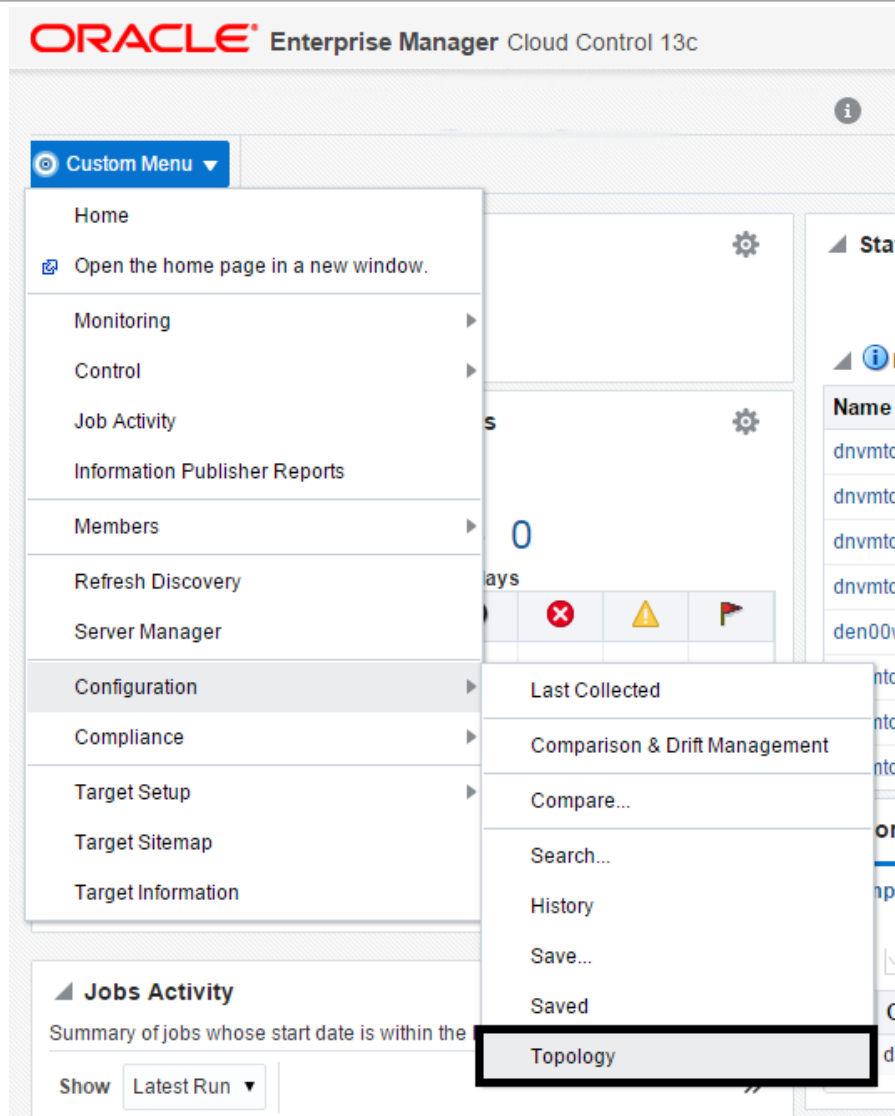
There are several methods to display the configuration topology of the JD Edwards EnterpriseOne Domain.

1. On the JD EnterpriseOne Domain home page, choose either of these navigations:

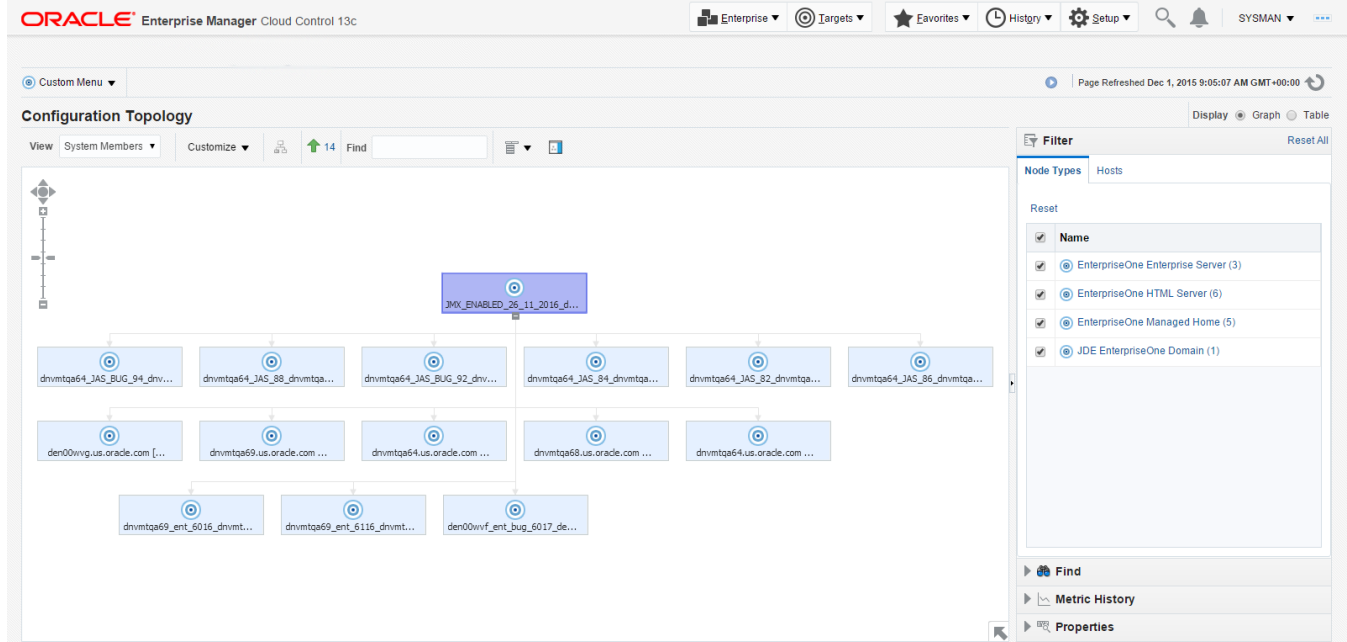
Custom Menu, Members, Topology

Custom Menu, Configuration, Topology





Cloud Control displays a topology graphic as shown in the following example:

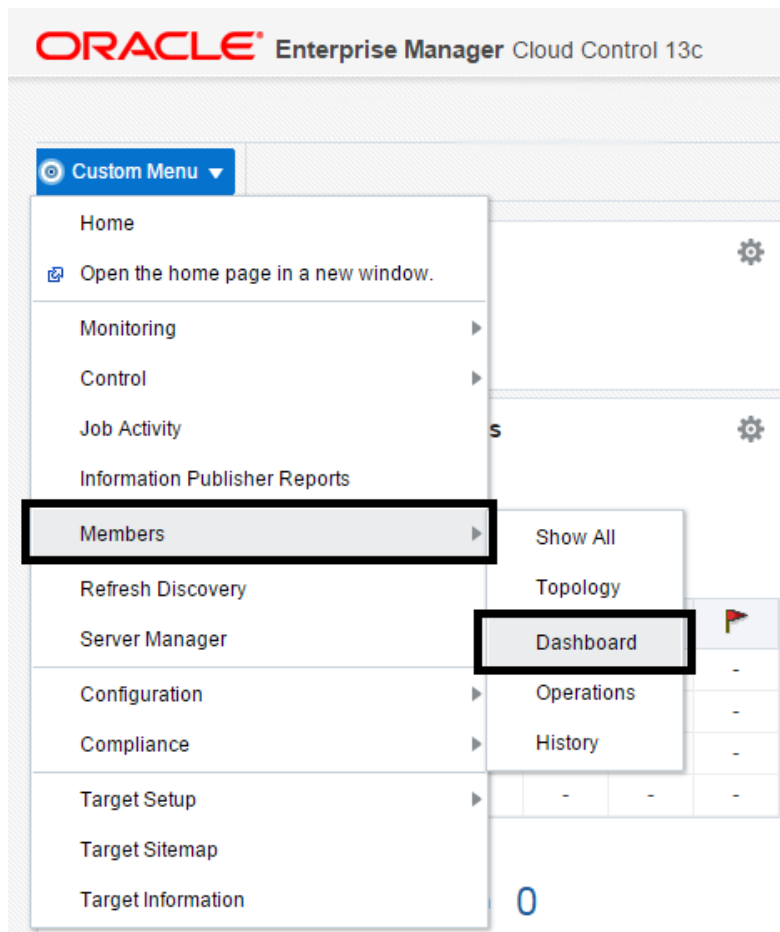


## Navigating to the System Monitoring Dashboard

Use the System Dashboard to view the health of managed targets within a group or system in real time. The System Dashboard presents information using intuitive icons and graphics that let you spot recent changes and quickly identify and respond to problems. You can:

- Customize the display attributes to match information requirements of managed targets.
- Monitor status for recent problems.

To access the System Monitoring Dashboard, navigate to Custom Menu, Members, Dashboard.



The following example illustrates the dashboard for the JD Edwards EnterpriseOne Domain.



ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets

JDE EnterpriseOne Domain: ECONE\_SM Page Refreshed Stop Auto Refresh Customize

Member Targets (8)

Name	Target Type	Status	Incidents				Compliance Violations		
			1	2	3	4	5	6	7
bssv_7020	EnterpriseOne Business Servic...	1 ↓	1	-	-	-	-	-	-
EMCC_ENT_6016	EnterpriseOne Enterprise Server	1 ↑	-	-	-	-	-	-	-
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-
jas_8020	EnterpriseOne HTML Server	1 ↑	-	-	-	-	-	-	-
bssv_7022	EnterpriseOne Business Servic...	1 ↑	-	-	-	-	-	-	-
AIS_7040	EnterpriseOne Application Inter...	1 ↑	-	-	-	-	-	-	-
	EnterpriseOne Managed Home	1 ↑	-	-	-	-	-	-	-

Incidents and Problems

Actions View Category All Acknowledge Clear ... 1 0 0 0

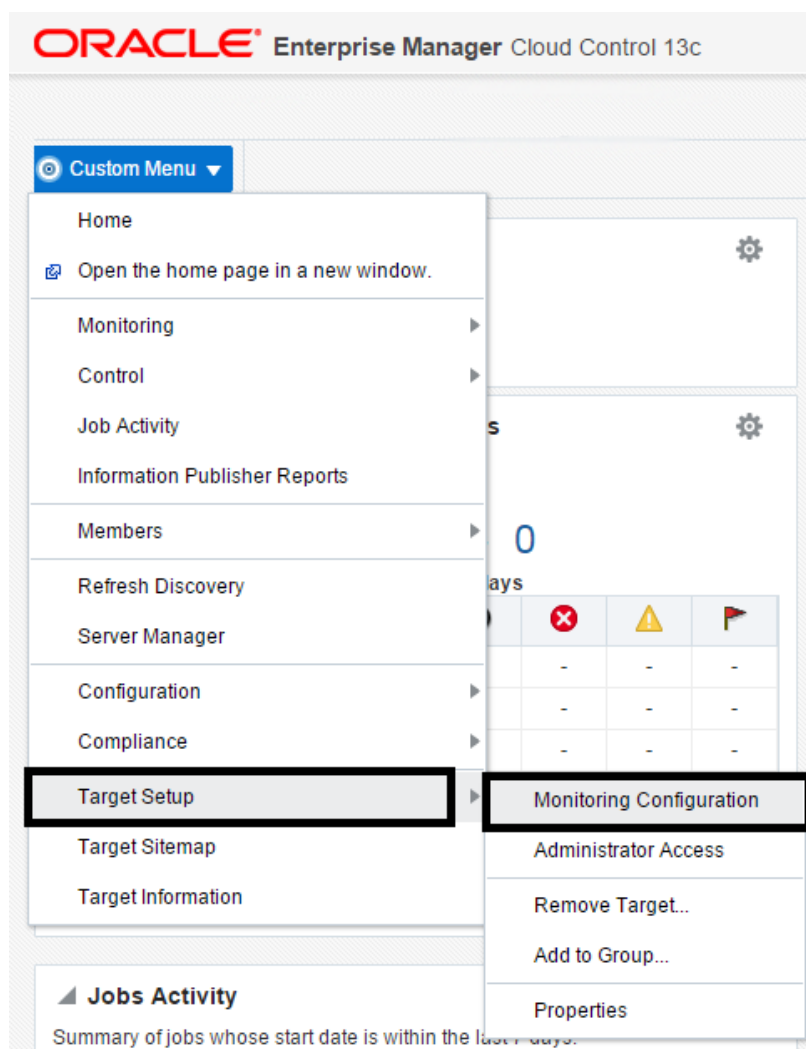
Summary	Severity	Status	Escalation Level	Type	Time Since Last Update	Target Name	Last Comment
The Business Services Server instance is down	1	New	No	Incident	7 days 22 hours	den60203jems_...	(Incident created by rule (Name = Incident management rule set for all targets, Incident creation rule for a Target Down availability status [System generated rule])) on Jun 6, 2016 11:03:02 PM PDT

Columns Hidden 12

## Monitoring Configuration

Cloud Control automatically sets up monitoring configuration for the JDE EnterpriseOne targets.

1. With a JDE target selected (for example, the HTML Server), navigate to Custom Menu, Target Setup, Monitoring Configuration.



If the Monitoring section of the screen indicates that monitoring is automatically enabled for the target's availability and performance, no further monitoring configuration is necessary. You can edit the metric thresholds from the target's home page.

**ORACLE** Enterprise Manager Cloud Control 13c

Enterprise ▾ Targets ▾ ★ ▾ ⌚ ▾ ⚙ ▾ 🔍 🔔 SYSMAN ▾ ⋮

Custom Menu ▾ Page Refreshed ↻

### Monitoring Configuration

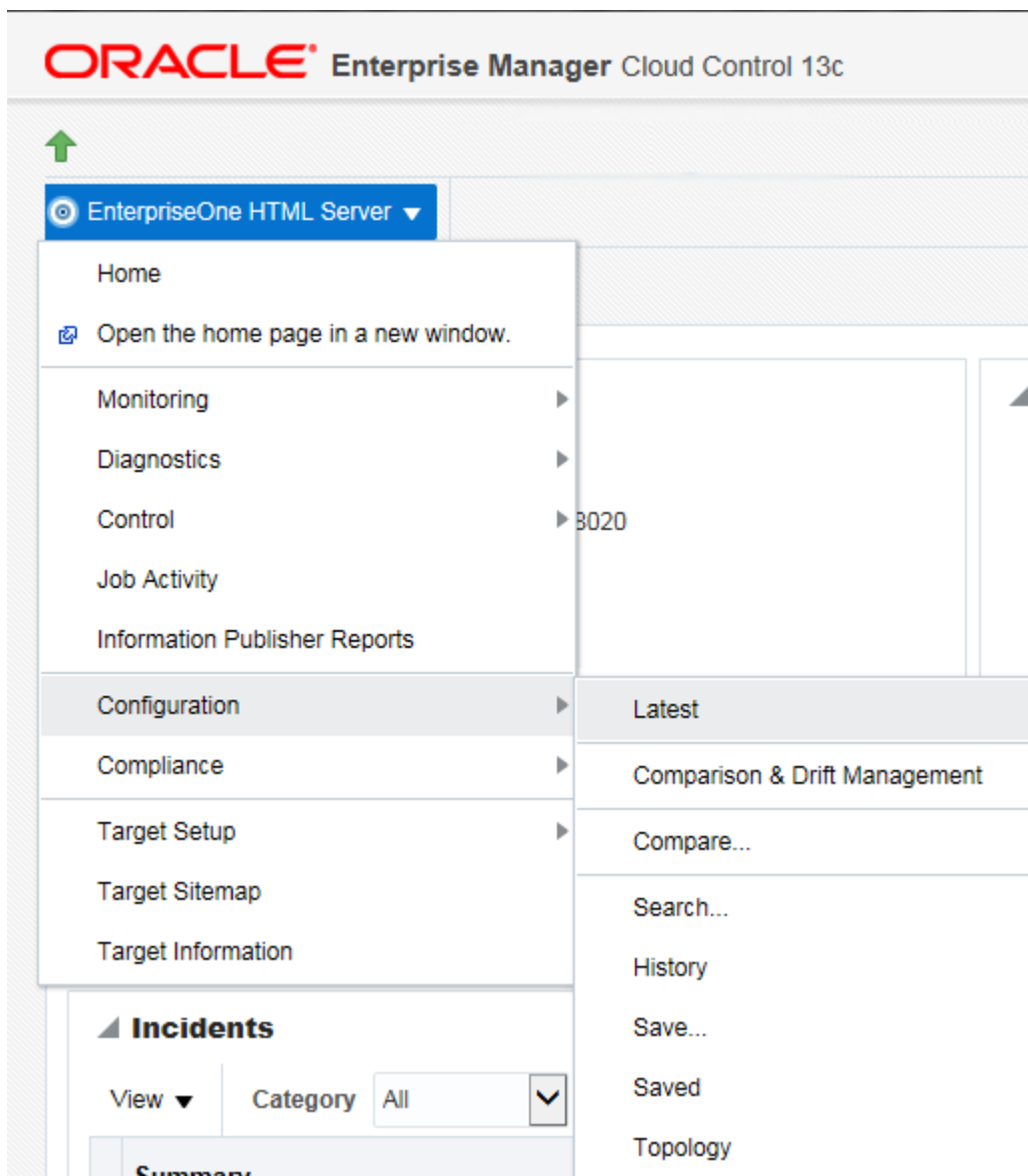
OK Cancel

- \* Enterprise Manager Agent Host
- \* Server Manager Admin Password
- \* Server Manager Admin User
- \* Server Manager Hostname
- \* Server Manager Http Port
- \* Server Manager JMX Port

## Viewing the Latest Configuration Data for Enterprise Manager 13.4

Use this procedure to obtain the latest configuration data for members of the JD Edwards EnterpriseOne Domain. The procedure allows you to see configuration information that is in files such as the `jde.ini` and `jas.ini`. In addition to viewing the configuration information, you can Export or Detach it.

1. With a JD Edwards EnterpriseOne target selected, navigate to EnterpriseOne HTML Server, Configuration, Latest.



Cloud Control displays the latest configuration for the selected Target.

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne HTML Server.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The main content area shows the 'Latest Configuration' for the 'EnterpriseOne HTML Server'. A 'Configuration Report' is visible, detailing the configuration properties for the 'JDE EnterpriseOne Configuration'. The report includes a table with the following data:

Property Name	Property Value
Agent Host Name	
Instance Name	E1_JASC1
JMX Port	17086
JDE Home	/scratch/jde_agent_bssvrte/SCFHA
Management Server Name	
TLS Version	TLSv1.2
TrustStore Location	/scratch/EM13_4/agent/agent_13.4.0.0.0/oracle_common/jdk/jre/lib/security/cacerts
TrustStore TYPE	JKS
Operating System	Linux
Platform	x86_64

The following example illustrates the latest configuration for the JD Edwards EnterpriseOne Enterprise Server.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like Enterprise, Targets, Favorites, History, Setup, and a search bar. The main content area is titled 'Latest Configuration' and shows a 'Configuration Report' for the agent '[C:\vent\_agent\SCFHA]'. The report includes a table of configuration properties.

Property Name	Property Value
Agent Host Name	
Instance Name	
JMX Port	14501
JDE Home	C:\vent_agent\SCFHA
Management Server Name	
TLS Version	TLSv1.2
TrustStore Location	/scratch/EM13_4/agent/agent_13.4.0.0.0/oracle_common/jdk/jre/lib/security/cacerts
TrustStore TYPE	JKS
Operating System	Linux
Platform	x86_64

- To display additional configuration details, expand the node for the Target and click the subnode.

The following example illustrates a JD Edwards EnterpriseOne HTML Server with the **JDE EnterpriseOne Configuration** subnode expanded.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The breadcrumb path is: EnterpriseOne HTML Server > JAS\_0205\_21050\_...oracle.com > JDE EnterpriseOne Configuration. The 'Latest Configuration' section shows a search bar and 'Search', 'Reset', and '+ Add' buttons. Below this is the 'Configuration Properties' section, which includes a table of configuration entries. The table has columns for Configuration File Name, Section Name, Configuration Entry Name, and Configuration Entry Value. The data is as follows:

Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value
jas.ini	OWWEB	TransactionProc...	true
jas.ini	OWWEB	UseAddActionF...	false
jas.ini	OWWEB	WAN	true
jas.ini	OWWEB	WorkCenter	WorkCenter
jas.ini	OWWEB	decryptors	X\com.jdedwards.base.util.encryption.XORDecoder
jas.ini	OWWEB	pollServerForPu...	true
jas.ini	OWWEB	pollServerInterval	3000
jas.ini	OWWEB	showERExcepti...	false
jas.ini	OWWEB	useRoleHierarchy	true

At the bottom right of the table, it indicates 'Rows: 158'.

## Runtime Metrics (Status, User Count, and Performance)

You can use Cloud Control to monitor the status of all members of the JD Edwards domain. Cloud Control can also monitor the performance of these JD Edwards EnterpriseOne servers:

- Enterprise Server
  - HTML Web Server
1. On the Members for JDE EnterpriseOne Domain form, you can view the following details for each member:
    - Status
    - Alerts
    - Policy Violations



2. For **EnterpriseOne Enterprise Server** and **EnterpriseOne HTML Server** member types, you can view the following performance data:
  - Home tab
    - General
    - User Count
    - Incidents
    - Host Incidents
  - Performance tab
    - Call Object Kernel Average Execute Time
    - Java Heap
    - Call Object Kernel Timeout Errors
    - Instance Level Memory
    - Instance Level CPU

Following are examples of the Home tab for each JD Edwards EnterpriseOne Server Type (Enterprise Server and HTML Server, respectively).

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup Search SYSMAN

EMCC\_ENT\_6016

EnterpriseOne Enterprise Server Page Refreshed

Home Performance

**General**

Status Up

Instance Name EMCC\_ENT\_6016

Operating System Linux

Platform x86\_64

JDE Home /slot/ems9920/oracle/Middleware/jde\_home\_1/SCFMC

Management Server Name

JMX Port 16521

**User Count**

03:00 AM 05:00 07:00 09:00 11:00 01:00 PM 03:00 05:00 07:00 09:00 11:00 01:00 AM

May 23 2016 24

User Count

Table View

**Incidents**

View Category All

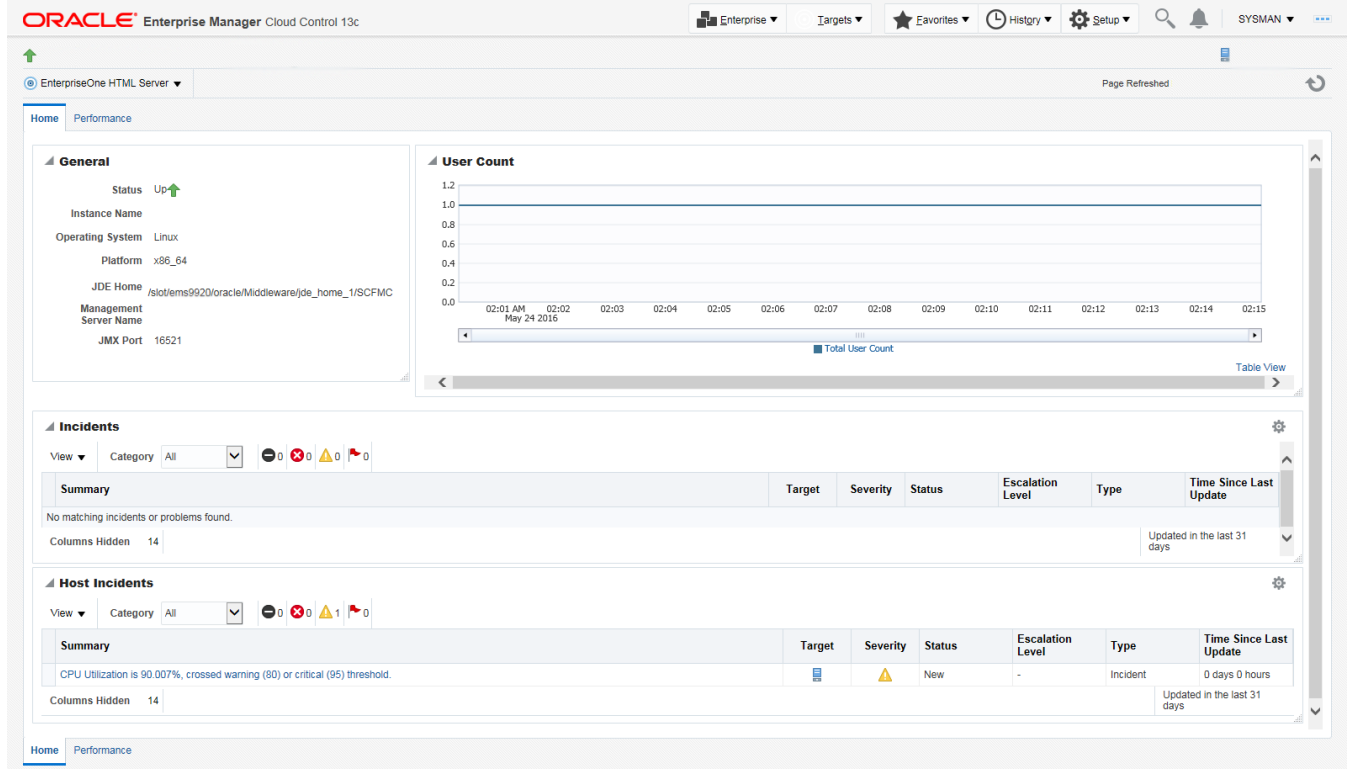
Summary	Target	Severity	Status	Escalation Level	Type	Time Since Last Update
No matching incidents or problems found.						
Columns Hidden						Updated in the last 31 days

**Host Incidents**

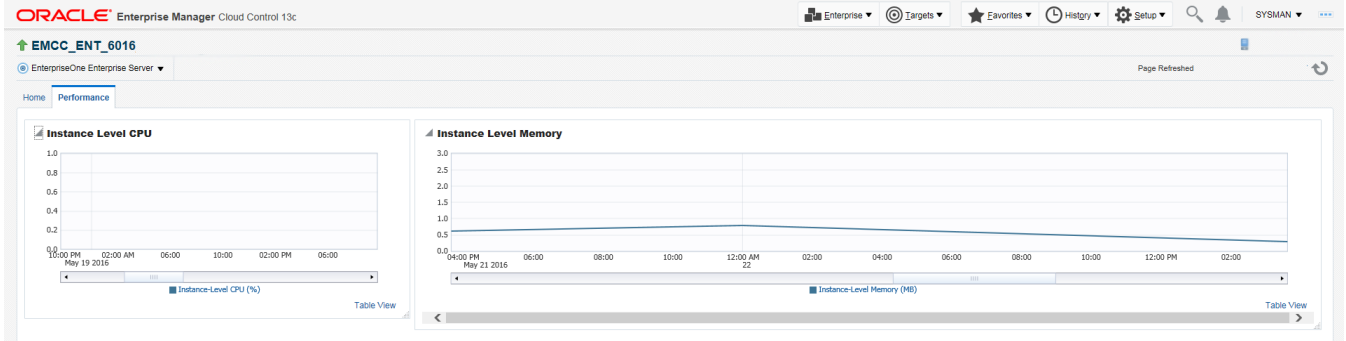
View Category All

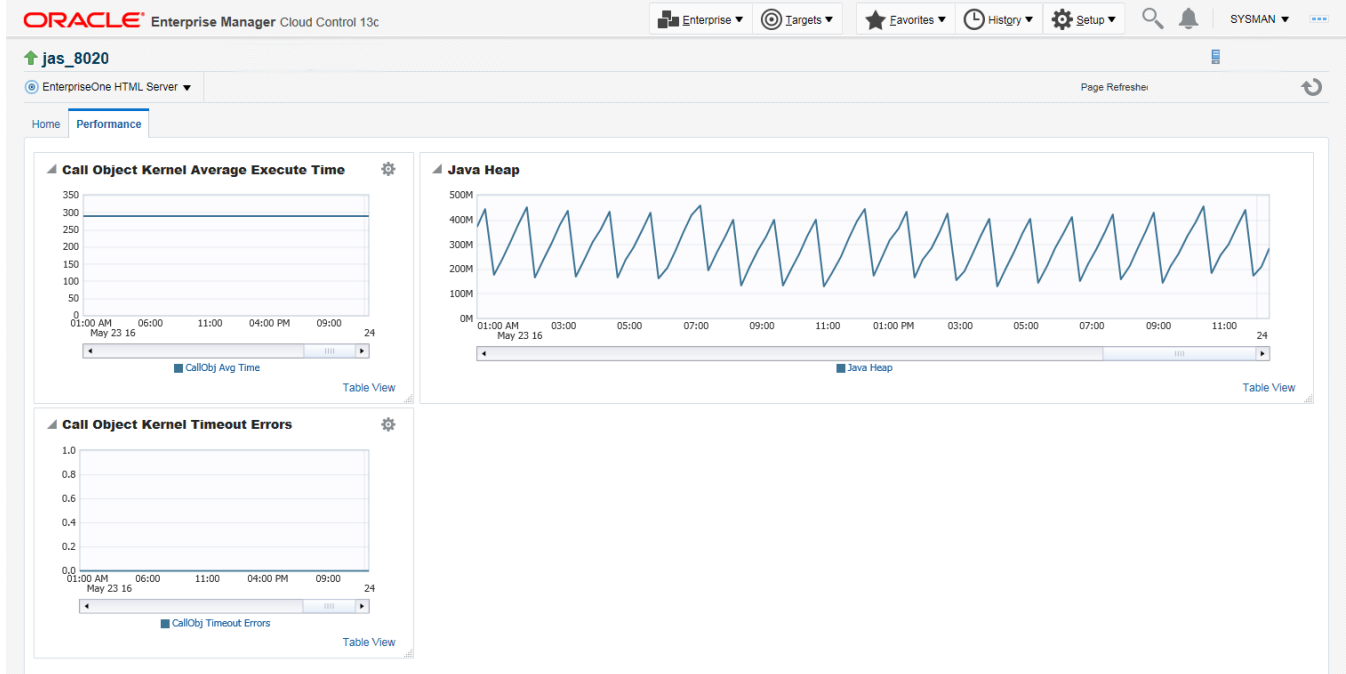
Summary	Target	Severity	Status	Escalation Level	Type	Time Since Last Update
CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold.			New	-	Incident	0 days 0 hours
Columns Hidden						Updated in the last 31 days

Home Performance



Following are examples of the Performance tab for each JD Edwards EnterpriseOne Server Type (Enterprise Server and HTML Server, respectively).





For the Application Interface Services Server, the following runtime metrics are displayed:

- Summary
- Status
- Incidents and Problems

Following is an example of the home page for the Application Interface Services Server.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons. The main content area is titled 'AIS\_BUILD' and shows a summary of 'EnterpriseOne Application Interface Services'. The 'Incidents and Problems' section is active, displaying a table with columns: Summary, Target, Severity, Status, Escalation Level, Type, and Time Since Last Update. The table currently shows 'No matching incidents or problems found.' and indicates that 14 columns are hidden and the data is updated in the last 31 days.

## Configuration Metrics for JD Edwards EnterpriseOne for Enterprise Manager 13.4

You can view all configuration metrics for these JDE EnterpriseOne member Types:

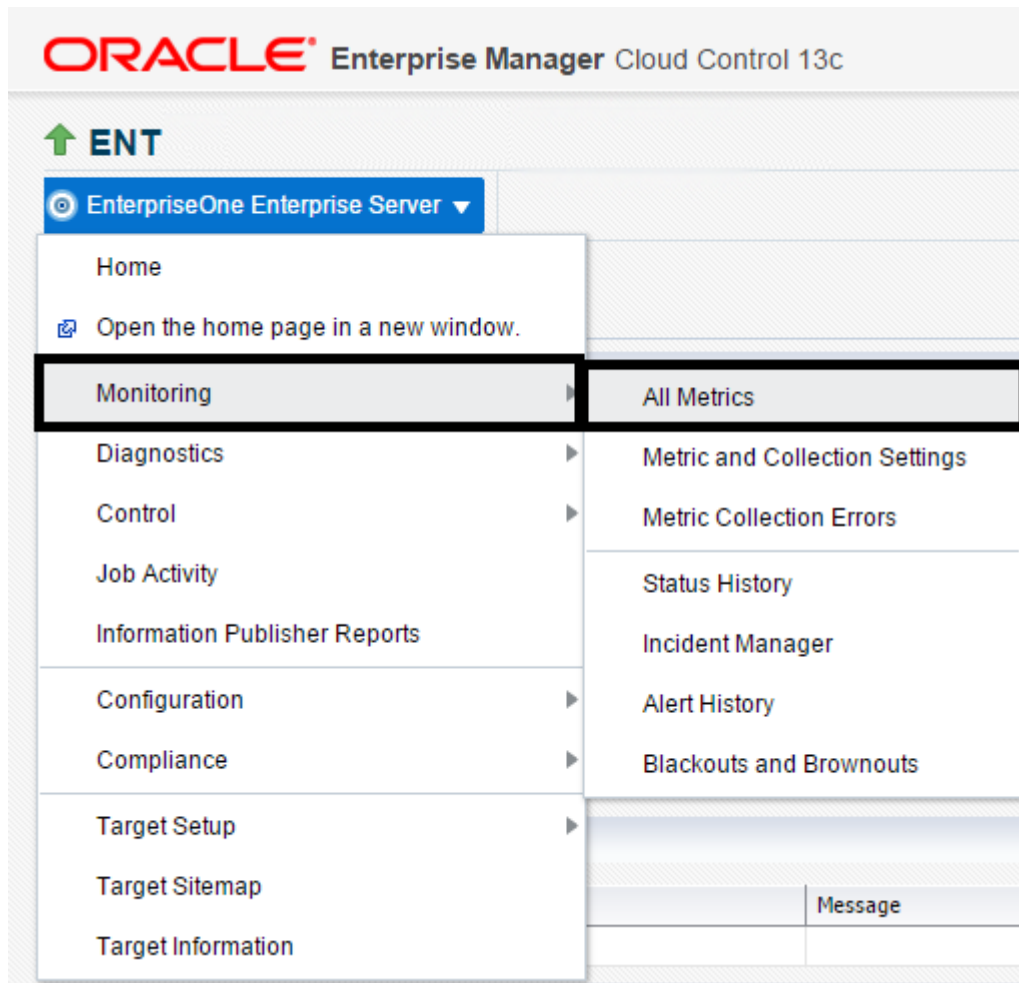
- [Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server](#)
- [Viewing All Metrics for JD Edwards EnterpriseOne HTML Server](#)
- [Viewing All Metrics for JD Edwards EnterpriseOne Application Interface Services Server](#)

### Viewing All Metrics for JD Edwards EnterpriseOne Enterprise Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne Enterprise Server.

1. On Members for JDE EnterpriseOne Domain (or also from the Dashboard for the JDE EnterpriseOne Domain), click the link for the Name of the EnterpriseOne Enterprise Server.

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne Enterprise Server, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Enterprise Server. These metrics include:
  - o Average CPU % Used by All Kernels
  - o Enterprise Server Process Manager
  - o JDE Enterprise Server Log Monitor (Release 9.2.1 Update)
  - o Kernel Process
  - o Kernel Thread
  - o Network Process
  - o Response
  - o Total JDB Table Cache Count
  - o Total JDE Cache
  - o Total Number of DB Connections
  - o Total Number of Incoming Network Connections
  - o Total Number of Outstanding Requests
  - o Total Number of Users
  - o Other collected items



**ORACLE** Enterprise Manager Cloud Control 13c

↑ ENT

EnterpriseOne Enterprise Server

920\_RS\_ENT - All Metrics

**All Metrics**

Search

View

- 920\_RS\_ENT
  - Average CPU % Used by all Kernels
  - Enterprise Server Process Manager
  - Kernel Process
  - Kernel Thread
  - Network Process
  - Response
  - Total JDB Table Cache Count
  - Total JDE Cache
  - Total Number of DB Connections
  - Total Number of Incoming Network Connections
  - Total Number of Outstanding Requests
  - Total Number of Users
  - Other collected items.

**Overview**

**Open Metric Events**

0 Open Alerts

0 Critical

0 Warning

**Metric Collection Errors**

0 Metric Collection Errors

**Important Metric charts** View Data Last 24 Hours Auto Refresh Off

No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history.

**Deployed Metric Extensions**

View Undeploy Upgrade

Name	Display Name	Runs On	Version	Description	Is Latest
No data to display.					

Columns Hidden 2

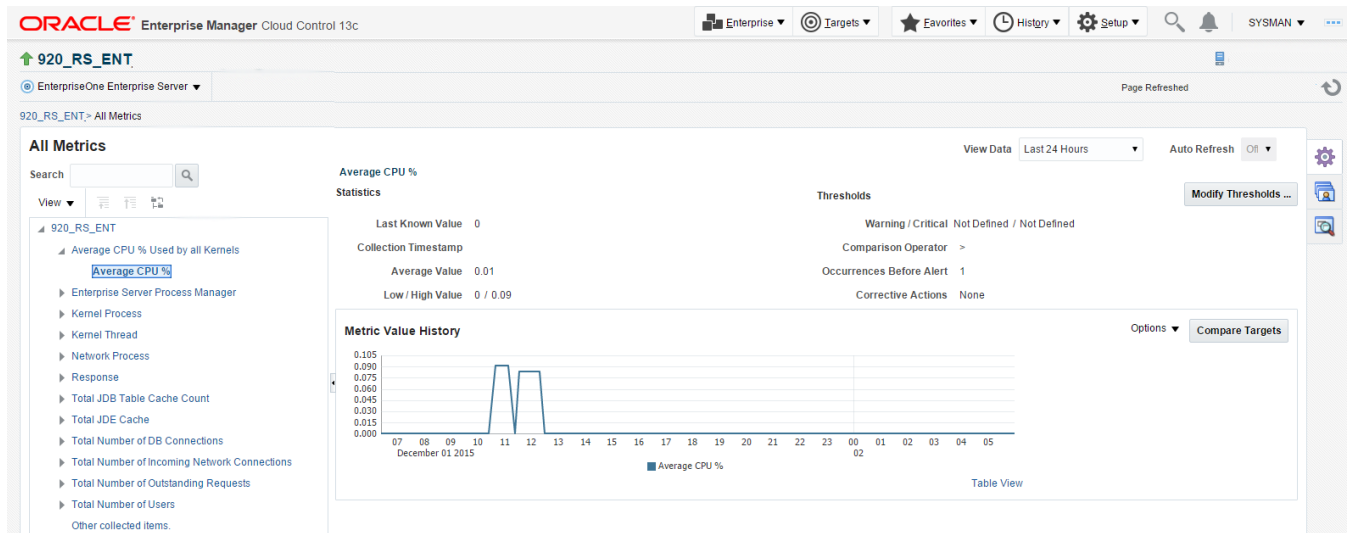
4. You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Average CPU % Used By All Kernels node.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The breadcrumb path is 920\_RS\_ENT > EnterpriseOne Enterprise Server. The page title is "All Metrics". On the left, a search bar and a "View" dropdown are present. Below them is a tree view for "920\_RS\_ENT" with "Average CPU % Used by all Kernels" selected. The main content area shows the details for this metric: "Average CPU % Used by all Kernels", "Collection Schedule: Every 15 Minutes", "Upload Interval: Every Collection", and "Last Upload". A table displays the following data:

Metric	Thresholds	Real Time Value
Average CPU %	Not Set	0.06

Below the table, a checkbox is checked with the text "Data shown in above table is collected in real time." The right sidebar contains icons for settings, home, and search.

5. You can also click the subnodes to display additional information. The following screen is a sample of the metrics shown when you click the Average CPU % subnode of the Average CPU % Used By All Kernels node.



## Viewing All Metrics for JD Edwards EnterpriseOne HTML Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne HTML Server.

1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the EnterpriseOne HTML Server.

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne HTML Server, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne HTML Server. These metrics include:
  - o Average Execution Time
  - o Cache Group
  - o Call Object (BSFN) Stats
  - o Current number of open applications (All Users)
  - o Database Datasource
  - o General System Info and Uptime
  - o JDB Service Cache
  - o JDBj Cache Prepared Statement
  - o JDBj Connection Manager
  - o JDBj Pooled Connection
  - o JDE HTML Server Log Monitor (Release 9.2.1 Update)
  - o JDENET Connection Manager
  - o JDENET Connection Pool Socket
  - o Java Heap Memory Used
  - o Response
  - o Total Number of System Errors
  - o Total Number of Timeout Errors
  - o Total number of current users
  - o Other collected items

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. At the top, the breadcrumb path is 'Enterprise Manager Cloud Control 13c' followed by navigation icons for Enterprise, Targets, Favorites, History, Setup, and a search bar. The user is logged in as 'SYSMAN'. The main content area is titled '915bip - All Metrics'. On the left, there is a search bar and a 'View' dropdown. Below this is a tree view of metrics, with '915bip' selected. The main area shows an 'Overview' section with two summary cards: 'Open Metric Events' showing 0 Open Alerts, and 'Metric Collection Errors' showing 0 Metric Collection Errors. Below these are 'Important Metric charts' and 'Deployed Metric Extensions'. The 'Deployed Metric Extensions' section contains a table with columns: Name, Display Name, Runs On, Version, Description, and Is Latest. The table is currently empty, displaying 'No data to display.' and 'Columns Hidden: 2'.

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the Call Object (BSFN) Stats node.

The screenshot displays the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes 'Enterprise', 'Targets', 'Favorites', 'History', 'Setup', and 'SYSMAN'. The breadcrumb path is '915bip > All Metrics'. The left sidebar, titled 'All Metrics', shows a search bar and a tree view where '915bip' is selected and expanded to show 'Call Object (BSFN) Stats'. The main content area, titled 'Overview', contains several sections:

- Open Metric Events:** Shows 0 Open Alerts with a red '0' and 'Critical' indicator.
- Metric Collection Errors:** Shows 0 Metric Collection Errors with a yellow '0' and 'Warning' indicator.
- Important Metric charts:** A section with a dropdown for 'View Data' set to 'Last 24 Hours' and 'Auto Refresh' set to 'Off'. It contains the text: 'No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history.'
- Deployed Metric Extensions:** A section with 'Undeploy' and 'Upgrade' buttons. Below is a table with columns: Name, Display Name, Runs On, Version, Description, and Is Latest. The table is empty with the text 'No data to display.' and 'Columns Hidden 2'.

- You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Application Errors subnode of the Call Object (BSFN) Stats node.

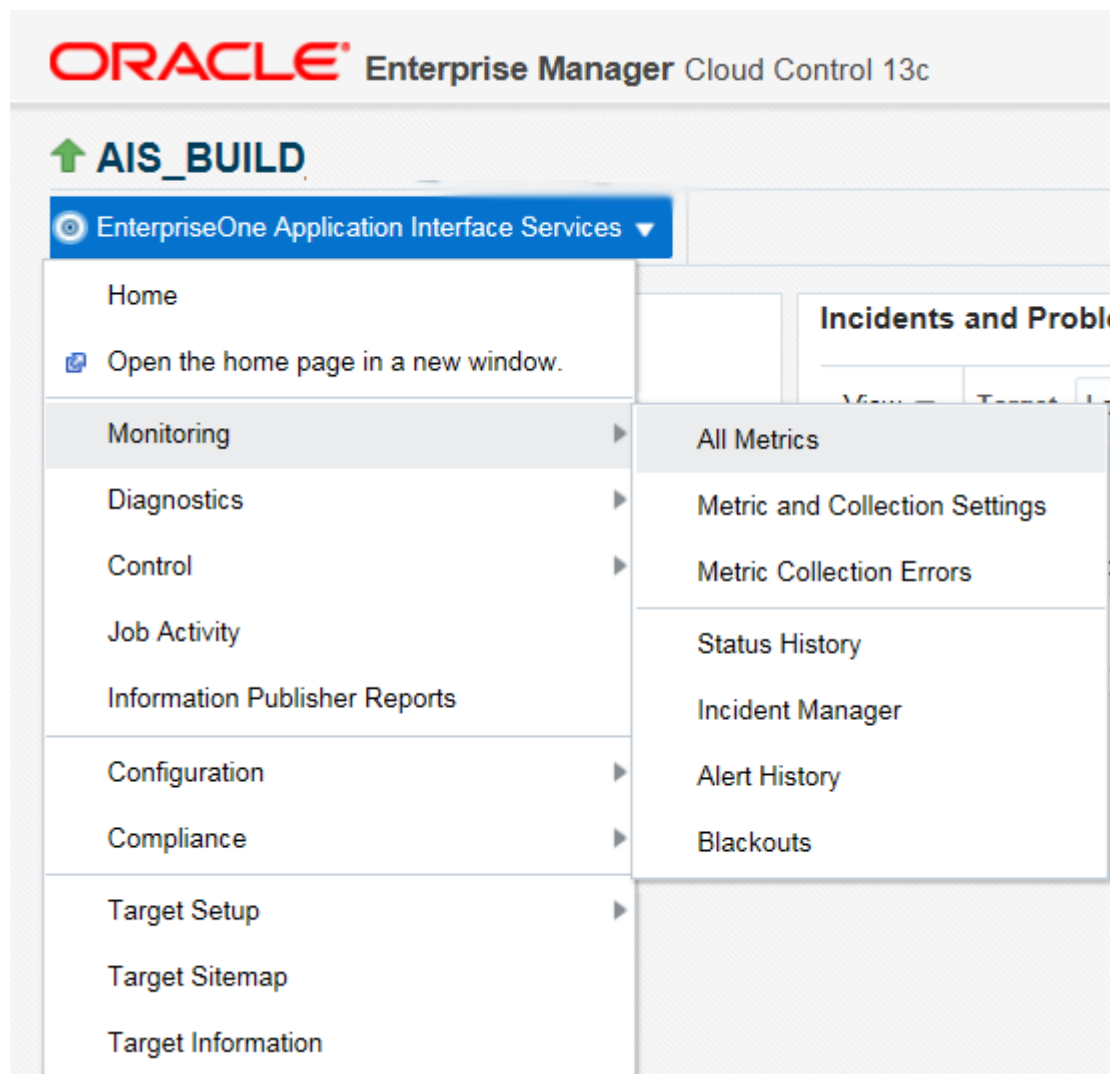
The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, 'Enterprise Manager Cloud Control 13c', and various utility icons like Enterprise, Targets, Favorites, History, Setup, and a search icon. The main content area is titled '915bip' and shows the 'All Metrics' view for the 'EnterpriseOne HTML Server'. A search bar is present above the metrics list. The left-hand navigation tree is expanded to show 'Application Errors' under the 'Call Object (BSFN) Stats' node. The main table area, titled 'Application Errors', has columns for 'JVM Node Id', 'Enterprise Server', 'Business Function Name', 'Average Value', 'Low Value', 'High Value', 'Last Known Value', 'Current Severity', 'Alert Triggered', and 'Last Collection Timestamp'. The table currently contains the text 'No data to display.' Below the table, there is a prompt 'Select row to see details...'.



## Viewing All Metrics for JD Edwards EnterpriseOne Application Interface Services Server

Use this procedure to view all metrics for the JD Edwards EnterpriseOne Application Interface Services Server.

1. On Members for JDE EnterpriseOne Domain, click the link for the Name for the EnterpriseOne Application Interface Services Server.
2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate to EnterpriseOne Application Interface Services Server, Monitoring, All Metrics.



3. On the All Metrics form, you can view any of the metrics that are available for the JD Edwards EnterpriseOne Application Interface Services Server. These metrics include:
  - General System Info
  - Java Heap Memory Used
  - Response
  - Total Number of Users
  - Other collected items

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The top navigation bar includes the Oracle logo, the text "Enterprise Manager Cloud Control 13c", and various utility icons. The main content area is titled "AIS\_BUILD" and shows the "All Metrics" page for "EnterpriseOne Application Interface Services".

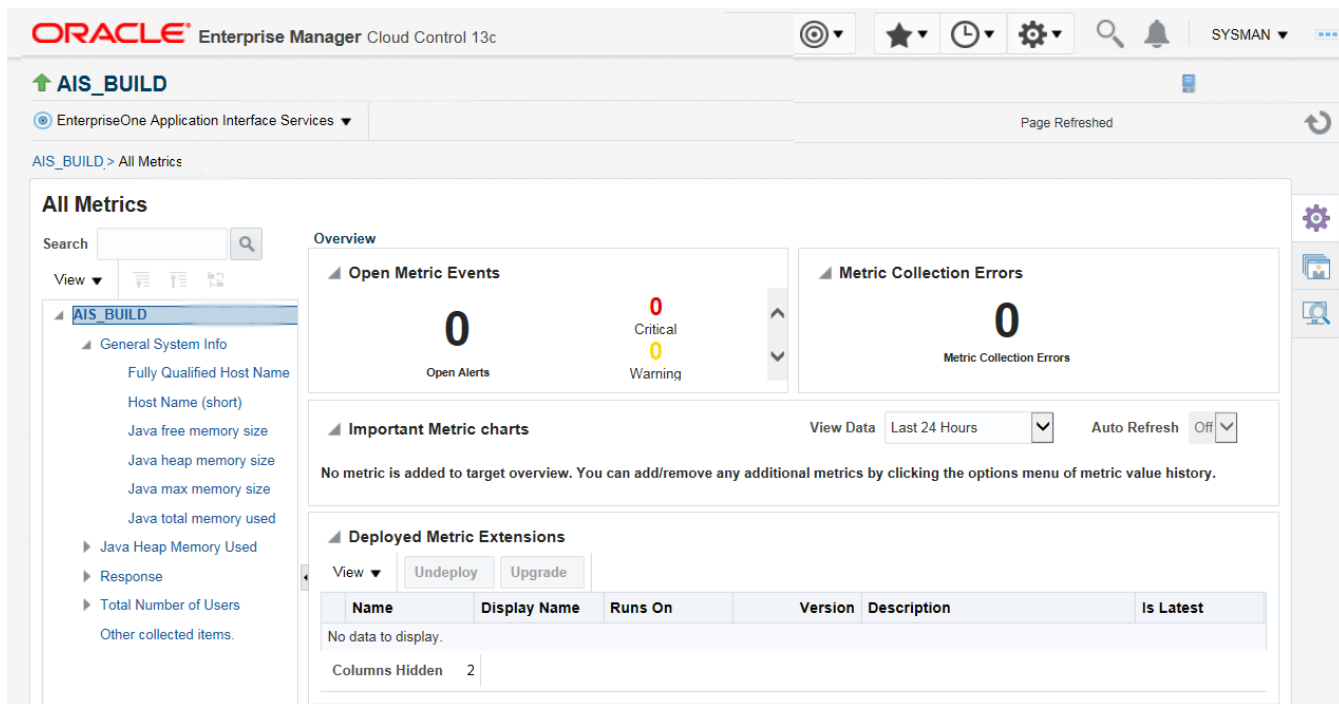
The "All Metrics" section includes a search bar and a "View" dropdown. A left-hand navigation pane lists the following metrics:

- General System Info
- Java Heap Memory Used
- Response
- Total Number of Users
- Other collected items.

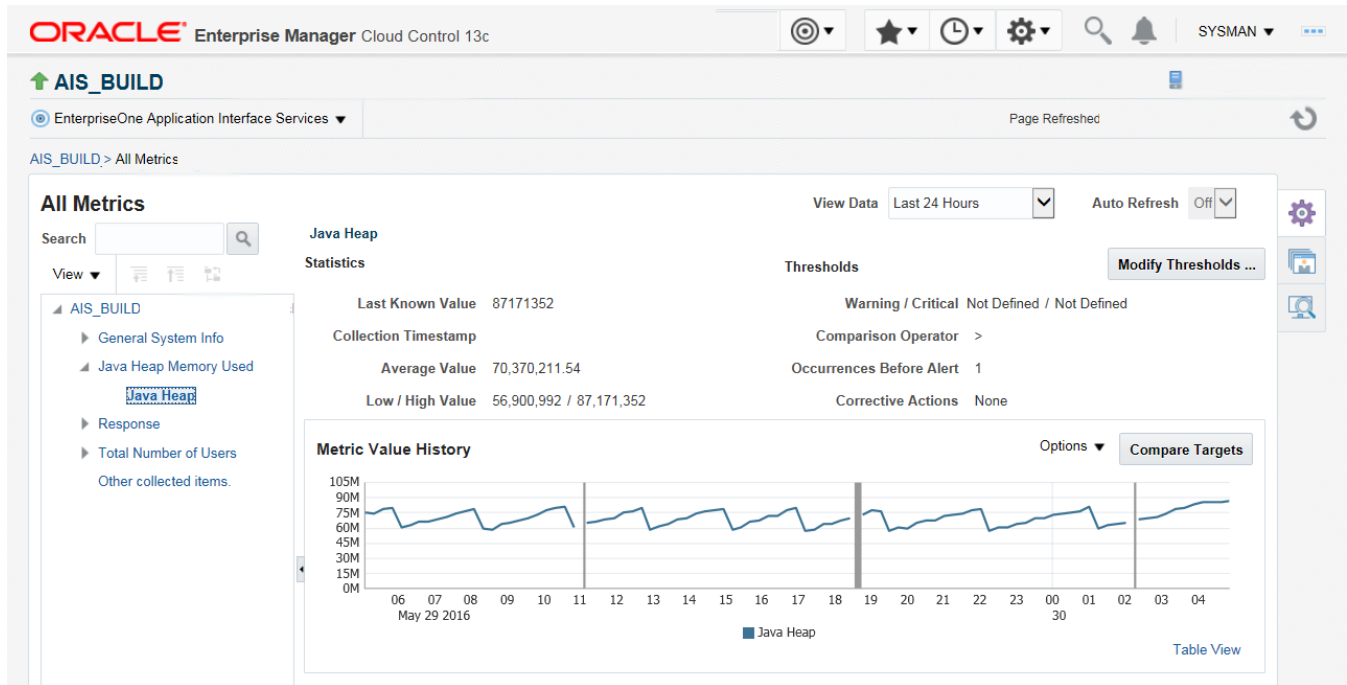
The main content area is divided into several sections:

- Open Metric Events:** Shows 0 Open Alerts, 0 Critical, and 0 Warning.
- Metric Collection Errors:** Shows 0 Metric Collection Errors.
- Important Metric charts:** Includes a "View Data" dropdown set to "Last 24 Hours" and an "Auto Refresh" toggle set to "Off". A message states: "No metric is added to target overview. You can add/remove any additional metrics by clicking the options menu of metric value history."
- Deployed Metric Extensions:** Includes "Undeploy" and "Upgrade" buttons. Below is a table with columns: Name, Display Name, Runs On, Version, Description, and Is Latest. The table contains the message "No data to display." and "Columns Hidden 2".

- You can expand a metric node to view its subnodes. The following screen is an example of the metrics when you click the General System Info node.

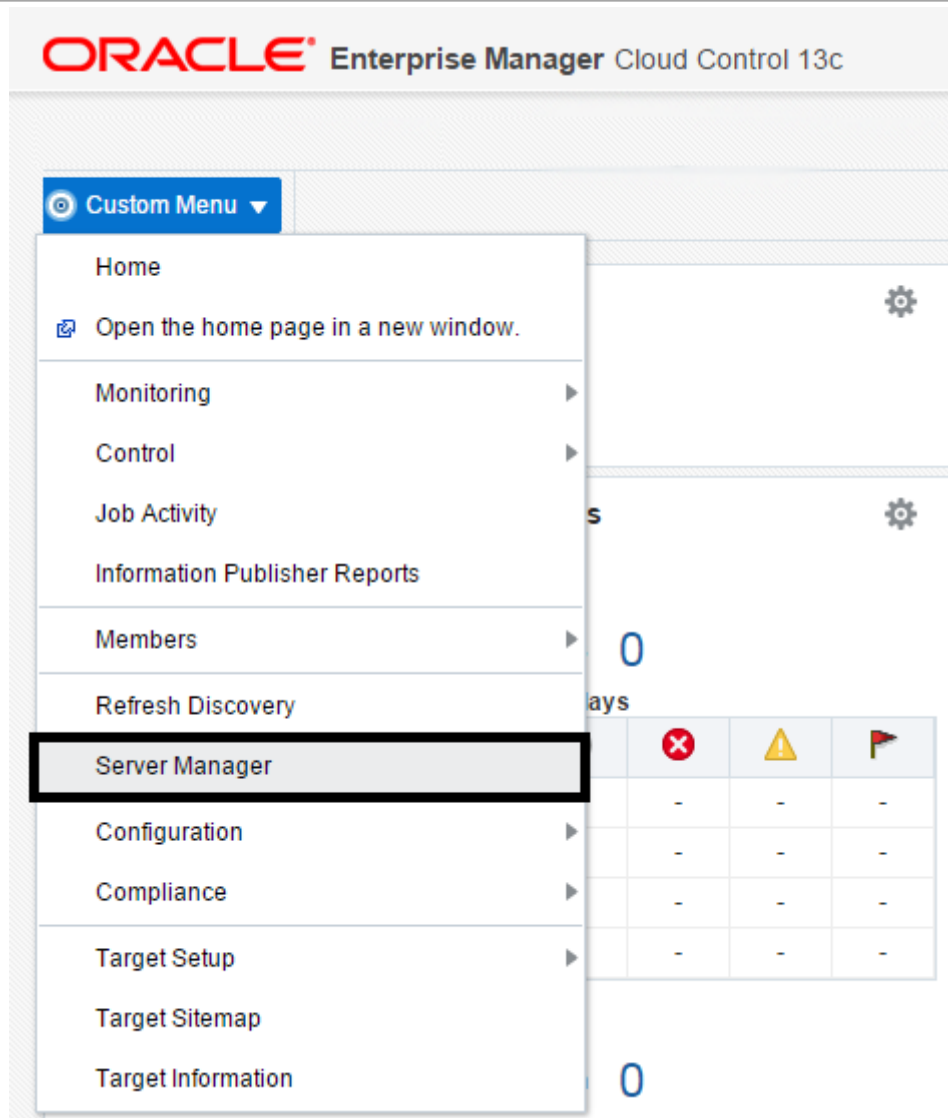


5. You can also click the subnodes to display additional information. The following screen is an example of the metrics shown when you click the Java Heap of the Java Heap Memory Used node.



## Accessing Server Manager from Cloud Control

You can directly access the JD Edwards EnterpriseOne Server Manager used in the installation of Enterprise Manager. On the JD Edwards EnterpriseOne Domain Home Page, navigate to Custom Menu, Server Manager.



You will be redirected to the Server Manager login page with this URL syntax:

`http://SM_Host:SM_Port/manage/home`

where *SM\_Host* and *SM\_Port* are retrieved from the monitoring configuration.

The Server Manager target machine is derived from the values in these fields on Monitoring Configuration:

- Server Manager Hostname
- Server Manager HTTP Port

For example:

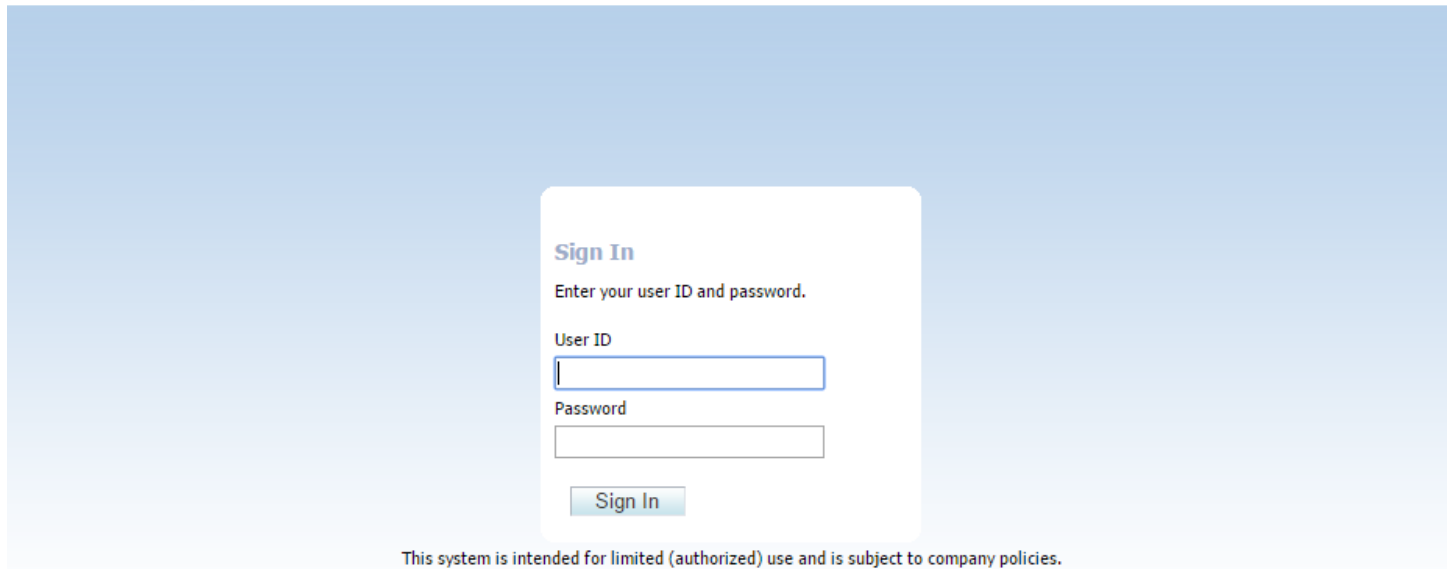
The screenshot shows the Oracle Enterprise Manager interface. At the top, there is a navigation bar with the Oracle logo and 'Enterprise Mana' text. Below this is a 'Custom Menu' dropdown and a 'Page Refreshed' indicator. The main content area is titled 'Monitoring Configuration' and contains several input fields:

- \* Enterprise Manager Agent Host: [Empty text box]
- \* Server Manager Admin Password: [Masked password field]
- \* Server Manager Admin User: [Masked password field]
- \* Server Manager Hostname: [Empty text box]
- \* Server Manager Http Port: 8999
- \* Server Manager JMX Port: 14501

The 'Server Manager Hostname' and 'Server Manager Http Port' fields are highlighted with a black rectangular box.

The following example shows the Server Manager login page that is displayed when you are redirected.

**ORACLE** JD Edwards EnterpriseOne Server Manager



**Sign In**  
Enter your user ID and password.

User ID

Password

Sign In

This system is intended for limited (authorized) use and is subject to company policies.

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After you enter valid credentials for this Server Manager, the Server Manager Home page is displayed as shown in the following example:

Select Instance...

### Managed Homes and Managed Instances

Use the dropdown below to select the desired management view.

Select View: **Managed Homes and Managed Instances**

**Managed Homes**

Shown below are each of the known managed homes and the managed instances they contain. If there is a managed home that is not running and you wish to not see it listed here you may remove it.

Select [Managed Home]:

Select All | Select None

Managed Home Location	Managed Instances
<input type="checkbox"/> appmgrjde_home_agent/SCFHA	func_jas_92_7076 EnterpriseOne HTML Server ↑ Running
	EM13c_REFRESH_JAS EnterpriseOne HTML Server ↓ Stopped
	JMX_BSSV EnterpriseOne Business Services Server ↑ Running
	dem6021jems_func_jas_7072 EnterpriseOne HTML Server ↑ Running
	jas_92_7074 & func. EnterpriseOne HTML Server ↑ Running
	RIETEST EnterpriseOne Transaction Server ↑ Running
	jas_7070_jems_func. EnterpriseOne HTML Server ↑ Running
	RTE_JMX EnterpriseOne Transaction Server ↓ Stopped
	ams_92_7084 & func. EnterpriseOne Application Interface Services ↑ Running



## Removing the JD Edwards EnterpriseOne Domain

1. Navigate to Targets, Systems, and with the JDE EnterpriseOne Domain selected, click the Remove button.

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup SYSMAN

**Systems** Auto Refresh Off Page Refreshed

A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.

Search All Name Advanced Search Save...

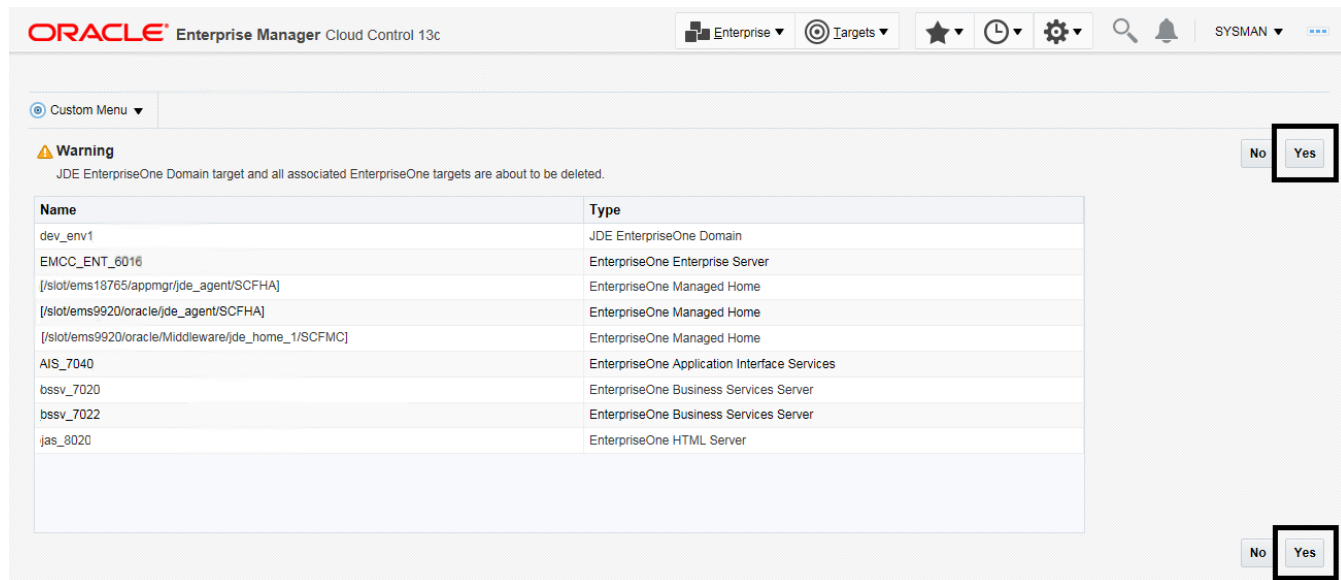
View Add Edit Remove

Name	Privilege Propagation	Type	Str Members	Member Status Summary	Incidents
/EMGC_GCDomain/GCDomain/EMGC_OWS/emptus	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓	Application Deployment	↑	- - - - -	- - - - -
/EMGC_GCDomain/GCDomain/emptus	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/ESSAPP	✓	Domain Application Deployment	n... Application Deployment, Cluste Applic Deploy (1)	- 2 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
/EMGC_GCDomain/GCDomain/OCMRepeater	✓	Domain Application Deployment	n... Application Deployment (1)	- 1 - - - -	- - - - -
Cloud		Cloud	n...	- - - - -	- - - - -
dev_env1		JDE EnterpriseOne Domain	n... EnterpriseOne Managed Home (3) Ent Bus Ser	- 7 - 1 - - - -	- - - - -
Management Services and Repository	✓	OMS and Repository	Application Deployment, Host (1)	- 9 - - - -	- - 1 - -

Columns Hidden 13

Cloud Control displays a warning and lists the Domain target and associated EnterpriseOne targets that will be deleted.

2. As shown in the screen below, click the Yes button to confirm the deletion.



After you click the Yes button, Cloud Control displays a progress screen indicating the deletion of the JD Edwards EnterpriseOne targets.

After the system domain target is deleted, Cloud Control returns to the All Targets page.

## Starting and Stopping Components of Enterprise Manager Environments

This section discusses:

- *Starting Enterprise Manager Environment Components*
- *Stopping Enterprise Manager Environment Components*

## Starting Enterprise Manager Environment Components

Use these commands to start Enterprise Manager environment components:

- **Start database**

```
sqlplus '/as sysdba'  
sql> startup
```

- **Start Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl start
```

- **Start WebLogic Node Manager**

```
Stop ADMIN SERVER from console in case it is running without Node Manager  
/u01/app/emgc13/wlserver_12.1/server/bin/setWLSEnv.sh  
/u01/app/emgc13/wlserver_12.1/server/bin/startNodeManager.sh
```

- **Start OMS**

```
/u01/app/emgc13/oms/bin/emctl start oms
```

- **Start Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl start agent
```

## Stopping Enterprise Manager Environment Components

Use these commands to stop Enterprise Manager environment components:

- **Stop Agent**

```
/u01/app/emgc13/agent/agent_inst/bin/emctl stop agent
```

- **Stop OMS (this stops the OMS Server)**

```
/u01/app/emgc13/oms/bin/emctl stop oms
```

- **Stop Database Listener**

```
/u01/app/oracle/home/bin/lsnrctl stop
```

- **Stop Database**

```
sqlplus '/as sysdba'  
sql> shutdown immediate
```

# 10 Undeploying JDE AppPack Components

## Undeploying JDE AppPack Components

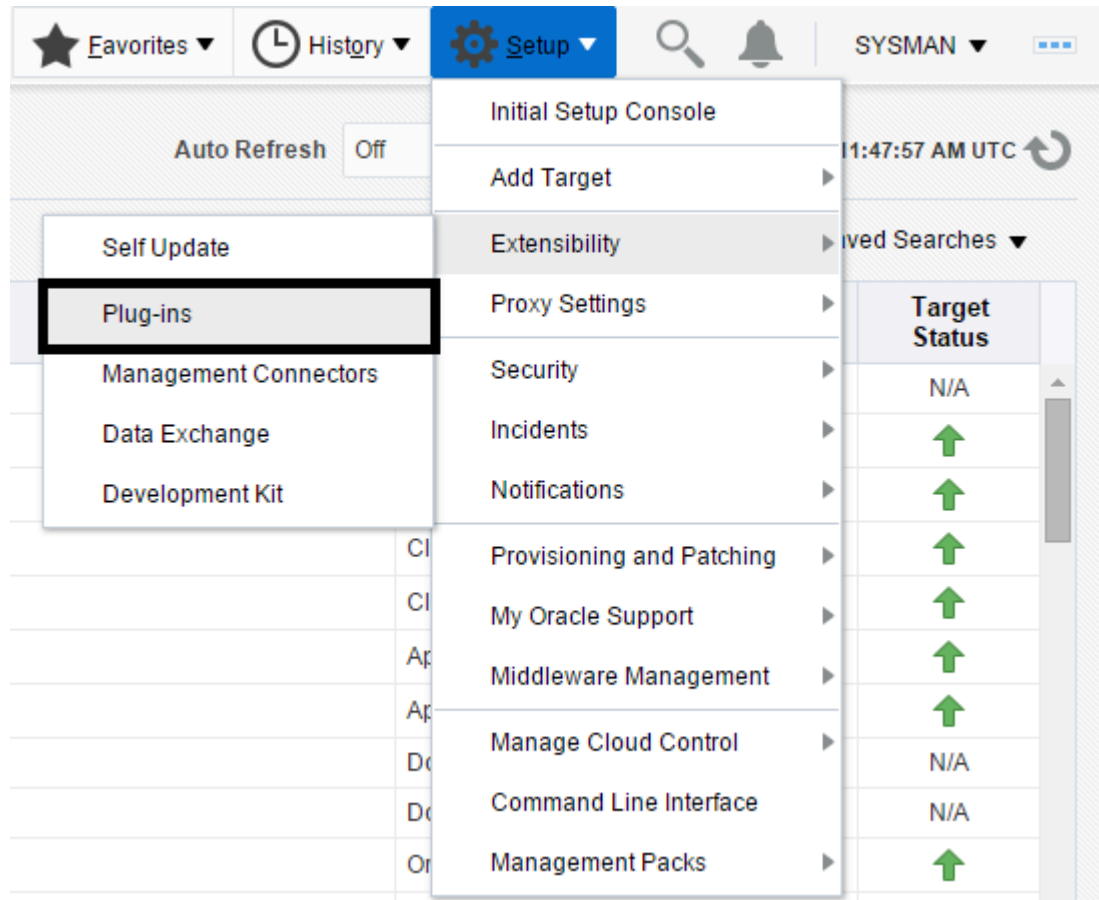
The proper sequence for undeploying JD Edwards AppPack Components is to undeploy from the Management Agent first, and then undeploy from the Management Servers.

### Undeploying the JD Edwards AppPack from the Management Agent

Use this procedure to undeploy the JD Edwards AppPack from the Management Agent.

**CAUTION:** You should do this step prior to undeploying the JD Edwards AppPack from Management Servers, which is described in the next section of this guide entitled: *Undeploying the JD Edwards AppPack from Management Servers*.

1. On the Oracle Enterprise Manager Cloud Control form, navigate to Setup, Extensibility, Plug-ins.



2. With the deployed plug-in highlighted, right-click and choose Undeploy From, Management Agent.

**ORACLE** Enterprise Manager Cloud Control 13c

Enterprise ▼ Targets ▼ Favorites ▼ History ▼ Setup ▼ SYSMAN

**Plug-ins** Page Refreshed Nov 29, 2015 8:54:07 PM PST

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to deploy or undeploy plug-ins.

Actions ▼ View ▼ Deploy On ▼ Undeploy From ▼ Check Updates Deployment Activities

Name	Version		Management Agent with Plug-in	Description
	Latest Av	Downloaded		
Applications				
Oracle Fusion Applications	13.13.1.1.0.0			0 Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diagnostics in fusion application area.
Oracle Jdedwards EnterpriseOne			13.1.1.1.0	1 Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management for Oracle Jdedwards EnterpriseOne system.
Oracle Siebel				0 Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.
Cloud				
Databases				
Engineered Systems				
Middleware				
Servers, Storage and Network				
Oracle Audit Vault				0 Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.
Oracle Audit Vault and Database Firewall				0 Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.
Oracle Beacon	13.13.1.0.0.0		13.1.0.0.0	1 Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
Oracle Consolidation Planning and Chargeback	13.13.1.1.0.0			N/A Enterprise Manager for Oracle Consolidation Planning and Chargeback provides metering, chargeback and consolidation planning for various Enterprise Manager targets.
Oracle ORAch Healthchecks	13.13.1.1.0.0			N/A Enterprise Manager for Oracle ORAch Health Checks provides proactive health check alerts for Engineered and Non-Engineered Systems.

**Oracle Jdedwards EnterpriseOne**

General Recent Deployment Activities

Action	Status	Version	User	Start Time	End Time
Deployment on Management Agent : dem@igys.us.oracle.com:3872	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:50:12 AM	Nov 27, 2015 3:51:24 AM
Deployment on Management Server : dem@igys.us.oracle.com:4889_Management_Service	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:34:53 AM	Nov 27, 2015 3:42:38 AM



3. On the Undeploy Plug-in on Management Agent, General form, click the **Continue** button to undeploy the auto-detected Management Agent.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. A dialog box titled "Undeploy Plug-in from Management Agent" is open. The dialog has a "General" tab and displays the following information:

- Name: Oracle Jdedwards EnterpriseOne
- Management Agent with this plug-in: den00gxy.us (den00gxy.us:3872)
- Operating System: Linux x86-64
- Deployed Version: 13.1.1.1.0
- Status: Up (indicated by a green arrow)

At the bottom of the dialog, there are "Continue" and "Cancel" buttons. The "Continue" button is highlighted with a red box. Below the dialog, a table shows deployment activities:

Action	Status	Version	User	Start Time	End Time
Deployment on Management Agent	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:50:12 AM	Nov 27, 2015 3:51:24 AM
Deployment on Management Server	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:34:53 AM	Nov 27, 2015 3:42:38 AM

On the Undeploy Plug-in on Management Agent, Review form, the system displays a warning that undeployment of the plug-in on the Management Server will restart the agent.

**Undeploy Plug-in from Management Agent** [X]

**Review**  
⚠ Undeployment of plug-ins from the Management Agent deletes the targets monitored by the plug-in, and also restarts the Management Agent. During downtime, the Management Agent will not be able to monitor any targets.

Name Oracle Jdedwards EnterpriseOne

Management Agent with this plug-in

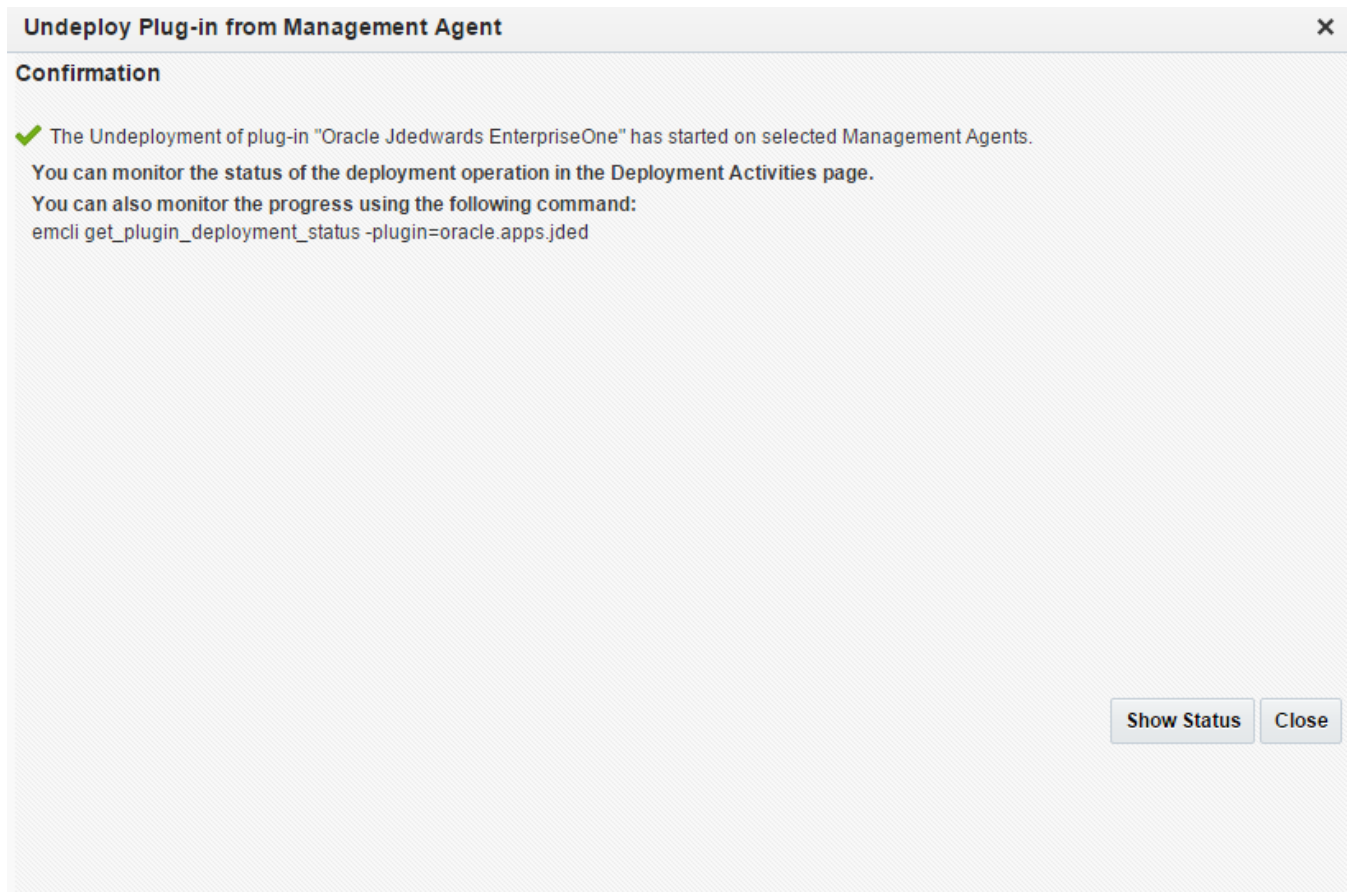
Management Agent	Operating System	Deployed Plug-in Version	Status
oracle.com:3872	Linux x86-64	13.1.1.1.0	↑

\* - Dependent Agents

[Back] [Undeploy] [Cancel]

4. Click the Undeploy button.

5. On the Undeploy Plug-in on Management Agent, Confirmation form, click the Show Status button. This Confirmation screen indicates that the undeployment is started on the selected agents.



The undeployment is complete when the status shows a green check mark on this Deployment Step:  
Deconfiguring Plug-in from Agent

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup Search SYSMAN

Plug-ins Page Refreshed Nov 29, 2015 9:05:15 PM PST

Plug-ins > Deployment Activities  
 Deployment Activities Auto Refresh Off

**Recent Activities**

- All Activities
- Successful Activities
- Failed Activities
- Discovery Activities
- Activities on Management Server
- Activities on Management Agent
- Deployment Activities
- Undeployment Activities

Name	Version	Status	Content Type	Destination	Job Name	Start Time	End Time
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	✓	Discovery	emoms@ll.oracle.com:3872	PLUGIN_AGENT_UNDEPLOYMENT_5_14...	Nov 29, 2015 8:59:33 PM	Nov 29, 2015 9:01:07 PM
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	✓	Plug-in	emoms@ll.oracle.com:3872	PLUGIN_AGENT_UNDEPLOYMENT_5_14...	Nov 29, 2015 8:59:28 PM	Nov 29, 2015 8:59:53 PM

Deployment Steps: Oracle Jdedwards EnterpriseOne

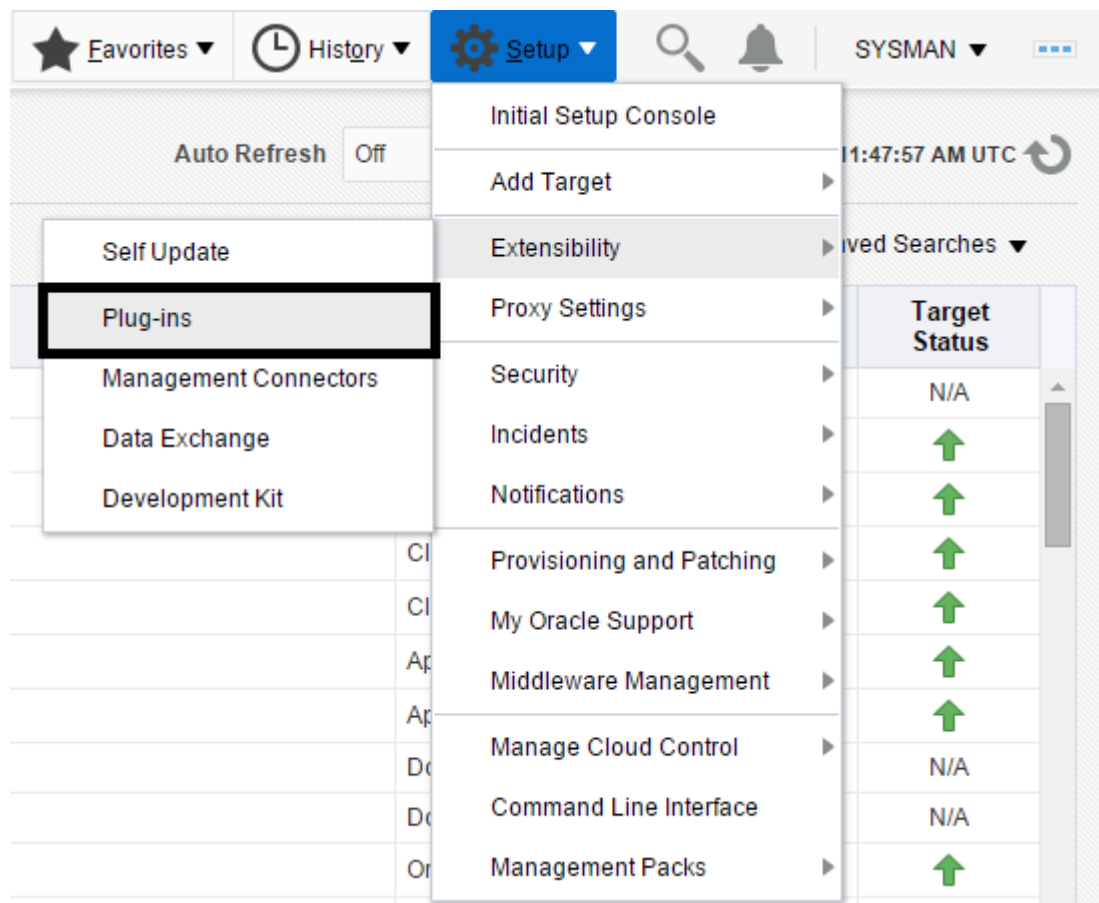
Step	Status	Start Time	End Time	Log File
Initialize	✓	Nov 29, 2015 8:59:33 PM	Nov 29, 2015 8:59:33 PM	emoms.log
Delete target	✓	Nov 29, 2015 8:59:33 PM	Nov 29, 2015 8:59:33 PM	emoms.log
Deconfigure plug-in from Management Agent	✓	Nov 29, 2015 8:59:53 PM	Nov 29, 2015 9:01:07 PM	agentplugindeploy_5.log
Update inventory	✓	Nov 29, 2015 8:59:53 PM	Nov 29, 2015 9:01:07 PM	emoms.log

# Undeploying the JD Edwards AppPack from Management Servers

Use this procedure to undeploy the JD Edwards AppPack from Management Servers.

**CAUTION:** Prior to undeploying the JD Edwards AppPack from Management Servers, you should undeploy it from the Management Agent. Refer to the previous section of this guide entitled: *Undeploying the JD Edwards AppPack from the Management Agent*.

1. On the Oracle Enterprise Manager Cloud Control form, navigate to Setup, Extensibility, Plug-ins.



2. With the deployed plug-in highlighted, right click and choose Undeploy From, Management Servers.

**ORACLE Enterprise Manager Cloud Control 13c** Enterprise Targets Favorites History Setup SYSMAN

**Plug-ins** Page Refreshed Nov 29, 2015 9:05:49 PM PST

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to deploy or undeploy plug-ins.

Actions View Deploy On Undeploy From Check Updates Deployment Activities

Name	Version		Management Agent with Plug-in	Description
	Latest Av. Downloaded	On Management Server		
Applications				
Oracle Fusion Applications	13.13.1.1.0.0			Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diagnostics in fusion application area.
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	13.1.1.1.0		Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management for Oracle Jdedwards EnterpriseOne system.
Oracle Siebel				Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.
Cloud				
Databases				
Engineered Systems				
Middleware				
Servers, Storage and Network				
Oracle Audit Vault	13.1.0.4.0			Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.
Oracle Audit Vault and Database Firewall	13.1.1.0.0			Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.
Oracle Beacon	13.13.1.0.0.0	13.1.0.0.0	1	Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
Oracle Consolidation Planning and Chargeback	13.13.1.1.0.0			N/A Enterprise Manager for Oracle Consolidation Planning and Chargeback provides metering, chargeback and consolidation planning for various Enterprise Manager targets.
Oracle ORAchk Healthchecks	13.13.1.1.0.0			N/A Enterprise Manager for Oracle ORAchk Health Checks provides proactive health check alerts for Engineered and Non-Engineered Systems.

**Oracle Jdedwards EnterpriseOne**

General Recent Deployment Activities

Action	Status	Version	User	Start Time	End Time
Undeployment on Management Agent: <a href="#">details@us.oracle.com:3872</a>	Success	13.1.1.1.0	SYSMAN	Nov 29, 2015 8:59:28 PM	Nov 29, 2015 8:59:53 PM
Deployment on Management Agent: <a href="#">details@us.oracle.com:3872</a>	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:50:12 AM	Nov 27, 2015 3:51:24 AM
Deployment on Management Server: <a href="#">details@us.oracle.com:4889_Management_Service</a>	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:34:53 AM	Nov 27, 2015 3:42:38 AM



3. On the Undeploy Plug-in from Server, General form, enter the password for the SYS user of the Enterprise Manager repository.
4. Click the Continue button.

**Undeploy Plug-in From Management Server** [X]

**General**

Name Oracle Jdedwards EnterpriseOne

Version 13.1.1.1.0

\* Repository SYS Password

**Target Types**

Name	Supported Target Versions
Enterprise Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Business Services ...	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Collaborative Portal ...	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Data Access Driver	8.98.1, 9.1.0, 9.2.0
EnterpriseOne HTML Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne PIMSync Server	8.98.1, 9.1.0, 9.2.0
EnterpriseOne Transaction Server	8.98.1, 9.1.0, 9.2.0
Server Manager Managed Home	8.98.1, 9.1.0, 9.2.0

[Continue] [Cancel]

5. On the Undeploy Plug-in from Server, Review form, the system displays a warning that undeployment of the plug-in on the Management Server will require downtime. All currently connected users will get disconnected from the Enterprise Manager. During the downtime period, users will not be able to connect to Enterprise Manager and Enterprise Manager will not monitor any targets.


Oracle recommends that you back up the repository or ensure appropriate recovery plans are in place prior to undeploying the plug-in. Before you proceed, you must click this check box:

Have you backed up the repository?

6. Click the Undeploy button.

### Undeploy Plug-in From Management Server

**Review**

 Undeployment of plug-in from the Management Server requires downtime. All currently connected users will get automatically disconnected from the Enterprise Manager. During downtime, users will not be able to connect to Enterprise Manager, and Enterprise Manager will not be able to monitor any targets.


Oracle recommends that you take a backup of the repository, and export the first Management Server configuration using the command "emctl exportconfig oms". Otherwise, ensure that a recovery plan is in place prior to undeploying the plug-in.

\*  Have you backed up the repository and configuration of first management server?

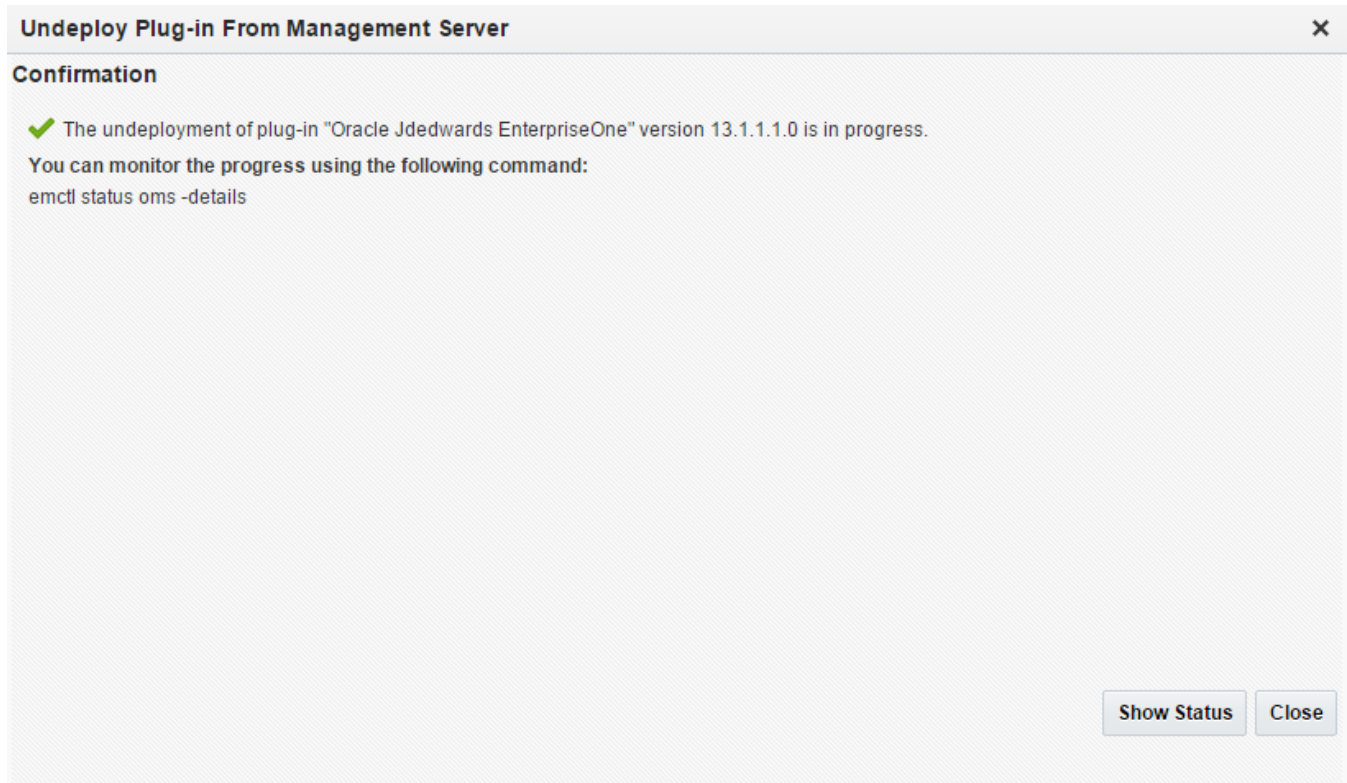
**Name** Oracle Jdedwards EnterpriseOne

**Version** 13.1.1.1.0

**Management Servers**

Name	Currently Deployed Plug-in Version	Status
emctl@oracle.com:4889_Management_Service	13.1.1.1.0	

7. On the Undeploy Plug-in from Server, Confirmation form, verify that the undeployment is in progress and click the Close button.



8. On the Plug-ins form, the Recent Deployment Activities indicates that the undeployment of the Management Service has begun.

However, since OMS is shut down during the undeployment process, after a certain time during deployment, you cannot use the Enterprise Manager user interface to check the status and verify whether undeployment is complete.

**ORACLE** Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

**Plug-ins** Page Refreshed Nov 29, 2015 9:23:24 PM PST

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to deploy or undeploy plug-ins.

Actions View Deploy On Undeploy From Check Updates Deployment Activities

Name	Version		Management Agent with Plug-in	Description
	Latest Av	Downloaded		
Applications				
Oracle Fusion Applications	13.13.1.1.0.0			Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diagnostics in fusion application area.
Oracle Jdedwards EnterpriseOne	13.13.1.1.1.0			Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management for Oracle Jdedwards EnterpriseOne system.
Oracle Siebel	13.13.1.1.0.0			Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.
Cloud				
Databases				
Engineered Systems				
Middleware				
Servers, Storage and Network				
Oracle Audit Vault	12.12.1.0.4.0			Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.
Oracle Audit Vault and Database Firewall	13.13.1.1.0.0			Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.
Oracle Beacon	13.13.1.0.0.0		13.1.0.0.0	Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
Oracle Consolidation Planning and Chargeback	13.13.1.1.0.0			N/A Enterprise Manager for Oracle Consolidation Planning and Chargeback provides metering, chargeback and consolidation planning for various Enterprise Manager targets.
Oracle ORAchk Healthchecks	13.13.1.1.0.0			N/A Enterprise Manager for Oracle ORAchk Health Checks provides proactive health check alerts for Engineered and Non-Engineered Systems.

**Oracle Jdedwards EnterpriseOne**

General Recent Deployment Activities

Action	Status	Version	User	Start Time	End Time
Undeployment on Management Server: <a href="#">dem@jgry.us.oracle.com:4889_Management_Service</a>	Success	13.1.1.1.0	SYSMAN	Nov 29, 2015 9:10:19 PM	Nov 29, 2015 9:15:49 PM
Undeployment on Management Agent: <a href="#">dem@jgry.us.oracle.com:3872</a>	Success	13.1.1.1.0	SYSMAN	Nov 29, 2015 8:59:28 PM	Nov 29, 2015 8:59:53 PM
Deployment on Management Agent: <a href="#">dem@jgry.us.oracle.com:3872</a>	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:50:12 AM	Nov 27, 2015 3:51:24 AM
Deployment on Management Server: <a href="#">dem@jgry.us.oracle.com:4889_Management_Service</a>	Success	13.1.1.1.0	SYSMAN	Nov 27, 2015 3:34:53 AM	Nov 27, 2015 3:42:38 AM

To determine simple status and whether OMS is up or down, use this line command:

```
./emctl status oms
```

To view the deployment details, you can append the `-details` flag using this line command:

```
./emctl status oms -details
```

**Note:** Any time you issue the check status command with the `-details` flag you will be prompted to provide the SYS user password for the Enterprise Manager database as shown in the sample below.

```
[oracle@denovm40db1 bin]$ ./emctl status oms -details
Oracle Enterprise Manager Cloud Control 13c Release 1
Copyright (c) 1996, 2015 Oracle Corporation. All rights reserved.
Enter Enterprise Manager Root (SYSMAN) Password :
```

The system displays a message that the OMS is being started. It indicates that undeployment is complete and that the Enterprise Manager console will be available shortly, depending on how long the actual startup takes to complete.

## Deinstalling the Oracle database and Cloud Control

To know more about deinstalling Oracle database, see [https://docs.oracle.com/database/121/LADBI/remove\\_oracle\\_sw.htm](https://docs.oracle.com/database/121/LADBI/remove_oracle_sw.htm)

To know more about deinstalling Oracle Enterprise Manager, see [http://docs.oracle.com/cd/E63000\\_01/EMADV/deinstall\\_em.htm](http://docs.oracle.com/cd/E63000_01/EMADV/deinstall_em.htm)

**Note:** If you only want to remove the JD Edwards EnterpriseOne Domain, refer to the chapter of this guide entitled: *Removing the JD Edwards EnterpriseOne Domain*.