# JD Edwards EnterpriseOne

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

9.2

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# 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 <a href="http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info">http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info</a> Or Visit <a href="http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs">http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs</a> 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
Bold	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
Italics	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
Monospace	Monospace type indicates commands within a paragraph, URLs, code examples, text that appears on a screen, or text that you enter.
> Oracle by Example	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
- Enterprise Manager 13.2 Guide



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 Release 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 <a href="https://docs.oracle.com/database/121/nav/portal\_11.htm">https://docs.oracle.com/database/121/nav/portal\_11.htm</a>

## 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

Enterprise Manager 13.2 documentation

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/embsc/

**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.

ORACLE Enterprise Manager Cloud Control 13c		<u>E</u> nterprise ▼	<u> <u> </u> </u>	<u>Eavo</u>	rites 🔻	⊢ Hist <u>o</u> ry ▼	🥸 Setup 🗸 🔍 🌲	SY	SMAN ¥
Systems									
A sustancia o calledian of calated managenetic catilies which teacher provide one or more business functions. He	Add Target	> 12:1	SOULAMEST O						
A system is a conection of related manageable entities which together provide one of more business functions, me	inders of any syste	eni can nave weil-deimed relationsi	nps amongst tremserv	res, called	associa	uons.	Extensibility	•	
Search							Proxy Settings	▶ ave	d Searches 🔻
Search All   Name  Advanced Search							Security	Þ	
Save							Incidents	•	
							Notifications	•	
View 🔻 🕂 Add 👻 🖉 Edit 💥 Remove					So	ftware Library	Provisioning and Patching	•	
					of	fline Patching	My Oracle Support	•	
Name 🔺 🔻	Privilege Propagation	Туре	Status	N	Lir	nux Patching	Middleware Management	•	Incidents
					Ne	twork Profile	Manage Cloud Control		0 🛛 🔺 🏲
▶ /EMGC_GCDomain/GCDomain		Oracle WebLogic Domain	n/a	A	pplicatio	n Domain C ant Application V	Command Line Interface		
		ordere freezogie zernam		(	5)	(6)	Management Packs	Þ	
		Oracle WebLeele Oluctor		A	pplicatio	n Clustered Application	Oracle		=



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

O		Manager Cloud Co	ontrol 13c		Enterprise 🔻	© <u>T</u> argets ▼	★ <u>F</u> avorites ▼	History	<b>Ö</b> S	etup 🔻	<b>`</b>	SYSMAN V
Sof	Software Library: Administration Page Refreshed Dec 4, 2015 12:21:34 AM EST 🕻											
Softw	are Library > Software Library: Adm	ninistration										
The	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												
Cor	Configure the storage locations that can be used for uploading files for Software Library entities.											
Sto	Storage Type OMS Shared File System 💌											
A	ctions • View • + Add	🖉 Edit 🗙 Migra	ate and Remove			,				Deleted		
	Name	Status	Location	Associated Entities		Credential	Total Space	Available Space	Used Space	Deleted Entities Used Space	Last Refres	hed
	default_loc	Inactive	/u01/Oracle/swlib/	Show		Set Credentia	al 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/	Show		Set Credentia	al 155.83 GB	6.63 GB	0 Bytes	0 Bytes	Dec 3, 2015	7:46:17 PM EST
	swlib2	Active	/u01/Oracle/swlib2/	Show		Set Credentia	al 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:

• Name

Provide a name for the Software Library. For example:

#### swlib2

• Location

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

/u01/Oracle/swlib2/







**4.** 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.

	se Manager Cloud C	ontrol 13c		<u>E</u> nterprise ▼	<u> </u>	Eavorites 🔻	History	Set	up 🔻 🕚	¢, ۱	SYSMAN -	,
Software Library: Administration Page Refreshed Dec 4, 2015 12:21:34 AM EST 🕑												
Software Library > 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												
0												
Configure the storage locations that	t can be used for uploadi	ng mes for Software Library entities.										
Storage Type OMS Shared File S	ystem 💌											
Configure file system locations on	he OMS hosts. Make sure	the locations are accessible by all the OMS instances,	typically mounted or shared I	locations. You can optio	nally configure the com	mon credential to	be used by the	Software Lit	rary for rea	ading/writi	ng from/to a location	n.
Actions 🔻 View 👻 🕂 Add	🛛 🧪 Edit 🗙 Migr	ate and Remove										
Name	Status	Location	Associated Entities		Credential	Total Space	Available Space	Used Space	Deleted Entities Used Space	Last Re	freshed	
default_loc	Inactive	/u01/Oracle/swlib/	Show		Set Credential	155.83 GB	6.63 GB	1.02 GB	0 Bytes	Dec 3, 2	015 7:46:17 PM ES	т
default_loc1	Inactive	/u01/Oracle/swlib1/	Show		Set Credential	155.83 GB	6.63 GB	0 Bytes	0 Bytes	Dec 3, 2	015 7:46:17 PM ES	Г
swlib2	Active	/u01/Oracle/swlib2/	Show		Set Credential	155.83 GB	6.63 GB	24.85 MB	24.85 MB	Dec 3, 2	015 7:46:17 PM ES	Г





# **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.

★ <u>F</u> avorites ▼ (	B History ▼	🔅 <u>S</u> etup 🗸	Q 🏚	s s	SYSMAN 🔻			
		Initial Setup	Console		11:47:57 AM UTC 💙			
Auto Re	etresh Off	Add Target		▶ 11:				
Self Update		Extensibility	,	⊳ IV6	ed Searches	•		
Plug-ins		Proxy Settin	gs	•	Target			
Management (	Connectors	Security		•	N/A	<u> </u>		
Data Exchange	е	Incidents		•	1			
Development I	Kit	Notifications	3	Þ	1			
	CI	Provisioning	g and Patching	->	1			
	CI	My Oracle S	upport	•	1			
	Ar	Middleware	Management	•	1			
	Ar	Managa Ck		_	1			
	D	Manage Cit	oud Control	P	N/A			
	D	Command I	ine Interface.		N/A			
	Or	Manageme	nt Packs	•	1			



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

#### **Oracle JD Edwards EnterpriseOne**

ORACLE	Enterprise Manager Cloud Control	l 13c		Enterprise V	argets 🔻	🛨 Eavorites 🔻 🕒 History 🔻 🏟 Setup 👻 🔍 🔔 SYSMAN 🕶 🚥
Plug-ins This page lists the plug-in	ns available, downloaded, and deployed to t	the Enterprise Manager system	. Use this page to deploy or undeploy pl	ug-ins.		Page Refreshed Dec 3, 2015 4:20:50 AM UTC 🕥
Actions • View •	⇒ Deploy On ▼ ⇒ Undeploy From ▼	🚱 Check Updates 📄	Deployment Activities			
News			Version		Managem Agent	Description
Name		Latest Available	Latest Downloaded	On Management Server	with Plug-in	Description
Applications	s 🚺					A
🚳 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 Fus
🖓 Oracle -	Jdedwards EnterpriseOne	13.1.1.10	13.1.1.10	13.1.1.10	1	Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management
🖓 Oracle	Siebel	13.1.1.0.0	13.1.1.0.0 🍽		0	Enterprise Manager for Oracle Siebel consists of monitoring and management functionalitie
🕨 📺 Cloud 🕕						
🕨 📷 Databases (	D					
Engineered	Systems (1)					
Middleware	0					
Servers, Sto	orage and Network 🕕					
🚳 Oracle Audi	t Vault	12.1.0.4.0	12.1.0.4.0 =		0	Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle.
4						•

Select a plug-in to view its details

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.





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

Plug-ins Prerequisite C	Checks Repository Re	eview Confirmation				
eploy Plug-ins on Mana	gement Servers: Plug-ins			Back	ttep 1 of 5 Next Canc	
Add XRemove		Version			Hard and Course for	
Name	Latest Available	Currently Deployed	To Deploy	Downtime Required	Prerequisite	
🙀 Oracle Jdedwards EnterpriseOne	13.1.1.1.0	None	13.1.1.1.0 🔻	×		



#### 5. Click the Next button.

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

DRACLE Enterprise Manager Cloud Control 13c				SYSMAN V
Plug-ins Prerequisite Checks Repository Review	Confirmation			
Deploy Plug-ins on Management Servers: Prerequisite Checks			Retry	Back Step 2 of 5 Next Can
🚺 Prerequisite checks are currently running in a background process. Clicking Cancel or closing b	owser window will not stop the prerequisite process.			
A Prerequisite Status				
Z Prerequisite Checks - In Progress			1	Auto Refresh 5 Seconds
Name	Version	Status (%)	Start Time	End Time
Oracle Jdedwards EnterpriseOne	13.1.1.1.0	12	Dec 1, 2015 12:03:38 AM	
			1	
		L	1	
✓ Deployment Steps: Oracle Jdedwards EnterpriseOne			J	
Deployment Steps: Oracle Jdedwards EnterpriseOne	Managem	ent Servers		
⊿ Deployment Steps: Oracle Jdedwards EnterpriseOne	Managem acle.com	ent Servers 14889_Management_Service	J	



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



#### Chapter 5 Deploying the JDE App Pack into the Management Server

-											
0	0		0								
Plug-ins Prerequisite Checks	Repository	Review	Confirmation								
Deploy Plug-ins on Management S	ervers: Prerequ	uisite Checks							Retry 🔻	Back Step 2 of	5 Next
▲ Prerequisite Status											
Prerequisite Checks - Successfully Completed										Auto Refres	sh 5 Seco
Name				v	/ersion	Status (%)		Start Time		End Time	
Dracle Jdedwards EnterpriseOne				1	13.1.1.1.0		100	Dec 1, 2015 12:03:	:38 AM	Dec 1, 2015 12:05	:57 AM
( Deployment Steps: Oracle Jdedwards E	interpriseOne										
i Deployment Steps: Oracle Jdedwards E aromistic Name	interpriseOne				Management	: Servers					
Deployment Steps: Oracle Jdedwards E rrequisite Name	interpriseOne			denptvm00	Management 8.us.oracle.com:48	: Servers 89_Management_Service	2				
Deployment Steps: Oracle Jdedwards E requisite Name	EnterpriseOne			denptvm08	Management 8.us.oracle.com:48	: Servers 89_Management_Service File	•				
I Deployment Steps: Oracle Jdedwards E requisite Name alize	InterpriseOne			denptvm08	Management 8.us.oracle.com:48 Cog Cog Cog Cog Cog Cog Cog Cog Cog Cog	: Servers 89_Management_Service File File	3				
I Deployment Steps: Oracle Jdedwards E requisite Name alize ali software idate plug-in home	interpriseOne			denptvm04	Management 8.us.oracle.com:48 ✓ Log ✓ Log ✓ Log	: Servers 89_Management_Service File File	2				
I Deployment Steps: Oracle Jdedwards E requisite Name alize ali software did plug-in home form custom preconfiguration	interpriseOne			denptvm0(	Management 8.us.oracle.com:48 Cog Cog Cog Cog Cog Cog Cog Cog Cog Cog	: Servers 89_Management_Service File File File	2				
I Deployment Steps: Oracle Jdedwards E erequisite Name laitze tall software lidate plug-in home form custom preconfiguration eck mandalory patches	interpriseOne			denptvm04	Management 8.us.oracle.com/48 	: Servers 89_Management_Service File File File File File	2				


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

	nterprise Manager	Cloud Control 13c		SYSMAN V	
Plug-ins F	Prerequisile Checks	Repository	Confirmation		
Deploy Plug-ins o	on Managemer	t Servers: Repository		Back Step 3 of 5 Next C	Cancel
▲ Warning Repository database is ru Oracle recommends that you * ♥ Have you backed up th ■ SYS Credential Specify repository SYS crede Credential	inning in NOARCHIVE take a backup of the re he repository and confi ntials Named O N	LOG mode. It is strongly recommen pository, and export the first manag guration of first management server	ded that ARCHIVELOG mode be enabled before trying plug-in deployment. Refer to Oracle Database documentation. ement server configuration using the command "emoti exportconfig oms". Otherwise, ensure that appropriate recovery plan is in place prior to deploying the plug-in. ?		
Credential Name	NC_ORACLE_D_2	015-11-06-051739 🔻			
	Attribute	Value			
	Username	SyS			
Credential Details	Password	*****			
	Role	sysdba			
	More Details				

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



	e Manager Cloud Control 13c						SYSMAN	• •
Plug-ins Prerequis	te Checks Repository	Review Confirmation	חנ					
Deploy Plug-ins on Ma	nagement Servers: Review	1				Back Step 4	of 5 Deploy	Cance
A Warning								
Management Servers								
Name								Status
denote an oracle.com:4889_Mar	agement_Service							1
Plug-ins								
News			Version				Dennether a D	
Name	Latest Available	C	urrently Deployed	То	Deploy		Downtime R	equirea
Cracle Jdedwards EnterpriseOne	13.1.1.1.0	N	one	13.1	1.1.1.0		~	

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.

★ Eavorites ▼ ⓑ History ▼	🔅 <u>S</u> etup 🗸 🔍 🔔	SYSMAN V
	Initial Setup Console	
Auto Refresh Off	Add Target	11:47:57 AM UTC
Self Update	Extensibility	▶ ved Searches ▼
Plug-ins	Proxy Settings	Target
Management Connectors	Security	N/A
Data Exchange	Incidents	•
Development Kit	Notifications	
(	Provisioning and Patching	→ <b>↑</b>
(	My Oracle Support	• 1
/	Middleware Management	<b>,                                    </b>
/	Managa Claud Capital	<b>↑</b>
[	(	N/A
[	Command Line Interface	N/A
(	r Management Packs	• •



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





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

Deploy Plug-in on Management A	jent	×
Name Or	cle Jdedwards EnterpriseOne	
Version	3.1.1.1.0	
Target Types	_	
Name	Supported Target Versions	
Enterprise Server	8.98.1, 9.1.0, 9.2.0	
EnterpriseOne Business Services Serve	8.98.1, 9.1.0, 9.2.0	
EnterpriseOne Collaborative Portal Serve	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	ancel



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

eleo	t Management Agents Name Oracle Jdedwards EnterpriseOr Version 13.1.1.1.0	10				
ana	igement Agents					
	Management Agent	Agent Version	Operating System	Deployed Version	Sta	tus
	descent of acle.com:3872	13.1.0.0.0	Microsoft Windo		1	

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.

Deploy Plug-in on Manager	ment Agent					×
Prerequisite Checks						
Name Oracle	Jdedwards EnterpriseOne					
Version 13.1.1.	1.0					
Management Agent	Operating System	Status	Error Message			
acle.com:3872	Microsoft Windows x64 (6	<ul> <li>Image: A set of the set of the</li></ul>				
* - Dependent Agents				Back	Next	Cancel

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	e checks.			
Management Agent	Operating System	Deployed Plug-in Version	Status	Restart Required
oracle.com:3872	Microsoft Windows x64 (		+	No

**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.

eploy Plug-in on Management Agent		×
onfirmation		
Started deploying plug-in "Oracle Jdedwards EnterpriseOne" version 13.1.1.1.0 on the selected Management Agents.		
You can monitor the status of the deployment operation in the Deployment Activities page.		
You can also monitor the progress using the following command: emcli get_plugin_deployment_status		
	Show Status	Close

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.



#### Chapter 6 Deploying the JDE AppPack into the Management Agent

	nager Cloud	Control 13c					<u>E</u> nterprise ▼	0 <u>T</u> arg	gets 🔻	★ <u>E</u> avorites ▼	B History ▼	Setup •	0	<b>.</b>	SYSMAN 🔻	
Plug-ins Plug-ins > Deployment Activities Deployment Activities												Page	Refreshed D	ec 1, 2015 1	1:33:00 AM M	IST 🕹
Recent Activities	View 🔻												-			
All Activities	Name		Version	Status	Content Type	Destination			Job Nam	ne		Start Time		End Tir	ne	
Successful Activities	Oracle Enterp	Jdedwards riseOne	13.1.1.1.0	C	Discovery	decision and acle.com:387	2		PLUGIN_ 01:32:12	DEPLOY_AGENT	_2015-12-01	Dec 1, 2015 1:3	2:12 AM			
Discovery Activities	Oracle Enterp	Jdedwards riseOne	13.1.1.1.0	Ŀ	Plug-in	den acle.com:387	2		PLUGIN_ 01:32:12	DEPLOY_AGENT 19	_2015-12-01	Dec 1, 2015 1:3	2:12 AM			
Deployment Activities     Undeployment Activities	Deploymen Step	t Steps: Oracle Jde	odwards Enterpris	seOne				Status	Start Tin	ne	End Time	Log	File			•
	Submit job	for deployment						~	Dec 1, 20	15 1:32:12 AM	Dec 1, 2015 1:32	:17 AM				
	Initialize							Ŀ	Dec 1, 20	15 1:32:20 AM		emo	ms.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

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
- o 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*.



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

leicome to Enterprise Ma	nager Cloud Contr	rol 13c									
Enterprise Manager Overview	Welcome to E	nterprise Man	ager Cloud Cor	ntrol				Total	Cloud Co	ntrol	
Latest Features	Oracle Enterprise Ma integrated and busine leveraging the built-in unprecedented efficie	nager is Oracle's inte ess-driven enterprise ( n management capabi ency gains while dram	grated enterprise IT ma cloud management solu lities of the Oracle stack ratically increasing servic	nagement product lini tion. Oracle Enterpris : for traditional and clo ce levels. Learn more	e, which provides e Manager create oud environments 과	the industry's onl es business value , allowing custom	y complete, from IT by ers to achieve	Co Co Int	omplete Cloud egrated Appl isiness-Drive	d Lifecycle I ication-to-D n Applicatio	Management isk Manageme n Managemen
Learn More											
ick an image below for a larger	preview, then select a	radio button to choo	ose your personal Hon				Co     Ve     Ad     Co	onfigure Manage rify My Oracle S Id An Additional onfigure E-mail N	ement Agent Pro Support Connec OMS Notifications	oxies tivity	
Welcome Page		Siteman	Summary	Databases			► Do	wnload Manage	ement Agent So	ftware	
Welcome Page     Best for: New Users	All Targets Best for: Enterprise 'anager Administrators	Sitemap Best for: All Users	Summary Best for: Enterprise Manager Administrators	Databases Best for: Database Administrators	lacksquare			wnload Manage wnload and De	ement Agent So ploy Manageme	ftware int Plug-ins	
Welcome Page Best for New Users	All Targets Best for: Enterprise lanager Administrators	© Sitemap Best for: All Users	© Summary Best for: Enterprise Manager Administrators	Databases Best for: Database Administrators			<ul> <li>Dc</li> <li>Dc</li> <li>Dis</li> <li>Cr</li> <li>Cr</li> </ul>	wwnload Manage wwnload and Dej scover Targets eate Administra eate Accounts a	ement Agent So ploy Manageme tion Groups ind Assign Role	ftware Int Plug-ins	



## 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.

<u>■</u> <u>Targets</u> ▼	★ <u>F</u> avorites ▼	Hist	t <u>o</u> ry ▼		tup 🔻
All Targets	Ctrl+Shift+	т			
Groups		fresh	Off	•	Page
Systems					
Services					
Hosts					
Databases					
Middleware					
Business Applic	ations				
Composite Appl	lications				



### 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.

ORACLE' Enterprise Manager Cloud Control 13c											
System	s										
A system is a	a collection of related manageable en	ities which together prov	ide one or more business functions. Members of an								
⊿ Sear	ch										
Search	All	V Name	Advanced Search								
S	All Application Deployment Clustered Application Deployment JDE EnterpriseOne Domain										
View <b>v</b>	OMS and Repository Oracle Cloud Oracle WebLogic Cluster	e									
Name	Oracle WebLogic Domain		► ► Privilege Propagation								



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

	Enterprise Manager	Cloud Control 13c			En	terprise 🔻 🔘 Iargets 🖲	Eavorites •		y <b>v</b>	<b>Ø</b> :	etup '	•	O,	<u>ب</u>	SYS	MAN 🖣	
Systems							Au	to Refresh	Off	•	Pa	ige Refr	eshed D	ec 1, 20	15 8:10:5	1 AM U	TC D
A system is a c	ollection of related manageable entiti	es which together provide one or more business functior	s. Members of a	ny system can have v	vell-defined	I relationships amongst then	nselves, called associati	ons.									
▲ Search															Saved	Search	es 🔻
Search J	CE EnterpriseOne Domain	Name Q. Advanced S	earch														
Fau																	
Sav	d																
View -	Add - Fdit X Remov	e															
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#### **3.** On the Add JDE EnterpriseOne Domain form, complete these fields:

• 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.

• Server Manager Host

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

• Server Manager HTTP Port

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

• Server Manager JMX Port

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

• Server Manager Admin User

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

• Server Manager Admin Password

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



ORACLE' Enterprise Manager Cloud Control 13c
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Add JDE EnterpriseOne Domain Enter required parameters needed to discover a a part of this process.	all targets within a JDE EnterpriseOne Domain	Cancel OK managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as
* EnterpriseOne Domain Target Name	dev_env	
	Name of target to be created. (Server Manager host w	ill be appended if not already in the string provided.)
* Enterprise Manager Agent Host Machine	denlx01	]4
* Server Manager Host	dended to add addedwards.com	
	Server Manager Host for this target.	1
* Server Manager HTTP Port	8999	
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* Server Manager Admin User	jde_admin	considering the defendence of the second
* Server Manager Admin Password		langeo nom me deraux jue_aumn user.)
	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:



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## 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.



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

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

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**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.



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**3.** 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:

ORACLE* Enterprise Manager Cloud Control 13c			7	<u>E</u> nterprise ▼	<u> </u>	★ Eavorites ▼		•	<b>Ø</b>	<u>S</u> etup ▼	С		<b>h</b>	SYSM	MAN 🔻	
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/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	×	Application Deployment	1					-	-					-	-	
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EONE_91_OLD_TARGET_26112015_d oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Business Serv Server (7)	Enterprise ices , Managed I (3)	One EnterpriseOn Home , Transaction Server (1)	e , More	6	6		-	-	6	-	-	•
EONE_92_AIX_WAS_contracted on oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server	Enterprise( 8) Managed H	One Enterpris Iome (5) 'Enterpris	eOne e Server (2)	1	14			•	1		-	•
JMX_ENABLED_26_11_2016oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server	Enterprise( 6) Managed H	One Enterpris Iome (5) ' Enterpris	eOne e Server (3)	-	14		-	•		-	-	-
JMX_SECURITY_ENABLED_1_26112015 oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne (6)	HTML Server	EnterpriseOne Mana (2)	ged Home	4	4		-	•	4	-	-	-
JMX_Security_Enabled_2_scolar anale.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Managed Hon	Enterpris ne (17) ' HTML Se	eOne Enterpris rver (10) · Enterpris	seOne se Server (8)	9	24	- 2	-	•	9	-	-	-
Management Services and Repository	~	OMS and Repository	1	Application Deployment (4	Host (1)	Dracle Management Service (1)	, More	-	9		-	•		-	-	-



4. 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).

ORACLE Enterprise Manager Cloud Control 13c											🔆 Setup 🔻	0	<b>.</b>	SYSMAN 🔻				
JMX_ENABLED_26_11_2016_ racle.com © Custom Menu ▼ ✓ General															Ð			
General				\$	▲ Status						Entitlem	ent Summa	iry		- Î			
Owner     SYSMAN     14 Members       Privilege Propagation     Disabled     Image: Most Affected Members (Last 24 Hours)													s my Home		┦║			
✓ Overview of Incidents and Problems												abi Enterprise Manager Password & Email						
					dnvmtqa64_JAS_86		0		1		Preferences							
Incidents		_			dnvmtqa64_JAS_BUG_92_demociate accle.com		۲		1		About E							
Updated in	alast 7 days	0			dreets and a cracle.com [Z:\jde_agent_home\SCFHA]		0		1		Log Out							
Breakdown of incidents updated in	the last 7 days	s	•	•	dnvmtqa64_JAS_88_download4 w oracle.com		0		1		100			_	r' 📗			
Category	9			F	description oracle.com [Z:\jde_agent\SCFHA]		0		1		100							
Availability	-	-		-	designed oracle.com [Z:\jde_agent_home\SCFHA]		0		1		100							
Performance	-	-	-	-	den00wvf_ent_bug_6017_den00wvf_ent_com		0		1		100							
Security	-	-		-	dreetsaff a pracle.com IZ:\ide_agent_home\SCFHA1		0		+		100				-			
Others	-	-	-															
Problems	Total Open	0			Compliance Summary Compliance Standards Members									<b>\$</b>				



## 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.

	Manager	Cloud Co	ontrol 13	С
JMX_ENABLED_26_11_2	016_		0.0	racle.co
🧿 Custom Menu 🔻				
Home				
Open the home page in a new wind	low.			ιQ:
Monitoring	Þ			
Control	•			
Job Activity	s			\$
Information Publisher Reports				
Members	1	Show A	II	
Refresh Discovery		Topolog	IV .	
Server Manager		Dashbo	ard	-
Configuration	►	Operatio	ons	-
Compliance	Þ	History		-
Target Setup	•	-	-	-
Target Sitemap				
Target Information		0		

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



ORACLE Enterprise Manager Cloud Control 13c	<b></b> <u>E</u> nterprise ▼	<u>■ Iargets</u> ▼ ★ Eavorites ▼ ▲ History ▼	SYSMAN V
JMX_ENABLED_26_11_2016_			
O Custom Menu ▼			
Members			
View @ All Members Direct Members Indirect Members			Page Refreshed Dec 1, 2015 8:45:26 AM GMT+00:00 💍
Search All Co			Export
Name 📥	Туре	Status	Incidents
den00wwf_ent_bug_6017_dentified_ent_oracle.com	EnterpriseOne Enterprise Server	<b>†</b>	0 0 0
acle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	1	0 0 0
acle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	<b>†</b>	0 0 0
descle.com_[Z:\jde_smc_home\SCFMC]	EnterpriseOne Managed Home	1	0 0 0
dnvmtqa64_JAS_82acle.com	EnterpriseOne HTML Server	1	0 0 0
dnvmtqa64_JAS_84aracle.com	EnterpriseOne HTML Server	<b>†</b>	0 0 0
dnvmtqa64_JAS_86racle.com	EnterpriseOne HTML Server	1	0 0 0
dnvmtqa64_JAS_88_d acle.com	EnterpriseOne HTML Server	<b>†</b>	0 0 0
dnvmtqa64_JA5_BUG_92_data_acle.com	EnterpriseOne HTML Server	1	0 0 0
dnvmtqa64_JAS_BUG_94_dramate.com	EnterpriseOne HTML Server	1	0 0 0
desets and e.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	<b>†</b>	0 0 0
desetself acracle.com_[Z:\ide_agent_home\SCFHA]	EnterpriseOne Managed Home	1	0 0 0
dnvmtqa69_ent_6016oracle.com	EnterpriseOne Enterprise Server	<b>†</b>	0 0 0
dnvmtqa69_ent_6116oracle.com	EnterpriseOne Enterprise Server	<b>†</b>	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.

ORACLE <sup>®</sup> Enterprise M	anage	r Cloud Co	ontrol 13	с
JMX_ENABLED_26_11_201	6_			racle.co
🧿 Custom Menu 👻				
Home				
Open the home page in a new window	v.			3 <u>4</u> 8
Monitoring				
Control	•			
Job Activity	s	5		\$
Information Publisher Reports				
Members	•	0		
Refresh Discovery	2	iys		
Server Manager		•		-
Configuration	•	-	-	-
Compliance	•	-	-	-
Target Setup	Þ	-	-	-
Target Sitemap				
Target Information		0		



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

ORACLE <sup>®</sup> Enterprise Mar	ager	Cloud Co	ontrol 13	С
⊙ Custom Menu 🔻				
Home				alla
Open the home page in a new window.				-Q:
Monitoring	•			
Control				
Job Activity	s			\$
Information Publisher Reports				
Members	•	Show A	II	
Refresh Discovery		Topology		_
Server Manager		Dashboard		
Configuration	•	Operations History		-
Compliance	•			-
Target Setup		-	-	-
Target Sitemap				
Target Information		0		


			0
🗩 Custom Menu 🔻			
Home & Open the home page in a new windo	w.	\$	<b>⊿</b> Sta
Monitoring Control	► ►		<b>⊿</b> ()
Job Activity	s	\$	Name
Information Publisher Reports			dnvmto
Members	▶ 0		dnvmto
Refresh Discovery	ays		dnymto
Server Manager	8	▲ ►	den00v
Configuration	Last Coll	ected	nto
Compliance	Compari	son & Drift Managen	nto
Target Setup	Compare		nto
Target Sitemap	Search		no
Target Information	History		np
	Save		K
Jobs Activity	Saved		C
Summary of jobs whose start date is wit	hin the I Topology	/	d

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



ORACLE' Enterprise Manager Cloud Control 13c	Enterprise <b>v</b>	<u> </u>	★ <u>E</u> avorites ▼	B History ▼	∰ <u>S</u> etup ▼	0	۰	SYSMAN V	



## 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.

)Custom Menu 🔻			
Home			
Open the home page in a new window.			1
Monitoring	•		
Control			
Job Activity	s	5	1
Information Publisher Reports			
Members	*	Show All	
Refresh Discovery		Topology	_
Server Manager		Dashboard	P
Configuration	•	Operations	-
Compliance	•	History	-
Target Setup	•		-
Target Sitemap			
Target Information		0	

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



JD Edwards EnterpriseOne

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	•••	<b>★</b> ▼ ⊡•	<b>₽</b> -	0				»
JMX_ENABLED_26_11_2016oracle.com ④								
JDE EnterpriseOne Domain: JMX_ENABLED_26_11_2016oracle.com	Page Ri	efreshed December 1, 201	5 9:11:10	AM UT	° C	Stop	Auto R	efresh Istomize
Member Targets (14)								
Name	Target Type	Status	-	Incid	ents		Comp Violat	liance tions
	Turget Type	Status	٢	8	▲		84	4
dnvmtqa69_ent_6116 oracle.com	EnterpriseOne Enterprise Serve	er 1🛧	-	-	-	-		
dnvmtqa69_ent_6016_d oracle.com	EnterpriseOne Enterprise Serve	er 1 🕇	-	-	-	-		
dnordpath as pracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	1	-	-	-	-		
oracle.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	1 🛖	-	-	-	-		
dnvmtqa64_JAS_BUG_94acle.com	EnterpriseOne HTML Server	1 🛖	-	-	-	-		-
dnvmtqa64_JAS_BUG_92_	EnterpriseOne HTML Server	1	-	-	-	-		-
dnvmtga64_JAS_88_dmassel_a_gracle.com	EnterpriseOne HTML Server	1♠	-	-	-	-		
		act Tarret Name	Last	Comm	ent			
Level	Updat	e rarget Name	Last	Comm	ent			
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.



Custom Menu 🔻				
Home				
Open the home page in a new window.				\$
Monitoring	•			
Control	•			
Job Activity	s			\$
Information Publisher Reports				
Members	•	0		
Refresh Discovery	a	ys		
Server Manager	1	8	Δ	
Configuration	•	-	-	-
Compliance	•	-	-	-
Target Setup	►	Monitor	ing Config	guration
Target Sitemap		Adminis	strator Acc	cess
Target Information		Remove	e Target	
		Add to (	Group	
Jobs Activity	-	Properti	ies	

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		•	*	<b>•</b>	<b>₽</b> -	<b>\</b>	SYSM	AN 🔻	
JMX_ENABLED_26_11_2016_	ntigetti un ora	acle.co	m 🔁							
⑥ Custom Menu ▼					Pa	ge Refreshe	d Dec 1, 2015 9:	16:26 AM GMT	+00:00	J
Monitoring Configuration								ок	Car	ncel
* Enterprise Manager Agent Host	demonstration of an of	acle.com								
* Server Manager Admin Password	•••••									
* Server Manager Admin User	•••••									
* Server Manager Hostname	denotical denotación	e.com								
* Server Manager Http Port	8999									
* Server Manager JMX Port	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 <code>jde.ini</code> and <code>jas.ini</code>. 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.

ORACL	Enterprise Mana	ger	Cloud Control 13c
<b>↑</b> 920_RS_\	CJAS_POS_84_	-	oracle.com 🕄
EnterpriseOne	HTML Server 🔻		
Home			
Open the home	ne page in a new window.		
Monitoring		Þ	
Diagnostics		Þ	
Control		Þ	
Job Activity			
Information P	ublisher Reports		
Configuration		•	Last Collected
Compliance		•	Comparison & Drift Management
Target Setup		•	Compare
Target Sitema	ıp		Search
Target Informa	ation		History
Host Incidents			Save
Severity	Message		Saved
	Filesystem /u01 has 6.27% ava Space Utilization for /u01 is 93	aila .79	Topology

Cloud Control displays the latest configuration for the selected Target.

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

ORACLE <sup>®</sup> Enterprise Manager Cloud Control 13				<u>∎</u> nterprise ▼	<u> </u>	★ Eavorites ▼	⊕ Hist <u>o</u> ry ▼	Setup 🔻	् 🌲	SYSMAN V
<b>†</b>										anna le.com
⑥ EnterpriseOne HTML Server ▼								Page	Refreshed 03-Nov-2	015 02:41:19 EST 👈
Latest Configuration 🕆 Refresh 🏦 Configuration Reg	ort									
Latest Configuration Refresh T. Configuration Ref © IDE EnterpriseOne Configuration	ort DE Enterprise Search Rese Configuration File Search Rese Configuration File Last collected at View ▼ 2 Configuration jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini jas.ini	RAME Configuration	Actions Actions	Configuration Entry Value 2000 HIGH true 10 true none 22768 true						
	jas.ini	GRIDDISKCAC	CacheFindBro	true						
	jas.ini	INTEROP	Repository	c.sconnectonrepository						
										Rows: 158

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

ORACLE Enterprise Manager Cloud Control	130					Enterprise V	© <u>⊺</u> ar	rgets	rites 🔻	Setup •	Q (		SYSMAN	• •••
1 920_RS_VCJAS_POS_84_	cle	.com 🚯												oracle.com
InterpriseOne HTML Server ▼										Page	Refreshed 03-	Nov-2015	5 02:41:19 F	EST 🖒
Latest Configuration 🗞 Refresh 🚠 Configuration	Rep	ort												
	J	DE Enterprise	One C	onfigura	tion 🔅 Actions	•								
		Search												
		Configuration File	Name	•	jas.ini									
		Search Rese	+ /	Add										
		Configuration Prop	erties											
		Last collected at View ▼	03-Nov Export	-2015 00:59	9:47 ch									
		Configuration File Name	Sectio	on Name	Configuration Entry Name	Configuration Entry Value								
	•	jas.ini	CACH	E	CacheCheck	300000								A
		jas.ini	CACH	E	GlossaryText	7200000								
		jas.ini	CACH	E	Menu	3600000								
		jas.ini	CACH	E	SpecExpire	0								
		jas.m	EDDIN	TERACT	AccessibilityManu	1200000								
		jas.m	ERPIN	ITERACT	DBEetchl imitB	2000								
		jas.ini	ERPIN	ITERACT	InteractivityLevel	HIGH								
		jas.ini	ERPIN	ITERACT	LogoutOnBrow	true								
		jas.ini	ERPIN	ITERACT	MaxOpenBrows	10								
		jas.ini	ERPIN	ITERACT	MultipleBrowse	true								
		1 1-1		-	1-18-10145-								Rows	s: 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.



ORACLE Enterprise Manager Cloud Contr	ol 13	c			Enterprise ▼	<u> </u>	★ Eavorites ▼	History -	Setup 🔻	Q 1	s	YSMAN 🔻 🛛	
1 920_RS_VCJAS_POS_84_	acle	e.com 🚯										and the second second	-
(									Page	Refreshed 03-1	Nov-2015 0	02:41:19 EST 숙	2
Latest Configuration 🗞 Refresh	on Rep	oort											
O     O	J	IDE Enterprise	One Configura	tion 🌣 Actions	•								
		Section Name	•	JDBj-SPEC DAT	A SOURCE								
		Search Reset	+ Add										
		Configuration Prop	erties										
		Last collected at View ▼£	03-Nov-2015 00:5 Export Deta	9:47 ch									
		Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value								
	•	jdbj.ini	JDBJ-SPEC DATA SOURCE	database								Â	
		jdbj.ini	JDBJ-SPEC DATA SOURCE	databaseType	0								
		jdbj.ini	JDBJ-SPEC DATA SOURCE	lob	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									
												Rows: 11	1



## 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



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🛃 Enterprise 🔻 🎯 Targets 🔻 🌪 Eavorites 🔻 🕒 History 👻 🍄 Setup 🔍 🌲 SYSMAN 💌 🚥

JMX_ENABLED_26_11_2016			
⑥ Custom Menu ▼			
Members			
View      All Members     Direct Members     Indirect Members		P	age Refreshed Dec 1, 2015 8:45:26 AM GMT+00:00 🖒
Search All T			Export
Name 🔺	Туре	Status	Incidents
den00wvf_ent_bug_6017oracle.com	EnterpriseOne Enterprise Server	1	0 0 0
acle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	1	0 0 0
racle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	<b>†</b>	0 0 0
description ade.com_[Z:\jde_smc_home\SCFMC]	EnterpriseOne Managed Home	1	0 0 0
dnvmtqa64_JA5_82acle.com	EnterpriseOne HTML Server	<b>†</b>	0 0 0
dnvmtqa64_JA5_84racle.com	EnterpriseOne HTML Server	1	0 0 0
dnvmtqa64_JA5_86racle.com	EnterpriseOne HTML Server	<b>†</b>	0 0 0
dnvmtqa64_JA5_88_d acle.com	EnterpriseOne HTML Server	1	0 0 0
dnvmtqa64_JA5_BUG_92_dnamade.com	EnterpriseOne HTML Server	<b>†</b>	0 0 0
dnvmtqa64_JA5_BUG_94_dnamatearacle.com	EnterpriseOne HTML Server	1	0 0 0
desetsetil as ande.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	<b>†</b>	0 0 0
desetsetTuesoracle.com_[Z:\jde_agent_home\SCFHA]	EnterpriseOne Managed Home	1	0 0 0
dnvmtga69_ent_6016oracle.com	EnterpriseOne Enterprise Server	1	0 0 0
dnvmtqa69_ent_6116oracle.com	EnterpriseOne Enterprise Server	1	0 0 0

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

1 920_RS_ENT_NEG_6116racle.com	a contracte.com
InterpriseOne Enterprise Server ▼	
Home Performance	Page Refreshed Dec 2, 2015 5:28:05 AM UTC 🖒
Instance Level Memory	Instance Level CPU
1,800 1,600 1,400 1,200 1,000 800 600 400 25 26 27 28 29 30 November 2015 Memory (MB)	0.05 0.04 0.03 0.02 0.01 0.00 25 26 27 28 29 30 0.00 25 26 CPU %

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# 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.

	ger Cloud Control 13c	
↑ ENT		
Home		
Open the home page in a new window.		
Monitoring	All Metrics	
Diagnostics	Metric and Collection Settings	
Control	Metric Collection Errors	
Job Activity	Status History	
Information Publisher Reports	Incident Manager	
Configuration	Alert History	
Compliance	Blackouts and Brownouts	
Target Setup	•	_
Target Sitemap	Message	
Target Information		

- **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 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



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ORACLE' Enterprise Manager Cloud Conti	rol 13c		<b>⊚</b> ▼ <b>★</b> ▼ <b>└</b> ▼	🔅 - 🔍 🌲 🛛 sys	MAN 🔻			
↑ ENT								
EnterpriseOne Enterprise Server ▼				Page Refreshed	Ð			
920_RS_ENT> All Metrics								
All Metrics					*			
Search	Overview				*			
View View	Open Metric Events		Metric Collection	Errors				
P20_RS_ENT     Average CPU % Used by all Kernels     Enterprise Server Process Manager	<b>O</b> Open Alerts	O Critical O Warning	O Metric Collection Errors					
<ul> <li>Kernel Process</li> <li>Kernel Thread</li> <li>Network Process</li> <li>Response</li> </ul>	✓ Important Metric charts No metric is added to target overview. You	u can add/remove any a	View Data Last 24 Hours dditional metrics by clicking th	Auto Refresh Off      e options menu of metric value hist	ory.			
<ul> <li>Total JDB Table Cache Count</li> <li>Total JDE Cache</li> <li>Total Number of DB Connections</li> </ul>	Deployed Metric Extensions View  Undeploy Upgrade							
Total Number of Incoming Network Connections	Name Display Name	Runs On	Version Description	Is Latest				
<ul> <li>Total Number of Outstanding Requests</li> <li>Total Number of Users</li> <li>Other collected items.</li> </ul>	No data to display.				•			



**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.

ORACLE' Enterprise Manager Cloud Contr	ol 13c	•• •	<b>★</b> • ⊡• ≰	<u>بة</u>	SYSMAN 🔻 🚥
↑ 920_RS_ENT					
InterpriseOne Enterprise Server ▼			1	Page Refreshed	0
920_RS_ENT.> All Metrics					
All Metrics					***
Search	Average CPU % Used by all Kernels				246
View 🗸 🧰 🕅 🛍	Collection Schedule Every 15 Minutes 💉				
▲ 920_RS_ENT	Upload Interval Every Collection				
Average CPU % Used by all Kernels Average CPU %	Metric	Thresholds	Real Time Value		
Enterprise Server Process Manager	Average CPU %	Not Set	0.06		
Kernel Process	Data shown in above table is collected in real time.				
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.					



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.

ORACLE <sup>®</sup> Enterprise Mar	nager	Cloud Control 13c
↑ 915bip_	orac	le.com
O EnterpriseOne HTML Server ▼		
Home		
Open the home page in a new window.		
Monitoring	►	All Metrics
Diagnostics	•	Metric and Collection Settings
Control	•	Metric Collection Errors
Job Activity		Status History
Information Publisher Reports		Incident Manager
Configuration	•	Alert History
Compliance	•	Blackouts and Brownouts
Target Setup	-	
Target Sitemap		Message
Target Information		



- **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
  - o Java Heap Memory Used
  - Response
  - Total Number of System Errors
  - Total Number of Timeout Errors
  - Total number of current users
  - Other collected items



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

	rprise Manager Cloud Cont	trol 13c				Enterp	rise 🔻 🎯	Targets ▼	<b>E</b> avorites	▪ B History ▼	Setup <b>v</b>	Q 🌢	SYSMA	N <b>v</b>
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EnterpriseOne HTML Serve	•										Page R	efreshed		Ð
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All Metrics														25
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Average Execution	ime			0		Critical				U				
Cache Group				Open Alerts		Warning				Metric Collection E	TOPS			
Call Object (BSFN)	tats													
Current number of c	en applications (All Users)	⊿ Impor	tant Metric	charts			View Data Last 24 Hours • Auto Refresh						sh Ofl 🔻	
Database Datasour	e	No metric i	s added to ta	rnet overview V	ou can add/remove	any additional metrics by cl	licking the ont	tions menu o	f motric value hist					
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JDB Service Cache		1		-										
JDBj Cached Prepa	ad Statement		yea metric	Extensions										
JDBj Connection Ma	nager	View 🔻	Undeploy	Upgrade										
JDBj Connection Po	h.	Name		Display Name	Runs On	Version Des	cription					ls L	atest	
JDBj Pooled Conne	tion	No data to	display.											
JDENET Connectio	Manager	Columns	Hidden 2											
JDENET Connectio	Pool Socket													
JDENET Host/Port 0	unnection Pool													
Java Heap Memory	Jsed													
Response														
Total Number of System	əm Errors 🗸													

4. 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.

	trol 13c				<u>E</u> nterprise ▼	<u>     Targets</u> ▼	★ Eavorites ▼		<u>S</u> etup ▼	0, 1	SYSMAN	•	
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									Page R	efreshed		t	
915bip> All Metrics													
All Metrics												**	
Search	Overvi	w										397	
View - T T	<b>A</b> 0	pen Metric Eve	nts										
▲ 915bip			0		0			0					
Average Execution Time			U					Matria Callestian Fr					
▶ Cache Group			Open Alerts		Warning		Metho Collection Errors						
Call Object (BSFN) Stats													
Application Errors	_⊿ In	nportant Metric	charts				View	Data Last 24 Ho	ours 🔻	Auto Refr	resh Ofl •		
Average Time	Nome	tric is added to ta	rnet overview Y	ou can add/remove :	any additional metrics by clicking t	the options menu o	f metric value histori						
First Time	Nome	and is added to ta	ger over view. I	ou can add/remove a	any additional metrics by clicking	the options menu o	in metric value instory	y.					
Longest Time													
Shortest Time	⊔ ⊿ D	eployed Metric	Extensions										
System Errors	Viev	▼ Undeploy	Upgrade										
Timeout Errors	N	ame	Display Name	Runs On	Version Descriptio	n				Is	Latest		
Total Invocations	No da	ata to display.											
Total Time	Colu	mns Hidden 2											
<ul> <li>Current number of open applications (All Users)</li> </ul>													
Database Datasource													
General System Info and Uptime													
▶ JDB Service Cache													
► JDBj Cached Prepared Statement													



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.

ORACLE' Enterprise Manager Cloud Control 13c	<u>E</u> nterprise ▼	<u> </u>	★ <u>E</u> avorites ▼	B History ▼	Setup 🔻	् 🌢	SYSMAN	•
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					Page R	efreshed		U
915bip> All Metrics								
All Metrics			Vie	w Data Last 24 H	iours 🔻	Auto Refr	resh Of T	称
Search Q Application Errors								944
View 🔻 🕴 1 🛱 Average View View View View View View View Vie	e Low Value H	ligh Value L	ast Known Value	Severity Alert	Triggered	Last Co Timesta	llection mp	
▲ 915bip No data to display.								
Average Execution Time								
Cache Group								
Call Object (BSFN) Stats								
Application Errors								
Average Time								
First Time								
Longest Time								
Shortest Time								
System Errors								
Timeout Errors								
Total Invocations							•	
Total Time Select rew to see details								
Current number of open applications (All Users)								
Database Datasource								
General System Info and Uptime								
JDB Service Cache								
▶ JDBj Cached Prepared Statement								



## 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.

ORACLE <sup>®</sup> Enterprise Mar	nage	r Cl	oud Co	ontrol 13	с				
💿 Custom Menu 👻									
Home					ىك				
Open the home page in a new window.					٩Q:				
Monitoring	►								
Control	•								
Job Activity		s			\$				
Information Publisher Reports									
Members	►	0							
Refresh Discovery		ays							
Server Manager			8		•				
Configuration	•		-	-	-				
Compliance	•		-	-	-				
Target Setup	►		-	-	-				
Target Sitemap									
Target Information		0							

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:

Questom Menu +	Dana Dafreehari		*
	Fage Keireaneu		
Monitoring Configuration		ок	Cancel
* Enterprise Manager Agent Host			
* Server Manager Admin Password			
* Server Manager Admin User			
* Server Manager Hostname			
* 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 inte	nded 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:

#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

Ocumentation and Support

Sign Out

ORACLE JD Edwards EnterpriseOne Server Manager

Select Instance 🔻	Managed Homes and Managed Instances									
What do you want to do?	Use the dropdown below to select the desired management view.									
INSTALL	Select View Managed Homes and Managed Instances 🔻									
<u>Management Agents</u> <u>Manage Software</u>	Managed Homes									
Database Drivers	Shown below are each of the known managed homes and the managed instances they contain. If there is a managed home that is not in	running and you wish to not see it listed here you may remove it.								
CONFIGURE  Server Manager Users	Select [[ Anaged Home]: Remove Stop Update									
Server Groups	Managed Home Location	Managed Instances (i)								
User Activity     Server Activity     Table Cache	v appmgrjjde_home_agent/SCFHA	Inter proc PARS FACE Enterproc PARS FACE ENTERFOR FACE ENTERFO								
		ias. 2020 jense func. EnterpriseOne HTML Server								



## Removing the JD Edwards EnterpriseOne Domain

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



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

ORACLE' Enterprise Manager Cloud Control 13c			2	Enterprise V 🔘 Targets V	★ <u>F</u> avorites ▼		•	<u>S</u> etu	ip 🔻	0	<u>ب</u>	SYS	sman 🔻	
Systems					Auto	Refresh O	Ť	•	Page Re	freshed E	lec 2, 2(	J15 6:54	:10 AM U	лс 🕥
A system is a collection of related manageable entities which together provide one or	more business funct	ions. Members of any system can l	have well-def	ined relationships amongst themse	lves, called association	s.								
✓ Search												Saved	d Search	ies 🔻
Search All   Name	Advanced	d Search												
Save														
View 🔻 🕂 Add 💌 💉 Edit 🔀 Remove														
Name	Privilege	Туре	Status	Members		Mem	Member Status Summary			Incidents				
	Propagation	~		EnterpriseOne	- <u>Emerpriseene</u>		+ 1		X	N/A 🔛	•	8		•
oracle.com_QE_VERIFICATION		JDE EnterpriseOne Domain	n/a	HTML Server (5) , Managed Hor (2)	me , Transaction Sen (2)	ver, More	2	8 -	-		2	-	-	- 1
oracle.com_QE_VERIFICATION		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise HTML Server (8) ' Managed B	One Enterprise Home (5) 'Enterprise	One Server (2)	1	- 14	-		1	-	-	-
EONE_91_OLD_TARGET_26112015_demoltant oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise Business Services , Managed Server (7) (3)	One EnterpriseOne Home , Transaction Server (1)	, More	6	6 -			6	-		•
EONE_92_AIX_WAS_01122015_d oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise HTML Server (8) Managed B	One Enterprise Home (5) 'Enterprise	One Server (2)	1	14 -	-		1	-	-	-
EONE_92_AIX_WAS_contracts or acle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise HTML Server (8) Managed F	One Enterprise Home (5) 'Enterprise	One Server (2)	1	4 -	-		1	-	-	•
JMX_ENABLED_26_11_2016_ oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise HTML Server (6) Managed B	One Enterprise Home (5) 'Enterprise	One Server (3)	- 1	4 -	-		-	-	-	•
JMX_SECURITY_ENABLED_1_26112015_s oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne HTML Server (6)	EnterpriseOne Manage (2)	ed Home	4	4 -	-		4	-	-	•
JMX_Security_Enabled_2 oracle.com		JDE EnterpriseOne Domain	n/a	EnterpriseOne Enterprise Managed Home (17) ' HTML Se	seOne Enterprise erver (10) 'Enterprise	One Server (8)	9	- 24	2		9	-	-	•
Management Services and Repository	~	OMS and Repository	1	Application Host Deployment (4) ' (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.

ORACLE Enterprise Manager Cloud Cont	■ • © • ★ • • • <b></b>	🖌 🔍 🌲 🛛 SYSMAN 🕶 🚥
oracle.com_QE_VERIFICA		
(iii) © Custom Menu ▼		
<b>Warning</b> JDE EnterpriseOne Domain target and all associated EnterpriseOne target	ts are about to be deleted.	No Yes
Name	Туре	
920_R5_ENT_NEG_6116oracle.com	EnterpriseOne Enterprise Server	
920_R5_ENT_PO5_6016acle.com	EnterpriseOne Enterprise Server	
demont in oracle.com_[/slot/ems13380/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	
.oracle.com_[/slot/ems16168/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	
demonScience (/slot/ems8087/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home	
oracle.com_[Z:\smchome_aix\SCFMC]	EnterpriseOne Managed Home	
deventga To as oracle.com_[Z:\jde_agent\SCFHA]	EnterpriseOne Managed Home	
920_R5_JA5_NEG_92_demonSum acle.com	EnterpriseOne HTML Server	
920_R5_JA5_PO5_90_demons3 an oracle.com	EnterpriseOne HTML Server	
920_R5_VCJA5_PO5_82_demonstrate.com	EnterpriseOne HTML Server	
920_R5_VCJA5_PO5_84_demonSus.oracle.com	EnterpriseOne HTML Server	
EA_J5_82_demonstracle.com	EnterpriseOne HTML Server	
EA_JS_DEV_demonstantion.oracle.com	EnterpriseOne HTML Server	
JAS_FOR_EM13c_REFRESHoracle.com	EnterpriseOne HTML Server	
JAS_WIN_REFRESH_911oracle.com	EnterpriseOne HTML Server	
developed an oracle.com_QE_VERIFICATION	JDE EnterpriseOne Domain	
		No Yes

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

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
- o 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*.


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

ORACLE Enterprise Manager Cloud Control 13c

Select Enterprise Manager Home Page

## Enterprise V 🔘 Iargets V 🛧 Eavorites V 🕒 History V 🐼 Setup V 🔍 🔔 SYSMAN V ....

### Welcome to Enterprise Manager Cloud Control 13c

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

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 Learn More Monitoring during maintenance periods Oracle Documentation Oracle Learning Library Improved SOA management Oracle University Courses Quick resolution for all events types using corrective actions View all the features Getting Started 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. Verify Software Library Setup Configure Management Agent Proxies Verify My Oracle Support Connectivity 110 Add An Additional OMS



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in hits

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.

<u>■</u> <u>Targets</u> ▼	★ <u>F</u> avorites ▼	Hist	t <u>o</u> ry ▼		tup 🔻
All Targets	Ctrl+Shift+	т			
Groups		fresh	Off	•	Page
Systems					
Services					
Hosts					
Databases					
Middleware					
Business Applic	ations				
Composite Appl	lications				



# 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.

	Enterprise Manager Cloud Control 13c	Enterpr	ise 🔻 🔄 <u>T</u> argets 🔻 🌟 🛉	Eavo	rites • 🕒 Hist <u>o</u> ry	•	ф	<u>S</u> etup	•	0	Ļ	, s	YSMAN	•	
Systems					Auto Refresh Off		~	Pag	je Refi	reshed				. 4	
A system is a c	ollection of related manageable entities which together provide one or more business functions. Members of any system can hav	e well-defined relatio	nships amongst themselves, called a	ssoci	ations.										
▲ Search												Sav	ed Sear	rches 🔻	
Search Al	Name Advanced Search														
Save	2														
View ▼	+ Add 🗸 🔀 Edit 💥 Remove														
Nama	Database System	Privilege	Tune		Str Membere	Str Mambara		embe	r Stat	us Sı	3 Summary		Inc	idents	
Name	Exalytics System	Propagation	Type	3	a members	Ŧ	t	Þ	X	N/A		9 8			
5 /EM	Generic System		Orașie Mahi anis Damain		Application Applic		42								
P /EMK	Identity and Access System	~	Oracle WebLogic Domain	n.	(6) (6)	-	13	-	-	9	-		-		
	JDE EnterpriseOne Domain				Application Cluste										
/EM(	Oracle Exalogic	~	Oracle WebLogic Cluster	1	(2) (2) Deployment, Deploy (2) (2)	-	5	-	1	-	1		1		
▶ /EM	Oracle Public Cloud Machine bipublisher(11.1.1)	~	Clustered Application Deployment	4	Application		1								
	Redundancy System				Deployment (1)										
► /EMG	C_GCDomain/GCDomain/BIP_cluster/ESSAPP	~	Clustered Application Deployment	1	Deployment (1)	-	1	-	-	-	-		-	-	
/EMG	C_GCDomain/GCDomain/BIP/bipublisher(11.1.1)	×	Application Deployment	1	•	-	-	-	-	-	-		-	-	
/EMG	C_GCDomain/GCDomain/BIP/ESSAPP	~	Application Deployment	1	•	-	-	-	-	-	-		-	-	



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

• 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**.

<sup>o</sup> Enterprise Manager Agent Host Machine

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

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

• Server Manager HTTP Port

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

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

• Server Manager Admin User

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

• Server Manager Admin Password

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



ORACLE' Enterprise Manager Clou	ud Control 13c	Enterprise V	<u> </u>	<b>★</b> • ©	•	Sys	SMAN 🔻 🚥
Add JDE EnterpriseOne Domain Enter required parameters needed to discover all targ part of this process.	jets within a JDE EnterpriseOne Domain manage	d by Server Manage	r. All EnterpriseOne	e targets will be	discovered and	pulled into Enterprise	Cancel OK Manager as a
* EnterpriseOne Domain Target Name	dev_env						
	Name of target to be created. (Server Manager host will be appended if r	ot already in the string provide	d.)				
* Enterprise Manager Agent Host Machine	denlx01	0					
* Server Manager Host	denti-030 mlab jdedwards.com						
* Server Manager HTTP Port	Server Manager Host for this target. 8999						
***	Server Manager HTTP Port used.						
Server Manager JMX Port	14501 Sonar Manager IMX Returned						
* Server Manager Admin User	jde admin						
-	Server Manager jde_admin User (This should not be changed from the d	efault 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:



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

	ger Clou	ud Contr	ol 13c			Enterprise V		Eavorites 🔻	History -	Setup -	् 🌲	SYSMAN	• •••
dev_env1_der#0203jems.us.or	acte a	O											
Oustom Menu									Ľ	Page Refreshed	May 20, 2016 12	10:50 AM GMT-07	7:00
🖌 General				¢	✓ Status							4	¢ ^
Owner SYSMAN					8 Members 🔀 1 👚 7								
Privilege Propagation Disabled					▲ (1) Most Affected Members (Last 24 Hours)								
✓ Overview of Incidents and Pro	blems			¢.	Name	Туре	Key Membe	r Status	Availabi	lity (%)			
					dents_bssv_7022_enable.com	۲		+		100			^
Incidents					dendition and oracle.com [/slot/ems18765/appmgr/jde_agent/SCFH	HA] 🔘		X		n/a			
Updated in last 7 c	lays (	)			AIS_7040oracle.com	۲		<b>†</b>		99.59			
Breakdown of incidents updated in the last 7	days	0	•		dent jas_8020_dent oracle.com	()		<b>†</b>		100			
	•	w		1-	demotion oracle.com [/slot/ems992D/oracle/jde_agent/SCFHA]			<b>†</b>		100			
Availability	-				_bssv_7020oracle.com	۲		<b>†</b>		100			
Security					demotion oracle.com [/slot/ems9920/oracle/Middleware/jde_ho	ome (0)		<b>†</b>		100			~
Others	-	-	-		EMCC ENT 6016 cm oracle.com	۲		+		100			
Problems					▲ Compliance Summary							-	¢
Total C	pen (	)			Compliance Standards Members								- 11
					∽ View Trends								
Jobs Activity				¢	Compliance Standard							Average Score	e
Summary of jobs whose start date is within the I	last 7 day	(8.			No data to display							,	
Show Latest Run 🗸				>>									
🕨 🜖 Show Jobs					A Dependent Targets							4	¢
					Name Type		Status Asso	ciation					
Blackouts				亞	No dependent targets.								
Create 🔻													
s	ubmitte	d to											×



# 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:



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

RACLE' Enterprise Manager Cloud Control 13c	Enterprise	e 🔹 🎯 Iargets 👻 🤺	Eavorites - C Histor	•	<b>¢</b> 50	tup 🔻	C	1		SYS	MAN 🔻	
stems	relationshine amongst th	namealuae rallad securistions	Auto Refresh Off		~	Page Re	freshe	d				4
	ciationanpa amongat a	conserves, called associations.								Saved	Search	es 🔻
Search All Name Q Advanced Search												
iew • + Add • Fdit K Remove												
Name	Privilege	Tupe	Ste Membere	Men	nber S	tatus S	Summ	ary		Incid	ents	
Name	Propagation	туре	Sta Members	+	1	۶ 🛛	N/A		۰	8		۴.
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	× .	Application Deployment	1	-	-		1	-	-	-		-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	×	Application Deployment	1	-	-		$\sim$	-	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	×	Application Deployment	1	-	-		-	-	-	-	-	÷
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	×	Application Deployment	1	-	-		-	-	-	-	-	-
/EMGC_GCDomain/GCDomain/empbs	~	Domain Application Deployment	n Application Deployment (1)	-	1		-	-	-	-		-
/EMGC_GCDomain/GCDomain/ESSAPP	~	Domain Application Deployment	t n Application Deployment, Deployment, (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 Ent Managed Ser Home (3) Ser	-	7	- 1						
			1									



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

ORACLE' Enterprise Manager Cloud Control	13c	Enterprise V	<u> </u>	*	<b>⊡</b> • ‡••	् 🌲	SYSMAN V
	0						
⑥ Custom Menu ▼					Page Refreshed		<del>ن</del>
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						

#### 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.



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-												
ystem is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined r	elationships amongst t	hemselves, called associations.	Auto Refresh	Off	~	Page	Refresh	ed				t
Search All Name Q Advanced Search Save									5	Saved S	3earche	:5 ¥
iew ▼ 🕂 Add ▼ 📝 Edit 💥 Remove												
Name	Privilege Propagation	Туре	Sta Members	+	1 mber		s sumi	Mary	•	incider		•
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	4	Application Deployment	1		-				-			- )
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	~	Application Deployment	1	-	-	-			-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	~	Application Deployment	1	-		-			-	-	-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	~	Application Deployment	1	-	-	-			-	-	-	
/EMGC_GCDomain/GCDomain/empbs	~	Domain Application Deployment	t n Application Deployment (1)	-	1	-		-	-	-	-	-
/EMGC_GCDomain/GCDomain/ESSAPP	*	Domain Application Deployment	t n Application Cl Deployment, Dr (1) (1	plic ploy -	2	-			-	-		-
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	*	Domain Application Deployment	t n Application Deployment (1)	-	1	-		-	-	-	-	-
/EMGC_GCDomain/GCDomain/OCMRepeater	~	Domain Application Deployment	t n Application Deployment (1)	-	1	-		-	-	-	-	
Cloud		Cloud	n	-		-		-		-	-	
dev_env		JDE EnterpriseOne Domain	n EnterpriseOne Managed Home (3)	Ent Bus Ser Ser	7		1 -	-	-	-		
			Application									

**3.** 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).

	rise Manager	Cloud C	ontrol 13	Bc		Enterprise V	Iargets •	Eavorite	* C	list <u>o</u> ry ▼	🔅 Setup 🗸	0	SYSM	AN 🔻
⑥ Custom Menu ▼			0								Help Welcor	ne Page	r	*
✓ General Owner SYSM Privilege Propagation Disable	AN			Φ	<ul> <li>✓ Status</li> <li>8 Members X 1 ↑ 7</li> <li>✓ ③ Most Affected Members (Last 24 Hours)</li> </ul>						Entitler Set Cu Persor	nent Summ rrent Page alize Page	ary as My Home 	
A Overview of Incident	s and Proble	ms		÷Ö÷	Name		Туре	Key Member	Status	Availat	il Enterp	rise Manag	er Password & Em	ail
					den60203jems_jas		۲		+		Prefere	inces		•
Incidents							۲		X		About	Enterprise I	Manager	
Updated	1 in last 7 days	0					0		1		Log Ou	ıt		
Breakdown of incidents update	d in the last 7 day	ys					۲		+		100			
Category	•	8					0		1		100			
Availability	-	-	-				۲		+		100			
Performance	-	-	-	-			0		+		100			
Security	-	-	-	-			<u></u>		*		100			~
Others	-	-	-	-					-					
Problems	Total Open	0			Compliance Standards Members									\$



# 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.

ev_env		6		
🔊 Custom Menu 👻				
Home				
Open the home page in a new window.				10
Monitoring	►			
Control	•			
Job Activity	pl	ems		4
Information Publisher Reports				
Members	•	Show All		
Refresh Discovery		Topology		
Server Manager		Dashboard		
Configuration	►	Operations		-
Compliance	•	History		-
Target Setup	•	-	-	-
Target Sitemap				

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



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

ORACLE Enterprise Manager Cloud Control 13c	Enterprise 🔻	<u> </u>	★ <u>F</u> avorites ▼	⊢ History ▼	Setup V	0	<b>.</b>	SYSMAN V	
dev_env1_development oracle.com									
⑥ Custom Menu ▼									
Members									
View				F	Page Refreshed May	y 20, 2016	i 1:05:44	I AM GMT-07:00	Export
Name 🔺	Туре		Status					Incid	dents
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home		+					0	0 0
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home		1					0	0 0
AIS_7040	EnterpriseOne Application Interface Services		+					0	0 0
bssv_7020	EnterpriseOne Business Services Server		1					0	0 0
bissv_7022ems	EnterpriseOne Business Services Server		+					0	0 0
jas_8020	EnterpriseOne HTML Server		1					0	0 0
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home		X					0	0 0
EMCC_ENT_6016,	EnterpriseOne Enterprise Server		1					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.

	Manager (	Cloud Co	ontrol 13	с
			0	
O Custom Menu ▼				
Home				باد
Open the home page in a new window	N.			4Q1
Monitoring	•			
Control	•			
Job Activity	bler	ns		\$
Information Publisher Reports				
Members	▶ s (	D		
Refresh Discovery	day	s		-
Server Manager		8	Δ	•
Configuration	•	-	-	-
Compliance	•	-	-	-
Target Setup	•	-	-	-
Target Sitemap				
Target Information	n (	D		



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

	terprise Manager Cloud Control 13c
dev_env	0
Oustom Menu ▼	
Warning     Refreshing the JDE Enter	oriseOne Domain target dev_env1, Would you like to refresh EnterpriseOne targets?

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

ORACLE <sup>®</sup> Enterprise Mar	ager	Cloud Co	ntrol 13	с
💿 Custom Menu 🔻				
Home Ø Open the home page in a new window.				¢
Monitoring Control	•			
Job Activity Information Publisher Reports	s			\$
Members	•	Show Al	I	
Refresh Discovery	L	Topolog	у	
Configuration	•	Operatio	ons -	-
Compliance	•	History		-
Target Setup Target Sitemap		-	-	-
Target Information		0		



				0
)Custom Menu 👻				
Home			<i></i>	d Sta
Open the home page in a new window.			256	J Sta
Monitoring				_
Control	•			
Job Activity	s		\$	Name
Information Publisher Reports				dnvmto
Members	•	0		dnvmto
Pofresh Discovery	av	U s		dnvmto
Server Monoger	)	⊗ ▲	•	dop00
Server Manager				denou
Configuration	•	Last Collected		ote
Compliance	Þ	Comparison & D	rift Managen	nent
Target Setup	•	Compare		2222
Target Sitemap		Search		0
Target Information		History		np
		Save		
Jobs Activity		Saved		
Summary of jobs whose start date is within	the I			

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



ORACLE' Enterprise Manager Cloud Control 13c	Enterprise V	★ Eavorites ▼	→ History ▼	Setup 🔻	0	۰	SYSMAN V	



# 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.

age	r Cloud Control 130	2
		ىلە
		4Q8
►		
•		
5	5	¢
+	Show All	
	Topology	-
Г	Dashboard	•
Þ	Operations	-
•	History	-
Þ		-
	0	
	hage	s Show All Topology Dashboard Operations History 0

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

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ORACLE' Enterprise Manager Clo	oud Control 1	3c		Enterpris	e ▼	<b>★</b> • C	)• 4	۶Ŧ	0		S	YSMA	N <b>v</b>	
		0												
Oustom Menu ▼														
JDE EnterpriseOne Domain: EONE_SM					Page Refreshed				Sto	o Auto I	Refres	h 📕	Custo	mize
▲ Member Targets (8)														
Name				Target	Type	Status	• •		Incid	ents		Con Viol	npliar ation	1CE IS
Turre				laiget	Type	Status		۰	8	▲	-	8		<b>A</b> .
bssv_7020				Enterpr	iseOne Business Servic.	. 1		1	-	-	-	-	-	
EMCC_ENT_6016				Enterpr	iseOne Enterprise Serve	r 1👚		-	-	-	-	-	-	-
[/slot/ems18765/appmgr/jde_agent/SCFHA]				Enterpr	iseOne Managed Home	11		-	-	-	-	-	-	-
jas_8020				Enterpr	iseOne HTML Server	1 👚		-		-	-	-	-	-
bssv_7022				Enterpr	iseOne Business Servic.	11		-	-	-	-	-	-	-
AIS_7040				Enterpr	iseOne Application Inter.	. 1🛧		-	-	-	-	-	-	- 🗸
				Enteror	iseOne Managed Home	1 🛧		-	-	-	-	-	-	_
Incidents and Problems														-
Actions View View Category All	Acknowl	edge 🛛 🖉 Clear	<b>⊜</b> 1 <b>⊗</b> 0 <u>∧</u> 0	0										
Summary	Severity	Status	Escalation Level	Туре	Time ▲▼ Since Last Update	Target Name	Last C	Comme	nt					
The Business Services Server instance is down	۰	New	No	Incident	7 days 22 hours	den60203jems	(Incider manag- rule for genera	nt create ement re a Targe ted rule]	ed by rul ule set fo et Down ().) on Ju	e (Name or all tar availabi in 6, 201	e = Inci gets, In lity stat 16 11:0	dent cident us [Sy 3:02 F	creati stem M PD	on T
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.

	Manager Cloud Control 13c	
💿 Custom Menu 👻		
Home	مئو	
Open the home page in a new window	W.	
Monitoring	•	
Control	•	
Job Activity	s 🔅	
Information Publisher Reports		
Members	▶ 0	
Refresh Discovery	ays	
Server Manager		
Configuration	▶ <u>· · · ·</u>	
Compliance	• • • •	
Target Setup	Monitoring Configuration	
Target Sitemap	Administrator Access	
Target Information	Remove Target	
	Add to Group	
Jobs Activity	Properties	

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	<u> </u>	*	<b>•</b>	<b>Ø</b> -	0	SYSMAN V
	0							
Oustom Menu ▼					Page	Refreshed		も
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 <code>jde.ini</code> and <code>jas.ini</code>. 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.

	Manager Cloud Control 13c
+	
O EnterpriseOne HTML Server ▼	
Home	
Open the home page in a new window	N.
Monitoring	▲ (
Diagnostics	F
Control	▶ 3020
Job Activity	
Information Publisher Reports	
Configuration	Latest
Compliance	Comparison & Drift Management
Target Setup	Compare
Target Sitemap	Search
Target Information	History
▲ Incidents	Save
View  Category All	Saved
Summary	Topology

Cloud Control displays the latest configuration for the selected Target.

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

	ager (	Cloud Contr	ol 13c		•	•	*	Ŀ۰	-‡-	् 🌲	SYSMAN	•
<b>†</b>				0								
EnterpriseOne HTML Server ▼								0	Page Re	freshed		Ð
Latest Configuration to Refresh	± C	onfiguration	Report									
✓ (i) JDE EnterpriseOne Configuration	-	Configurati Configurati Last collee View Property Instance N	ion Char on Prop cted at ① ① E Name lame	ges 2 erties Immediate Relationship sport Detach Property Value	Member O	f Uses	Cused By	•				
	•	JMX Port JDE Home Manageme Server Nar Operating Platform	ent me System	16521 /slot/ems9920/oracle/Middlewares Linux x86_64	íjde_home_	1/SCFMC						

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



ORACLE' Enterprise Manager Cloud Control	ol 1:	3c	📲 🛛 🕢 🌟 🕑 🎝 🎝 🖓 🌲 SYSMAN 🕶
<b>†</b>		9	
InterpriseOne Enterprise Server ▼			Page Refreshed
Latest Configuration CRefresh	Rep	oort	
✓ () JDE EnterpriseOne Configuration		Configuration Char Configuration Prop	ges erties Immediate Relationship Member Of Uses Used By
		Last collected at View ▼t E	sport 🔄 Detach
		Property Name	Property Value
		Operating System	Linux
	•	Platform	x86_64
		Instance Name	ES
		JDE Home	C:\jde_home_2\SCFMC
		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.



Output     Ou	ORACLE Enterprise Manager Cloud Control	ol 13c	<u>Enterprise</u> ▼	© Targets ▼ 🛉 ▼ 🕒 ▼	🔅 - 🔍 🌲 🛛 s	YSMAN 🔻 🚥
EnterpriseOne HTML Sever ▼      Configuration Referesh     Configuration Referesh     JDE EnterpriseOne Configuration    Actions ▼     JDE EnterpriseOne Configuration    Actions ▼     JDE EnterpriseOne Configuration    Secreh     Search     Search	<b>†</b>	0				
Latest Configuration Referest   JDE EnterpriseOne Configuration   JDE EnterpriseOne Configuration   JDE EnterpriseOne Configuration   Image: Search   Search   Image: Search   Configuration File Name   Image: Search   Image: Search   Image: Search   Image: Search Image: S	InterpriseOne HTML Server ▼			0	Page Refreshed	U
JDE EnterpriseOne Configuration       ▲ Actions ▼         JDE EnterpriseOne Configuration       ▲ Search         Image: Search       Image: Search	Latest Configuration 🕹 Refresh	Report				
jas.ini OWWEB useRoleHierarchy true <b>Rows:</b> 158	JDE EnterpriseOne Configuration	JDE EnterpriseOne Configurat ■ Search Configuration File Name Configuration Properties Last collected at View	Actions Actions	Search Reset Add  Search Reset Add  Configuration Entry Value  true false true WorkCenter X com jdedwards base util encryption XCC true 3000 false true	RDecoder	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).



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Enterprise Manager Cloud Control 130										
EMCC_ENT_6016										
nterpriseOne Enterprise Server 👻							Page Re	efreshed		
ne Performance										
General	✓ User Count									
Status Up	1.2									
Instance Name EMCC_ENT_6016	1.0									1
Operating System Linux	0.6									
Platform x86_64	0.4									1
JDE Home /slot/ems9920/oracle/Middleware/jde_home_1/SCFMC	0.2									
Management Server Name	0.0 03:00 AM 05:00 07:00 May 23 2016	09:00 11:00	01:00 PM	03:00	05:00	07:00	09:00 1	1:00	01:00 AM 24	
JMX Port 16521	•			er Count						•
JMX Port 16521	<		Use	er Count					Tal	• ble View
JMX Port 16621	<		Use	er Count					Tai	▶ ble View >
JMX Port 16521	•		∎ Us Target	Severity	Status	Escalatio Level	n Type		Tal Time Sin Update	ble View
JMX Port 16521	•		∎ Use Target	Severity	Status	Escalatio Level	n Type		Tal Time Sin Update	ble View
JMX Port 16521	<		∎ Use	Severity	Status	Escalation Level	n Type	Upo day	Tal Time Sin Update dated in the last /s	tice Last
JMX Port 16521	<		Target	er Count Severity	Status	Escalatio Level	n Type	Upc day	Tal Time Sin Update dated in the last rs	tice Las
JMX Port 16521	•		Target	Severity Severity	Status	Escalatio Level Escalatio Level	<sup>n</sup> Type	Upc day	Time Sin Update dated in the last /s Time Sin Update	the View ble View Cce Last 31
JMX Port 16521	•		Target	Severity Severity	Status Status New	Escalatio Level Escalatio Level -	n Type	upc day	Time Sin Update dated in the last is Time Sin Update 0 days 0 h	ble View     ble View     ce Last     ce Last     ce Last     tours

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Could Control 130		Enterprise V	Target	s• 🗮	Eavorites	History -	Setup 🔻	× ‡	SYSMA	WN .
terpriseOne HTML Server 🔻							Page Refi	reshed		
e Performance										
General	⊿ User Count									
Status Up	1.2									
Instance Name	1.0									
Operating System Linux	0.8									
Platform x86_64	0.4									
JDE Home /slot/ems9920/oracle/Middleware/jde_home_1/SCFMC	0.2									
Management Server Name	0.0 02:01 AM 02:02 02:03 May 24 2016	02:04 02:05 02:0	16 02:07	02:08	02:09 0	02:10 02:11	02:12 0	2:13 02:14	4 02:15	
JMX Port 16521	•		Total	User Count					Þ	
									Table Vi	'iew
	<									>
Incidents										ö
						Encolation		Tim	s Since Loot	. '
Summary			Target	Severity	Status	Level	Туре	Upd	ate	
o matching incidents or problems found.								The desired in the		4
olumns Hidden 14								days	e last 31	Ì
Host Incidents										÷
view ▼ Category All ▼ ●0 😵0 🛕1 №0										
			Target	Severity	Status	Escalation Level	1 Туре	T	ime Since L Ipdate	.as
Summary										
Summary CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold.				Δ	New	-	Inciden	nt O	days 0 hours	1

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

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	SYSMAN -		0	Setup •	History -	Eavorites -	- 1	∑argets ▼	rise 🔻	Enterpris								d Control 13c	anager Cloue	Enterprise Ma	ACLE I	
		5																		5016	CC_ENT_60	↑ EN
ð			reshed	Page Refr																orise Server 🔻	priseOne Enterpris	Entre
																					Performance	Home
														el Memory	stance Leve	⊿ Ins				vel CPU	nstance Leve	
																3.0					.0	
																2.5					.8	
																1.5					.6	
																1.0					.4	
																0.5					.2	
		02:00	м	12:00 PI	10:00	08:00	06:00	H00 I	04:0	02:00	12:00 AM 22	10:00	08:00	06:00	J4:00 PM May 21 2016	0.0	06:00	02:00 PM	10:00	:00 AM 06:00	0 10:00 PM 02:00 May 19 2016	
	•							(110)		-					4		•	1.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•	
	Table Ma							smory (MB)	-Level Mem	Instance-La						Sour	Table 1	J (%)	nstance-Level CP			
<u> </u>																ew 🧹	Table					
	, Table Vie	02:00	M	12:00 PI	10:00	08:00	06:00	i:00 i amory (MB)	04:0	02:00	12:00 AM 22	10:00	08:00	06:00	J4:00 PM May 21 2016 ◀	2.0 1.5 1.0 0.5 0.0 04	06:00	02:00 PM J (%)	10:00 Instance-Level OP	:00 AM 06:00	L6 L4 L2 May 19 2016	



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ORACLE <sup>®</sup> Enterprise Manager Cloud Control 13c	Enterprise V	∑argets ▼	listory 🔻 🔯 Setup 🕶 🔍 🌲 SYSMAN 🕶 🚥
<b>↑</b> jas_8020			E
⑥ EnterpriseOne HTML Server ▼			Page Refresher 👌
Home Performance			
🖌 Call Object Kernel Average Execute Time 🛛 🔅	🖌 Java Heap		
350	500M	A	
250		ΛΛΛΛΛ	ΛΛΛΛΛ
200	300M		
150	200M V V V V V V		V $V$ $V$ $V$ $V$ $V$ $V$
50	100M		
0 01:00.AM 06:00 11:00 04:00 PM 09:00 May 23 16 24	0M 01:00 AM 03:00 05:00 07:00 May 23 16	09:00 11:00 01:00 PM 03:00	05:00 07:00 09:00 11:00 24
•	4		1111
CallObj Avg Time		Java Heap	Table View
🖌 Call Object Kernel Timeout Errors			
1.0			
0.8			
0.6			
0.4			
0.2			
0.0 00 AM 06:00 11:00 04:00 PM 09:00			
May 23 16 24			
CallObi Timeout Errors			
Table View			
A			

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.



ORACLE' Enterprise Manager Clou	d Control 13c				-	•	*	⊡• ⊀	‡∙	0,	Ļ		SYSMAN 🔻 🗉
enterpriseOne Application Interface Services								P	age Re	freshed			
Summary	Incidents and Problems												
Status	View <b>v</b>	Target	Local ta	arget and Rela	d Related targets			Category All			0 😢 0	<u>^</u> 0	<b>b</b> 0
Up Since	Summ	ary		Target	Severity	Status		Escalation Level		Туре		Tin Up	ne Since Last date
	No matchi	ing inciden	ts or pro	blems found.									
	Columns	Hidden	14								Upd day	lated in t s	he last 31

# 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.

	age	r Cloud Control 13c
<b>↑</b> ENT		
InterpriseOne Enterprise Server ▼		
Home		
Open the home page in a new window.		
Monitoring	•	All Metrics
Diagnostics	•	Metric and Collection Settings
Control	►	Metric Collection Errors
Job Activity		Status History
Information Publisher Reports		Incident Manager
Configuration	►	Alert History
Compliance	•	Blackouts and Brownouts
Target Setup	×	
Target Sitemap		Message
Target Information		

- **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 CPU % Used by All Kernels
  - Enterprise Server Process Manager
  - <sup>o</sup> JDE Enterprise Server Log Monitor (Release 9.2.1 Update)

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

- 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

ORACLE <sup>®</sup> Enterprise Manager Cloud Con	trol 13c			1	<b>γ</b> ▼	•	*	Ŀ۰	ф-	0	<b>≜</b> ∣	SYSMAN	•
T ENT													
InterpriseOne Enterprise Server ▼									Page R	efreshed			U
920_RS_ENT> All Metrics													
All Metrics													**
Search	Overview												*
View 🔻 🐺 🏦	🛋 Open N	letric Eve	nts			- N	letric Co	ollection	Errors				
<ul> <li> <b>920_RS_ENT</b> </li> <li>         ▶ Average CPU % Used by all Kernels     </li> </ul>		0		0 Critical					0				
Enterprise Server Process Manager		Open Alert	5	Warning				metric co	meduon Erro	15			
Kernel Process     Kernel Thread	Importa	int Metric	charts			View Data	Last 24	Hours	•	Auto Re	fresh C	▼ IfC	
Network Process     Response	No metric is	added to tai	get overview. Yo	u can add/rem	ove any	additional m	etrics by	clicking th	e options	menu of me	∍tric valu	e history.	
Total JDB Table Cache Count Total JDE Cache	<ul> <li>Deploy</li> </ul>	ed Metric	Extensions										
Total Number of DB Connections	View 🔻	Undeploy	Upgrade										
Total Number of Incoming Network Connections	Name		Display Name	Runs On		Ve	rsion D	escription	1		ls La	itest	
<ul> <li>Total Number of Outstanding Requests</li> <li>Total Number of Users</li> <li>Other collected items.</li> </ul>	No data to di Columns H	isplay. idden 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.

ORACLE' Enterprise Manager Cloud Contr	ol 13c	••	<b>★</b> ▼ ⊡• 3	¢• < 1	SYSMAN -
<b>↑</b> 920_RS_ENT					
EnterpriseOne Enterprise Server ▼				Page Refreshed	Ð
920_RS_ENT.> All Metrics					
All Metrics					4
Search Q View ▼ Ţ ↑↑ ♣↑ ■ 920_RS_ENT	Average CPU % Used by all Kernels Collection Schedule Every 15 Minutes Upload Interval Every Collection Last Upload				
Average CPU %	Metric	Thresholds	Real Time Value		
Enterprise Server Process Manager	Average CPU %	Not Set	0.06		
Kernel Process     Kernel Thread	𝒞 Data shown in above table is collected in real time.				
Network Process					
Response					
Total JDB Table Cache Count					
<ul> <li>Total JDE Cache</li> <li>Total Number of DB Connections</li> </ul>					
Total Number of Incoming Network Connections					
Total Number of Outstanding Requests					
Total Number of Users					
Other collected items.					



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.

ORACLE' Enterprise Ma	nage	er Cloud Control 13c	
<b>1</b> jas_8020			
InterpriseOne HTML Server ▼			
Home			
Open the home page in a new window.			
Monitoring	•	All Metrics	
Diagnostics	►	Metric and Collection Settings	
Control	►	Metric Collection Errors	
Job Activity		Status History	
Information Publisher Reports		Incident Manager	
Configuration	►	Alert History	
Compliance	►	Blackouts	
Target Setup	•		
Target Sitemap			.al
Target Information			

- **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
  - o 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

L

- Total Number of System Errors
- Total Number of Timeout Errors
- Total number of current users
- Other collected items



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ORACLE' Enterprise Manager Cloud Contr	rol 13c		<u>E</u> nterprise ▼	<u>     Targets</u> ▼	★ Eavorites ▼	B History ▼	Setup <b>v</b>	् 🌲	SYSMAN	N <b>v</b>
<b>↑</b> 915bip								8		
InterpriseOne HTML Server ▼							Page R	efreshed		Ð
915bip> All Metrics										
All Metrics										**
Search	Overview									346
View - E TE TE	⊿ Open Metric Ev	ents		.⊿ Metric	c Collection Errors	5				
		•	0			0				6
Average Execution Time		0	Critical			U				_
Cache Group		Open Alerts	Warning			Metric Collection Er	rors			
Call Object (BSFN) Stats										
Current number of open applications (All Users)	▲ Important Metr	c charts			View	Data Last 24 Ho	urs 🔻	Auto Refresh	Ofl 🔻	
Database Datasource	No motrio in added to	annat averaieur Vera ann addrean	eus anu additional moteise hu slisking t	the entire menu	f motrie velve history					
General System Info and Uptime	No metric is added to	arget overview. You can addreni	ove any auditional metrics by clicking t	ne options menu o	of metric value history					
JDB Service Cache										
JDBj Cached Prepared Statement	▲ Deployed Metr	c Extensions								
JDBj Connection Manager	View   Undeple	Upgrade								
JDBj Connection Pool	Name	Display Name Runs On	Version Description	n				Is La	test	
JDBj Pooled Connection	No data to display.									
JDENET Connection Manager	Columns Hidden	2								
JDENET Connection Pool Socket										
JDENET Host/Port Connection Pool										
Java Heap Memory Used										
Response										
Total Number of System Errors										



4. 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.

ORACLE Enterprise Manager Cloud Cor	ntrol 1	3c						Enterpris	e 🔻	<u> </u>	1	Eavorites	• (	History	•	Setup 🔻	(	0	<b>.</b>	SYSMA	N <b>v</b>
🕈 915bip																					
InterpriseOne HTML Server ▼																Page I	Refres	hed			t
915bip> All Metrics																					
All Metrics																					**
Search	Ov	erview																			244
View - III fill		d Open	Metric	Events						.⊿ Metrie	ic Colle	ection Err	rors								
4 915bin					•			0						Δ							6
Average Execution Time					U			Critical						U							-
Cache Group				c	pen Alerts			Warning					Me	tric Collectio	n Errors						
Call Object (BSFN) Stats																					
Application Errors	1.	≰ Impor	tant Me	tric ch	arts							Vie	ew Data	a Last 24	Hours	٠	A	uto Ref	fresh	Dfi ▼	
Average Time	N	o metric i	s added t	o targel	overview.	You can add/re	move any a	Iditional metrics by clic	kina ti	he options menu o	of metri	c value his	tory.								
First Time		ometrici	Juducu	otarge	orennem.	rou cun uuune	more any a	and on an inclusion by circ	King u	ie options menu e	ormeur	e ruide ma	tory.								
Longest Time																					
Shortest Time	11	и реріо	уеа ме	INC EX	tensions																
System Errors		View <b>v</b>	Unde	oloy	Upgrade																
Timeout Errors		Name		Dis	play Name	Runs On		Version Descr	iptior	n								b	s Lates	t	
Total Invocations	P	lo data to	display.																		
Total Time		Columns	Hidden	2																	
Current number of open applications (All Users)																					
Database Datasource																					
General System Info and Uptime																					
JDB Service Cache																					
JDBj Cached Prepared Statement																					



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.

ORACLE Enterprise Manager Cloud Control 13c	Enterprise ▼	🕒 Hist <u>o</u> ry 🔻 🏘 Setup 🗸 🔍 🌲 SYSMAN 🕶 🚥
<b>↑</b> 915bip		8
		Page Refreshed
915bip> All Metrics		
All Metrics	View	Data Last 24 Hours   Auto Refresh Off
Search Q Application Errors		
View 🔻 📊 📋 🔛 JVM Node Id Enterprise Server Function Name Value	Low Value High Value Last Known Value Current	Severity Alert Triggered Last Collection Timestamp
▲ 915bip No data to display.		0
Average Execution Time		
Cache Group		
Call Object (BSFN) Stats		
Application Errors		
Average Time		
First Time		
Longest Time		
Shortest Time		
System Errors		
Timeout Errors		
Total Invocations		
Total Time Solicit row to see details		
Current number of open applications (All Users)		
Database Datasource		
General System Info and Uptime		
JDB Service Cache		
JDBJ Cached Prepared Statement		



## 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.

ORACLE' Enterprise Ma	anage	r Cloud Control 13c
EnterpriseOne Application Interface Serv	vices 🔻	
Home		Incidents and Prob
Open the home page in a new window.		
Monitoring	Þ	All Metrics
Diagnostics	Þ	Metric and Collection Settings
Control	►	Metric Collection Errors
Job Activity		Status History
Information Publisher Reports		Incident Manager
Configuration	►	Alert History
Compliance	►	Blackouts
Target Setup	•	
Target Sitemap		
Target Information		

- **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
  - $\circ$  Response
  - Total Number of Users
  - Other collected items

	lanager Clou	d Control 13	3c			•	•	*	<b>•</b> •	<b>☆</b> -	् 🌢	SYSI	MAN 🔻 🚥
AIS_BUILD													
EnterpriseOne Application Interface Se	rvices 🔻									Page Refr	eshed		U
AIS_BUILD > All Metrics													
All Metrics	Overview												<b>‡</b>
View View Alts_BUILD	⊿ Open	Metric Ever	its	Oritical	^	4	Metric Co	ollection E	Errors				
<ul> <li>General System Info</li> <li>Java Heap Memory Used</li> <li>Resoonse</li> </ul>		Open A	lerts	0 Warning	~			Me	etric Collection	on Errors			
Total Number of Users     Other collected items.	▲ Impor No metric i	tant Metric s added to ta	charts get overview. Yo	ou can add/remove a	any additional met	rics b	View Da	ta Last 24	4 Hours menu of m	etric value	Auto Refres	sh Off 🗸	
	🔺 Deplo	yed Metric I	Extensions										
	, View ▼	Undeploy	Upgrade										
	No data to Columns	display. Hidden 2	Display Name	Runs On	Versio	on D	Description				IS L	atest	



**4.** 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.

	lanager Cloud Control 13c			() · ☆ · ()	SYSMAN -
AIS_BUILD					8
EnterpriseOne Application Interface Ser	rvices 🔻			Page Refreshed	0
AIS_BUILD > All Metrics					
All Metrics					**
Search	Overview				sAe
View 🔻 🖷 🏗 🟗	A Open Metric Events		Metric Collect	tion Errors	
AIS_BUILD	•	0		0	Q
▲ General System Info	U	Critical		Matric Collection Errors	
Fully Qualified Host Name	Open Alerts	Warning		metric Conection Errors	
Host Name (short)	Important Metric charts		View Data Last 24	Hours V Auto F	Refresh Off
Java heap memory size					
Java max memory size	No metric is added to target over	view. You can add/remove any additi	onal metrics by clicking	the options menu of metric v	value history.
Java total memory used	4 Deplement Matrix Externel				
Java Heap Memory Used		ons			
Response	View ▼ Undeploy Upg	rade			
Total Number of Users	Name Display	Name Runs On	Version Descriptio	n	Is Latest
Other collected items.	No data to display.				
	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 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:



		SYSMAN 🔻 🗉
i Custom Menu ▼	Page Refreshed	ť
Monitoring Configuration		OK Cance
* Enterprise Manager Agent Host		
* Server Manager Admin Password		
* Server Manager Admin User		
* Server Manager Hostname		
* 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 inte	nded for limited (authorized) use and is subject to co	mpany 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:

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② Documentation and Support

Sign Out

ORACLE JD Edwards EnterpriseOne Server Manager

Select Instance 👻	Managed Homes and Managed Instances	
What do you want to do?	Use the dropdown below to select the desired management view.	
INSTALL	Select View Managed Homes and Managed Instances <b>T</b>	
<u>Management Agents</u> <u>Manage Software</u>	Managed Homes	
Database Drivers	Shown below are each of the known managed homes and the managed instances they contain. If there is a managed home that is not ru	unning and you wish to not see it listed here you may remove it.
CONFIGURE	Select [Managed Home]: Remove Stop Update	
Server Groups	Managed Home Location	Managed Instances
TRACK  User Actualy  Server Actualy  Table Cache	Parages nome bccaso        P     *       *     *       *     *       *     *	Managed Instances (1) (1) (1) (1) (2) (2) (2) EnterpriseOne HTML Server ↔ Stopped (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2



# Removing the JD Edwards EnterpriseOne Domain

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



### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

RACLE' Enterprise Manager Cloud Control 13c	<u>Enterprise</u>	• O <u>T</u> argets •	Eavorite		ny 🔻	Ø	Betup ▼	C	1	<b>.</b>	SYSI	MAN 🔻	•
stems				Auto Refresh O	m	~	Page	Refresh	ed				1
stem is a collection of related manageable entities which together provide one or more business functions. Members of any system can hav	e well-defined relations	hips amongst themselves, cal	led association	ons.									
Search											Saved	Search	Jes 🔻
earch All V Name Advanced Search													
Save													
w 🔻 🕂 Add 🔻 🧪 Edit 🗙 Remove													
Name ×	Privilege Propagation	Гуре	Sta I	<b>Members</b>	Me	mber	Status	Summ	ary	•	Incide	ents	
/Emici_Gcuomain/Gcuomain/Emico_Oms i/empos	× +	Application Deployment	т				<i>a</i>		-		÷	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	✓ I	Application Deployment	1		-	-		-	-	+	-	-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	✓ I	Application Deployment	1		-	-		-	-	-	-	-	
/EMGC_GCDomain/GCDomain/empbs	× 0	Domain Application Deployme	ent n /	Application Deployment (1)	-	1		-	-	-		-	
/EMGC_GCDomain/GCDomain/ESSAPP	✓ []	Domain Application Deployme	ent n (	Application Deployment, 1) Clust Appli Deplo (1)	e c c	2		-				-	
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	✓ 0	Domain Application Deployme	ent n (	Application Deployment (1)	-	1		-	-	-	-	-	
/EMGC_GCDomain/GCDomain/OCMRepeater	× 0	Domain Application Deployme	ent n (	Application Deployment (1)	-	1		-	-	-	-	-	
Cloud	C	Cloud	n		-	-		-	-	-	-	-	
dev_env1	L	IDE EnterpriseOne Domain	n	InterpriseOne Managed Home (3)	ð is ir ir	7	- 1	-					



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.

ORACLE Enterprise Manager Cloud Control 13c	Enterprise V 🞯 Iargets V 🛧 🕑 V 🔅 V 🔍 🌲 SYSMAN V …
⑥ Custom Menu ▼	
▲ Warning JDE EnterpriseOne Domain target and all associated EnterpriseOne targets are about to be d	eleted.
Name	Туре
dev_env1	JDE EnterpriseOne Domain
EMCC_ENT_6016	EnterpriseOne Enterprise Server
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home
AIS_7040	EnterpriseOne Application Interface Services
bssv_7020	EnterpriseOne Business Services Server
bssv_7022	EnterpriseOne Business Services Server
jas_8020	EnterpriseOne HTML Server
	No Yes

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.

	CLE <sup>•</sup> Enterprise Manage	r Cloud Control 13c	Enterpr	ise 🔻 Targets 🕶 🌟 🛉	avorite	is • 🕒 Hist <u>o</u> r	y <b>v</b>	Ф	<u>S</u> etu	p 🔻	0			SYSMA	N 🔻 🛛	
Systems					,	Auto Refresh Off		~	] Pa	ge Ref	reshed				-1	2
A system is a	collection of related manageable entiti	es which together provide one or more business functions. Members of any system can have	e well-defined relatio	nships amongst themselves, called a	sociati	ons.										
▲ Searc	h												Sa	ved Sea	arches 🔻	
Search A	All	Name Advanced Search														
Sav	ve															
View <b>v</b>	🕂 Add 👻 🧪 Edit 🛛 🗙 Remov	re														
Name	Database System		Privilege	Tune	Sec. 1	Mamhara	Me	embe	r Stat	tus Su	ımmai	y	In	cident	s	
Name	Exalytics System		Propagation	туре	Stel	wembers	Ŧ	t	Þ	X	N/A		•	3 🔺	s (P)	
5 /EM	Generic System			Oreale Webl agis Demain		Application Applic		42			0					^
P /EWA	Identity and Access System		~	Oracle WebLogic Domain		(6) (6)	1	13	-	-	9	-	-		-	
	JDE EnterpriseOne Domain					Application Cluste										
/EM0	Oracle Exalogic		~	Oracle WebLogic Cluster	1	(2) (2) Deployment, Deplo	-	5	-	-	1	-	-		-	
▶ /EM	Oracle Public Cloud Machine	bipublisher(11.1.1)	4	Clustered Application Deployment	+	Application		1				-				
	Redundancy System					Deployment (1)										
▶ /EM0	GC_GCDomain/GCDomain/BIP_cluste	r/ESSAPP	~	Clustered Application Deployment	Ť	Deployment (1)	-	1	-	-	-	-	-	-	-	
/EM0	GC_GCDomain/GCDomain/BIP/bipubl	isher(11.1.1)	~	Application Deployment	1		-	-	-	-	-	-	-	-	-	
/EM0	GC_GCDomain/GCDomain/BIP/ESSA	PP	~	Application Deployment	1		-	-	-	-	-	-	-		-	



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

• 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.

• Server Manager Host

Enter the public IP of your Server Manager host.

• Server Manager HTTP Port

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

• Server Manager JMX Port

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

Server Manager Admin User

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

• Server Manager Admin Password

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

• 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.

• Enterprise Manager User

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

• Enterprise Manager Password

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

<sup>o</sup> 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.

• 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.

• 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".



	Manager Cloud Co	•	•	*	<b>•</b>	¢٠	0	۱.	SYSMAN V	
Add JDE EnterpriseOne D Enter required parameters needed to d will be discovered and pulled into Enter	<b>omain</b> liscover all targets wit rprise Manager as a p	thin a JDI	E Enterpris is process.	eOne Doma	ain manage	ed by Serv	ver Manaç	ger. All En	Cancel terpriseOne tar	<b>ОК</b> gets
* EnterpriseOne Domain Target Name										
	Name of target to be created	. (Server Ma	nager host will l	be appended if r	not already in t	he string prov	ided.)			
* Enterprise Manager Agent Host Machine	-				0		,			
Server Manager Host										
* Server Manager HTTP Port										
* Server Manager JMX Port										
* Server Manager Admin User										
* Server Manager Admin Password	Server Manager jde_admin U Server Manager jde_admin P	ser (This sho assword.	ould not be char	nged from the de	efault jde_admi	in user.)				
Manage Cloud Instances										
* Enterprise Manager User										
* Enterprise Manager Password										
* JDE Provisioning Tool Host Machine										
* SSH Private Key				,	UJ Private	pload Cr Key	100se File	No file c	hosen	
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Gateway Agent Host					2					
	Hybrid Cloud Gateway Agent	must be pre	-configured						Cancel	ок



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
- <sup>o</sup> 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:



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

	jer Clou	id Contro	ol 13c			Enterprise V	🔘 Iargets 🔻 🤺	Eavorites •	History • 🔅 Setup •	् 🌲	SYSMAN V	•••
dev_env1_den80203jems.us.or	acte a											
Oustom Menu ▼									Page Refreshed	May 20, 2016 12:10:5	0 AM GMT-07:00 🐧	0
⊿ General				ф	⊿ Status						ф	^
Owner SYSMAN					8 Members 🔀 1 👚 7							
Privilege Propagation Disabled					▲ (1) Most Affected Members (Last 24 Hours)							
A Overview of Incidents and Prot	hlems			ö	Name	Туре	Key Member	Status	Availability (%)			
				ede.	dentations_bssv_7022_dentations_bssv_route_com	۲		+	100		^	
Incidents					dentility and oracle.com [/slot/ems18765/appmgr/jde_agent/SCI	FHA] 🔘		X	n/a			
Updated in last 7 d	lays ()				AIS_7040_ oracle.com	۲		+	99.59			
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Category		8		<b>1</b>	dentilitieren un oracle.com [/slot/ems9920/oracle/jde_agent/SCFH	[A] 🔘		+	100			
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Others	-	-			EMCC ENT 6016 oracle.com	۲		+	100		· · ·	
Probleme					✓ Compliance Summary						¢	
Total O	pen ()				Compliance Standards Members							-
					View Trande							
✓ Jobs Activity				¢								
Summary of jobs whose start date is within the la	ast 7 day	s.			Via data ta diselari					AV	erage score	
Show Latest Run 🗸				>>	No data to display							
Show Jobs					Jependent Targets						¢	
					Name Type		Status Assoc	iation				
✓ Blackouts				¢	No dependent targets.							
Treate 🔻												
S	ubmitte	d to										~



## 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.

ttings



- **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:
  - Full Package Path Code
  - Response
  - Scheduled Job Status

### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

	nager Cloud Control 13	C	Enterprise V 🔘 Iarg	gets ▼ ★ Eavorites ▼	History ▼ Setup ▼	🔍 🌲 SYSMA	N <b>v</b>
🏶 jde							
Oracle Database ▼					Page F	Refreshed	Ð
jde > All Metrics							
All Metrics							255
Search	Overview						346
View View	I Open Metric Ev	ents		Metric Collection Erro	irs		
⊿ JDE		0	O Critical		0		Q
Full Package Path Code     Response		Open Alerts	0 Warning		Metric Collection Errors		
Scheduled Job Status	Important Metri No metric is added to i     Deployed Metri	ic charts target overview. You can addiremove c Extensions	any additional metrics by clicking the op	View l	Data Last 24 Hours V	Auto Refresh Oft v	
	• View • Undeplo	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 Full Package Path Code node.

	anager Cloud Control 13c		Enterprise V	<u>Iargets</u> ▼	★ Eavorites ▼	History <b>•</b>	Setup 🔻	् 🌲	SYSMAN V	
🔅 jde_pispidedtaliti _pispide	db929.compute-emer	aujdena2.0 Oracle Cloud 🗅 👔							140.86.1	13.118
Oracle Database							Page Re	freshed Oct 5, 2	016 6:13:05 AM GMT 🕇	U
jde_pkp;texts929_pkp;texts929.compute-e	meaaujdega2 oraclectoud interna	I > All Metrics								
All Metrics									1	-
Search	Full Package Path Code								1	şçr
View 🔻 👬 🏥	Collection Schedule Every 6	D Minutes 💉							l(	
▲ jde_pippiem929_pippiem929 cor	Upload Interval Every C	ollection							Ģ	Q
Full Package Path Code	Package Path	Full Deckares Messee								
Response     Scheduled Job Status	Code	Full Packages Message								
p conclusion contact	No Data Found									
	♂ 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 an example of the metrics shown when you click the Full Package subnode of the Full Package Path Code node.

	anager Cloud Control 13c	Enterprise	▼ ⊚ <u>T</u> argets ▼	★ Eavorites ▼	History • Setup •	SYSMAN	•
ide_pkpjdedb828_pkpjde	O Oracle Cloud 🌥 🚯					<b>≣</b> 1	140.86.13.118
⑥ Oracle Database ▼					Page R	efreshed Oct 5, 2016 6:16:12 AM	смт 🖒
jde_platendidit_platendidit computer	al > All Metrics						
All Metrics				View Da	ta Last 24 Hours 🔻	Auto Refresh Ofl *	404
Search Q	Full Packages						
View 🔻 👬 🎁 🔁	Package Path Code Average Value	Low Value	High Value Last	Known Value Current Sever	ity Alert Triggered	Last Collection Timestamp	
▲ jde_pig_terminititi_pig_terminititie con	No data to display.						•
▲ Full Package Path Code							
Full Packages							
Response							
Scheduled Job Status							
	•						
	Select row to see details						
< >>							



# 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
- o Administrator's Guide for Software and Server Provisioning and Patching
- o 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*.



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

ORACLE Enterprise Manager Cloud Control 13c

```
Largerts V 🔘 Iargets V 🌪 Eavorites V 🕑 History V 🔅 Setup V 🔍 🌲 SYSMAN V ....
```

### 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 Learn More Monitoring during maintenance periods Oracle Documentation Oracle Learning Library Improved SOA management Oracle University Courses Quick resolution for all events types using corrective actions View all the features Getting Started Verify Software Library Setup Configure Management Agent Proxies Verify My Oracle Support Connectivity 110 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.

traditional and cloud environments, allowing customers to achieve unprecedented enciency gains while dramatically increasing service levels.

#### 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.



# 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.

O Targets ▼	★ <u>F</u> avorites ▼	Hist	t <u>o</u> ry ▼	<b>Ö</b> <u>S</u> e	tup 🔻
All Targets	Ctrl+Shift+	т			
Groups		fresh	Off	•	Page
Systems					
Services					
Hosts					
Databases					
Middleware					
Business Applica	ations				
Composite Appli	cations				


## 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.

	<b>ELE</b> ' Enterprise Manage	r Cloud Control 13c		<u>E</u> nterpr	ise 🔻 🗌 <u>T</u> argets 🔻 🔺	' <u>F</u> avo	orites • 🕒 Hist <u>o</u> r	y <b>v</b>	Ф	<u>S</u> etup	•	0	<u>ب</u>	SY	SMAN	•
Systems							Auto Refresh Of		~	Page	Refre	shed				÷t
A system is a c	collection of related manageable entiti	es which together provide one or	more business functions. Members of any system can have	well-defined relation	nships amongst themselves, called	assoc	iations.									
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Search A		Name	Advanced Search													
Sav	e															
View ▼	+ Add V Edit X Remov	/e														
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Marrie	Exalytics System			Propagation	Type	3	a members	÷	t	Þ	X	1/A 🖸	•	8		
▶ /EM	Generic System Identity and Access System			*	Oracle WebLogic Domain	n.	Application Deployment, (6)	-	13		-	9 -		-	-	- 1
/EM(	JDE EnterpriseOne Domain Oracle Exalogic			4	Oracle WebLogic Cluster	1	Application Deployment, (2) Clust Applic Deployment, Deployment, (2)	-	5					-	-	
▶ /EM0	Oracle Public Cloud Machine Redundancy System	bipublisher(11.1.1)		*	Clustered Application Deploymen	t <b>1</b>	Application Deployment (1)	-	1	-	-		-	-	-	•
► /EMG	BC_GCDomain/GCDomain/BIP_cluste	er/ESSAPP		*	Clustered Application Deploymen	t <b>1</b>	Application Deployment (1)	-	1	-	-		-	-	-	
/EMG	GC_GCDomain/GCDomain/BIP/bipubl	isher(11.1.1)		×	Application Deployment	1		-	-	-	-		-	-	-	
/EMG	C_GCDomain/GCDomain/BIP/ESSA	PP		~	Application Deployment	1		-	-	-	-		-	-	-	-



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

• 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**. • Server Manager Host

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

• 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.

Server Manager JMX Port

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

• 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.

• 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

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.

• 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**.



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

ORACLE Enterprise Manager Cloud Control 13c 🗿 Iargets 🔻 🔞 Iargets 🔻 🖕 Eavorites 🔻 🕒 History 🔻 🔅 Setup 🔻 🔍 🌲 SYSMAN 🔻 🚥

Add JDE EnterpriseOne Domain Enter required parameters needed to discover all targets with	nin a JDE EnterpriseOne Domain managed by Server	Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this proce	Cancel	ОК
* EnterpriseOne Domain Target Name	dev_env			
* Enterprise Manager Agent Host Machine	Name of target to be created. (Server Manager host will be appended if no denix01	t already in the string provided.)		
* Server Manager Host	blurrthistext.us.oracle.com			
* Server Manager HTTP Port	8999			
* Server Manager JMX Port	14501			
* Server Manager Admin User	jde_admin			
* Server Manager Admin Password	Server Manager jde_admin User (This should not be changed from the de	lauti (de.,admin user.)		
* TLS Version of Server Manager	TLSv1.2 ¢			
* Truststore Location	nt_Home>/oracle_common/jdk/jre/lib/security/cacerts	]		
* Truststore Password	Truststore location where Server Manager's certificate in installed.			
* Truststore Type	JKS			
Manage Cloud Instances	Default Truststore type is JKS.		Cancel	ок

**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:



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

ORACLE Enterprise Manager Cloud Control 13c	History 🔻 🏟 Setup 🔻 🔍 🌲 SYSMAN 🕶 🚥
dev_arret_developitions.us.oracia.com 0	
Custom Menu	Page Refreshed May 20, 2016 12:10:50 AM GMT-07:00 🕥
🖌 General 🔅 🖌 Status	\$ ^
Owner SYSMAN 8 Members 🔀 1 👚 7	
Privilege Propagation Disabled al 🕼 Most Affected Members (Last 24 Hours)	
Overview of Incidents and Problems 35 Name Type Key Member Status	Availability (%)
bssv_7022 macle com	100
Incidents oracle.com [/slottems18765/sppmgrijde_sgent/SCFHA]	n/a
Updated in last 7 days 0 and AIS_7040 anscle.com	99.59
Breakdown of incidents updated in the last 7 days	100
Category 😌 😵 🛆 🏲	100
Availability bssy_7020_ oracle.com	100
Performance Or Statute statute com (/slottens/95/20/oracle/Middleware/ide_home )	100
Security EMCC ENT 6016 oracle.com (e)	100
Compliance Summary	ö
Problems	
Total Open U Compliance Standards Members	
└∽ View Trends	
Jobs Activity Compliance Standard	Average Score
Summary of jobs whose start date is within the last 7 days. No data to display	
Show Latest Run 🗸 🚿	
Dependent Targets	0
Name Type Status Association	
▲ Blackouts 小 A Bependent targets.	
Create 🔻	
Submitted to	~



**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:

ORACLE' Enterprise Manager Cloud Control 13c	Enterp	orise 🔻 🔘 Iargets 🔹 🌟	Eavorites • 🕒 History	•	<b>Ö</b> 20	tup 🔻	0	۰	SYS	SMAN	
Systems			Auto Refresh Off		V F	age Re	freshed M	ay 20, 21	016 12:25	:18 AM	POT ()
A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defin	d relationships among	t themselves, called associations.			_						
∡ Search									Save	d Searc	hes 🔻
Search All Name Q Advanced Search											
Save											
View ▼ + Add ▼ / Edit X Remove											
Name	Privilege	Туре	Stz Members	Men	nber St	atus S	ummary		Incid	dents	
	Propagation	.,,,,,		+ '	t /	* X	N/A 🖸	•	0		•
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	×	Application Deployment	1		• •	1		-	•	•	• ^
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	~	Application Deployment	Ť			-			-	-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/ymdengine(13.2.1.0.0)	×	Application Deployment	1			-			-	-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	~	Application Deployment	<b>†</b>			-			-	-	
/EMGC_GCDomain/GCDomain/empbs	~	Domain Application Deployment	n Application Deployment (1)	+	1 -	-		-	-	•	÷.,
/EMGC_GCDomain/EGCDomain/ESSAPP	~	Domain Application Deployment	n Application Deployment, (1) Cluste Applic Deploy (1)		2.						
/EMGC_GCDomain/GCDomain/ymdengine#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_de		JDE EnterpriseOne Domain	n EnterpriseOne Managed Home (3)		7.	1			•		
			Application								

Jonannia milden 1



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

ORACLE <sup>®</sup> Enterprise Manager Cloud Control 13c		Enterprise V	<u> </u>	★ <u>F</u> avorites ▼	History *	Setup -	् 🌢	SYSMAN	•
jde_tls2_den00gyf.us.oracle.com ()									
Oustom Menu *						Page Refres	hed Oct 12, 2020	3:19:16 AM GMT	06:00 🖒
Monitoring Configuration								ок	Cancel
* 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	4.0.0.0/oracle_commo	n/jdk/jre/l						
EM Agent trust store Password									
EM Agent trust store type	JKS								

#### 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.



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

Cloud Control 13c	Enterpri	se • 🔘 Iargets •	🚖 Eavorites 🔹 🕒 Histor	y 🕶	Ö s	etup 🔻	0		s s	YSMAN	•
vstems			Auto Refresh Of		~	Page R	efreshed				t
ystem 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	š.								
Search     All     Name     Advanced Search     Save									Sav	ed Sea	.ches ▼
iew ▼ + Add ▼ / Edit X Remove				Mer	nher S	Status	Summa	ITV	Inc	ridents	
Name	Privilege Propagation	Туре	Sta Members	+	1	r 🛛	N/A		•		
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	~	Application Deployment	1	-	-		-	-			
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	~	Application Deployment	1	-			-	-		-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	~	Application Deployment	<b>†</b>	-	-		-	-		-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	~	Application Deployment	<b>†</b>	-			-	-		-	
/EMGC_GCDomain/GCDomain/empbs	~	Domain Application Deployme	ent n Application Deployment (1)	-	1		-	-		-	
/EMGC_GCDomain/GCDomain/ESSAPP	~	Domain Application Deployme	ent n Application Deployment, Clust Appli (1) (1)		2		-	-			•
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	~	Domain Application Deployme	ent n Application Deployment (1)	-	1		-	-		-	•
/EMGC_GCDomain/GCDomain/OCMRepeater	~	Domain Application Deployme	ent n Application Deployment (1)	-	1					-	
Cloud		Cloud	n	-			-	-			
dev_env		JDE EnterpriseOne Domain	n EnterpriseOne Bu Managed Home (3) Se	-	7	- 1	-				



**3.** 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).

	terprise Manag	er Clo	ud Co	ontrol 13	c		Enterprise V		Eavorite	•	History 🔻	🔆 Setup 🗸	0		SYSMAN -	
O Custom Menu ▼				0								Help Welco	me Page			ť
General Owner S Privilege Propagation D	YSMAN isabled				φ	Status     8 Members X 1 1 7						Notific Entitle Set Cu Persor	ation Cente ment Sumr irrent Page nalize Page	ar nary as My Homi a	8	ן ב
4 Overview of Incid	lants and Brok	lome			ata.	Name		Туре	Key Member	Status	Availat	il Enterp	rise Manag	ger Password	1 & Email	
= Overview of filcia	ients and From	leilis			244	den60203jems_jas		۲		+		Prefer	ences			•
Incidents								۲		X		About	Enterprise	Manager		
Upo	dated in last 7 days	0						۲		1		Log O				
Breakdown of incidents up	dated in the last 7	lays	-					0		+		100				_
Category	e		8	Δ				۲		+		100				
Availability	-		-	-				0		+		100				
Performance	-		-	-				0		+		100				
Security	-		-	-	-							100				~
Others	-		-	-	-			(197)				100				
Problems	Total Oper	0				Compliance Summary     Compliance Standards     Members									4	ŧ



# 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.

ev_env			3	
🗩 Custom Menu 👻				
Home				
Open the home page in a new window.				10
Monitoring	•			
Control	•			
Job Activity	b	ems		¢
Information Publisher Reports				
Members		Show All		
Refresh Discovery		Topology		
Server Manager		Dashboard		
Configuration	►	Operations		-
Compliance	•	History		-
Target Setup	•	-	-	-
Target Sitemap				
	- I	_		

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



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

ORACLE' Enterprise Manager Cloud Control 13c	Enterprise V	<u> </u>	★ Eavorites ▼	History •	Setup 🔻	0	<u>ب</u>	SYSMAN -	
dev_env1_development oracle.com 3									
O Custom Menu ▼									
Members									
View © All Members O Direct Members Indirect Members Search All V Go				F	age Refreshed May	20, 2016	1:05:44	AM GMT-07:00 (	ر ×t
Name 📥	Туре		Status					Incidents	;
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home		<b>†</b>					0 0	0
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home		<b>†</b>					0 0	0
AIS_7040	EnterpriseOne Application Interface Services		+					0 0	0
bssv_7020	EnterpriseOne Business Services Server		1					0 0	0
bssv_7022ems	EnterpriseOne Business Services Server		+					0 0	0
jas_8020	EnterpriseOne HTML Server		1					0 0	0
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home		X					0 0	0
EMCC_ENT_6016	EnterpriseOne Enterprise Server		1					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.

	e Manager Cloud Control 13c
	6
💿 Custom Menu 🔻	
Home	
Open the home page in a new wind	low.
Monitoring	•
Control	•
Job Activity	olems 🌼
Information Publisher Reports	
Members	▶ ₅ 0
Refresh Discovery	days
Server Manager	
Configuration	>
Compliance	• · · · ·
Target Setup	▶ <u> </u>
Target Sitemap	
Target Information	• O



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

ORACLE	Enterprise Manager Cloud Control 13c	
dev_env	0	
Oustom Menu ▼		
Warning	ternriseOne Domain tarret dev. env1. Would vou like to refresh EnternriseOne tarrete?	
Renesting the JDE I	No Yes	

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

ORACLE <sup>®</sup> Enterprise Mar	ager	Cloud Co	ontrol 13	ic
⊙ Custom Menu 🔻				
Home				
Open the home page in a new window.				200
Monitoring	•			
Control	•			
Job Activity	s			\$
Information Publisher Reports				
Members	•	Show A		
Refresh Discovery		Topolog	уу	-
Server Manager		Dashbo	ard	•
Configuration	•	Operati	ons	-
Compliance	•	History		-
Target Setup	•	-	-	-
Target Sitemap				
Target Information		0		



			6
🗩 Custom Menu 🔻			
Home		*	4 64-
Open the home page in a new window.		246	_ Sta
Monitoring	•		
Control			<b>▲</b> (i)
Job Activity	s	<b>\$</b>	Name
Information Publisher Reports			dnvmt
Members		0	dnvmt
Defect Discourse		U	dnvmt
Refresh Discovery			dnvmt
Server Manager		• <u> </u>	den00
Configuration	►	Last Collected	nt
Compliance	•	Comparison & Drift Manage	ment
Target Setup	•	Compare	nt
Target Sitemap	-	Search	o
Target Information		Search	
-		HISTORY	
A John Antivity		Save	l
Summary of jobs whose start date is within the		Saved	
Summary or jobs whose start date is within th		Topology	

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



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

ORACLE' Enterprise Manager Cloud Control 13C



### 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.

ORACLE <sup>®</sup> Enterprise Mar	nager	Cloud Control 13	Bc
💿 Custom Menu 🔻			
Home			- 44
Open the home page in a new window.			ţ.
Monitoring	Þ		
Control	•		
Job Activity	s		¢
Information Publisher Reports			
Members	•	Show All	
Refresh Discovery		Topology	
Server Manager		Dashboard	
Configuration	•	Operations	
Compliance	•	History	-
Target Setup	Þ		-
Target Sitemap			
Target Information		0	

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

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

ORACLE' Enterprise Manager Clo	oud Control 1	3c			Enterprise 🔻	<u> </u>	★• (	D• 🕻	ġ⊦ •	0		S	YSMAN	•		
		0													~	
Oustom Menu ▼																
JDE EnterpriseOne Domain: EONE_SM						Page Refresher	l.			Sto	p Auto	Refres	h 📕 (	Custon	nize	
▲ Member Targets (8)																
					Target Type Stat					Incidents				Compliance		
Name							Status		•	8	Δ	-	8		,	
bssv_7020					EnterpriseO	ne Business Servio	1		1	-		-	-		~	
EMCC_ENT_6016				EnterpriseOne Enterprise Server		er 1 🕇	-			-	-	-				
[/slot/ems18765/appmgr/jde_agent/SCFHA]				EnterpriseOne Managed Home		e 11		-	-	-	-	-				
jas_8020				EnterpriseOne HTML Server		1 👚		-	-			+				
bssv_7022					EnterpriseO	ne Business Servio	···· 1 <b>†</b>	· 11 -			-	-	-			
AIS_7040					EnterpriseO	ne Application Inte	r 1🛧		-	-	-	-	-		~	
					EnterpriseO	ine Managed Home	1 🛧		-	-		-	-			
Incidents and Problems																
Actions view Category All	Acknowl	edge 🛛 🗾 Clear	. 🕒 1 😣 🛆 0	0 -												
Summary	Severity	Status	Escalation Level	Туре		Time ▲ ▼ Since Last Update	Target Name	Last (	Last Comment							
The Business Services Server instance is down	•	New	No	Incident	cident 7 days 22 hours den60203jems (Incident created by rule (Name = Inciden management rule set for all targets, Incid rule for a Target Down availability status   generated rule]). o uno, 2016 11:03:0			dent icident ius [Sy: J3:02 P	creatio stem M PDT	n						
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.

	nag	er	Cloud Co	ontrol 13	Bc		
💿 Custom Menu 🔻							
Home							
Open the home page in a new window.					5 <u>5</u> 5		
Monitoring	•	·					
Control	•	·					
Job Activity		s			\$		
Information Publisher Reports							
Members	•	·	0				
Refresh Discovery		ay	/s		-		
Server Manager		1	8		•		
Configuration	•	-	-	-	-		
Compliance	•	ŀ	-	-	-		
Target Setup		Monitoring Configuration					
Target Sitemap			Adminis	strator Ac	cess		
Target Information			Remov	e Target			
			Add to (	Group			
Jobs Activity	the		Propert	ies			

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	<u>E</u> nterprise ▼	<u>     Targets</u> ▼	<b>★</b> • ⊡	• Ø•	🔍 🌲 🛛 SYSMAN 🔻 🚥
	0					
(◎) Custom Menu ▼					Page Refreshed	0
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 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 <code>jde.ini</code> and <code>jas.ini</code>. 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.

	ger Cloud Control 13c
<b>†</b>	
O EnterpriseOne HTML Server ▼	
Home	
Open the home page in a new window.	
Monitoring •	<b>∡</b>
Diagnostics >	
Control	3020
Job Activity	
Information Publisher Reports	
Configuration >	Latest
Compliance •	Comparison & Drift Management
Target Setup	Compare
Target Sitemap	Search
Target Information	History
▲ Incidents	Save
View   Category All	Saved
Summary	Topology

Cloud Control displays the latest configuration for the selected Target.



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

	ger Cloud Control	3c 🔂 Enterprise * 🔘 Iargets * 🌪 Eavorites * 🕒 History * 🏟 Setup * 🔍 🌲 SYSMAN *
<b>†</b>		
EnterpriseOne HTML Server		Page Refreshed PDT 👌
Latest Configuration C Refresh	1 Configuration F	aport
▲ () JDE EnterpriseOne Configuration	Configuration Char Configuration Prop	tes 1 rites Immediate Relationship Member Of Uses Used By
	Last collected at	
	View ▼ ⊥ E	φort Export CSV and a Detach
	Property Name	Property Value
	Agent Host Name	
	Instance Name	E1_JASC1
	JMX Port	17086
	JDE Home	/scratch/de_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.



ORACLE <sup>®</sup> Enterprise Manager Cloud Control	l 13c	Enterprise V	<u> </u>	★ <u>F</u> avorites ▼	History *	Setup 🔻	Q. 1	SYSMAN -
Ť	0							
enterpriseOne Enterprise Server						Page F	Refreshed	PDT 🖒
Latest Configuration 🕲 Refresh 📩 Configuration	Report							
Configuration Cf     Configuration Pr	anges 1 perties Immediate Relationship Member	[C:	\ent_agent\S	CFHA] 🔅 Actions	Ŧ			
Last collected a View v	t Export 🛧 Export CSV 📄 Detach		,					
Property Name	Property Value							
Agent Host Nam								
Instance Name								
JMX Port	14501							
JDE Home	C:\ent_agent\SCFHA							
Management Server Name								
TLS Version	TLSv1.2							
TrustStore	/scratch/EM13_4/agent/agent_13.4.0.0.0/oracle_common/jdk/jre/lib/security/cacerts							
TrustStore TYPE	JKS							
Operating System	n Linux							
Platform	x86_64							



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.

ORACLE' Enterprise Manager Cloud Control	ol 13c		Enterprise V	<u> </u>	*	Ŀ۰	<b>☆</b> -	0	<b>.</b>	SYSMAN V
↑ JAS_0205_21050oracle.co	m 🔁									der Higgs un analis and
(● EnterpriseOne HTML Server ▼						0	Page Ref	freshed May	30, 2016	5:50:03 AM GMT 👈
Latest Configuration C Refresh	Report									
OJAS_0205_21050racle.com     JDE EnterpriseOne Configuration	JDE Enterprise	eOne Configura	ition 🎄 Actions	•						
	Configuration File	Name 🗸	]							
			-	Search	Reset 🕂	Add				
	Configuration Pro	operties								
	Last collected at View ▼ 1	t May 28, 2016 8:47 Export 🗐 Detao	:07 PM ch							
	Configuration File Name	Section Name	Configuration Entry Name	Configuration E	ntry 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.b	ase.util.encr	yption.XOI	RDecoder			
	jas.ini	OWWEB	pollServerForPu	true						
	jas.ini	OWWEB	pollServerInterval	3000						
	jas.ini	OWWEB	snowERExcepti	taise						~
	jas.iii	OWWED	usercoler nerarchy	uue						
										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).



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

			~		•		1-	
EMCC_ENT_6016								
EnterpriseOne Enterprise Server 🔻						Page Refre	shed	
me Performance								
A General	⊿ User Count							
Status     Up∲       Instance Name     EMCC_ENT_6016       Operating System     Linux       Platform     x88_64	1.2 1.0 0.8 0.6 0.4							
JDE Home /slot/ems9920/oracle/Middleware/jde_home_1/SCFMC Management Server Name JMX Port 16521	0.2 0.0 03:00 AM 05:00 07:00 09:00 May 23 2016	11:00 01:00	M 03:00	05:00	07:00 09:00	11:0	0 01: 24	:00 AM
Incidents	<							*
View   Category All  Category		Tar	get Severity	Status	Escalation	Туре		Time Since La
					Level			opdate
no matching incluents of problems tound.							Updated days	in the last 31
Columns Hidden 14								
No maching including of problems found. Columns Hidden 14 Mest Incidents View  Category All  O O O 1								ţ
No maching includents of proceeds tound. Columns Hidden 14 ▲ Host Incidents View ▼ Category All ♥ ♥ ♥ ♥ ♥ ↓ ♥ 0 Summary		Tar	get Severity	Status	Escalation Level	Туре		Time Since Las Update
No maching includents of proceeds tound. Columns Hidden 14 ▲ Host Incidents View ▼ Category All ♥ ●0 ⊗0 ▲1 №0 Summary CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold.		Tar	get Severity	Status New	Escalation Level	Type Incident		Time Since Las Update 0 days 0 hours

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

Cloud Control 13c		Enterprise V	Largets	<b>•</b>	Eavorites •	History V	Setup V	<b>∼</b>	STSMAN
terpriseOne HTML Server 🔻							Page Refre	eshed	
Performance									
General	▲ User Count								
Status Up	1.2								
Instance Name	1.0								
Operating System Linux	0.6								
Platform x86_64	0.4								
JDE Home /slot/ems9920/oracle/Middleware/jde_home_1/SCFMC	0.2								
Management Server Name	02:01 AM 02:02 02:03 02:04 May 24 2016	02:05 02:06	02:07	02:08	02:09 0	2:10 02:11	02:12 02	:13 02:14	02:15
JMX Port 16521	4		Total U	Jser Count					•
лй	4								Table Viev
Incidents									÷¢
view ▼ Category All ♥ ⊖0 😣0 🚣0 🏲 0									
Summary			Target	Severity	Status	Escalation Level	Туре	Time S Updat	Since Last e
o matching incidents or problems found.									
Columns Hidden 14								days	ast 31
Host Incidents									40
view ▼ Category All ♥ ●0 😵0 🚣1 №0									
Summary			Target	Severity	Status	Escalation Level	Туре	Tim Upo	ie Since Las Jate
CPU Utilization is 90.007%, crossed warning (80) or critical (95) threshold.				Δ	New	-	Incident	0 da	ays 0 hours

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

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

ORACLE Enterprise Manager Cloud Control 13c		Enterprise • 🔘 Iargets • 🛉 Eavorites • 🕒 Hist <u>or</u> y • 🔅	Setup • 🔍 🌲 SYSMAN • …
TEMCC_ENT_6016			8
InterpriseOne Enterprise Server •			Page Refreshed
Home Performance			
Instance Level CPU	✓ Instance Level Memory		
1.0	3.0		
0.8	2.5		
0.5	2.0		
0.4	1.0		
0.2	0.5		
0.0 10:00 PM 02:00 AM 06:00 10:00 02:00 PM 06:00 May 19 2016	0.0 04:00 PM 06:00 08:00 10:00 12:00 AM May 21 2016 22	02:00 04:00 06:00 08:00 10:00	12:00 PM 02:00
• • • • • • • • • • • • • • • • • • • •	•		•
Instance-Level CPU (%)		Instance-Level Memory (MB)	Table Marrie
Table View	<		Table ∨iew



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

ORACLE' Enterprise Manager Cloud Control 13c	Enterprise •	<u> </u>	Eavorites • Histo	ary • 🔅 Setup •	SYSMAN V
<b>↑</b> jas_8020					Ē
				Page Refresher	Ð
Home Performance					
A Call Object Kernel Average Execute Time 🕸 A Java Hea	p				
300 250 200 150 100 50 200M	MMM	$\mathcal{N}$	MM	MM	$\mathcal{M}$
50 01:00 AM 05:00 11:00 04:00 PM 09:00 24 May 23 16	4 03:00 05:00 07:00 23 16	09:00 11:00	01:00 PM 03:00	05:00 07:00 09:00	11:00 24
CallObi Ava Time			ava Hean		
Table View		-			Table View
CallObj Timeout Errors					

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.



JD Edwards EnterpriseOne

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ORACLE' Enterprise Manager Cloud Control 13c				•	*	<b>•</b>	<b>₽</b> -	0	Ļ	s	SYSMAN V		
AIS_BUILD													
InterpriseOne Application Interface Services ▼									Page R	efreshed			
Summary	Incidents and Problems												
Status	View <b>v</b>				ted targets	~	Catego	y All	~	00	80	<u>^</u> 0	• 0
Up Since	Summary			Target	Severity	Status	Status Es			Туре		Time Since Last Update	
No matching incidents or problems found.													
	Columns Hidden 14 Updated in the last 31 days						ne last 31						

## 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.

ORACLE Enterprise Manager Cloud Control 13c						
<b>↑</b> ENT						
Home Ø Open the home page in a new window.						
Monitoring	•	All Metrics				
Diagnostics	•	Metric and Collection Settings				
Control	•	Metric Collection Errors				
Job Activity		Status History				
Information Publisher Reports		Incident Manager				
Configuration	•	Alert History				
Compliance	•	Blackouts and Brownouts				
Target Setup	•					
Target Sitemap		Message				
Target Information						



- **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 CPU % Used by All Kernels
  - Enterprise Server Process Manager
  - JDE Enterprise Server Log Monitor (Release 9.2.1 Update)
  - 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


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						-	
ENT							
EnterpriseOne Enterprise Server 🔻					Page Refr	eshed	4
20_RS_ENT> All Metrics							
All Metrics							8
Search	Overview						
View View	A Open Metric Even	ents			Collection Errors		6
4 920 RS ENT			0		0		3
Average CPU % Used by all Kernels	0		Critical		U		
Enterprise Server Process Manager	Open Ale	rts	Warning		Metric Collection Errors		
Kernel Process							
Kernel Thread	Important Metric	c charts		View Data Last	24 Hours 🔻	Auto Refresh Ofl V	
Network Process	No metric is added to ta	arget overview. Yo	u can add/remove ar	nv additional metrics	by clicking the options m	enu of metric value history.	
Response		0			, , ,		
Total JDB Table Cache Count	A Deployed Metric	Extensions					
Total JDE Cache		, Extensions					
Total Number of DB Connections	View View	y Upgrade					
	Name	Display Name	Runs On	Version	Description	Is Latest	
<ul> <li>Total Number of Incoming Network Connections</li> </ul>							
Total Number of Incoming Network Connections     Total Number of Outstanding Requests	No data to display.						
Total Number of De Connections     Total Number of Incoming Network Connections     Total Number of Outstanding Requests     Total Number of Users	No data to display.					•	



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.

ORACLE' Enterprise Manager Cloud Contr	••	<b>★</b> ▼ 🕒 🖁	<b>‡</b> - <	SYSMAN	-	
<b>1</b> 920_RS_ENT						
EnterpriseOne Enterprise Server ▼				Page Refreshed		Ð
920_RS_ENT > All Metrics						
All Metrics						**
Search	Average CPU % Used by all Kernels					**
View - T to to	Collection Schedule Every 15 Minutes 💉					
	Upload Interval Every Collection					6
Average CDI % lised by all Kernels	Last Upload					
Average CPU %	Metric	Thresholds	Real Time Value			
Enterprise Server Process Manager	Average CPU %	Not Set	0.06			
Kernel Process	C Data shown in above table is collected in real time					
Kernel Thread	Data shown in above table is conceled in rear and.					
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.						



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.

ORACLE' Enterprise Manager Cloud Control 13c							
<b>1</b> jas_8020							
EnterpriseOne HTML Server							
Home							
Open the home page in a new window.							
Monitoring	•	All Metrics					
Diagnostics	Þ	Metric and Collection Settings					
Control	►	Metric Collection Errors					
Job Activity		Status History					
Information Publisher Reports		Incident Manager					
Configuration	►	Alert History					
Compliance	►	Blackouts					
Target Setup	۰Ì						
Target Sitemap							
Target Information							



- **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)
  - JDENET Connection Manager
  - o 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



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

ORACLE' Enterprise Manager Cloud Cont		Enterprise 🔻	<u> </u>	★ Eavorites ▼	→ History ▼	Setup 🔻	Q. 1	SYSM	AN 🔻 🚥			
<b>1</b> 915bip											8	
enterpriseOne HTML Server ▼									Page R	efreshed		Ð
915bip> All Metrics												
All Metrics												25
Search	Overview											344
View - = TE E	🛋 Open	Metric Ev	/ents			⊿ Metric	c Collection Errors	5				
▲ 915bip			•		0			Δ				
Average Execution Time			U		Critical			U				
Cache Group			Open Alerts		Warning			Metric Collection Er	rors			
Call Object (BSFN) Stats												
Current number of open applications (All Users)	⊿ Impor	ant Metr	ic charts				View	Data Last 24 Ho	urs 🔻	Auto Refre	esh Ofi ▼	
Database Datasource	No metric i	added to	target overview. You o	can add/remove any	additional metrics by clicking t	the ontions menu o	f metric value history	,				
General System Info and Uptime	Nometrici	auteu to	target overview. Tou c	can addreniove any	additional metrics by clicking	the options menu o	interne value history					
JDB Service Cache												
JDBj Cached Prepared Statement	I Deplo	yed Metr	ic Extensions									
JDBj Connection Manager	View 🔻	Undepl	by Upgrade									
JDBj Connection Pool	Name		Display Name	Runs On	Version Descriptio	n				ls	Latest	
JDBj Pooled Connection	No data to	display.										
JDENET Connection Manager	Columns	Hidden	2									
JDENET Connection Pool Socket												
JDENET Host/Port Connection Pool												
Java Heap Memory Used												
Response												
► Total Number of System Errors												



4. 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.

ORACLE Enterprise Manager Cloud Cor	ntrol 1	3c						Enterpris	e 🔻	<u> </u>	1	Eavorites	• (	History	•	Setup 🔻	(	0	<b>.</b>	SYSMA	N <b>v</b>
🕈 915bip																					
InterpriseOne HTML Server ▼																Page I	Refres	hed			t
915bip> All Metrics																					
All Metrics																					**
Search	Ov	erview																			244
View - III fill		d Open	Metric	Events						.⊿ Metrie	ic Colle	ection Err	rors								
4 915bin					•			0						Δ							6
Average Execution Time					U			Critical						U							-
Cache Group				c	pen Alerts			Warning					Me	tric Collectio	n Errors						
Call Object (BSFN) Stats																					
Application Errors	1.	≰ Impor	tant Me	tric ch	arts							Vie	ew Data	a Last 24	Hours	٠	A	uto Ref	fresh	Dfi ▼	
Average Time	N	o metric i	s added t	o targel	overview.	You can add/re	move any a	Iditional metrics by clic	kina ti	he options menu o	of metri	c value his	tory.								
First Time		ometrici	Juducu	otarge	orennem.	rou cun uuune	more any a	and on an inclusion by circ	King u	ie options menu e	ormeur	e ruide ma	tory.								
Longest Time																					
Shortest Time	11	и реріо	уеа ме	INC EX	tensions																
System Errors		View <b>v</b>	Unde	oloy	Upgrade																
Timeout Errors		Name		Dis	play Name	Runs On		Version Descr	iptior	n								b	s Lates	t	
Total Invocations	P	lo data to	display.																		
Total Time		Columns	Hidden	2																	
Current number of open applications (All Users)																					
Database Datasource																					
General System Info and Uptime																					
JDB Service Cache																					
JDBj Cached Prepared Statement																					



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.

ORACLE' Enterprise Manager Cloud Control 13	с			Enterprise •	v <u>⊚ T</u> argets ▼	★ <u>F</u> avorites ▼	History •	Setup 🔻	🔍 🌲 SYSN	1AN 🔻 🚥
1915bip										
InterpriseOne HTML Server ▼								Page R	efreshed	Ð
915bip > All Metrics										
All Metrics						Vie	w Data Last 24 H	iours 🔻	Auto Refresh Of 🔻	-
Search Q App	lication Errors									240
View - TE T	JVM Node Id	Enterprise Server	Business Function Name	Average Value Low Value	High Value L	ast Known Value Curren	t Severity Alert	Triggered	Last Collection Timestamp	
▲ 915bip 🔺 No d	data to display.									
Average Execution Time										
Cache Group										
Call Object (BSFN) Stats										
Application Errors										
Average Time										
First Time										
Longest Time										
Shortest Time										
System Errors										
Timeout Errors										
Total Invocations 4										- F
Total Time Sol	loct row to coo data	ile								
Current number of open applications (All Users)	lectrow to see deta									
Database Datasource										
General System Info and Uptime										
JDB Service Cache										
JDBj Cached Prepared Statement										



### 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.

ORACLE <sup>®</sup> Enterprise Ma	anage	r Cloud Cont	trol 13c
EnterpriseOne Application Interface Server	vices 🔻		
Home			ncidents and Probl
Open the home page in a new window.		-	
Monitoring	Þ	All Metrics	· · · · · · · · · · · · · · · · · · ·
Diagnostics	►	Metric and (	Collection Settings
Control	►	Metric Colle	ection Errors
Job Activity		Status Histo	ory
Information Publisher Reports		Incident Ma	nager
Configuration	►	Alert History	4
Compliance	►	Blackouts	
Target Setup	•		
Target Sitemap			
Target Information			

- **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

		•	•	*	<b>•</b> •	<b>☆</b> -	् 🌢	SYSI	MAN 🔻 🚥				
AIS_BUILD													
EnterpriseOne Application Interface Se	rvices 🔻									Page Refr	eshed		U
AIS_BUILD > All Metrics													
All Metrics	Overview												<b>‡</b>
View View Alts_BUILD	⊿ Open	Metric Ever	its	Oritical	^	4	Metric Co	ollection E	Errors				
<ul> <li>General System Info</li> <li>Java Heap Memory Used</li> <li>Resoonse</li> </ul>		Open A	lerts	0 Warning	~			Me	etric Collection	on Errors			
Total Number of Users     Other collected items.	▲ Impor No metric i	tant Metric s added to ta	charts get overview. Yo	ou can add/remove a	any additional met	rics b	View Da	ta Last 24	4 Hours menu of m	etric value	Auto Refres	sh Off 🗸	
	🔺 Deplo	yed Metric I	Extensions										
	, View ▼	Undeploy	Upgrade										
	No data to Columns	display. Hidden 2	Display Name	Runs On	Versio	on D	Description				IS L	atest	



**4.** 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.

	lanager Cloud Control 13c		SYSMAN -	-					
AIS_BUILD				8					
EnterpriseOne Application Interface Ser	rvices 🔻		Page Refreshed						
AIS_BUILD > All Metrics									
All Metrics				234					
Search	Overview			246					
View 🔻 👬 🏥	A Open Metric Events		Metric Collection Errors						
AIS_BUILD	0	0	0						
▲ General System Info	U		Matric Collection Errors						
Fully Qualified Host Name	Open Alerts	Warning	Metric Collection Errors						
Host Name (short)	Important Metric charts		View Data Last 24 Hours	Auto Refresh					
Java free memory size									
Java max memory size	No metric is added to target overview	w. You can add/remove any addition	nal metrics by clicking the options menu o	f metric value history.					
Java total memory used									
Java Heap Memory Used	Deployed Metric Extensions	S							
Response	View View Undeploy Upgrad	e							
Total Number of Users	Name Display Na	me Runs On	Version Description	Is Latest					
Other collected items.	No data to display.								
	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 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:



JD Edwards EnterpriseOne

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

		SYSMAN 🔻 🚥
<ul> <li>Oustom Menu ▼</li> </ul>	Page Refreshed	<b>v</b>
Monitoring Configuration		OK Cancel
* Enterprise Manager Agent Host		
* Server Manager Admin Password		
* Server Manager Admin User		
* Server Manager Hostname		
* 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 inte	nded 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:

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ORACLE JD Edwards EnterpriseOne Server Manager

② Documentation and Support

Sign Out

Select Instance	Managed Homes and Managed Instances	
What do you want to do?	Use the dropdown below to select the desired management view.	
INSTALL	Select View Managed Homes and Managed Instances <b>T</b>	
<u>Management Agents</u> <u>Manage Software</u>	Managed Homes	
<u>Database Drivers</u>	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.
CONFIGURE	Select [Managed Home]: Remove Stop Update	
Server Manager Users     Server Groups	Select All   Select None	n n
TRACK		func jas 92 7076
User Activity     Server Activity	appmgr/jde_home_agent/SCFHA	EnterpriseOne HTML Server
<u>Table Cache</u>		EM13c REFRESH JAS
		EnterpriseOne HTML Server \$ Stopped
		JMX BSSV EntermiseOne Business Services Service
		û Running
		den60211jems func jas 7072 EnterpriseOne HTML Server
		1 Running
		ias 92. 7074 s func EnterpriseOne HTML Server
		ប Running
		EnterpriseOne Transaction Server
		ias 7070 iems func
		EnterpriseOne HTML Server
		RTE JMX
		Stopped
		ais 92 7084 is func. EnterpriseOne Application Interface Services
		û Running

## Removing the JD Edwards EnterpriseOne Domain

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



#### JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 13c Implementation Guide

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

RACLE' Enterprise Manager Cloud Control 13c	<u>Enterpr</u>	ise ▼	Eavorites •		•		tup 🔻	0		S	YSMAN	•
stems			Auto	Refresh Of		~	Page R	efreshed				4
stem is a collection of related manageable entities which together provide one or more business functions. Members of any system can have	well-defined relatio	nships amongst themselves, cal	lled associations.									
Search										Sav	ed Sear	ches 🖣
Search All V Name Advanced Search												
Save												
ew 🔻 🕂 Add 💌 🧪 Edit 💢 Remove												
Name A T	Privilege	Туре	Sta Memt	bers	Men	nber St	tatus S	umma	ry i	Inc	idents	
/EMGC_GCD0main/ECD0main/EMGC_0MS1/empos	FTOpagation	Application Deployment	т		+ 1	<b>t</b> /	× ×	N/A		2 🕴		
/EMGC_GCDomain/GCDomain/EMGC_OMS1/jvmdengine(13.2.1.0.0)	×	Application Deployment	+		-		-	-	-			-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	~	Application Deployment	1		-		-	-	-		-	-
/EMGC_GCDomain/GCDomain/empbs	~	Domain Application Deployme	ent n Applic Deploy	ation yment (1)	-	1 -	-	-	-		-	-
/EMGC_GCDomain/GCDomain/ESSAPP	~	Domain Application Deployme	ent n Applic (1)	ation yment, Cluste Applic Deploy (1)	-	2 -		-	-			-
/EMGC_GCDomain/GCDomain/jvmdengine#13.2.1.0.0	~	Domain Application Deployme	ent n Applic Deploy	ation yment (1)	-	1 -	-	-	-		-	-
/EMGC_GCDomain/GCDomain/OCMRepeater	×	Domain Application Deployme	ent n Applic Deploy	ation yment (1)	-	1 -		-	-		-	-
Cloud		Cloud	n		-		-	-	-		-	-
dev enut		JDE EnterpriseOne Domain	n Manag Home	oriseOne Ent ged Ser (3) Ser		7 -	1	-	-		-	
dev_envi				001								



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.

ORACLE Enterprise Manager Cloud Control 13c	Enterprise V 🛞 Iargets V 🛧 V V V V A SYSMAN V ····
⑥ Custom Menu ▼	
▲ Warning JDE EnterpriseOne Domain target and all associated EnterpriseOne targets are about to be de	No Yes
Name	Туре
dev_env1	JDE EnterpriseOne Domain
EMCC_ENT_6016	EnterpriseOne Enterprise Server
[/slot/ems18765/appmgr/jde_agent/SCFHA]	EnterpriseOne Managed Home
[/slot/ems9920/oracle/jde_agent/SCFHA]	EnterpriseOne Managed Home
[/slot/ems9920/oracle/Middleware/jde_home_1/SCFMC]	EnterpriseOne Managed Home
AIS_7040	EnterpriseOne Application Interface Services
bssv_7020	EnterpriseOne Business Services Server
bssv_7022	EnterpriseOne Business Services Server
jas_8020	EnterpriseOne HTML Server
	No Yes

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.

★ <u>F</u> avorites ▼	⊢ Hist <u>o</u> ry ▼	∰ <u>S</u> etup ▼	् 🌲	S	YSMAN 🔻	
		Initial Setu	p Console			
Auto	Refresh Off	Add Target	t	▶ 1:4	47:57 AM UTC	υ
Self Update		Extensibilit	у	⊧ ive	d Searches	•
Plug-ins		Proxy Setti	ngs	•	Target	
Managemer	nt Connectors	Security		•	N/A	<u>^</u>
Data Excha	nge	Incidents		•	1	
Developme	nt Kit	Notification	IS	•	1	
	C	Provisionin	ig and Patching	Þ	1	
	C	My Oracle	Support	•	1	
	Α	Middleware	e Management	•	1	
	Α	Manage Cl	oud Control	•	1	
	C	)( Commond	Line Interface		N/A	
	C	)( Command	Line Interface	_	N/A	
	C	or Manageme	ent Packs	•	1	



2. With the deployed plug-in highlighted, right-click and choose Undeploy From, Management Agent.

O	RACLE	Enterprise Manager Clou	d Control 13c				Enterprise 🔻		★ <u>F</u> avorites ▼	History •	Setup 🔻	0	<b>.</b>	SYSMAN -
Plug This p	g-ins age lists the plug-in	s available, downloaded, and de	eployed to the Enterprise Ma	anager system. Use ti	his page to deploy	or undeploy plug-ins.					Page	Refreshed N	ov 29, 201	15 8:54:07 PM PST 👈
Acti	ons 🔻 View 👻	📲 Deploy On 🔻 📲 Undepl	oy From 👻 🗳 Check U	pdates 🖃 Deplo	yment Activities									
			Ver	sion										
1	lame		La Latest Av Downloaded	On Management Server	Management Agent with Plug-in	Description								
	Applications	0												
	🚳 Oracle F	usion Applications	13. 13.1.1.0.0 🎭		0	Enterprise Manager for Fusion	Apps consists of monitor	ing and managemen	t for Oracle Fusion an	d diagnostics in fus	sion application a	rea.		
	🍇 Oracle J	dedwards EnterpriseOne	at Deploy On	13.1.1.1.0	1	Enterprise Manager for Jdedv	ards EnterpriseOne cons	ists of monitoring and	I management for Ora	cle Jdedwards Ent	erpriseOne syste	n.		
	🚳 Oracle S	iebel	- Deploy On		0	Enterprise Manager for Oracle	Siebel consists of monito	oring and manageme	nt functionalities for O	racle Siebel.				
	🕨 🚞 Cloud 🚺		-% Undeploy From	Managemer	nt Servers									
	🕨 🚞 Databases 🌔		M Information	Managemer	nt Agent									
	Engineered	Systems 🕕	Collapse											
	🕨 📩 Middleware	3	Expand All Below											
	🕨 🚞 Servers, Stor	age and Network 📵	Collapse All Below											
	🖏 Oracle Audit	Vault	Show as Top		0	Enterprise Manager for Oracle	Audit Vault provides mor	nitoring and manager	ment of Oracle Audit V	ault Server and its	components.			
	🍓 Oracle Audit	Vault and Database Firewall	13. 13.1.1.0.0 -0		0	Enterprise Manager for Oracle	e Audit Vault and Databas	e Firewall (AVDF) pro	ovides monitoring and	management of A	VDF system.			
	🚳 Oracle Beac	n	13. 13.1.0.0.0	13.1.0.0.0	1	Oracle Beacon plugin is requi	red on the Managed Host	s to support beacon t	est monitoring capabi	lity				
	🚳 Oracle Cons	olidation Planning and Chargeb	ack 13. 13.1.1.0.0 🎭		N/A	Enterprise Manager for Oracle	Consolidation Planning	and Chargeback prov	vides metering, charge	eback and consolid	fation planning fo	r various E	nterprise I	Manager targets.
	🚳 Oracle ORA	hk Healthchecks	13. 13.1.1.0.0 🗞		N/A	Enterprise Manager for Oracle	ORAchk Health Checks	provides proactive he	alth check alerts for E	ngineered and No	n-Engineered Sy	stems.		
Orac Gen	le Jdedwards El	nterpriseOne loyment Activities												
Ac	tion					Status	Version	User	!	Start Time		End Tir	ne	
De	ployment on Manaç	ement Agent : den Digen un orac	cle.com:3872			Success	13.1.1.1.0	SYSMAN	4 1	Nov 27, 2015 3:50:	12 AM	Nov 27,	2015 3:51	1:24 AM
De	ployment on Manag	ement Server : den Digen un ora	icle.com:4889_Managemen	t_Service		Success	13.1.1.1.0	SYSMAN	4 1	Nov 27, 2015 3:34:	53 AM	Nov 27,	2015 3:42	2:38 AM

**3.** On the Undeploy Plug-in on Management Agent, General form, click the **Continue** button to undeploy the auto-detected Management Agent.



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	ontrol 13c			Enterprise 🔻	Iargets ▼	Eavorites <b>•</b>		🔅 Setup 🗸	<b>़</b> ♠	SYSMAN 🔻 📼
Plug-ins This page lists the plug-ins available, downloaded, and deploy	ed to the Ente	arprise Manager system. Use this page to deploy or undeploy plug-	-ins.					Page F	lefreshed Nov 29	2015 8:54:07 PM PST ᠧ
Actions 🔻 View 👻 🤲 Deploy On 👻 🤲 Undeploy Fr	rom 👻 🗳	Check Updates 🛛 📾 Deployment Activities								
		Version								
Name	La Latest Av Downi	Undeploy Plug-in from Management Agent General				×				
Applications ()		Name Oracle Jdedwards EnterpriseOne								
Cracle Fusion Applications	13. 13.1.1.	Management Agent with this plug-in					iagnostics in fus	ion application ar	ea.	
Cracle Jdedwards EnterpriseOne	13. 13.1.1.	+ Add X Remove					Jdedwards Ent	erpriseOne syster	n.	
Cracle Siebel	13. 13.1.1.	Management Agent	0	perating System	Deployed Version	Status	le Siebel.			
Cloud 1		den00gxy.us.	Li	nux x86-64	13.1.1.1.0	1				
🕨 📩 Databases 🚺										
🕨 🛅 Engineered Systems 🚯										
🕨 🛅 Middleware 🚯										
Servers, Storage and Network ()										
Cracle Audit Vault	12. 12.1.0.						t Server and its	components.		
Cracle Audit Vault and Database Firewall	13. 13.1.1.						inagement of A	VDF system.		
Cracle Beacon	13. 13.1.0.									
Consolidation Planning and Chargeback	13. 13.1.1.						ck and consolid	lation planning for	various Enterp	rise Manager targets.
Cracle ORAchk Healthchecks	13. 13.1.1.						neered and No	n-Engineered Sys	tems.	
Oracle Jdedwards EnterpriseOne							1			
General Recent Deployment Activities		* - Dependent Agents			C	ontinue Cancel				
Action			Status	Version	0581	31	art Time		End Time	
Deployment on Management Agent	om:3872		Success	13.1.1.1.0	SYSMAN	No	ov 27, 2015 3:50:	12 AM	Nov 27, 2015	3:51:24 AM
Deployment on Management Server	om:4889_Ma	nagement_Service	Success	13.1.1.10	SYSMAN	No	ov 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.

Review Autoployment of plug-ins from the Management A Agent. During downtime, the Management Agent v	Agent deletes the targets monitored by the plu vill not be able to monitor any targets.	ıg-in, and also restarts	the Manage	ement
Name Oracle Jdedwards Ente	rpriseOne			
Management Agent with this plug-in				
Management Agent	Operating System	Deployed Plug- in Version	Stat	us
oracle.com:3872	Linux x86-64	13.1.1.1.0	1	

**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.

Undeploy Plug-in from Management Agent		×
Confirmation		
The Undeployment of plug-in "Oracle Jdedwards EnterpriseOne" has started on selected Management Agents.		
You can monitor the status of the deployment operation in the Deployment Activities page.		
You can also monitor the progress using the following command:		
enici get_piugin_depioyment_status -piugin=oracie.apps.jued		
	Show Status	Close

The undeployment is complete when the status shows a green check mark on this Deployment Step:

Deconfiguring Plug-in from Agent

ORACLE <sup>®</sup> Enterprise Man	ager Cloud Control 13c					<u>E</u> nterprise ▼	O <u>T</u> arg	ets	History •	Setup ▼	0,	sy sy	SMAN 🔻 🚥
Plug-ins Plug-ins > Deployment Activities Deployment Activities										Page Re	freshed Nov	29, 2015 9:0	6:15 PM PST 💫
											Auto	Refresh	Off •
Recent Activities	View 🔻												
All Activities	Name	Version	Status	Content Type	Destination			Job Name		Start Time		End Time	
Successful Activities	Oracle Jdedwards EnterpriseOne	13.1.1.1.0	×.	Discovery	dentiligen eracle.com:3872			PLUGIN_AGENT_UNDEP	LOYMENT_5_14	Nov 29, 2015 8:5	9:33 PM	Nov 29, 20 <sup>-</sup>	15 9:01:07 PM
Discovery Activities	Oracle Jdedwards EnterpriseOne	13.1.1.1.0	×	Plug-in	dentiligent oracle.com:3872			PLUGIN_AGENT_UNDEP	LOYMENT_5_14	Nov 29, 2015 8:5	9:28 PM	Nov 29, 20	15 8:59:53 PM
Undeployment Activities	e	edwards Enternris	zeΩne										
	Step						Status	Start Time	End Time	Log F	ile		
	Initialize							Nov 29, 2015 8:59:33 PM	Nov 29, 2015 8:	59:33 PM emom	s.log		
	Delete target						× .	Nov 29, 2015 8:59:33 PM	Nov 29, 2015 8:	59:33 PM emom	s.log		
	Deconfigure plug-in from Man	agement Agent						Nov 29, 2015 8:59:53 PM	Nov 29, 2015 9:	01:07 PM agent	olugindeplo	y_5.log	
	Update inventory							Nov 29, 2015 8:59:53 PM	Nov 29, 2015 9:	01:07 PM emom	s.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.

★ Eavorites ▼	🔅 Setup 🗸 🔍 🔔	SYSMAN -
	Initial Setup Console	
Auto Refresh Off	Add Target	11:47:57 AM UIC
Self Update	Extensibility	▶ ived Searches ▼
Plug-ins	Proxy Settings	Target Status
Management Connectors	Security	N/A
Data Exchange	Incidents	• <b>†</b>
Development Kit	Notifications	• •
С	Provisioning and Patching	→ ↑
C	My Oracle Support	↑ ↑
A	Middleware Management	
A	Manage Cloud Control	<b>•</b>
D	Command Line Interface	N/A
D	Command Line intenace	N/A
0	Management Packs	• •



2. With the deployed plug-in highlighted, right click and choose Undeploy From, Management Servers.

	Manager Cloud C	ontrol	13c				Enterprise V	Iargets ▼	★ <u>F</u> avorites ▼	History •	Setup 🔻	0		SYSMAN V	
Plug-ins This page lists the plug-ins available, dow	vnloaded, and deploy	/ed to th	ne Enterprise Ma	anager system. Use th	nis page to deploy	or undeploy plug-ins.					Page	Refreshed I	Nov 29, 20	15 9:05:49 PM PS	τð
Actions 🔻 View 👻 🎭 Deploy Or	n 👻 🌯 Undeploy Fi	rom 🔻	👉 Check U	Jpdates 🗐 Deplo	yment Activities										
			Ver	rsion											
Name		Lai L Av D	atest Jownloaded	On Management Server	Agent with Plug-in	Description									
🔺 🚞 Applications 🚺															
Cracle Fusion Application	ons	13. 1	3.1.1.0.0 🐁		0	Enterprise Manager for Fusion App	s consists of monitori	ng and management	for Oracle Fusion and	I diagnostics in fus	ion application a	rea.			
🚳 Oracle Jdedwards Ente	It Doploy Op		1.1.1.0	13.1.1.1.0	0	Enterprise Manager for Jdedwards	EnterpriseOne consis	sts of monitoring and	management for Ora	le Jdedwards Ent	erpriseOne syste	m.			
🚳 Oracle Siebel	- Depidy On		1.1.0.0 db		0	Enterprise Manager for Oracle Siel	el consists of monito	ring and managemer	t functionalities for Or	acle Siebel.					
🕨 🚞 Cloud 🚯	-13 Undeploy From	1	Manage	ement Servers											
🕨 🚞 Databases 🚯	M Information		Manage	ement Agent											
🕨 🛅 Engineered Systems 🚯	Collapse														
🕨 🚞 Middleware 🚯	Expand All Belo	ow													
🕨 🛅 Servers, Storage and Netwo	Collapse All Be	low													
🖓 Oracle Audit Vault	Show as Top		1.0.4.0 **		0	Enterprise Manager for Oracle Aud	it Vault provides mon	itoring and managem	ent of Oracle Audit V	ault Server and its	components.				
🖓 Oracle Audit Vault and Data	pase mewan	13. 1	3.1.1.0.0 P		0	Enterprise Manager for Oracle Aud	it Vault and Database	e Firewall (AVDF) pro	vides monitoring and	management of A	VDF system.				
🖓 Oracle Beacon		13. 1	3.1.0.0.0	13.1.0.0.0	1	Oracle Beacon plugin is required o	n the Managed Hosts	to support beacon te	st monitoring capabil	ity					
🖓 Oracle Consolidation Planni	ing and Chargeback	13. 1	3.1.1.0.0 🐁		N/A	Enterprise Manager for Oracle Cor	solidation Planning a	ind Chargeback prov	des metering, charge	back and consolid	lation planning fo	r various B	Interprise	Manager target	s.
🖓 Oracle ORAchk Healthcheol	ks	13. 1	3.1.1.0.0 🐁		N/A	Enterprise Manager for Oracle OR/	chk Health Checks p	rovides proactive he	alth check alerts for E	ngineered and No	n-Engineered Sy	stems.			
Oracle Jdedwards EnterpriseOne	e ties														

Undeployment on Management Agent oracle.com:3872 Success 13.1.1.0	SYSMAN		
	0101010	Nov 29, 2015 8:59:28 PM	Nov 29, 2015 8:59:53 PM
Deployment on Management Agent: and e com 3872 Success 13.1.1.0	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



- **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 Manag	ement Server		×
General			
Name	Oracle Jdedwards EnterpriseOne		
Version	13.1.1.1.0		
* Repository SY'S 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 disconnected from the Enterprise Manager will not be able to monit Oracle recommends that you take a base exportconfig oms". Otherwise, ensure to *  Have you backed up the reposition	e Management Server requires downtime. All currently c e Manager. During downtime, users will not be able to co or any targets. Inckup of the repository, and export the first Management Set that a recovery plan is in place prior to undeploying the plug tory and configuration of first management server?	onnected users will get automatically nnect to Enterprise Manager, and Enter rver configuration using the command "e g-in.	∍rprise emctl
Name	Oracle Jdedwards EnterpriseOne		
Version	13.1.1.1.0		
Management Servers			
Name		Currently Deployed Plug-in Version	Status
oracle.com:4889_Management_Service		13.1.1.1.0	1
		Back Undeploy	Cancel

7. On the Undeploy Plug-in from Server, Confirmation form, verify that the undeployment is in progress and click the Close button.

	×
Confirmation	
The undeployment of plug-in "Oracle Jdedwards EnterpriseOne" version 13.1.1.1.0 is in progress.	
You can monitor the progress using the following command:	
emctl status oms -details	

Show Status Close



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					a	Enterprise 🔻	<u> </u>	★ Eavorites ▼	History -	Setup 🔻	0	<b>\$</b>	SYSMAN 🔻 🛛
Plug-ins This page lists the plug-ins a	vailable, downloaded, and deploy	yed to the Enterprise M	anager system. Use ti	his page to deploy	or undeploy plug-ins.					Page F	Refreshed I	lov 29, 2015	5 9:23:24 PM PST 🔪
Actions <b>v</b> View <b>a</b>	🔓 Deploy On 👻 🤷 Undeploy F	rom 👻 🛷 Check l	Jpdates 🖃 Deplo	yment Activities									
		Ve	rsion	Managament									
Name		La Latest Av Downloaded	On Management Server	Agent with Plug-in	Description								
🔺 📩 Applications 🚺													
R Oracle Fusion Applications		13. 13.1.1.0.0 🎭		0	0 Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diagnostics in fusion application area.								
🖓 Oracle Jde	R Oracle Jdedwards EnterpriseOne			0	0 Enterprise Manager for Jdedwards EnterpriseOne consists of monitoring and management for Oracle Jdedwards EnterpriseOne system.								
Cracle Siebel		13. 13.1.1.0.0 🎭		0	0 Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.								
🕨 🚞 Cloud 🚯													
🕨 늘 Databases 🚺													
Engineered System	items 🕕												
🕨 🖿 Middleware 🜖													
🕨 🖿 Servers, Storag	e and Network 🕄												
Cracle Audit Vault		12. 12.1.0.4.0 🕫		0	Enterprise Manager for Oracle Audit Va	Ilt provides mon	itoring and manager	nent of Oracle Audit V	ault Server and its	components.			
🚳 Oracle Audit Va	Kan Audit Vault and Database Firewall			0	0 Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.								
🚳 Oracle Beacon	🚳 Oracle Beacon		13.1.0.0.0	1	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	A Enterprise Manager for Oracle Consolidation Planning and Chargeback provides metering, chargeback and consolidation planning for various Enterprise Manager targets.							Aanager targets.	
Gracle ORAchk Healthchecks		13. 13.1.1.0.0 🎭		N/A	Enterprise Manager for Oracle ORAchk	Health Checks p	provides proactive he	alth check alerts for E	ngineered and No	n-Engineered Sy	stems.		
Oracle Jdedwards Ente	rpriseOne												

General Recent Deployment Activities										
	Action	Status	Version	User	Start Time	End Time				
	Undeployment on Management Server : oracle.com:4889_Management_Service	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 : dealers and aracle.com:3872	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 : deployment 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 :	Success	13.1.1.10	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 <a href="https://docs.oracle.com/database/121/LADBI/">https://docs.oracle.com/database/121/LADBI/</a> remove\_oracle\_sw.htm

To know more about deinstalling Oracle Enterprise Manager, see <a href="http://docs.oracle.com/cd/E63000\_01/EMADV/deinstall\_em.htm">http://docs.oracle.com/cd/E63000\_01/EMADV/deinstall\_em.htm</a>

**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*.

