JD Edwards EnterpriseOne

Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

9.2

JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

9.2

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Import the JD Edwards Application Pack OPAR



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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 http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info Or Visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Information

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

http://learnjde.com

Conventions

The following text conventions are used in this document:

Convention	Meaning
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

Introduction

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

The JDE AppPack allows you to use the graphical user interface of 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, 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 Enterprise Manager Cloud Control Patch Sets, such as Patch Set Notes and Bug List, refer to **My Oracle Support**.

The complete suite of Cloud Control guides is available at this link:

http://download.oracle.com/docs/cd/B16240_01/doc/nav/portal_booklist.htm



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, refer to the Install library at this link on the Oracle Technology Network:

http://docs.oracle.com/cd/E61420_01/index.htm

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 11g is released and supported. Refer to certification information in the Oracle Enterprise Manager 11g 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 (https://support.oracle.com):

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 this link:

https://edelivery.oracle.com

Compatible JDE AppPack and Cloud Control Versions

The JDE AppPack for Oracle Enterprise Manager Cloud Control 12c 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.

Overview Server Manager for JD Edwards EnterpriseOne

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, and 9.2.

Tip: Server Manager must be used for the 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.

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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 the 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 the 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.
- Additional Cloud Control functions can be added or referenced. Refer to the Cloud Control Advanced Configuration Guide at this link:

http://download.oracle.com/docs/cd/B16240_01/doc/em.102/e10954/toc.htm

Features of Server Manager That Are Not Supported by Cloud Control

Below is a listing of a 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 this JD Edwards EnterpriseOne server:

Enterprise Server

Disk Space Usage

The display of Disk Space Usage is not supported in Cloud Control for this 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
- Microsoft Windows Collection

Cloud Control Web App Services

In order to provide complete functionality, Cloud Control assumes an 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.

Microsoft Windows Collection

The initial release of the JDE AppPack was developed and certified on the Linux platform. While the design goal is for complete compatibility on Microsoft Windows systems, it is possible that some metric collection issues may be encountered when Cloud Control and the JDE AppPack are run on Microsoft Windows systems.



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 any 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 each administrator account 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 12c

The Oracle Enterprise Manager Cloud Control 12c 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 preconfigured 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 Install the Database for Enterprise Manager

Install the Database for Enterprise Manager

This chapter shows an example of a new installation of Enterprise Manager. For existing installations, refer to the Caution below. After you have reviewed the Caution, existing installations of Enterprise Manager can proceed to *Import the JD Edwards Application Pack OPAR*.

An Oracle database must be installed that is configured expressly for use by Enterprise Manager (see Caution below). For reference purposes, this chapter shows an example of installing the Oracle database for use by Enterprise Manager. However, 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 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*.

On the machine where you have downloaded the Oracle 11g database installer:

1. Change directory to directory where you downloaded the installer. For example:

cd /u01/downloads/db11gr2/database



2. Launch the installer using this command:

./runInstaller



Configure Security Updates	5		ORACLE 11 ^g
Configure Security Updates	Provide your email address to be and initiate configuration manag	informed of security issues, install the p er. <u>View details</u> .	roduct
Grid Options	E <u>m</u> ail:	your_email@company.com Easier for you if you use your My Oracle address/username.	Support email
 Typical Installation Prerequisite Checks Summary Install Product Finish 	I wish to receive security update My Oracle Support Password:	ates via My Oracle Support.	
Help		< <u>B</u> ack	Next > Einish Cancel



3. On Configure Security Updates, in order to be informed of security issues you must either provide an email address or choose to receive security updates via My Oracle Support. If you have an Oracle Support account, it will be easier if click the checkbox to choose to receive security updates via My Oracle Support.



4. Click the Next button.





5. On Select Installation Option, click this radio button:

Create and configure a database



6. Click the **Next** button.



Sys	tem Class	
シーネ 泉 オ シー シー シー シ	Configure Security Updates Installation Option System Class Typical Installation Prerequisite Checks Summary Install Product Finish	 Desktop Class Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration. Server Class Choose this option if you are installing on a server class system, such as what you would use when deploying Oracle in a production data center. This option allows for more advanced configuration options.
	Help	 <u> Back Next > Einish Cancel</u>

7. On System Class, click this radio button to install on a server class system.

Server Class

This option allows for more advanced configuration options.



8. Click the Next button.



Node Selection	
Configure Security Updates	Select the type of database installation you want to perform.
Installation Option	\odot Single instance database installation
System Class	<u>R</u> eal Application Clusters database installation
Grid Options	
🙀 Install Type	
Y Typical Installation	
Prerequisite Checks	
Summary	
🖞 - Install Product	
Ö Finish	
	~
Help	< <u>Back</u> <u>Next</u> <u>Finish</u> Cancel

9. On Node Selection, choose this radio button:

Single instance database installation



10. Click the **Next** button.



Select Install Type	
Configure Security Updates Installation Option System Class Crid Options Install Type Typical Installation Prerequisite Checks Summary Install Product Finish	Typical install Perform full Oracle Database installation with basic configuration. Advanced install Allows advanced selections such as different passwords for the SYS, SYSMAN, SYSTEM and DBSNMP accounts, database character set, product languages, automated backups, custom installation, and alternative storage options such as Automatic Storage Management.
Help	< <u>Back</u> Next > Einish Cancel

Typical Install



12. Click the **Next** button.



Typical Install Configuration	on			11 ^g
Configure Security Updates	Perform full Database inst	allation with basic configuration.		
Installation Option	Oracle ba <u>s</u> e:	/u01/app/oracle	-	Browse
System Class	Software location:	/u01/app/oracle/home	•	Br <u>o</u> wse
Install Type	Storage <u>T</u> ype:	File System 👻		
Typical Installation	Database file location:	/u01/app/oracle/oradata		Browse
Prerequisite Checks	ASMSNMP Password:	I		1
ý Summary	- Database <u>e</u> dition:	Enterprise Edition (3.95CB)		1
Finish	OSDB <u>A</u> Group:	oinstall 💌		
	<u>G</u> lobal database name:	emrep		I
	Administrative <u>p</u> assword:	****]
	Confirm Password:	****]
	-			J
Help		< <u>B</u> a	ck Next > Einish	Cancel
13. On Typical Install Configuration, complete these fields:

• Oracle base

Enter your Oracle base location. For example:

/u01/app/oracle

• Software location

Enter or browse to the location of your Oracle base folder. This location must exist and be empty. For example:

/u01/app/oracle/oradata

• Global database name

Enter the global database name. For example:

emrep

• Administrative Password

Enter the administrative password for the global database.

• Confirm Password

Reenter the administrative password for the global database.





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Create Inventory	
Configure Security Updates	You are starting your first installation on this host. Specify a directory for installation files. This directory is called the "inventory directory". The installer automatically sets up subdirectories for each product to contain inventory data. The subdirectory for each product typically requires 150 kilobytes of disk space. Inventory Directory: /u01/app/oralnventory Browse
Grid Options Install Type Typical Installation Create Inventory	Specify an operating system group whose members have write permission to the inventory directory (oralnventory). oralnventory <u>G</u> roup Name: oinstall 💌
Prerequisite Checks Summary Install Product Sinich	
C PINISH	•
Help	< <u>Back</u> Next > Einish Cancel

15. On Create Inventory, if this is your first installation on this host, you are prompted to enter an Inventory Directory. The installer automatically sets up subdirectories for each product to contain inventory data. The subdirectory for each product typically requires 150 KB of disk space. Optionally you can also choose between the available values in the **oralnventory Group Name** pulldown. For example, your inventory directory might be:

/u01/app/oraInventory

Note: This directory must exist and be empty.





Per K	rform Pr <mark>erequisite</mark> Chec	
Configure Security Updates		Verifying that the target environment meets minimum installation and configuration requirements for products you have selected. This can take time. Please wait.
T	System Class	95%
T	Grid Options	Checking Package: gcc-4.1.2
T	Install Type	
Å	Typical Installation	
ģ	Create Inventory	
	Prerequisite Checks	
Ŷ	Summary	
Ý	Install Product	
0	Finish	
	Help	Rack Next S Einich Cancel
	Terb	



The installer begins the prerequisite check and displays the progress as it verifies that the target environment meets the minimum installation and configuration requirements for products you have selected.





When the requisites check completes, the Summary screen is displayed.

17. On Summary, review the contents. Optionally you can click the **Save Response File...** button to save the contents of the Summary screen.



18. Click the **Finish** button to begin the actual installation.



The installer displays a progress bar of In Progress and Pending tasks.



After the point in the installation when the database is successfully created, the installer displays an Xterm window for the Database Configuration Assistant.

Note: All database accounts except SYS, SYSTEM, DBSNMP, and SYSMAN are locked. Optionally, you can click the **Password Management...** button to view a complete list of locked accounts or manage the database accounts (except DBSNMP and SYSMAN). From the Password Management window, unlock only the accounts you will use. Oracle Corporation strongly recommends changing the default passwords immediately after unlocking the account.



19. If you clicked the **Password Management...** button this Xterm window for Password Management is displayed:

>	🗙 Password Management 🛛 🛛 🔀					
	Lock / unlock database user accounts and / or change the default passwords:					
	User Name	Lock Account?	New Password	Confirm Password		
	SVS					
	SYSTEM					
	OUTLN				14	
	FLOWS_FILES	 Image: A set of the set of the		R.		
	MDSYS	 Image: A set of the set of the			_	
	ORDSYS					
	EXFSYS					
	WMSYS					
	APPQOSSYS					
	APEX_030200					
	OWBSYS_AUDIT	×				
	ORDDATA				-	
	OK Cancel Help					

20. On Password Management, you can Lock or unlock database user accounts and/or change the default passwords.

If you choose to change accounts settings or passwords, click the **OK** button. Otherwise, click Cancel to return to the Database Configuration Assistant Xterm window.

21. On Database Configuration Assistant, click the **OK** button to resume the remaining installer tasks.

🗙 Execute	🔀 Execute Configuration scripts				
The follov	The following configuration scripts need to be executed as the "root" user.				
Scripts to	be executed:				
Eculator (e		_			
Number	Script Location				
1	/u01/app/oralnventory/orainstRoot.sh				
2	/u01/app/oracle/home/root.sh	_			
•					
To execute the configuration scripts: 1. Open a terminal window 2. Log in as "root" 3. Run the scripts 4. Return to this window and click "OK" to continue					
Н	еір				

- **22.** On the Xterm window for Execute Configuration scripts, you must execute the configuration scripts as the "root" user. To execute the configuration scripts:
 - Open a terminal window.
 - Log in as "root".
 - $_{\circ}$ $\,$ Run the scripts and verify that they ran successfully.
 - Return to this window.

23. On Execute Configuration Scripts, after you have executed the scripts as described in the preceding step, click the **OK** button to continue.



🔨 Oracle Database 11g Release 2 Installer - Installing database - Stips 11 of 11 🛛 🔲 🗖 🔀				
Finish			11 ^g	
 Configure Security Updates Installation Option System Class Grid Options Install Type Typical Installation Create Inventory Prerequisite Checks Summary Install Product 	The installation of Oracle Database was successful. Note: Enterprise Manager Database Control URL - (emrep) : https://denlx01:1158/em			
Second Se				
Help	< <u>B</u> ack	<u>N</u> ext > <u>E</u> inish	Close	

24. On Finish, verify the installation of the Oracle Database was successful and click the Close button.

Post Installation Required Database Configuration

After you install a new Oracle database for exclusive use by Cloud Control 12c, the Cloud Control documentation recommends you configure your database using this procedure.

1. Drop the management repository using this line command:

emca -deconfig dbcontrol db -repos drop

A sample of the resulting console session is shown below.

[oracle@denlx01 bin]\$./emca -deconfig dbcontrol db -repos drop STARTED EMCA at Aug 10, 2011 11:44:38 AM EM Configuration Assistant, Version 11.2.0.0.2 Production Copyright (c) 2003, 2005, Oracle. All rights reserved.

Enter the following information: Database SID: emrep Listener port number: 1521 Password for SYS user: Password for SYSMAN user:

Do you wish to continue? [yes(Y)/no(N)]: Y Aug 10, 2011 11:44:55 AM oracle.sysman.emcp.EMConfig perform INFO: This operation is being logged at /home/oracle/cfgtoollogs/emca/emrep/ emca_2011_08_10_11_44_37.log. Aug 10, 2011 11:44:55 AM oracle.sysman.emcp.util.DBControlUtil stopOMS INFO: Stopping Database Control (this may take a while) ... Aug 10, 2011 11:45:19 AM oracle.sysman.emcp.EMReposConfig invoke INFO: Dropping the EM repository (this may take a while) ... Aug 10, 2011 11:47:10 AM oracle.sysman.emcp.EMReposConfig invoke INFO: Repository successfully dropped Enterprise Manager configuration completed successfully FINISHED EMCA at Aug 10, 2011 11:47:14 AM You have new mail in /var/spool/mail/oracle [oracle@denlx01 bin]\$

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

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

```
alter system set session_cached_cursors=200 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;
shutdown immediate
startup
```



3 Install Enterprise Manager Cloud Control

Install Enterprise Manager Cloud Control

This chapter shows an example of a new installation of Enterprise Manager Cloud Control with Advanced Configuration. The other installation option is to install with a Simple Configuration (for details refer to the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**:

http://docs.oracle.com/cd/E24628_01/index.htm

If you are using an existing Cloud Control installation, you can proceed to *Import the JD Edwards Application Pack OPAR*.

An Oracle database must be installed expressly for use by Cloud Control prior to installing Cloud Control. For reference purposes, this chapter shows an example of installing the Oracle database for use by Enterprise Manager. However, Oracle strongly recommends that you use the OEM Oracle database installation software instructions under the direction of an Oracle DBA.

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

Note: Oracle recommends you to run the EM Prerequisite Kit before invoking the installer to ensure that you meet all the repository requirements beforehand. Even if you do not run it manually, the installer anyway runs it in the background while installing the product. However, running it manually beforehand sets up your Management Repository even before you can start the installation or upgrade process. For information on the kit, to understand how to run it, and to know about the prerequisite checks it runs, see the applicable appendix in the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**: http://docs.oracle.com/cd/



To install Enterprise Manager Cloud Control with advanced configuration, follow these steps:

1. Invoke the Enterprise Manager Cloud Control Installation Wizard.

Invoke the installation wizard as a user who belongs to the oinstall group.

Note: For additional details on managing the <code>oinstall</code> group, refer to the applicable chapter in the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**: http://docs.oracle.com/cd/E24628_01/index.htm

<Software_Location>/runInstaller

In this command, <software_location> is either the DVD location or the location where you have downloaded the software kit.

Note:

- Ensure that there are no white spaces in the name of the directory where you download and run the Enterprise Manager Cloud Control software from. For example, do not download and run the software from a directory titled EM Software because there is a white space between the two words of the directory name.
- When you invoke runInstaller, if the Enterprise Manager Cloud Control Installation Wizard does not appear, then it is possible that you do not have read and write access to the /stage subdirectory, which a subdirectory in the Disk1 directory of the Enterprise Manager software.

There is a classpath variable that the installation wizard computes for OPatch as ../stage/ components/, and when the TEMP variable is set to /tmp, the installation wizard tries to look for the opatch JAR file in the /tmp/../stage directory, which is equivalent to /stage. However, if you do not have read and write permission on /stage, then the installation wizard can hang. Under such circumstances, verify if you have read and write access to the /stage directory. If you do not have, then set the TEMP variable to a location where the install user has access to, and then relaunch the installation wizard.



2. Enter My Oracle Support Details (Optional).

Oracle Enterprise Manager Clouds	ud Control 12c Release 2	Installation - Step 1 of 9				凹
My Oracle Support Details		ORAC	CLE' En	terprise Ma	anager Cloud	d Control 12c
My Oracle Support Details	Provide your email addre and initiate configuratior	ss to be informed of security is 1 manager. <u>View details</u> .	sues, instal	I the product		
Prerequisite Checks	E <u>m</u> ail:	john.anderson@examp Easier for you if you use address/username.	le.com : your My Oi	racle Support	email	
Configuration Details	🕑 l <u>w</u> ish to receive secur	ity updates via My Oracle Supp	ort.			
C Review	My <u>O</u> racle Support Pas	sword:				
O Finish						
Help	Installed <u>P</u> roducts)	< <u>B</u> ack	<u>N</u> ext >	Install	Cancel

(Optional) On the My Oracle Support Details screen, enter your My Oracle Support credentials to enable Oracle Configuration Manager. If you do not want to enable Oracle Configuration Manager now, proceed to the next step in this procedure.

If the host from where you are running the installation wizard does not have a connection to the Internet, then enter only the e-mail address and leave the other fields blank. After you complete the installation, manually collect the configuration information and upload it to **My Oracle Support**.



4. Install Software Updates.

Oracle Enterprise Manager C	id Control 12c Release 2 Installation - Step 2 of 9	凹
Software Updates	ORACLE Enterprise Manager Cloud Control 1	2c
 My Oracle Support Details Software Updates Prerequisite Checks Installation Types Installation Details Configuration Details Review Install Progress Finish 	 Skip Search for Updates (Prerequisites, Critical Patches, Interim Patches, etc.) Local Directory Browse My Oracle Support (Requires Internet Connection) User Name john.anderson@example.com Password Search for Updates 	
Help	Installed Products Cancel	

On the Software Updates screen, select one of the following sources from where the software updates can be installed while the installation of the Enterprise Manager system is in progress. If you do not want to apply them now, then select the **Skip** radio button.

Note: For instructions to manually download the software updates, refer to *Oracle*® *Enterprise Manager Cloud Control Advanced Installation and Configuration Guide*, which is located in the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**: http://docs.oracle.com/cd/

5. Click the **Next** button.

If Enterprise Manager Cloud Control is the first Oracle product you are installing on the host that is running on UNIX operating system, then the Oracle Inventory screen appears. You can proceed to the next step in this procedure. Otherwise, the Check Prerequisites screen appears and you can proceed to Step 8 in this procedure.

6. Enter Oracle Inventory Details.

On the Oracle Inventory screen, do the following. You will see this screen only if this turns out to be your first ever installation of an Oracle product on the host.

a. Enter the full path to a directory where the inventory files and directories can be placed.

Note:
The central inventory location you enter must NOT be on a shared file system. If it is already on a shared file system, then switch over to a non-shared file system by following the instructions outlined in My Oracle Support Document ID 1092645.1
If this is the first Oracle product on the host, then the default central inventory location is <home directory>/oraInventory. However, if you already have some Oracle products on the host, then the central inventory location can be found in the oralnst.loc file. The oralnst.loc file is located in the /etc directory for Linux and AlX, and in the /var/opt/oracle directory for Solaris, HP-UX, and Tru64.

- **b.** Select the appropriate operating system group name that will own the Oracle inventory directories. The group that you select must have write permissions on the Oracle Inventory directories.
- 7. Click the **Next** button.



8. Check Prerequisites.

Oracle Enterprise Manager Cl	oud Control 12c Release 2 Installation - Step 3 of 9	巴
Prerequisite Checks	ORACLE Ente	erprise Manager Cloud Control 12c
My Oracle Support Details Software Updates Prerequisite Checks	Prerequisite checks verify that your environment meets all minimum r configuring your selected product <u>R</u> erun Ignore	requirements for installing and
 Installation Details Configuration Details Review Install Progress Finish 	Berun Ignore Prerequisite Name State Checking if Oracle software certified on the current O/S Succeeded Checking for required packages installed on the system Succeeded Checking for sufficient diskspace in TEMP location Succeeded Checking for sufficient disk space in Inventory location Succeeded Checking for sufficient disk space in Inventory location Succeeded Checking for sufficient physical memory Succeeded Checking for sufficient system emory Succeeded Checking for required ulimit value Succeeded Checking for required ulimit value Succeeded Checking for the Hostname Succeeded Checking for LD_ASSUME_KERNEL environment variable Succeeded Checking for LD_ASSUME_KERNEL environment variable Succeeded Checking for LD_ASSUME_KERNEL Expected result: LD_ASSUME_KERNEL environment variable is not set to 2.4.19 Actual Result: Wariable Not set Check is: Passed Check complete. The overall result of this check is: Passed Check complete. The overall result of this check is: Passed	
Help	Installed <u>P</u> roducts	Next > Install Cancel



On the Prerequisite Checks screen, check the status of the prerequisite checks run by the installation wizard, and verify whether your environment meets all the minimum requirements for a successful installation.

The installation wizard runs the prerequisite checks automatically when you come to this screen. It checks for the required operating system patches, operating system packages, and so on.

The status of the prerequisite check can be either **Warning**, **Failed**, or **Succeeded**.

If some checks result in **Warning** or **Failed** status, then investigate and correct the problems before you proceed with the installation. The screen provides details on why the prerequisites failed and how you can resolve them. After you correct the problems, return to this screen and click **Rerun** to check the prerequisites again.

Note: You can choose to ignore the checks with **Warning** status by clicking **Ignore**. However, all package requirements must be met or fixed before proceeding any further.



10. Select Installation Type.

▣	Oracle Enterprise Manager Clo	ud Control 12c Release 2 Installation - Step 4 of 13 비
In	stallation Types	ORACLE Enterprise Manager Cloud Control 12c
	My Oracle Support Details Software Updates Prerequisite Checks Installation Types Installation Details Plug-in Deployment WebLogic Server Configuration Database Connection Details Repository Configuration Detail Port Configuration Details Review Install Progress Finish	 Greate a new Enterprise Manager System Simple Advanced Upgrade an existing Enterprise Manager System Two System Upgrade Qne System Upgrade Install software only (Installs only the software binaries. Lets you configure or upgrade at a later stage.)
	Help	Installed Products < Back Next > Install Cancel



- On the Installation Types screen, select Create a New Enterprise Manager System, then select Advanced.
- **11.** Click the **Next** button.

12. Enter Installation Details.

	Oracle Enterprise Manager (Joud Control 12c Release 2 Instal	lation - Step 5 of 13		凹
Ins	tallation Details		ORACLE	Enterprise Manager Clou	d Control 12c
Ŷ	My Oracle Support Details	Middleware Home Location	/scratch/john/em/em12102		Bro <u>w</u> se
Ý	Software Updates	Agent <u>B</u> ase directory	/scratch/john/base/agent		Browse
Ý	Prerequisite Checks	Host Nam <u>e</u>	host1.example.com		
*	Installation Types		·		
	Installation Details				
Ý	Plug-in Deployment				
Ý	WebLogic Server Configuratio	n			
Ý	Database Connection Details				
Ļ	Repository Configuration Det	ai			
Ý	Port Configuration Details				
Ý	Review				
ပုံ	Install Progress				
- Ç	Finish				
		Messages:			
•					
	<u>H</u> elp	Installed Products	<u>< B</u> ac	:k <u>N</u> ext > Install	Cancel

On the Installation Details screen, do the following:

- a. Enter or validate the Middleware home where you want to install the OMS and other core components.
 - Note:
- If you have Oracle WebLogic Server and Java Development Kit already installed, then ensure that they are of the supported releases—Oracle WebLogic Server 11g Release 1 (10.3.5) and JDK 1.6 v24+. If you have the supported releases, the installer automatically detects them and displays the absolute path to the Middleware home where they are installed. In this case, validate the Middleware home. If the location is incorrect, then enter the path to the correct location. Ensure that the Middleware home you select or enter is a Middleware home that does not have any Oracle homes for Oracle Management Service and Oracle Management Agent.
- If you do not have Oracle WebLogic Server 11g Release 1 (10.3.5) and JDK 1.6 v24+, then the installer automatically installs them for you while installing the Enterprise Manager system. In this case, enter the absolute path to a directory where you want to have them installed. For example, /oracle/software/. Ensure that the directory you enter does not contain any files or subdirectories.
- If you manually install Oracle WebLogic Server 11g Release 1 (10.3.5), then follow the guidelines outlined in the *Before You Begin* chapter of in the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**:

http://docs.oracle.com/cd/E24628_01/index.htm

- **b.** Enter the absolute path to the agent base directory, a location outside the Oracle Middleware home where the Management Agent can be installed. For example, /oracle/agent. Ensure that this location is empty and has write permission. Also ensure that it is always maintained outside the Oracle Middleware home.
- c. Validate the name of the host where you want to configure the OMS.

The host name appears as a fully qualified name. The host name can also appear as a virtual host name if your host is configured with virtual machine.

You can choose to accept the default host name and proceed with the installation. Alternatively, you can change the name if it is incorrect, or enter another host name for this host. Ensure that the host name you enter is accessible from other hosts in the network (other hosts must be able to ping this host).

14. Deploy Plug-Ins.

🛿 Oracle Enterprise Manager Cloud Control 12c Release 2 Installation - Step 6 of 13				
Plug-in Deployment	ORACLE Enter	rprise Manager Cloud Control 12c		
 My Oracle Support Details Software Updates 	Plugins provide management capabilities tailored to specific types of ta typically have their own lifecycle independent of the Enterprise Manage management plugins you wish to configure.	argets or solution areas and er core platform. Select the		
Ý Prerequisite Checks	Select Name	Version		
Installation Types	Oracle Database Oracle Exadata	12.1.0.2.0 12.1.0.3.0		
	Oracle Fusion Middleware	12.1.0.3.0		
WebLogic Server Configuration Database Connection Details Port Configuration Details Review Install Progress Finish	Apache Tomcat EMC CLARiiON Array EMC Celerra Storage EMC Symmetrix Array Exalogic Elastic Cloud Infrastructure IBM DB2 Database Oracle Audit Vault Oracle Chargeback and Capacity Planning Oracle Cloud Application Oracle Exadata Healthchecks Oracle Siebel Oracle Virtualization Sybase ASE Database	12.1.0.2.0 12.1.0.2.0 12.1.0.2.0 12.1.0.2.0 12.1.0.2.0 12.1.0.2.0 12.1.0.2.0 12.1.0.3.0 12.1.0.2.0 12.1.0.2.0 12.1.0.3.0 12.1.0.3.0 12.1.0.2.0		
I → Help	Installed <u>P</u> roducts	Next > Install Cancel		

On the Plug-In Deployment screen, select the optional plug-ins you want to install from the software kit (DVD, downloaded software) while installing the Enterprise Manager system.

The pre-selected rows are mandatory plug-ins that will be installed by default. Select the optional ones you want to install.

Note: During installation, if you want to install a plug-in that is not available in the software kit, then refer to Advanced Installer Options for the point that describes how you can install additional plug-ins.



16. Enter WebLogic Server Configuration Details.

◙	Oracle Enterprise Manager Cloud Control 12c Release 2 Installation - Step 7 of 13			
w	ebLogic Server Configurat	tion Details	ORACLE Enterprise Manager Cloud Control 12c	
Ŷ	My Oracle Support Details	WebLogic Domain Name	GCDomain	
- ¢	Software Updates	WebLogic <u>U</u> ser Name	weblogic	
6	Prerequisite Checks	Web <u>L</u> ogic Password	•••••	
,	Installation Types	<u>C</u> onfirm Password	•••••	
- 6	Installation Details	No de Merce en lles a Norres		
	Plug-in Deployment	Node Manager User Name	nodemanager	
6	WebLogic Server Configuratio	No <u>d</u> e Manager Password		
	Database Connection Details	C <u>o</u> ntirm Password	•••••	
6	Repository Configuration Detai	OMS Instance Base Location	/scratch/john/em/em12101/gc_inst Browse	
6	Port Configuration Details			
6	Review			
0	Install Progress			
6	Finish			
		Maccagae:		
	<u>-</u>	<u>n</u> coougeo.		
•				
	Help	Installed <u>P</u> roducts	< <u>Back</u> Next > Install Cancel	

On the WebLogic Server Configuration Details screen, enter the credentials for the WebLogic Server user account and the Node Manager user account, and validate the path to the Oracle Management Service instance base location.

Note: Ensure that your password contains at least 8 characters without any spaces, begins with a letter, and includes at least one numeric value.

By default, the WebLogic Domain name is GCDOMAIN, and the Node Manager name is nodemanager. These are non-editable fields. The installer uses this information for creating Oracle WebLogic Domain and other associated components such as the admin server, the managed server, and the node manager. A Node Manager enables you to start, shut down, or restart an Oracle WebLogic Server instance remotely, and is recommended for applications with high availability requirements.

Note:

If you are installing in an NFS-mounted location, and if you see an error message prompting you not to enter an NFS-mounted location for the OMS instance base location, then click **Back** repeatedly to reach the Software Updates screen. On the Software Updates screen, select an appropriate option to search and apply the patch 14145094. For more information, click **Help** on that screen.

The patch converts the error message to a warning that you can ignore. The installer exits automatically, applies the patch, and invokes itself again for you to proceed with the installation. Once the installation ends, move the lock file location from the NFS-mounted location to a local file system location. Modify the lock file location in the httpd.conf file to map to the location on the local file system. For instructions, refer to the *After You Install* chapter in the Enterprise Manager Cloud Control Documentation at this link on the **Oracle Technology Network**:

http://docs.oracle.com/cd/E24628_01/index.htm
18. Enter Database Connection Details.

◙	Oracle Enterprise Manager Cl	oud Control 12c Release 2 In	stallation - Step 8 o	f 13			凹
Da	tabase Connection Deta	ils	OF	RACLE	Enterprise N	lanager Clou	d Control 12c
Ŷ	My Oracle Support Details	Database H <u>o</u> st Name	db.host.com				
- 6	Software Updates	Po <u>r</u> t	1521				
- 6	Prerequisite Checks	S <u>e</u> rvice/SID	orcl				
Å	Installation Types	<u>S</u> YS Password	•••••				
- 6	Installation Details						
4	Plug-in Deployment	<u>D</u> eployment Size	SMALL -				
	WebLogic Server Configuration	1					
	Database Connection Details						
	Repository Configuration Detai	i					
¢	Port Configuration Details						
¢	Review						
မဲ	Install Progress						
9	Finish						
		Messages:					
•							
	Help	Installed <u>P</u> roducts		< <u>B</u> a	ck <u>N</u> ext >	Install	Cancel

On the Database Connection Details screen, do the following:

a. Provide details of the existing, certified database where the Management Repository needs to be created. If you have already created a database instance with a preconfigured Management Repository using the database templates offered by Oracle, then provide details about that database instance.

The installer uses this information to connect to the existing database for creating the SYSMAN schema and plug-in schemas. If you provide details of a database that already has a preconfigured Management Repository, then the installer only creates plug-in schemas.

Note:

- If you connect to a database instance that was created using the database template offered by Oracle, then note that the password assigned to the user accounts SYSMAN_MDS, SYSMAN_APM, and SYSMAN_OPSS, which were created while preconfiguring the Management Repository, are automatically reset with the SYSMAN password you enter on the Repository Configuration Details screen (as described in Step 20)).
- Oracle Real Application Cluster (Oracle RAC) nodes are referred to by their virtual IP (vip) names. The service_name parameter is used instead of the system identifier (SID) in connect_data mode, and failover is turned on. For more information, refer to Oracle® Database Net Services Administrator's Guide .
- b. Select the deployment size from the **Deployment Size** list to indicate the number of targets you plan to monitor, the number Management Agents you plan to have, and the number of concurrent user sessions you plan have. The following table describes each deployment size.

Deployment Size	Targets Count	Management Agents Count	Concurrent User Session Count
Small	Up to 999	Up to 99	Up to 10
Medium	Between 1000 and 9999	Between 100 and 999	Between 10 and 24
Large	10,000 or more	1000 or more	Between 25 and 50

For more information on deployment sizes, the prerequisite checks that are run, the database parameters that are set, and how you can modify the deployment size after installation, refer to *Oracle® Enterprise Manager Cloud Control Advanced Installation and Configuration Guide*.

19. Click the Next button.

Note:

- If you connect to a database instance that was created using the database template offered by Oracle, then you will be prompted that the database parameters need to be modified to suit the deployment size you selected. This is because the templates are essentially designed for simple installation, and the database parameters are set as required for simple installation. Since it is used for advanced installation, the parameters must be set to different values. You can confirm the message to proceed further. The installation wizard will automatically set the parameters to the required values.
- If you are connecting to an Oracle RAC database, and if you have specified the virtual IP address
 of one of its nodes, then the installation wizard prompts you with a Connection String dialog and
 requests you to update the connection string with information about the other nodes that are
 part of the cluster. Update the connection string and click **OK**. If you want to test the connection,
 click **Test Connection**.
- If your Oracle RAC database is configured with Single Client Access Name (SCAN) listener, then you can enter a connection string using the SCAN listener.
- Oracle Real Application Cluster (Oracle RAC) nodes are referred to by their virtual IP (vip) names. The service_name parameter is used instead of the system identifier (SID) in connect_data mode, and failover is turned on. For more information, refer to Oracle® Database Net Services Administrator's Guide .
- If you see an error stating that the connection to the database failed with ORA-01017 invalid user name/password, then follow these steps to resolve the issue:

(1) Verify that SYS password provided is valid.

(2) Verify that the database initialization parameter **REMOTE_LOGIN_PASSWORDFILE** is set to Shared or Exclusive.

(3) Verify that password file with the file name orapw<sid> exists in the <oracle_home>/dbs directory of the database home. If it does not, create a password file using the orapwd command.



20. Enter Repository Configuration Details.

0	Oracle Enterprise	Manager Cloud Control 12c R	telease 2 Installation - Step 9 of 13 $ \square$ \times
Rep	ository Configuration I	Details	ORACLE Enterprise Manager Cloud Control 12c
0-0-0-0 0-0-0-0	My Oracle Support Details Software Updates Prerequisite Checks Installation Types	Create S <u>Y</u> SMAN Password Con <u>f</u> irm Password Create Registration Password	
T T	Installation Details	C <u>o</u> nfirm Password	•••••
	WebLogic Server Configuration <u>Database Connection Details</u>	Managemen <u>t</u> Tablespace <u>C</u> onfiguration Data Tablespace	/scratch/aime/DB/oradata/orcl/mgmt.dbf scratch/aime/DB/oradata/orcl/mgmt_ecm_depot1.dbf
0	Repository Configuration Det	J <u>V</u> M Diagnostics Data Tablespace	/scratch/aime/DB/oradata/orcl/mgmt_ad4j.dbf
	Port Configuration Details Review Install Progress Finish	<u>M</u> essages:	Reset to <u>D</u> efault
4			
	<u>t</u> elp	Installed Products	< <u>B</u> ack <u>N</u> ext > Install Cancel

On the Repository Configuration Details screen, do the following:

a. For **SYSMAN Password**, enter a password for creating the SYSMAN user account. The SYSMAN user account is used for creating the SYSMAN schema, which holds most of the relational data used in managing Enterprise Manager Cloud Control. SYSMAN is also the super administrator for Enterprise Manager Cloud Control.

Note:

- Ensure that your password contains at least 8 characters without any spaces, begins with a letter, and includes at least one numeric value.
- If you connect to a database instance that was created using the database template offered by Oracle, then note that the password assigned to the user accounts SYSMAN_MDS, SYSMAN_APM, and SYSMAN_OPSS, which were created while preconfiguring the Management Repository, are automatically reset with the SYSMAN password you enter on this screen.
- **b.** For **Registration Password**, enter a password for registering the new Management Agents that join the Enterprise Manager system.

Note: Ensure that your password contains at least 8 characters without any spaces, begins with a letter, and includes at least one numeric value.

- c. For **Management Tablespace**, enter the full path to the location where the data file for management tablespace (mgmt.dbf) can be stored. The installer uses this information for storing data about the monitored targets, their metrics, and so on. Ensure that the specified path leads up to the file name.
- d. For **Configuration Data Tablespace**, enter the full path to the location where the data file for configuration data tablespace (mgmt_ecm_depot1.dbf) can be stored. This is required for storing configuration information collected from the monitored targets. Ensure that the specified path leads up to the file name. For example:

/u01/oracle/prod/oradata/mgmt_ecm_depot1.dbf

e. For JVM Diagnostics Data Tablespace, enter the full path to a location where the data file for JVM Diagnostics data tablespace (mgmt_ad4j.dbf) can be stored. Ensure that the specified path leads up to the file name. Enterprise Manager Cloud Control requires this data file to store monitoring data related to JVM Diagnostics and Application Dependency Performance (ADP). For example:

/u01/oracle/prod/oradata/mgmt_ad4j.dbf

Note: If you are configuring the Management Repository on a database that uses Oracle Automatic Storage Management (Oracle ASM) for storage, then when you enter the data file location, only the disk group is used for creating the tablespaces. For example, if you specify +DATA/a.dbf, then only +DATA is used for creating the tablespaces on Oracle ASM, and the exact location of the data file on the disk group is decided by Oracle Managed Files.

21. Click the **Next** button.



22. Customize Ports.

0	Oracle Enterprise Manager Cloud Control 12c Release 2 Installation - Step 10 of 13 _ D x							
Por	t Configuration Details		L E [•] Enterprise Manager	Cloud Control 12c				
	My Oracle Support Details Software Updates Prerequisite Checks Installation Types	Configuration of the Enterprise Manager system require internal communication between system components as browser. The table below contains the ports that will be ranges, for each component. By default, the first availab chosen. Import staticports.ini file	es the allocation of several ports to swell as to provide access to the o allocated, along with the recomm ole port in the specified port range	o facilitate console via a ended port e has been				
ΙΥ	Instanation Details:	Component Name	Pecommended Port Pande	Port				
Ϋ́	Select Plug-ins	Enterprise Manager Upload Http Port	4889-4898	4889				
5	WebLogic Server Confiduration	Enterprise Manager Upload Http SSL Port	1159,4899-4908	4903				
T		Enterprise Manager Central Console Http SSL Port	7799-7809	7802				
Y	Database Connection Details	Node Manager Http SSL Port	7401-7500	7403				
	Repository Configuration Detai	Managed Server Http Port	7201-7300	7202				
6	Port Configuration Details	Enterprise Manager Central Console Http Port	7788-7798	7788				
Ť	Tort comignation becaus	Oracle Management Agent Port	3872,1830-1849	1830				
φ.	Review	Admin Server Http SSL Port	7101-7200	7102				
Ϋ́	Install Progress	Managed Server Http SSL Port	/301-/400	17301				
5	Finish							
	<u>N</u>	<u>d</u> essages:						
<u></u>	Help	Installed <u>P</u> roducts	< <u>Back Next > I</u> nst	all Cancel				

On the Port Configuration Details screen, customize the ports to be used for various components.

Note: If all the ports on this screen appear as -1, then it indicates that the installer is unable to bind the ports on the host. To resolve this issue, exit the installer, verify the host name and the IP configuration of this host (ensure that the IP address of the host is not being used by another host), restart the installer, and try again.

You can enter a free custom port that is either within or outside the port range recommended by Oracle.

To verify if a port is free, run the following command:

netstat -an | grep <port no>

However, the custom port must be greater than 1024 and lesser than 65535. Alternatively, if you already have the ports predefined in a staticports.ini file and if you want to use those ports, then click **Import staticports.ini File** and select the file.

Note:

- If the staticports.ini file is passed during installation, then by default, the ports defined in the staticports.ini file are displayed. Otherwise, the first available port from the recommended range is displayed.
- The staticports.ini file is available in the following location:

<Software_Extracted_Location>/response

- 23. Click the Next button.
- 24. Review and Install.

On the Review screen, review the details you provided for the selected installation type.

- If you want to change the details, click **Back** repeatedly until you reach the screen where you want to make the changes.
- After you verify the details, if you are satisfied, click **Install** to begin the installation process.

25. Track the Progress.

On the Install Progress screen, view the overall progress (in percentage) of the installation and the status of each of the Configuration Assistants. Configuration Assistants are run for configuring the installed components of Enterprise Manager Cloud Control.

Note:

• If a configuration assistant fails, the installer stops and none of the subsequent configuration assistants are run. Resolve the issue and retry the configuration assistant.

For more information, see the appendix on troubleshooting tips in the Oracle® Enterprise Manager Cloud Control Advanced Installation and Configuration Guide .

 If you accidently exit the installer before clicking **Retry**, then do NOT restart the installer to reach the same screen; instead, invoke the runConfig.sh script from the OMS home to rerun the Configuration Assistant in silent mode.

\$<OMS_HOME>/oui/bin/runConfig.sh ORACLE_HOME=<absolute_path_to_OMS_home> MODE=perform
ACTION=configure COMPONENT_XML={encap_oms.1_0_0_0_0.xml}

If the runConfig.sh script fails, then clean up your environment and redo the installation.

26. Run Scripts.

Once the software binaries are copied and configured, you are prompted to run the allroot.sh script, and the oralnstRoot.sh script if this is the first Oracle product installation on the host. Open another window, log in as root, and manually run the scripts.

If you are installing on Microsoft Windows operating system, then you will NOT be prompted to run this script. You will directly reach the Finish screen as described in the following step of this procedure.



27. End the Installation.

On the Finish screen, you should see information pertaining to the installation of Enterprise Manager. Review the information and click **Close** to exit the installation wizard.

For more information about this installation, refer to the following file available in the OMS home:

\$<OMS_HOME>/install/setupinfo.txt

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

Note: If you have run the installation wizard and let the installation wizard take corrective actions to correct the repository settings, and if you have exited the wizard without completing the installation process, then remember that the repository settings might not reset to their original values because you abruptly ended the installation. In this case, before invoking the installation wizard again, run the following command to manually reset the values. <software_Location>/install/requisites/bin/emprereqkit -executionType install -prerequisiteXMLLoc <prereq_xml_location> -connectString <connect_string> -dbUser SYS -dbPassword <db_password> -reposUser sysman -reposPassword <repo_user_password> -dbRole sysdba -runPrerequisites - runPostCorrectiveActions -useHistory





4 Set Up the Software Library within Cloud Control

Set 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 entitled: *Import the JD Edwards Application Pack OPAR*.

To set up the Software Library within Cloud Control:



	e Manager Cloud Cont		Setup → Hel	p 👻 📲 SYSMAN 🕴 Log Out - 📿	
🜍 Grid 🗸 🍈 Iargets 👻 🖕 Ea	vorites 👻 🥝 Hist <u>o</u> ry 👻			Search Target Name 👻	+
Summary	stration			Page Refreshed Au	ig 11, 2011 2:18:34 PM MDT 🖒
Monitoring Job Reports	y: Administration or configuring and administerin	ng Software Library storage locations.			
Configuration	Referenced File Locations can be used for uploading files	for Software Library entities.			
Provisioning and Patching Quality Management	Procedure Activity Procedure Library	must be locally accessible by all the OMS instances, typically a mou	inted/shared location. You can optionally configure the com	mon credential to be used by Soft	ware Library for reading/writing
Actions - View - Add	Software Libr	and Remove			
Name swlib1	Database Provisioning Middleware Provisioning	Location /u01/app/swlib1/	Associated Entities Show	Total Space Available Space 100 GB 35.301 GB Th	st Refreshed u Aug 11 14:18:35 MDT 2011
	Patches & Updates Saved Patches				
	Linux Patching				

1. From the Cloud Control Home Page, navigate Grid > Provisioning and Patching > Software Library.



ORACLE Enterprise Manager Cloud Control 12c

	DRACLE Enterprise Manager Cloud Control 12c Setup - Help - 🔛 SysMan Log Out 으							
🎲 Grid 👻 🌀 Iargets 👻 🏫 E	avorites 👻 🥝 Histo	ità 🔺						Search Target Name 🗸 🍑
Software Library								Page Refreshed Aug 11, 2011 2:19:52 PM MDT 💍
Software Library maintains entitie	es that represent soft	ware patches, virtu	al appliance images,	reference gold image	s, application software	and their associated	directive scripts. You c	an pick any of the Oracle-supplied entities, customize them or create a custom
one of your own. Once defined,	these reusable entitie	s can be reference	from a Deployment	Procedure to automa	te the patching, provis	ioning or deployment	of the associated soft	ware.
Actions View - 6d View	w 🥒 Edit 💥 🛙	Delete Find	Name 🗸		+			🔍 Search
Create Entity		Туре	Subtype	Revision	Status	Maturity	Owner	Description
Create Folder							ORACLE	Root Folder for Software Library entities
	ovisioning Utilities						ORACLE	Entities belonging to AS Provisioning
2% Delete Holder	ng						ORACLE	Bare Metal Provisioning directory
Change Maturity							ORACLE	BPEL Provisioning Entities
Create Like	visioning						ORACLE	Coherence Node Provisioning Entities
Grant/Revoke Privileges	Utilities						ORACLE	Directives belonging to Common Provisioning (SIDB and RACPROV and a
Move Entity							SYSMAN	Components Folder
- Add Notes							SYSMAN	Directives Folder
Add Attachments							SYSMAN	Images Folder
Import	-						SYSMAN	Networks Folder
Energy							SYSMAN	Suites Folder
Export							ORACLE	CompositeDeploy Entities
Administration	p components						ORACLE	CVU Prerequisite-fixup components belonging to DB Provisioning
DB Provisioning							ORACLE	Directives and Components belonging to DB Provisioning
Fusion Middleware	Provisioning Utilities						ORACLE	Directives belonging to FMW Provisioning
Dava EE Provisioning	ng						ORACLE	Java EE Application Provisioning Entities
MultiOMS							ORACLE	List of Oracle shipped Directives
OSBProvisioning							ORACLE	OSBProvisioning Entities
▷ Patching							ORACLE	Patching directory
Prerequisite-fixup	components						ORACLE	Prerequisite-fixup components Components belonging to DB Provisionin
🕞 🗀 Self Update							SYSMAN	Archives for Self Update
SoaProvisioning							ORACLE	SOA Provisioning Entities



-

2. On Software Library, navigate Actions > Administration.

ORACLE Enterprise Manager Cloud Control 12c

Setup + Help + 🔛 SYSMAN Log Out 📿 🌍 Grid 👻 🎯 Targets 👻 🐈 Eavorites 👻 🥝 Hist<u>o</u>ry 👻 Search Target Name 🗸 Software Library: Administration Page Refreshed Aug 15, 2011 9:32:59 AM MDT 🖒 Software Library > Software Library: Administration The administration console allows for configuring and administering Software Library storage locations. Upload File Locations Referenced File Locations Configure storage locations that can be used for uploading files for Software Library entities. Storage Type OMS Shared Filesystem 💌 Configure filesystem locations on OMS Host(s). These locations must be locally accessible by all the OMS instances, typically a mounted/shared location. You can optionally configure the common credential to be used by Software Library for reading/writing from/to-a location. Actions - View - 🕂 Add... / Edit... 💥 Migrate and Remove Total Available Space Space Last Refreshed Name Status Location Associated Entities

3. On Software Library: Administration, click the Add button.

Add OMS Sh	ared Filesystem Location	×				
Provide a name and file system location. The location should be accessible from all the Oracle Management Server(OMS) instances.						
* Name	swlib1					
* Location	/u01/app/swlib1					
	OK Cance	:				



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

• Name

Provide a name for the Software Library. For example:

swlib1

• Location

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

/u01/app/swlib1

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

ORACLE Enterprise Manager Cloud Control 12	2c		Setup 🗕 Help 🗕 👫 SYSMAN	Log Out 🧕		
😺 🔯 🕘 Targets 🗸 🏫 Eavorites 🗸 🤗 Hist <u>o</u> ry 🗸			Search Target Name 👻	+		
Software Library: Administration			Page Refreshed Aug 15, 2011 9:32:5	9 AM MDT 🖒		
Software Library > Software Library: Administration						
The administration console allows for configuring and administering	g Software Library storage locations.					
Upload File Locations Referenced File Locations						
Configure storage locations that can be used for uploading files fo	or Software Library entities.					
Storage Type OMS Shared Filesystem 💌						
Configure filesystem locations on OMS Host(s). These locations must be locally accessible by all the OMS instances, typically a mounted/shared location. You can optionally configure the common credential to be used by Software Library for reading/writing from/to a location.						
Actions 🗸 View 🗸 💠 Add 🥢 Edit 💥 Migrate and	nd Remove					
Name Status Lo	ocation	Associated Entities	Total Available Space Space Last Refreshed			
swlib1 Active /u0	u01/app/swlib1/	Show	100 GB 34.866 GB Mon Aug 15 09:33:0	01 MDT 2011		





5 Import the JD Edwards Application Pack OPAR

Import 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 entitled: *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 entitled: *Set Up the Software Library within Cloud Control*.

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

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

cd /u01/app/emgc12/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 12c Release 12.1.0.3.0.
Copyright (c) 1996, 2011 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/12.1.0.3.0_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.





6 Deploy 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 Overview Server Manager for JD Edwards EnterpriseOne in this guide.

Oracle Database for Cloud Control Repository

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

Oracle Enterprise Manager Cloud Control

Refer to Oracle Enterprise Manager Cloud Control and Install Enterprise Manager Cloud Control in this guide.

CAUTION: As a post installation step, you must also follow the solution instructions on **My Oracle Support** in Document ID 1565988.1. In that document, refer to Issue #2, JDE Application Pack Deployment Issue in Windows EM12C (Bug 16492405).

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

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

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

You should 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 Setup > Extensibility > Plugins

ORACLE Enterprise Manager Cloud Control 12c	<u>S</u> etup + <u>H</u> elp + <u>I</u> SYSMAN Lo	og Out 🤤
😚 Grid 🕶 🔞 Iargets 🕶 🌟 Eavorites 👻 🥝 Hist <u>o</u> ry 🕶	Search Target Name 🗸	+
Plug-ins	Page Refreshed Aug 16, 2011 9:38:26 AM	4 MDT 🖒

This page displays the list of plug-ins available, downloaded and deployed in the Enterprise Manager environment. Plug-in lifecycle actions such as deploy/undeploy of Plug-ins on Management Server and Management Agents can be initiated from here.

Actions - View - 🖳 Deploy On 👻	🛐 Undeploy From	~			
			Version M		Description
Name	Latest Available	Latest Downloaded	On Management Server	Agent with Plug-in	Description
V 🔄 Applications					
Dracle Fusion Applications	12.1.0.0.0	12.1.0.0.0		0	FA Plugin consists of monitoring and management for Oracle Fusion and diagnostics in fusion application a
Oracle Jdedwards EnterpriseOne	12.1.0.3.0	12.1.0.3.0 🖳	12.1.0.3.0	1	Oracle Jdedwards EnterpriseOne Plugin consists of monitoring and management for Oracle Jdedwards Ent
Oracle Siebel	12.1.0.0.0	12.1.0.0.0 👰		0	Oracle Siebel Plugin consists of monitoring and management for Oracle Siebel area.
Databases					
Oracle Fusion Middleware	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle FMW Plugin consists of monitoring and management for Oracle Fusion Middleware and diagnostics i
Servers, Storage and Network					
Oracle Beacon	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
Oracle Chargeback And Trending	12.1.0.0.0	12.1.0.0.0 🖳		0	Oracle Enterprise Manager Chargeback, Consolidation and Trending Plugin
Oracle Exadata	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Exadata plugin provides comprehensive management for Oracle Exadata and related targets such a
Oracle MOS (My Oracle Support)	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle MOS plugin provides support for My Oracle Support features such as Knowledge, Service Requests
					·



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

Oracle JD Edwards EnterpriseOne

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



You can only deploy a plugin if the above icon is displayed.



ORACLE Enterprise Manager Cloud Control 12c								
🌍 Grid 👻 🌀 Targets 👻 🛧 Favorites 👻 🄇	⊙ Hist <u>o</u> ry ↓							
Plug-ins	Plug-ins							
This page displays the list of plug-ins available, from here.	, downloaded and deplo	oyed in the Enterprise Manag						
Actions 🗸 View 🗸 🚳 Deploy On 🗸	📴 Undeploy From 🖣	·						
News		Version						
Name	Latest Available	Latest Downloaded						
V 🚞 Applications								
Oracle Fusion Applications	12.1.0.0.0	12.1.0.0.0 🚳						
Oracle Identivards EnternriseOne	121030	12 1,0.3.0 👰						
💵 Oracle 🖳 Deploy On 🔹 🕨	Management Server	s0.0.0 👰						
Databases 🚳 Undeploy From	Management Agent							
💵 Oracle Fu: 🕍 Information	12.1.0.0.0	12.1.0.0.0						
Collapse								
Oracle Be	12.1.0.0.0	12.1.0.0.0						
Oracle Chi	12.1.0.0.0	12.1.0.0.0 👰						
Oracle Exa	12.1.0.0.0	12.1.0.0.0						
Oracle MC Show as Top	12.1.0.0.0	12.1.0.0.0						



3. With the undeployed plugin highlighted, right click and choose Deploy On > Management Servers...

Deploy Plug-in on Management Se	ervers	×
General		
Name	Oracle Jdedwards EnterpriseOne	
Version	12.1.0.3.0	
* Repository SYS Password		
Target Types		
Name Supp	ported Target Versions	
Version of Oracle Jdedwards Enter Version 12.1.0.0.0	terpriseOne Plug-in Currently Deployed	
Target Types		
Name Supp	ported Target Versions	
No Target Type Information Availabl	le	
	Continue Canc	el
		.al

4. On Deploy Plug-in on Management Servers, General, enter the password for the SYS user of the EM repository.



5. Click the **Continue** button.

Deploy Plug-in on Management Servers						
P	re-requisite Checks					
	🕒 Pre-requisite Che	cks - In Progress	-			
			P			
	Name Version	Oracle Jdedwards EnterpriseOne 12.1.0.3.0				
	Management Serve	rs	Pre-requisite Name		Status	
-						
				Back Next	Cancel	
				Пале		

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



Deploy Plug-in on Management Servers

Pre-requisite Checks

Pre-requisite Checks - Completed Successfully

Name Oracle Jdedwards EnterpriseOne

Version 12.1.0.3.0

	Management Servers	Pre-requisite Name	Status
\triangleright	denlx01:4889_Management_Service	Initialize	v
⊳	denlx01:48	Install software	v
⊳	denlx01:4889_Management_Service	Validate plug-in home	\checkmark
\triangleright	denlx01:4889_Management_Service	Perform custom pre-configuration	v
⊳	denlx01:4889_Management_Service	Check mandatory patches	\checkmark
⊳	denlx01:4889_Management_Service	Generate metadata SQL	v
⊳	denlx01:4889_Management_Service	Pre-configure repository	v

Back Next Cancel

×

6. On Deploy Plug-in on Management Servers, Pre-requisite Checks, verify the checks completed successfully and click the **Next** button.

Deploy Plug-in on Management Servers		×
Review Deployment of plug-in on Management Server will require from the Enterprise Manager. During downtime period, use Enterprise Manager will not monitor any targets Oracle recommends that you take a backup of repository or ensure a * Have you backed up the repository?	e downtime. All currently connected users will get dis sers will not be able to connect to Enterprise Manage appropriate recovery plan is in place prior to deploying the p	sconnected er and blug-in
Name Oracle Jdedwards EnterpriseOne		
Management Servers		
Name	Currently Deployed Plug-in Version 12.1.0.0.0	
denlx01:4889_Management_Service		
	Back Deploy	Cancel

On Deploy Plug-in on Management Servers, Review, 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.

7. Oracle recommends that you backup the repository or ensure appropriate recovery plans are in place prior to deploying the plug-in. Before you can proceed, you must click this checkbox:

Have you backed up the repository?

8. Click the **Deploy** button.

×

Deploy Plug-in on Management Servers

Confirmation

✓ The deployment of plug-in "Oracle Jdedwards EnterpriseOne" version 12.1.0.3.0 is in progress.

You can monitor the progress using following command

emcli get_plugin_deployment_status -plugin_id=oracle.apps.jded

	Show Status Close



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

ORACLE E	terprise Ma	nager					Setup - Hel	p 🔻 🙎 SYSMAN 🛛 Log Out 🧲
🜍 Grid 👻 🁩 Iargets	👻 👷 Eavorites	👻 🕝 Hist <u>o</u> r	y -				Search Target Name 👻	÷
Plug-ins							Page Refreshed A	ug 9, 2011 2:49:28 PM MDT 💍
Plug-ins > Deployment A	tivities							
Deployment Activ	ities							
✓ Search								
	Name	oracle.apps.ic	ied 🗸					
	Submitted	Last 1 Day	×					
	Destination	case i bay						
	Descination	South						
		bearch						
Name	Statu	s Version	Content Type	Destination	Job	Name	Start Time	End Time
oracle.apps.jded	9	12.1.0.0.0	Plugin	denlx01:4889_Management	_Service Plug	gin_Deployment_104_oracle.apps.jded	August 9, 2011 2:49:08 PM	GM'
oracle.apps.jded	×	12.1.0.0.0	Plugin	denlx01:4889_Management	_Service		August 9, 2011 2:34:09 PM	GM August 9, 2011 2:38:57 PM GM
oracle.apps.jded	~	12.1.0.0.0	Plugin	denlx01:3872			August 9, 2011 2:24:39 PM	GM August 9, 2011 2:25:18 PM GM
oracle.apps.jded	~	12.1.0.0.0	Discovery	denlx01:3872			August 9, 2011 2:24:39 PM	GM August 9, 2011 2:25:18 PM GM
Deployment Steps	oracle.apps.jd	led						_ _
Step		Status	Start Time	End Time	Job Step Name	Trace File	Log File	
Submitted		v	August 9, 2011 2:49:08 PM	GM August 9, 2011 2:49:08 PM GM	r	emoms.trc	emoms.log	
Copying bits		v	Aug 1 9, 2011 2:49:16 PM	GM' August 9, 2011 2:49:16 PM GM	CopyPluginOMSArchives	emoms.trc	emoms.log	
			10					

The EM interface shows the beginning progress of the deployment.

However, since OMS is shut down during the deployment process, after a certain point in the deployment you cannot use the EM user interface to check the status and verify that it is complete and that OMS is backup.

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 EM database as shown in the sample below.

🚥 Telnet den1x01

```
[oracle@denlx01 bin]$ ./emctl status oms -details
Oracle Enterprise Manager 12c Release 1 Grid Control
Copyright (c) 1996, 2011 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.



JD Edwards EnterpriseOne	
Application Pack for Oracle Enterprise Manager Clou	d
Control 12c Implementation Guide	

Step	Start Time	End Time	Status
Submitted 📐	8/9/11 2:49:08 PM MDT	8/9/11 2:49:08 PM MDT	Success
Copying bits	8/9/11 2:49:16 PM MDT	8/9/11 2:49:16 PM MDT	Success
Initializing	8/9/11 2:49:35 PM MDT	8/9/11 2:49:35 PM MDT	Success
Software only install	8/9/11 2:49:35 PM MDT	8/9/11 2:49:40 PM MDT	Success
Pre deployment sanity check	8/9/11 2:49:40 PM MDT	8/9/11 2:49:40 PM MDT	Success
Plugin custom pre configuration	8/9/11 2:49:40 PM MDT	8/9/11 2:49:40 PM MDT	Success
Check mandatory patches for plugin	8/9/11 2:49:40 PM MDT	8/9/11 2:49:40 PM MDT	Success
Extract patches for plugin	8/9/11 2:49:40 PM MDT	8/9/11 2:49:40 PM MDT	Success
Metadata SQL generation	8/9/11 2:49:40 PM MDT	8/9/11 2:49:46 PM MDT	Success
Pre repository configuration	8/9/11 2:49:46 PM MDT	8/9/11 2:49:46 PM MDT	Success
Stopping OMS	8/9/11 2:49:46 PM MDT	8/9/11 2:50:05 PM MDT	Success
Repository configuration	8/9/11 2:50:05 PM MDT	8/9/11 2:52:32 PM MDT	Success
Middletier configuration	8/9/11 2:52:32 PM MDT	8/9/11 2:53:52 PM MDT	Success
Registering plugin metadata	8/9/11 2:53:52 PM MDT	8/9/11 2:53:54 PM MDT	Success
Plugin custom post configuration	8/9/11 2:53:54 PM MDT	8/9/11 2:53:54 PM MDT	Success
Updating inventory	8/9/11 2:53:54 PM MDT	8/9/11 2:53:55 PM MDT	Success
Starting OMS	8/9/11 2:53:55 PM MDT	N∕A	Running

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





7 Deploy 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 entitled: *Import the JD Edwards Application Pack OPAR*
- Deployed the JDE AppPack into the Management Server (OMS) as described in the chapter of this guide entitled: *Deploy the JDE App Pack into the Management Server*

Deploy 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. In Oracle Enterprise Manager Cloud Control, navigate Setup > Extensibility > Plugins.
| ORACLE Enterprise Manager Cloud Control 12c | | | | | | | | | |
|---|-------------------|-------------------|--|--|--|--|--|--|--|
| 🔯 <u>G</u> rid 👻 🗑 <u>T</u> argets 👻 🛧 Favorites 👻 🥝 Hist <u>o</u> ry 👻 | | | | | | | | | |
| Plug-ins | | | | | | | | | |
| This page displays the list of plug-ins available, downloaded and deployed in the Enterprise Mana from here. | | | | | | | | | |
| Actions - View - 👰 Deploy On 🗸 | 🙀 Undeploy From 🖣 | - | | | | | | | |
| Marria | | Version | | | | | | | |
| Name | Latest Available | Latest Downloaded | | | | | | | |
| | | | | | | | | | |
| Oracle Fusion Applications | 12.1.0.0.0 | 12.1.0.0.0 👰 | | | | | | | |
| Oracle Communic Entransity of the Communication of | 121030 | 12 1 0.3.0 🖳 | | | | | | | |
| Deploy On | Management Serve | ers 0.0.0 🚳 | | | | | | | |
| Databases 4 Undeploy From | Management Agen | t | | | | | | | |
| 💵 Oracle Fusi 🕍 Information | 12.1.0.0.0 | 12.1.0.0.0 | | | | | | | |
| Servers, St Collapse | | | | | | | | | |
| Oracle Bea Expand All Below | 12.1.0.0.0 | 12.1.0.0.0 | | | | | | | |
| Oracle Cha | 12.1.0.0.0 | 12.1.0.0.0 👰 | | | | | | | |
| Oracle Exa | 12.1.0.0.0 | 12.1.0.0.0 | | | | | | | |
| Oracle MO | 12.1.0.0.0 | 12.1.0.0.0 | | | | | | | |

2. With the undeployed plugin highlighted, right click and choose Deploy On > Management Agent...



eploy Plug-in on Management Agent							
General							
	Name	Oracle Jdedwards En	terpriseOne				
	Version	12.1.0.3.0	~				
Target Types							
Name	Supp	ported Target Versions					
Selected Manage	ement Agent Remove		\$				
Management Age	nt		Operating System	Deployed Version	Status		
					Next Cance		

3. On Deploy Plug-in on Management Agent, General, in the **Selected Management Agen**t section, click the **Add** button to add the JD Edwards EnterpriseOne target.

Search and Se	lect: Targe	ts - Oracle Enter	rprise Manager		×
Search and	Select: T	argets			0
Select Sta	atus Up Age	ents where orac	le.apps.jded is not	deployed	
Target Type	Agent		-		
Target Name					
On Host					
		Se	arch		
Target Name	•	Target Type	On Host	Statu	IS
denlx01:387	⁷² N	Agent	denlx01	Û	
	43				
Targets Selected	1:1	Mode: Multi-Selec	t		
				Select	Cancel



4. On Search and Select: Targets - Oracle Enterprise Manager, highlight the target which is automatically found by Enterprise Manager and click the **Select** button.



eneral					
	Name	Oracle Jdedwards Enterp	priseOne		
	Version	12.1.0.3.0	*		
arget Types					
Jame	Sup	ported Target Versions			
Selected Manager	nent Agent				
🛖 Add 💥 R	emove		Operating System	Deployed Version	Status
Management Agent					Statas
denlx01:3872			Linux		€ C

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

×

Deploy Plug-in on Management Agent

Review

A Deployment of plug-in on managed host will restart the agent.

Name oracle.apps.jded

Version 12.1.0.3.0

Selected Management Agent

Management Agent	Operating System	Deployed Plug-in Version	Status
denlx01:3872	Linux x86		Û





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



6. Click the **Deploy** button.

Deploy Plug-in on Management Agent	×
Confirmation	
The deployment of plug-in "oracle.apps.jded" version 12.1.0.3.0 has started on selected hosts.	
You can monitor the status of deployment in plug-in Deployment Activities Page	
You can also monitor the progress using following command emcli get_plugin_deployment_status -plugin_id=oracle.apps.jded	
	Show St Lus OK

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

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🔯 Grid 👻 🌀 Iargets 👻	🐈 Eavorites 🔹	🖌 🕝 Hist <u>o</u> ry					Search Target Name 👻	÷
Plug-ins							Page Refreshed Au	ig 9, 2011 3:05:21 PM MDT 🖒
Plug-ins > Deployment Acti	vities							
Deployment Activit	ies							
Name	Status	Version	Content Type	Destination		Job Name	Start Time	End Time
oracle.apps.jded	~	12.1.0.3.0	Plugin	denlx01:3872		Plugin_Deployment_105_oracle.apps.jded	August 9, 2011 3:03:47 PM (GM August 9, 2011 3:04:58 PM GM
oracle.apps.jded	~	12.1.0.3.0	Discovery	denlx01:3872		Plugin_Deployment_105_oracle.apps.jded	August 9, 2011 3:03:40 PM (GM August 9, 2011 3:03:46 PM GM
Deployment Steps : o	racle.apps.jde	d	4					
Stept		Status	Start Time	End Time	Job Step Name	Trace File	Log File	
Initializing		×	August 9, 2011 3:03:47 PM	1 GM' August 9, 2011 3:03	3:47 PM GM	emoms.trc	emoms.log	
Updating inventory		×	August 9, 2011 3:03:47 PM	1 GM' August 9, 2011 3:04	1:58 PM GM"	emoms.trc	emoms.log	
Starting Agent		 Image: A set of the set of the	August 9, 2011 3:03:47 PM	1 GM August 9, 2011 3:04	HS8 PM GM	emoms.trc	emoms.log	

The EM 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 and that the Cloud Control session will soon be available.

8 Using Cloud Control with JD Edwards EnterpriseOne

Additional Information for Cloud Control

For additional information, refer to these Cloud Control resources:

• Enterprise Manager Documentation

http://download.oracle.com/docs/cd/E11857_01/index.htm

The above Oracle web site 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 specified.
- The SYSMAN account is automatically configured to receive email notifications, if you provided the email
 notification settings at installation time. Email notifications are set up with default Notification Rules for the
 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 log in.



Accessing the Cloud Control Console

To access Cloud Control, use the syntax of one of these URLs to log in to the Cloud Control console:

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

For example:

https://machine_host.example.com:1159/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, you can use Setup > My Preferences to make any other page in Enterprise Manager 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: *JDE EnterpriseOne Domain Home Page*.



ORACLE Enterprise Manager Cloud Control 12c	<u>S</u> etup 🗸 <u>H</u> elp 🗸 🗾 SYSMAN Log Out 📿
🜍 <u>G</u> rid 👻 🌀 Targets 👻 🚖 Favorites 👻 🥝 Hist <u>o</u> ry 👻	Search Target Name 🗸
Select Enterprise Manager Home	
You can choose a grid home page from one of the following options. If these options other page in Enterprise Manager as your home page.	do not match your job profile or role, then using Setup > My Preferences you can make any
Summary Summary page provides a complete and consolidated view of targets monitored by Enterprise Manager.	Databases Monitor any database instance or RAC database right on the homepage. Check the load, memory consumption and any issues related to the target.
Select As My Home	Select As My Home
Incidents	SOA
Incident Manager helps users track, diagnose and resolve issues identified acro targets by Enterprise Manager.	An enterprise level view for all the SOA targets with the Alerts, Policy Violations, and critical metrics. It provides details of SOA Composites, BPEL 10g Process, OSB Services and Web Services.
, Select As My Home	Select As My Home
Middleware With the second se	Composite Application
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Targets

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

ORACLE Enterprise Manager								
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_	Groups							
	Systems							
	Services							
	Hosts							
	Databases							
	Middleware							
	Composite Ap	oplications						

Adding the JD Edwards EnterpriseOne Domain

CAUTION: In order for the discovery of the JD Edwards EnterpriseOne Application Pack to succeed, you must also follow the solution instructions on **My Oracle Support** in Document ID 1565988.1. In that document, refer to Issue #1, entitled: JDE Server Manager Discovery Issue. This refers to Bug 14734720 which is fixed for the Oracle Enterprise Manager Cloud Control. The backport to EM12cR2 (tracked as BLR bug 14753429) is available on ARU in Patch Request 15585007.

To add the JD Edwards EnterpriseOne domain to Cloud Control:

ORACLE Enterprise Manager Cloud Co	ontrol 12c
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Systems	
A system is a collection of related manageable entities which to	ogether provide one or more business fu
✓ Search	
Type All Search Advanced Search	Save Search Criteria
View 🗸 🥖 Edit 💥 Remove 📄 Customize Page	JDE EnterpriseOne Domain
Name	Access Manager - Access System Access Manager - Identity System Database System Exalogic Elastic Cloud
/EMGC_GCDomain/GCDomain	Generic System
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Identity Federation System
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	Identity Manager System
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCM	Redundancy System

1. On **Targets > Systems**, use the domain selection pulldown menu to select this domain:

JDE EnterpriseOne Domain

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A	system	is a collection	n of related mana	geable entities which	together provide one o	r more business f	unctions. Merr	nbers of any system can have well-defined relationships amongst	themselves, calle	d associations.							_
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	Туре			Name													- 11
		Sear	ch Advanced	Search													- 11
								~									- 11
	View 🗸	∙ ∥ Edit	X Remove	Customize Page	JDE EnterpriseOne D	Domain 🕓	🖥 🛁 Add	Fri Detach									_
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			-								4	습 e	10	0	8		P
	/EN	MGC_GCDom	ain/GCDomain					Oracle WebLogic Domain	n/	Application Depl	3	6 .	• •	3	2	-	·
	/EN	MGC_GCDom	ain/GCDomain/EM	IGC_ADMINSERVER/o	racle.security.apm(11.1	1.1.3.0)		Application Deployment	4	Host(1)	-	1 .	-	1	1		·
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/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater		Application Deployment	1	Host(1)	-	1 -	-										
/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.oes.pd(11.1.1.3.0)			Application Deployment	4	Host(1)	-	1 .	-	1		-	-					
/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.security.apm(11.1.1.3.0)			Application Deployment	4	Host(1)	-	1 .	-	1	•	-	•					
dev_env_globalwin2.mlab.jdedwards.com			JDE EnterpriseOne Domain	n/	EnterpriseOne N	-	4	· 1									
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	⊳ Ma	anagement Se	rvices and Repos	sitory				OMS and Repository	1	Application Depl	2	8	-	2	6	2	-



2. On Systems, with the JDE EnterpriseOne Domain selected, click the Add button.

ORACLE Enterprise Manager

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👒 Grid 👻 🔘 Iargets 👻 🛧 Eavorites 👻 🤗 Histor	Search Target Name 🗸	÷
Add JDE EnterpriseOne Domain Enter required parameters needed to discover all targets	within a JDE EnterpriseOne Domain managed by Server Manager. All EnterpriseOne targets will be discovered and pulled into Enterprise Manager as a part of this proc	Cancel OK
* EnterpriseOne Domain Target Name	dev_env Name of target to be created. (Server Manager host will be appended if not already in the string provided.)	
* Enterprise Manager Agent Host Machine	denk01	
* Server Manager Host	dendv030.mlab.jdødwards.com Server Manager Host for this target.	
* Server Manager HTTP Port	8999 Server Manager HTTP Port used.	
* Server Manager JMX Port	14501 KS Server Manager JMX Port used.	
* Server Manager Admin User	jde_admin Server Manager jde_admin User (This should not be changed from the default jde_admin user.)	
* Server Manager Admin Password	Server Manager jde_admin Password.	
		Cancel OK

3. On **Add JDE EnterpriseOne Domain**, 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, your target name might be **dev_env**.

^o Enterprise Manager Agent Host Machine

Enter the machine name on which the Enterprise Manager agent is installed. For example, your machine name might be: **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, your machine name might be: **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.



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





5. As it adds the JD Edwards Domain and associated targets, Cloud Control performs these 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 below.



	Setup 👻 Help 👻 🔡 SYSMAN Log Out
🗊 Grid 👻 👩 Iargets 👻 🌟 Eavorites 👻 🤗 History 👻	Search Target Name 🗸
dev_env_dendv030.mlab.jdedwards.com [®] © Custom Menu +	Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🕻
General Owner SYSMAN Priv≥ Propagation Disabled	Status S Members 🏠 5 Up Most Affected Members (Last 24 Hours) () Name N
Sissues Overview Incidents Open 0 Category Availability Availability Category Category	densun29 [Ju01/dedwards/DDE_HOME] Image: Construction of the construction of
Performance	Compliance Summary Compliance Standards View + View Trends
Open 0 ✓ Jobs Activity ©•	Name Average Score No data to display
For jobs whose start date is within the last 7 days. Submitted to JDE Enterpris Any Member Domain	
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JDE EnterpriseOne Domain Home Page

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dev env globalwin2.mlab.idedwards.com	JDE EnterpriseOne Domain	n/a	- 4 - 1	EnterpriseOne Managed Home(3),				
EMGC_GCDomain	Oracle Fusion Middleware Farm	n/a	3 6	Application Deployment(6), Oracle	3	2	-	-
Management Services and Repository	OMS and Repository	Ŷ	2 8	Application Deployment(5), Oracle	2	6	2	-
Columns Hidden 8								

1. On Targets > Systems, select the row where the Type column is JDE EnterpriseOne Domain.



ORACLE Enterprise Manager

ORACLE Enterprise Manager												
1	🖕 Grid 🕶 🌀 Targets 🖛 🌟 Eavorites 🕶 🥝 Hist <u>o</u> ry 🕶							earch Target Name 👻				+
Systems Page Refreshed Aug 1, 2011 1:18:32 PM MDT 🖒												
A	A system is a collection of related manageable entities which together provide one or more business functions. Members of any system can have well-defined relationships amongst themselves, called associations.											
r.	✓ Search											
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	/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Application D	eployment	Û	-	1	-	- Host(1)				
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	/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.oes.pd(11.1.1.3.0)	Application D	eployment	4	-	1	-	- Host(1)	1	-	-	-
	/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.security.apm(11.1.1.3.0)	Application D	eployment	4	-	1	-	Host(1)	1	-	-	-
	dev_env_globalwin2.mlab.jdedwards.com	JDE Enterpris	eOne Domain	n/a	-	4	- ()	EnterpriseOne Managed Home(3),				
	EMGC_GCDomain	Oracle Fusion	Middleware Farm	n/a	3	6	-	 Application Deployment(6), Oracle 	3	2	-	-
	Management Services and Repository	OMS and Rep	ository	Ŷ	2	8	-	 Application Deployment(5), Oracle 	2	6	2	-



2. On Systems, with the JDE EnterpriseOne Domain row highlighted, click the **Edit** button to display the Home page of the JDE EnterpriseOne Domain, as shown below.

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.



ORACLE Enterprise Manager Cloud Control 12c	Setup 🗸 Help 🖌 🔝 SYSMAN Log Out
🚏 Grid 👻 🎯 Iargets 👻 🌟 Eavorites 👻 🥝 History 👻	Search Target Name 🗸
dev_env_dendv030.mlab.jdedwards.com 🛛	🔞 Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🗘
General Owner SYSMAN Privage Propagation Disabled	S Status S Members 🏠 5 Up Most Affected Members (Last 24 Hours) ③ Name
Second	densun29 [/u01/idedwards/DDE HOME] Image: Construction of the image: Con
Performance	Compliance Summary Compliance Standards Members View + View Trends
Open 0	Name Average Score No data to display
✓ Jobs Activity For jobs whose start date is within the last 7 days. ✓ Status ✓	
Problem Executions 0 00 Action Required Executions 0 00 Suspended Executions 0 0 Scheduled Executions 0 0	✓ Dependent Targets ✓



3. Another way to navigate to the JD Edwards EnterpriseOne Domain Home page is on Systems, on the row with the JDE EnterpriseOne Domain, click the hyperlink in the Name column where the Type column is JDE EnterpriseOne Domain. This is shown in the example below.



Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

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/EMGC_GCDomain/GCDomain	Oracle WebLogic Domain	n/a Application Deployment(3), Metad	- 7	-	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1	Application Deployment	Application Deployment(3), Host(1	- (5 -	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1	Application Deployment	Application Deployment(3), Oracle	- (5 -	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1	Application Deployment	Application Deployment(3), Oracle	- (5 -	-	-	-
dev_env_globalwin2.mlab.jdedwards.com	JDE EnterpriseOne Domain	n/a EnterpriseOne Managed Home(3),	1 4	-	-	1	-
EMGC_GCDomain	Oracle Fusion Middleware Farm	n/a Application Deployment(3), Metada	- 7	7 -	-	-	-
Management Services and Repository	OMS and Repository	TApplication Deployment(3), Oracle	- 9	-	-	-	21



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 Setup > My Preferences > Set Current Page as My Home (see below figure).

ORACLE Enterprise Manager Cloud Control 12c		Setup - Help - SYSMAN Log Out
🎲 Grid 🗕 🐻 Targets 🗸 🐈 Eavorites 👻 🔗 Hist <u>o</u> ry 🗸	Set Current Page as My Home	rg (My Preferences)
dev. env. globalwin? mlab idedwards.com (1)	Select My Home	Add Target +
	Enterprise Manager Password & Email	Agents
	Personalize Page	Post Upgrade Tasks
	Command Line Interface	Extensibility •
Edit JDE EnterpriseOne Domain : dev_env_globalwin2.mlab	Accessibility	Proxy Settings
Components Tanalagy Charts Columns Dashboard		Security +
components ropology charts countins basilboard		Incidents +
		Notifications +
Components		Provisioning and Patching
Parrier Last		My Oracle Support
kemove		Middleware Diagnostics
Select All Select None		Management Services and Repository
Select Name 📥	Туре	Management Packs
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Members of the JD Edwards EnterpriseOne Domain

To display members of the JD Edwards EnterpriseOne Domain:



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Home	
Monitoring •	
Control •	
Job Activity	
Information Publisher Reports	
Members •	Show All
Refresh Discovery	Topology
Server Manager	Dashboard
Configuration •	Operations
Compliance •	History
Target Setup	
Target Information	

1. With the JD Edwards EnterpriseOne Domain displayed, in the upper left hand portion of the Cloud Control display, choose the **Custom Menu** pulldown, and then **Members** and **Show All**.



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

ORACLE Enterprise Manager Cloud C	control 12c	<u>S</u> etup ▼ <u>H</u> elp	🗸 📲 SYSMAN 🛛 Log Out 🖕				
🖘 Grid 🗸 🎯 Targets 🗸 🐈 Eavorites 🗸 🤗 Hist <u>o</u> ry	▼	Search Target Name 👻					
dev_env_globalwin2.mlab.jdedwards.com ④							
Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com							
	Page Refro	eshed Aug 24, 2011 12:04:5	8 PM GMT-06:00 Refresh				
View All Members Direct Members							
Search All							
		30					
Name A	Туре	Status	Incidents				
Name densun31_[/u01/jde_homewls]	Type EnterpriseOne Managed Home	Status	Incidents 0 0 0				
Name A densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME]	Type EnterpriseOne Managed Home EnterpriseOne Managed Home	Status	Incidents 0 0 0 0 0				
Name A densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME] E900_EntServer_Sun31_densun31	Type EnterpriseOne Managed Home EnterpriseOne Managed Home EnterpriseOne Enterprise Server	Status Cr Cr U U U U U U U U U U U U U	Incidents 0 0 0 0 0				
Name A densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME] E900_EntServer_Sun31_densun31 GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	Type EnterpriseOne Managed Home EnterpriseOne Managed Home EnterpriseOne Enterprise Server EnterpriseOne Managed Home	Status	Incidents 0 0 0 0 0 0 0 0				

Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)

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

	≦etup ▼ Help ▼	SYSMAN 🛛 Log Out 📿
📦 Grid 🔻 🎯 Iargets 👻 📩 Eavorites 👻 🤗 History 👻	Search Target Name 🛩	+
dev_env_dendv030.mlab.jdedwards.com () O Custom Menu +	🔂 Page Refreshed Aug 19, 2011	10:49:34 AM GMT-06:00 🖒
General @- Owner SYSMAN Privisge Propagation Disabled	S Status 5 Members	۵۰ ۱
Second	densun29 [/u01/idedwards/IDE_HOME] Image: Construction of the image: Construction o	3 8 8 8 8
Security	Compliance Summary Compliance Standards Members	0.
Problems	View Trends	
Open 0	Name Average Score	
→ Jobs Activity ② ▼ For jobs whose start date is within the last 7 days.		
Status JDE Enterpris Any Membe	r	
Problem Executions 0 Action Required Executions 0 Suspended Executions 0 Scheduled Executions 0 Running Executions 0	Source Status Association No dependent targets. Association Association	<u>ی</u> .

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




2. Cloud Control displays this warning page:

ORACLE Enterprise Manager Cloud Control 12c	<u>S</u> etup 🗸	<u>H</u> elp 🔻	sysman	Log Out	0
💝 Grid 👻 🌀 Targets 👻 🏫 Eavorites 👻 🥝 History 👻	Search Target Name 🔫				→
dev_env_globalwin2.mlab.jdedwards.com () Custom Menu +					
Warning Refreshing the JDE EnterpriseOne Domain target dev_env_globalwin2.mlab.jdedw like to refresh EnterpriseOne targets?	wards.com. Would you			No Yes	S



3. On the Warning screen for refreshing the JD Edwards Enterprise Domain, verify the target and click the **Yes** button to complete the refresh action.



The Cloud Control system processes the refreshing of the JD Edwards EnterpriseOne Domain and associated targets. When the process is complete, you are returned to the JD Edwards EnterpriseOne Domain Home Page.



	Setup 🕶 Help 🖛 🛛 🎎 SYSMAN 🛛 Log Out
🚏 Grid 🔻 🎯 Iargets 👻 📩 Eavorites 👻 🤗 Hist <u>o</u> ry 👻	Search Target Name 🗸
dev_env_dendv030.mlab.jdedwards.com () @ Custom Menu +	Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🕻
General Owner SYSMAN Privesge Propagation Disabled	Status Or Status Or Status Or Status Status Availability (%)
✓ Issues Overview ⊘ ▼ Incidents Open 0 Category Open 0 Availability •	densun29 [/w01/idedwards/DE_HOME] Image: Construction of the image: Cons
Performance	Compliance Standards Members Wew + Wew Trends
Open 0	Name Average Score No data to display
Jobs Activity For jobs whose start date is within the last 7 days.	
Status JOE Enterpris Any Member Domain 0 0	v Denendent Tarnets
Action Required Executions 0 0 Supended Executions 0 Scheduled Executions 0 D D D D D D D D D D D D D D D D D D D	Name Type Status Association No dependent targets.

Configuration Topology

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



ORACLE Enterprise Manager Cloud Control 1	c	Setup 👻 Help 👻 🔩 SYSMAN 🛛 Log Out 🔎
🚏 Grid 🔻 🎯 Iargets 👻 🏫 Eavorites 👻 🥝 History 👻		Search Target Name 👻
dev_env_dendv030.mlab.jdedwards.com () O Custom Menu +		Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 C
General Owner SYSMAN Privage Propagation Disabled	 ✓ Status 5 Members	r Status Availability (%)
Solution So	denue2 [/u01/idedwards/DE_HOME] Image: Constraint of the second	Image: Construct of C
Security	Compliance Summary Compliance Standards Members	Ø•
Open 0	View v View Trends Name Average : No data to display	Score
✓ Jobs Activity For jobs whose start date is within the last 7 days.		
Status JDE Enterpris Any Me Domain	ber	
Problem Executions 0 Action Required Executions 0 Suspended Executions 0 Scheduled Executions 0 Running Executions 0	Name Type No dependent targets. 1	े । Status Association

1. On the JD EnterpriseOne Domain home page, in the upper left hand portion of the Cloud Control display, choose either of these navigations:



Custom Menu > Members > Topology

Custom Menu > Configuration > Topology

	se M	anager Cloud	Control 12c
🜍 Grid 👻 👩 Targets 👻 🐈	<u>F</u> avorit	es 🗕 🥝 Hist <u>o</u> ry	•
dev_env_globalwin2.m	ılab.j	dedwards.co	om 🕕
💿 Custom Menu 🤝			
Home			
Monitoring	•		
Control	•		
Job Activity			
Information Publisher Report	s		
Members	•	Show All	
Refresh Discovery	(Topology]
Server Manager		Dashboard	
Configuration	•	Operations	
Compliance	•	History	
Target Setup	•		
Target Information			



	Manag	ger Cloud Control 12c
🌍 <u>G</u> rid 👻 🌀 <u>T</u> argets 👻 🐈 <u>F</u> avo	orites 🔻	⊖ Hist <u>o</u> ry ↓
dev_env_globalwin2.mla	ıb.jde	dwards.com 🖲
💿 Custom Menu 🤜		
Home		
Monitoring	•	
Control	•	
Job Activity		
Information Publisher Reports	_	
Members	•	
Refresh Discovery		
Server Manager		
Configuration	۰ L	ast Collected
Compliance	· C	Fopology 💦
Target Setup	• 9	Search
Target Information	(Compare
	0	Comparison Job Activity
	H	listory
	5	Save
	9	Saved



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

Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

Jas_8090_densun31

Control 12c Implementation Guide ORACLE Enterprise Manager Cloud Control 12c Setup - Help - SYSMAN Log Out 🥥 🎲 Grid 👻 👩 Targets 👻 🐈 Eavorites 👻 🥝 Hist<u>o</u>ry 👻 Search Target Name 🗸 + dev_env_globalwin2.mlab.jdedwards.com () 🐼 Custom Menu 🗸 Page Refreshed Aug 12, 2011 10:03:44 AM GMT-06:00 🖒 **Configuration Topology** Display 💿 Graph 🔿 Table View System Members 💌 Customize 🗸 🛛 🔐 5 🛛 🔅 Reset Find 💏 🛛 Annotations 🗸 Options 🗸 📇 Φ dev_env_globalwin2.mlab... ¢ E900_EntServer_Sun31_den... Φ Φ ¢ densun31 [/u01/jde_homew... GLOBALWIN2.mlab.jdedward... densun31 [/u01/jdedwards...

K



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.

ORACLE Enterpris	еM	anager Cloud	d Control 12c
🌍 Grid 🔻 🌀 Targets 👻 🐈 Fa	avorit	es 🚽 🥝 Hist <u>o</u> ry	-
dev_env_globalwin2.ml	ab.j	jdedwards.c	om 🖲
💿 Custom Menu 🧹		1	
Home			
Monitoring	٠		
Control	٠		
Job Activity			
Information Publisher Reports			
Members	۲	Show All	
Refresh Discovery		Topology	
Server Manager	_(Dashboard	
Configuration	•	Operations	
Compliance	•	History	
Target Setup	•		
Target Information			

ORACLE

To access the System Monitoring Dashboard, navigate **Custom Menu > Members > Dashboard**. Below is an example of the dashboard for the JD Edwards EnterpriseOne Domain.

JDE EnterpriseOne Domain: Page Refreshed Aug 21, 2011 9:14:15 AM MDT Refresh dev env globalwin2.mlab.jdedwards.com Type Status Incidents Compliance Violations Jas 8090 densun31 EnterpriseOne HTML Server	ORACLE Enterprise Manager Cloud Control 12c							
JDE EnterpriseOne Domain: Page Refreshed Aug 21, 2011 9:14:15 AM MDT Refresh dev env globalwin2.mlab.jdedwards.com Type Status Incidents Compliance Violations Jas 8090 densun31 EnterpriseOne HTML Server T 0 <t< th=""><th colspan="8">Customize Help</th></t<>	Customize Help							
TargetTypeStatusIncidentsCompliance ViolationsJas 8090 densun31EnterpriseOne HTML Server100000000GLOBALWIN2.mlab.jdedwards.com [C:\EnterpriseOne Managed Home100000000E900 EntServer Sun31 densun31EnterpriseOne Enterprise Server100000000densun31 [/u01/jdedwards/JDE HOME]EnterpriseOne Managed Home100000000densun31 [/u01/jde homewls]EnterpriseOne Managed Home1000000000	JDE EnterpriseOne Domain: Page Refreshed Aug 21, 2011 9:14:15 AM MDT Refresh dev env globalwin2.mlab.jdedwards.com Refreshed Aug 21, 2011 9:14:15 AM MDT Refresh							
Jas 8090 densun31 EnterpriseOne HTML Server 1 0 </th <th>Target</th> <th></th> <th>Туре</th> <th></th> <th>Status▼</th> <th>Incidents</th> <th>Compliance Violations</th>	Target		Туре		Status▼	Incidents	Compliance Violations	
GLOBALWIN2.mlab.jdedwards.com [C:\ EnterpriseOne Managed Home	Jas 8090 densun31		EnterpriseOne H	ITML Server	1	0 0	0 0 0	
E900 EntServer Sun31 densun31 EnterpriseOne Enterprise Server	GLOBALWIN2.mlab.jdedwards.co	m [C:\	EnterpriseOne M	lanaged Home	1	0 0	0 0 0	
densun31 [/u01/jdedwards/JDE HOME] EnterpriseOne Managed Home	E900 EntServer Sun31 densun	<u>31</u>	EnterpriseOne E	nterprise Server	1	0 0	0 0 0	
densun31 [/u01/jde homewls] EnterpriseOne Managed Home Image: The second secon	densun31 [/u01/jdedwards/JDE	HOME]	E] EnterpriseOne Managed Home		1	0 0	0 0 0	
	densun31 [/u01/jde_homewls]		homewls] EnterpriseOne Managed Home		Ŷ	0 0	0 0 0	
Severity Target Date Message Acknowledged By Current Value Latest Comment	Severity Target	Date	Message	Acknowledged By	C	urrent Value	Latest Comment	
No alerts found	No alerts found							

Monitoring Configuration

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



	e Ma	nager Cloud Control 12
🌍 Grid 🔻 🎯 Targets 👻 👷 Ea	vorite	s ▼ 🞯 Hist <u>o</u> ry ▼
dev_env_globalwin2.mla	ab.jd	ledwards.com
Home		
Monitoring	•	
Control	•	
Job Activity		
Information Publisher Reports		
Members	۲	
Refresh Discovery		
Server Manager		
Configuration	•	
Compliance	۲	
Target Setup	⊇(Monitoring Configuration
Target Information		Administrator Access
		Remove Target
		Add to Group
		Properties

To confirm, with a JDE target selected (for example, the HTML Server), navigate Custom Menu > Target Setup > Monitoring Configuration.

PRACLE Enterprise Manager		He	:lp + 📿
EnterpriseOne HTML Server:Jas_8090_densun31 > Monitoring Configuration Monitoring Configuration		Cancel	ОК
Properties			
Name	Value		
Instance Name	Jas_8090		
JDE Home	C:\jde_home		
Management Server Name	globalwin2.mlab.jdedwards.com		
JMX Port	14501		
Server Manager Integration User	•••••		
Server Manager Integration Password	•••••		
Monitoring Oracle has automatically enabled monitoring for this target's availability and perfor the target's homepage.	prmance, so no further monitoring configuration	n is necessary. You can edit the metric thresholds	from el OK

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

Latest Configuration Data

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

1. With a JD Edwards EnterpriseOne target selected, navigate Target > Configuration > Last Collected.

	se Ma	inager
🌍 Grid 🔻 🌀 Targets 👻 🐈	<u>F</u> avorite	es 👻 🥝 Hist <u>o</u> ry 👻
<mark> </mark>	1 🖲	
Home		
Monitoring	•	
Control	•	
Job Activity		
Information Publisher Repor	ts	
Configuration	•	Search
Compliance	•	Compare
Target Setup	•	Save
Target Information		Comparison Job Activity
		Saved
	<i>с</i>	History
		Last Collected
	_	Topology

2. Cloud Control displays the latest configuration for the selected Target.

Below is an example of the latest configuration for the JD Edwards EnterpriseOne HTML Server.

	prise Manager Cloud C	control 12c		<u>S</u> etup ▼	Help 👻 🔛 SYSMAN 🛛 Log Out 📿
🧊 Grid 👻 🎯 Iargets 👻 f	🗧 Eavorites 👻 🥝 History 👻			Search Target Name 👻	+
分 Jas_8090_densur	า31 🕕				denlx01
💽 Target 👻				Page Refreshed	Aug 19, 2011 11:15:26 AM MDT 🖒
Latest Configuration	n: Jas 8090 densun31	l .			
V 1 1ac 2000 deprives		-	Actions 🗸		
JDE Entel vriseOne Co	onfiguration	wating			
- NE	rpriseone Conng				
	Collected Aug 18, 2011 6:29:	45 PM GMT-06:00			
	view - Export	Detach			
	Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value	
	jas.ini	SECURITY	NumServers	1	^
	jas.ini	SECURITY	SecurityServer	densun31	
	Jaslini	SECURITY	SecurityServer1	NONE	
	jas.ini	SECURITY	SecurityServer2	NONE	12
	jas.ini	SECURITY	SecurityServer3	NONE	
	jas.ini	SECURITY	SecurityServer4	NONE	
	jas.ini	SECURITY	UseLogonCookie	TRUE	
	Jastini	SECURITY	CookieLiteTime	7	
	jas.ini	SECURITY	SSOEnabled	false	
	jas.ini	SECURITY	OracleAccessSSO	false	
	jas.ini	SECURITY	OracleAccessSSOSignOffURL		
	jas.ini	SECURITY	StrictVersionSecurity	0	
1	jas.ini	OWWEB	PathCodes	('PY900')	
-	jas.ini	OWWEB	DefaultEnvironment	JPY900	
	jas.ini	OWWEB	FtpPort	21	
	jas.ini	OWWEB	FtpUsr	anonymous	
	jas.ini	OWWEB	FtpPwd	******	
	jas.ini	OWWEB	UseMOWinNTShare	false	
	jas.ini	OWWEB	PrintImmediate	False	
	jas.ini	OWWEB	KeepUBE	true	
	jas.ini	OWWEB	UBEPriority	5	
	jas.ini	OWWEB	UBEQueue	QBATCH	
	jas.ini	OWWEB	SystemDateFormat	MDE	
	jas.ini	OWWEB	SystemDateSeparator	/	
	jas.ini	OWWEB	InYourFaceError	true	
	jas.ini	OWWEB	MenuWidth	222	
	jas.ini	OWWEB	ShowSubmitJobs	true	
	jas.ini	OWWEB	HelpPath	/jde/owhelp/	
	jas.ini	OWWEB	PPCSetDefaultFocus	false	
	jas.ini	OWWEB	TimeWaitBeforeAutoResume	1000	
	tas ini	OWNER	GlobalPaneSize	0	The labor to a finance of the
					local Number of Rows : 185

Below is an example of the latest configuration for the JD Edwards EnterpriseOne Enterprise Server.

ORACLE Enterprise Manager	Cloud Control 12c		Setup 🗕 Help 🚽 🔛 SYSM	MAN Log Out 으
🌍 Grid 👻 🎯 Targets 👻 🐈 Eavorites 👻 🥝	Hist <u>o</u> ry ▼		Search Target Name 🗸	+
2 E900_EntServer_Sun31_dens	un31 🖲			denlx01
🚯 Target 🗸			Page Refreshed Aug 24, 2011 12:	33:27 PM MDT 🖒
Latest Configuration: E900_EntS	erver_Sun31_densun31	Actions -		
	SDE Enterpriseone configuration			
	Collected Aug 23, 2011 7:13:28 PM GMT-06:1 View -	00		
	Configuration File Name	Section Name	Configuration Entry Name	
	JDE.INI	JDE_CG	INCLUDES	·
	JDE.INI	JDE_CG	LIBS	
	JDE.INI	JDE_CG	MAKEDIR	
	JDE.INI	JDE_CG	ServerPackageSleep	
	JDE.INI	JDE_CG	CLASSPATH	
1	JDE.INI	DEBUG	Output	
	JDE.INI	DEBUG	DebugFile	
	JDE.INI	DEBUG	JobFile	
	JDE.INI	DEBUG	JDETSFile	
	JDE.INI	DEBUG	LogErrors	
	JDE.INI	DEBUG	ClientLog	1
	JDE.INI	DEBUG	KeepLogs	
	JDE.INI	DEBUG	TamTraceLevel	1
	JDE.INI	DEBUG	Thread Trace Level	
	JDE.INI	DEBUG	QKLog	1
	JDE.INI	DEBUG	RepTrace	
	JDE.INI	DEBUG	CloseFiles	
	JDE.INI	DEBUG	RunBatchDelav	× .
			Total Number 369	of Rows :

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

Below is an example of a JD Edwards EnterpriseOne HTML Server with the **JDE EnterpriseOne Configuration** subnode expanded.

JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

ORACLE Enterprise Manager Cloud Control 12c			<u>S</u> etup → <u>H</u> elp →	🤽 SYSMAN 🕴 Log Out 📿	
🌍 Grid 🔻 🇑 Targets 👻 🐈 Eavorites 👻 🤗 I	Hist <u>o</u> ry ▼	Sea	arch Target Name 👻	+	
☆ Jas_8090_densun31 ^③				📒 denlx01	
or larget			Page Refreshed Aug 24, 20)11 12:24:03 PM MDT 🕐	
Latest Configuration: Jas_8090_densun31					
▼ Ias 8090 densun31 JDE EnterpriseOne Configuration	JDE EnterpriseOne C	A	actions +		
	CollectedAug 23, 2011View +The Export	7:26:31 PM GMT-06:00			
	Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry	
	jas.ini	GRIDDISKCACHE	CacheDataBrowser	true 🔨	
	jas.ini	GRIDDISKCACHE	CacheBufferSize	32768	
•	jas.ini	GRIDDISKCACHE	CacheFindBrowse	true	
_	jas.ini	GRIDDISKCACHE	DataBrowserEnableGoToEnd	true	
	jas.ini	INTEROP	enterpriseServer		
	jas.ini	INTEROP	port	6079	
	jas.ini	INTEROP	manual_timeout	3000000	
	jas.ini	INTEROP	Repository	c:\connector\reposit	
	jdbj.ini	JDBj-BOOTSTRAP SESSION	user	JDE	
	idbi.ini	JDBI-BOOTSTRAP SESSION	password	******	
			Total	Number of Rows : 185	



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



Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

	Control 120	<u>s</u> etup + <u>H</u> ei	p 👻 🔛 SYSMAN 🛛 Log Out 🦻			
💱 Grid 👻 🛞 Targets 👻 🛧 Eavorites 👻 🤗 Hist <u>o</u> ry 🛩 Search Target Name 👻						
dev_env_globalwin2.mlab.jdedwards.co ৡ Custom Menu ▾	m					
Members for JDE EnterpriseOne Domai	n: dev_env_globalwin2.mla	b.jdedwards.com				
	Page Refr	reshed Aug 24, 2011 12:04:5	8 PM GMT-06:00 Refresh			
View All Members						
() Direct Members						
Search All		Go				
Search All	Туре	Go Status	Incidents			
Object Members Search All Name densun31_[/u01/jde_homewls]	Type EnterpriseOne Managed Home	Go Status	Incidents 0 0 0			
Object Members Search All Name densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME]	Type EnterpriseOne Managed Home EnterpriseOne Managed Home	Go Status C	Incidents 0 0 0 0 0 0 0			
Object Members Search All Name densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME] E900_EntServer_Sun31_densun31	Type EnterpriseOne Managed Home EnterpriseOne Managed Home EnterpriseOne Enterprise Server	Go Status Cr Cr U	Incidents 0 0 0 0 0 0			
Direct Members Search All Name densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME] E900_EntServer_Sun31_densun31 GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	Type EnterpriseOne Managed Home EnterpriseOne Managed Home EnterpriseOne Enterprise Server EnterpriseOne Managed Home	Go Status Cr U Cr	Incidents 0 0 0 0 0 0 0 0 0 0 0 0			

- 1. On Members for JDE EnterpriseOne Domain, for each member you can view:
 - Status
 - \circ Alerts
 - Policy Violations



2. For member Types EnterpriseOne Enterprise Server and EnterpriseOne HTML Server, you can view this type of 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).



ORACLE Enterprise Manager

ORACLE Enterprise Manager	Setup + Help + 🔢 SYSMAN Log Out 📿
👘 Grid 🕶 🌀 Iargets 👻 🛧 Eavorites 🕶 🥝 Hist <u>o</u> ry 🗸	Search Target Name 🗸 🔿
Gerein EntServer_Sun31_densun31 Gerein	📴 denk01
EnterpriseOne Enterprise Server: E900_EntServer_Sun31_densun31 Home Performance	Page Refreshed Aug 2, 2011 1:08:58 PM MDT 💍
Instance Level Memory	Instance Level CPU
5,200 4,800 4,600 4,400 4,000 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 july 2011 Memory (MB) Home Performance	1.0 0.8 0.6 0.4 0.2 0.0 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 July 2011 CPU %

JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

Chapter 8 Using Cloud Control with JD Edwards EnterpriseOne

ORACLE' Enterprise Manager Setup + Help + SYSMAN Log Out 🥥 🍃 Grid 👻 🎯 Targets 👻 🛧 Favorites 👻 🥝 Hist<u>o</u>ry 🕶 Search Target Name 👻 • 📒 denlx01 장 Target 🕶 EnterpriseOne HTML Server: Jas_8090_densun31 ~ Page Refreshed Aug 2, 2011 1:04:51 PM MDT 🖒 Home Performance Call Object Kernel Average Execute Time Java Heap 600 250,000,000 500 200,000,000 400 150,000,000 300 100,000,000 200 50,000,000 56 8 10 12 14 16 18 20 22 24 26 28 30 1 100 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 July 2011 July 2011 COBK Avg Execute Time 📕 Total Heap Size Call Object Kernel Timeout Errors 1.00.8 0.6 0.4 0.2 0.0 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 *

Configuration Metrics for JD Edwards EnterpriseOne

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

- All Metrics for JD Edwards EnterpriseOne Enterprise Server
- All Metrics for JD Edwards EnterpriseOne HTML Server

All Metrics for JD Edwards EnterpriseOne Enterprise Server

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



+

Search Target Name 👻

🚯 Grid 🗸 🌀 Targets 🗸 🛧 Favorites 🗸 🥝 Hist<u>o</u>ry 🗸

dev_env_globalwin2.mlab.jdedwards.com Custom Menu •

Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com

		Pag	e Refreshed Aug 2, 2011 1:24:	:37 PM GMT-06:00 Refresh
Search All	Go			
Name 📥	Туре	Status	Alerts	Policy Violations
densun31_[/u01/jde_homewls]	EnterpriseOne Managed Home	9		0 0 0
densun31_[/u01/jdedwards/JDE_HOME]	EnterpriseOne Managed Home	Û	0 0	0 0 0
E900_EntServer_Sun31_densun31	EnterpriseOne Enterprise Server	Û	0 0	0 0 0
GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	EnterpriseOne Managed Home	Û	0 0	0 0 0
Jas_8090_densun31	EnterpriseOne HTML Server	Û	0 0	0 0 0

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



ORACLE [®] Enterprise Manager				
🌍 <u>G</u> rid 👻 🌀 Targets 👻 👉 Eavorites 👻 🥝 Hist <u>o</u> ry 👻				
F900_EntServer_Sun3 Target	1_densun31 🖲			
Monitoring	All Metrics			
Control Job Activity	Metric and Collection Settings Metric Collection Errors			
Information Publisher Reports	Status History Incident Manager			
Compliance •	Alert History			
Target Setup Target Information	Blackouts			

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate **Target > Monitoring > All Metrics**.

ORACLE Enterprise Man	ager		<u>S</u> etup → <u>H</u> elp →	🔹 SYSMAN 🛛 Log Out 🥥
🌍 <u>G</u> rid 👻 👩 <u>T</u> argets 👻 🐈 <u>F</u> avorites	✓ O History ▼	Search	n Target Name 👻	+
<pre> E900_EntServer_Sun31_d Target → </pre>	lensun31 🖲		Page Refreshed Aug	denk01 2, 2011 1:45:26 PM MDT 🖒
All Metrics Search	Open Metric Events			
View FE FE TE ▼ E900_EntServer_Sun31_densun? ▷ Average CPU % Used by all Kerne ▷ Enterprise Server Process Manage ▷ Kernel Process ▷ Kernel Thread ▷ Network Process ▷ Response	Metric Name Top 5 alerting metrics (Last 7 days) Metric Name No data to display.	Critical Warning		
 Total JDB Table Cache Count Total JDE Cache Total Number of DB Connections Total Number of Incoming Netwo Total Number of Outstanding Req Total Number of Users Other collected items 				

- **3.** On All Metrics, 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
- 4. You can expand a metric node to view subnodes. The following screen is a sample of the metrics when you click on the **Average Execution Time** node.

ORACLE Enterprise Manager	<u>S</u> etup + <u>H</u> elp + 🙎 SYSMAN Log Out 📿
🌍 Grid 👻 🌀 Targets 🗸 🐈 Favorites 🗸 🤗 Hist <u>o</u> ry 🗸	Search Target Name 🗸
<pre> Jas_8090_densun31</pre>	enk01 Page Refreshed Aug 3, 2011 12:00:19 PM MDT 🖒
All Metrics Search View Figure 1 Collection Schedule Every Upload Interval Every Last Upload Aug 3	15 Minutes Collection , 2011 12:11:53 PM MDT
CallObj Avg Time CallObj Avg Time CallObject (BSFN) Stats Current number of open appli Database Datasource General System Info and Uptir JDB Service Cache JDBj Cached Prepared Statem	Thresholds Real Time Value Not Set 156.06 e is collected in real time. 156.06



5. You can also click on subnodes to display additional information. The following screen is a sample of the metrics shown when you click on the **CallObj Avg Time** subnode of the **Average Execution Time** node.



ORACLE Enterprise Manager



All Metrics for JD Edwards EnterpriseOne HTML Server

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



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🌍 Grid 🕶 🎯 Targets 🕶 🐈 Eavorites 🕶 🥝 Hist <u>o</u> ry 🕯		S	earch Target Name 👻	÷
dev_env_globalwin2.mlab.jdedwards.co	om 🖲			
Members for JDE EnterpriseOne Doma	in: dev_env_globalwin2	.mlab.jdedwards.com		
		Page Refresh	ed Aug 3, 2011 12:29:52	PM GMT-06:00 Refresh
Search All	Go	Status	Alerts	Policy Violations
densun31_[/u01/jde_homewls]	EnterpriseOne Managed Home	<u>()</u>		0 0 0
densun31_[/u01/jdedwards/JDE_HOME]	EnterpriseOne Managed Home	Ŷ	0 0	0 0 0
E900_EntServer_Sun31_densun31	EnterpriseOne Enterprise Server	Ŷ	0 0	0 0 0
GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	EnterpriseOne Managed Home	Û	0 0	0 0 0
Jas_8090_densun31	EnterpriseOne HTML Server	Û	0 0	0 0 0

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



ORACLE [®] Enterprise Manager				
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F900_EntServer_Sun31 Target Home	_densun31 ()			
Monitoring	All Metrics			
Control Job Activity	Metric and Collection Settings Metric Collection Errors			
Information Publisher Reports	Status History Incident Manager			
Compliance •	Alert History			
Target Setup Target Information	Blackouts			

2. With the JDE EnterpriseOne target displayed in Cloud Control, navigate Target > Monitoring > All Metrics.
JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control 12c Implementation Guide

🔯 <u>G</u> rid 👻 🍈 <u>T</u> argets 👻 🛧 <u>F</u> avorites	✓		Search Target Name 🗸	+
🔂 Jas_8090_densun31 🛽				denk01
🐼 Target 🗸			Page Refreshed	Aug 3, 2011 12:00:19 PM MDT 🖒
All Metrics				
Search	Open Metric Events			
View - ☴ ె ि 🗅	Metric Name	Severity Mes	ssage	Last Collected Timest
	No data to display.			
Average Execution Time	K			>
Cache Group	Top 5 electing metrics (Last 7 days)			
Call Object (BSFN) Stats	Top 5 aler ung metrics (Last 7 days)			
Current number of open application	Metric Name	Critical VVa	rning	
Database Datasource	No data to display.			
General System Info and Uptime			>	
JDB Service Cache				
JDBj Cached Prepared Statement				
JDBJ Connection Manager				
JDBJ Connection Pool	•			
JDBJ Pooled Connection				
JDENET Connection Manager				
JDENET Confilection Pool Socket JDENET Host/Part Connection Po				
Deliver Hosty Port Connection Port Deliver Hosty Port Connection Port Port Port Port Port Port Port Port				
Sava neap Memory Osed Sava neap Memory Osed Source of the second seco				
Response				
Total Number of System Errors				
Total Number of Timeout Errors				
Total number of current users				
User Sessions				
Other collected items				

- **3.** On All Metrics, 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
 - 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
 - You can expand a metric node to view subnodes. The following screen is a sample of the metrics when you click on the **Call Object (BSFN) Stats** node.



DRACLE Enterprise Manager

RACLE Enterprise Man	iger		<u>S</u> etup + <u>H</u> elp +	SYSMAN	Log Out
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			Page Refreshed Aug	3, 2011 12:39:17	denk01
All Metrics					
Search	Call Object (BSFN) Stats				
View - = = >t	Collection Schedule Every 15 Minutes				
	Unload Internal Every Collection				
	Last Unload Aug 2, 2011 12:27:16				
✓ Average Execution Time	Last Opload Aug 5, 2011 12:27:10			1	
CallObj Avg Time	JVM Node Id Enterprise Serve	r Business Function Application Error	rs Average Time	First Time	
✓ Call Object (BSFN) Stats	singleton DENSUN31:6015	6 GetServicePackRelea 0	3	3	~
Application Errors	singleton DENSUN31:6015	6 GetOMWFeatureSup 0	8	8	
Average Time	singleton DENSUN31:6015	6 GetParentAddress 0	22	296	
First Time	singleton DENSUN31:6015	5 ConvertMathNumeric 0	2	55	
	singleton DENSUN31:6015	6 RetrieveUsersCurrent 0	15	15	
Shortest Time	singleton DENSUN31:6015	6 GetABConstants 0	19	23	
System Errors	singleton DENSUN31:6015	5 IsAuditingPresent 0	3	3	_
	singleton DENSUN31:6015	5 FormatMNtoTime 0	2	4	
Total Invocations	singleton DENSUN31:6015	5 LeftJustifyUDCValue 0	7	188	
Total Time	singleton DENSUN31:6015	6 GetReleaseEnum 0	2	3	
Current number of open appli	singleton DENSUN31:6015	WebVersionSpecsExi 0	69	69	
Database Dataseurse	singleton DENSUN31:6015	6 ReadActiveQueueINI 0	2	7	
Capacity Curtains Jafa and Uniting	singleton DENSUN31:6015	5 IsXMLP2SPPresent 0	2	196	
General System Info and Uptir	singleton DENSUN31:6015	6 [init-remote-env] 0	2,290	2,921	
JDB Service Cacille	singleton DENSUN31:6015	6 GetEnvironmentValu 0	47	33	*
> JDBJ Cached Prepared Statem	<				>
JDBJ Connection Manager	Z Data shown in above table is collected in	real time.			
> JDBJ Connection Pool					
> JDBJ Pooled Connection					
JDENET Connection Manager					

• You can also click on subnodes to display additional information. The following screen is a sample of the metrics shown when you click on the **Application Errors** subnode of the **Call Object (BSFN) Stats** node.



ORACLE Enterprise Manager

ORACLE Enterprise Ma	nager				<u>S</u> etup -	<u>H</u> elp 🗸 👔	🙎 SYSMAN 📃 Log (Dut 👱
😽 <u>G</u> rid 👻 🌀 <u>T</u> argets 👻 🏫 <u>F</u> avorite	s ≠ 🥝 Hist <u>o</u> ry ≠			Searc	h Target Name	•		+
🔓 Jas_8090_densun31 🔍								denlx01
👰 Target 🗸					Page Refresh	red Aug 3, 20	11 12:39:17 PM M	DT 🖒
All Metrics				View	Data Last 24	Hours	💌 Auto Refresh	Off 🗸
Search 🔷	Application Errors							
View ▼ ₩ TE TE 22	JVM Node Id	Enterprise Server	Business Function Name	Average Value	Low Value	High Value	Last Known Value	С
V Jas_8090_densun31	singleton	DENSUN31:6015	GetParentAddress	0	0	0	0	1 🔨
 Average Execution Time Collobit Average 	singleton	DENSUN31:6015	LeftJustifyUDCValue	0	0	0	0	
CallODJ Avg Time	singleton	DENSUN31:6015	GetReleaseEnum	0	0	0	0	
Cache Group	singleton	DENSUN31:6015	GetServicePackRelea	0	0	0	0	
V Cal Object (BSEN) Stats	singleton	DENSUN31:6015	ConvertMathNumeric	0	0	0	0	
Application Errors	singleton	DENSUN31:6015	GetOMWFeatureSup	0	0	0	0	×
Average Time	<	DENCINDA.COTE	Transfill Barrier		· · ·	î î	0	>
Hist Time						9		
Chartest Time								
Sustem Errors								
System Enors	Select row to see de	tails						
Tatal Investions								
Total Time								
Current number of open appli								
Current number of open applic								
Coperal Custom Jofe and Lintin								
> 10P Service Cache								
> 10Pi Cached Brenared Statem								
> 10Pi Connection Manager								
> 10Pi Connection Real								
> 10Pi Realed Connection								
> IDENET Connection Manager								
> DENET Connection Manager								
< · · · · >								

Accessing Server Manager from Cloud Control

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

	e Manager Cloud Control 12c
🌍 Grid 👻 🎯 Targets 👻 🐈 Fa	vorites 👻 🥝 Hist <u>o</u> ry 👻
dev env globalwin2.mla	ab.jdedwards.com 🖲
💿 Custom Menu 🤜	
Home	
Monitoring	•
Control	•
Job Activity	
Information Publisher Reports	
Members	•
Refresh Discovery	
Server Manager	
Configuration	•
Compliance	•
Target Setup	•
Target Information	

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:

ORACLE Enterprise Manager	Cloud Control 12c	<u>S</u> etup -	<u>H</u> elp ▼	🕵 Sysman	Log Out 🤤
🌍 Grid 🔻 🚳 Targets 👻 🐈 Eavorites 👻 🥝	Hist <u>o</u> ry ▼ S	Gearch Target Name 👻			→
dev es th y globalwin2.mlab.jdedwa	ards.com ()	Page Refreshed Aug 2	1, 2011 1	L0:16:53 AM GN	ит-06:00 🖒
(i) Information The Agent monitoring the target is not up. Y Monitoring Configuration	You can not save the Monitoring Co	onfiguration settings.		O	K Cancel
Enterprise Manager Agent Host	denlx01				
Server Manager Admin Password	•••••				
Server Manager Admin User					
Server Manager Hostname	globalwin2.mlab.jdedwards.com				
Server Manager Http Port 8	3999	J			
Server Manager JMX Port 1	14501				

Below is the Server Manager login page that is displayed when you are redirected.

ORACLE: JD Edwards EnterpriseOne Server Manager

Si Ent Us: Par	gn In ter your user ID and password. er ID ssword	
This system is intended	Sign In d for limited (authorized) use and is subject to co	ompany policies.

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 12c Implementation Guide

② Documentation and Support

Sign Out

ORACLE JD Edwards EnterpriseOne Server Manager

Select Instance	Managed Homes and Managed Instances					
/hat do you want to do?	Use the dropdown below to select the desired management view.					
ISTALL	Select View Managed	iomes and Managed Instances 💌				
Management Agents Management Sefficience	Managed Homes					
Database Drivers	Shown below are each of the known managed homes and the managed instances they contain. If	here is a managed home that is not running and you wish to not see it listed here you may remove it.				
WETGURE	Select [Managed Home]: Remove Stop Indiate					
Server Manager Users	Select All Select None					
Server Groups	Managed Home Location 🗻 🧊	Managed Instances (1)				
RACK > User Activity Server Activity Table Cache	• field(ems 1338)/appmgr/jde_agent/SCFHA	920. IS: AIS. 88 EntrapriseOne Application Interface Services • Stopped 920. IS: AIS: 77 EntrapriseOne Application Interface Services • Stopped 920. IS: VCIAS: POS 82 EntrapriseOne ITML Server • Running 920. IS: VCIAS: POS 54 EntrapriseOne ITML Server • Running 920. IS: VCIAS: POS 54 EntrapriseOne ITML Server • Running 920. IS: VCIAS: POS 54 EntrapriseOne ITML Server • Running 920. IS: VCIAS: POS 54 EntrapriseOne ITML Server • Running 920. IS: VTM. Server • Running 920. IS: VTM. Server • Running • Maxing • StappiesOne ITML Server • Running • Maxing • Maxing • Maxing • Maxing • Maxing				



Removing the JD Edwards EnterpriseOne Domain

ORACLE Enterprise Manager						Setup 🗕 Help 🚽 👥 S	YSMAN	N L	og Out	: 📿
🌍 Grid 👻 🎯 Iargets 👻 🐈 Eavorites 👻 🥝 Hist <u>o</u> ry 👻					Se	arch Target Name 👻				→
Systems Page Refreshed Aug 1, 2011 3:40:32 PM MDT 🗘									Ċ	
A system is a collection of related manageable entities which together provide one or more business	s functions. Members of any system	can have well-defined rel	ationsh	ins am	nast	themselves, called associations.				
				po um	Jingot					
Y Search										
Type Name										- 11
Search Advanced Search										- 11
View 🗸 🥖 Edit 💥 Remove 🔄 Customize Page 🛛 Generic System 🗸 🗸	🛉 🕂 Add 🛃 Detach									
			Merr	ber St	atus			Incid	ents	
Name	Туре	Status	S	ummai	y M	Members				
/EMCC_CCDomain	Oracla Wahl agis Damain	n/2	2	r v	5 9	Application Deployment(6) Oracle	-	2	<u> </u>	P
/EMGC_GCDomain/GCDomain/EMGC_ADMINSERVER/oracle security apm(11,1,1,3,0)	Application Deployment	11/a _	3	1 -	-	Host(1)	1	2	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Application Deployment			1 .		Host(1)	-	-	_	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgbs	Application Deployment			1 -	-	Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	Application Deployment			1 -		Host(1)				
/EMGC_GCDomain/EMGC_OMS1/oracle.oes.pd(11.1.1.3.0)			-	1 -	-	Host(1)	1			_
/EMCC_CCDemain/CCDemain/EMCC_OMC1/oracle.cocurity.apm(11.1.1.2.0)	Application Deployment			1 -	-	Host(1)	1			_
dev env globalwin2.mlab.idedwards.com	JDE EnterpriseOne Domain	n/a	-	4 -	1	EnterpriseOne Managed Home(3).	1	-	-	-
EMGC_GCDomain	Oracle Fusion Middleware Farm	n/a	3	6 -	-	Application Deployment(6), Oracle	3	2	-	-
> Management Services and Repository	OMS and Repository	Ŷ	2	8 -	-	Application Deployment(5), Oracle	2	6	2	-

1. On Targets > Systems, with the **JDE EnterpriseOne Domain** selected, click the **Remove** button.



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

ORACLE Enterprise Manager

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dev_env_globalwin2.mlab.jdedwards.com ④	
Warning JDE EnterpriseOne Domain target and all associated EnterpriseOne targets are about to be deleted	L.
Name	Туре
densun31_[/u01/jde_homewls]	EnterpriseOne Managed Home
GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	EnterpriseOne Managed Home
densun31_[/u01/jdedwards/JDE_HOME]	EnterpriseOne Managed Home
dev_env_globalwin2.mlab.jdedwards.com	JDE EnterpriseOne Domain
E900_EntServer_Sun31_densun31	EnterpriseOne Enterprise Server
Jas_8090_densun31	EnterpriseOne HTML Server



3. As shown in the screen sample below, click the **Yes** button to confirm the deletion.

ORACLE [®] Enterprise Manager	<u>S</u> etup	→ <u>H</u> elp →	🙎 SYSMAN 🕴 Log Out 📿
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dev_env_globalwin2.mlab.jdedwards	s.com 🖲		
Warning JDE EnterpriseOne Domain target and all associated E be deleted.	interpriseOne targets are about to		No Yes
Name	Туре		
densun31_[/u01/jde_homewls]	EnterpriseOne Managed Home		
GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home]	EnterpriseOne Managed Home		=
densun31_[/u01/jdedwards/JDE_HOME]	EnterpriseOne Managed Home		
dev_env_globalwin2.mlab.jdedwards.com	JDE EnterpriseOne Domain		
E900_EntServer_Sun31_densun31	EnterpriseOne Enterprise Server		
Jas_8090_densun31	EnterpriseOne HTML Server		
			No Yes

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





After the processing is complete for deleting the system domain target, Cloud Control returns to the All Targets page as shown in example below.



	r Cloud Co	ntrol 12c			2	ēetup v <u>H</u> elp	🗸 🛛 👥 sys	MAN Log O	ut 📿
🌍 Grid 🔻 👩 Iargets 👻 🐈 Eavorites 👻 🥝	Hist <u>o</u> ry 🔻				Search Target Nam	ne 🕶			÷
All Targets	Page R	Refreshed Aug	23, 2011 2:	20:00 PM MD	лС				
Refine Search	View 🗸	Search Target Name	•			Sav	/e Search	Saved Search	es 🗸
 ♥ Target Type ♥ Groups, Systems and Services Generic Service (2) ♥ Middleware Application Deployment (3) Metadata Repository (2) Oracle WebLogic Server (2) Oracle Fusion Middleware Farm (1) Oracle Fusion Middleware Farm (1) Oracle Fusion Middleware Farm (1) Oracle WebLogic Domain (1) ♥ Servers, Storage and Network Host (1) > Others > Internal ♥ Target Status Up (15) n/a (7) ♥ Target Version 10.3,5.0 (6) 12.1,0.0.0 (5) 11.1,1.5.0 (2) 11.1,1.5.0 (2) 11.1,1.5.0 (2) 11.1,1.5.0 (2) ♥ Platform i686 (20) ♥ Operating System Linux (20) 	Target Nan [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC [EMGC_GC denk01:40 denk00:40	Be Domain/GCDomain Domain/GCDomain/EMGC_ADMINSERVER Domain/GCDomain/EMGC_ADMINSERVER/mds-owsm Domain/GCDomain/EMGC_ADMINSERVER/mds-owsm Domain/GCDomain/EMGC_OMS1 Domain/EMGC_ADMIN Domai	Target Type Oracle WebLogic Domain Oracle WebLogic Server Metadata Repository Metadata Repository Oracle WebLogic Server Application Deployment Application Deployment Application Deployment I.3.0) Oracle Authorization Policy Manager Oracle Home Host Agent Oracle Management Service OMS Console OMS Platform Generic Service Beacon Oracle Home Oracle Home Oracle Home Oracle Home Oracle Home Oracle Home	Target Status n/a n/a n/a 1 1 1 1 1 1 1 1 1 1 1 1 1	Pending Activation				
	Columns H	lidden 9				Targets Not C	Configured 2	Targets Fou	nd 22

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/emgc12/wlserver_10.3/server/bin/setWLSEnv.sh
/u01/app/emgc12/wlserver_10.3/server/bin/startNodeManager.sh
```

Start OMS

/u01/app/emgc12/oms/bin/emctl start oms

Start Agent

/u01/app/emgc12/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/emgc12/agent/agent inst/bin/emctl stop agent

Stop OMS (this stops the OMS Server)

/u01/app/emgc12/oms/bin/emctl stop oms

Stop Database Listener

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

Stop Database

sqlplus '/as sysdba'



sql> shutdown immediate

9 Undeploy JDE AppPack Components

Undeploy JDE AppPack Components

The proper sequence for undeploying JD Edwards AppPack Components is to undeploy from the Management Agent first, and then undeploy from Management Servers.

Undeploy 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: *Undeploy the JD Edwards AppPack from Management Servers*.





1. In Oracle Enterprise Manager Cloud Control, navigate Setup > Extensibility > Plugins

	DRACLE Enterprise Manager							
🛊 Grid 🕶 🎯 Jargets 🕶 🌪 Eavorites 🕶 🧭 History 🕶 🥵 Search Target Name 💌 💽								
Plug-ins							Page Refreshed Aug 9, 2011 3:15:07 PM MDT 🖒	
This page displays the li	st of plug-ins avail;	able, downloaded and deployed	in the Enterprise Manager en	vironment. Plug-in lifecycle actions	such as deploy/undeplo	y of Plug-ins on Management Ser	ver and Management Agents can be initiated from here.	
Actions - View -	Deploy On	👻 📴 Undeploy From 🛛 👻						
			Versions					
Name		Latest Available	Downloaded	On Management Server	Management Agent with Plug-in	Description		
Oracle Fusion	n Application	12.1.0.0.0	12.1.0.0.0		0	FA Plugin consists of monitoring	and management for Oracle Fusion and diagnostics in fusion ar	
🗐 Oracle Siebel	1	12.1.0.0.0	12.1.0.0.0 🖳		0	Oracle Siebel Plugin consists of m	nonitoring and management for Oracle Siebel area.	
Cracle Database	8	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Database plugin provides	comprehensive management for Oracle Database and related	
Oracle Fus M	iddleware	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle FMW Plugin consists of m	onitoring and management for Oracle Fusion Middleware and d	
Servers, Storage	e and Network							
Oracle Beacon		12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Beacon plugin is required	on the Managed Hosts to support beacon test monitoring capa	
Oracle CSA		12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Client System Analyzer		
Di Oracle Chargebr	ack And Trending	12.1.0.0.0	12.1.0.0.0 🙉		0	Oracle Enterprise Manager Char	geback, Consolidation and Trending Plugin	
Dracle MOS (My	Oracle Support)	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle MOS plugin provides supp	oort for My Oracle Support features such as Knowledge, Servic	
Un oracle.)¢	aplay Op	2(1.0.3.0	12.1.0.3.0	12.1.0.3.0	1	Oracle Jdedwards EntrpriseOne	Plugin consists of monitoring and management for Oracle Jdeo 🗸	
oracle.apt s.j 💽 Un	deploy From	Management Servers						
General 🕍 Inf	/ormation	Management Agent	1					
Action Co	llapse	4 8	9	StaUser	Start Time		End Time	
Deployment or Ex	pand All Below			Su(SYSMAN	August 9, 201	11 3:03:47 PM GMT-06:00	August 9, 2011 3:04:58 PM GMT-06:00	
Deployment or	Manse All Below	k01:4889_Management_Servi	ice	Su(SYSMAN	August 9, 201	11 2:49:08 PM GMT-06:00	August 9, 2011 2:56:59 PM GMT-06:00	
Undeployment	ларэс на селот	nlx01:4889_Management_Se	rvice	Suc SYSMAN	August 9, 201	11 2:34:09 PM GMT-06:00	August 9, 2011 2:38:57 PM GMT-06:00	
Undeployment Shr	ow as Top			Suc SYSMAN	August 9, 201	11 2:24:39 PM GMT-06:00	August 9, 2011 2:25:18 PM GMT-06:00	
Deployment on Agent	: denlx01:3872			Su(SYSMAN	July 1, 2011 ?	3:19:41 PM GMT-06:00	July 1, 2011 3:20:41 PM GMT-06:00	
Deployment on Manag	jement Server : der	nlx01:4889_Management_Servi	ice	Su(SYSMAN	July 1, 2011 ?	3:06:09 PM GMT-06:00	July 1, 2011 3:15:52 PM GMT-06:00	



2. With the undeployed plugin highlighted, right click and choose Undeploy From > Management Agent...

_

ndeploy Plug-in on Management Agent			
Seneral			
Name Oracle Jdedwards EnterpriseOne			
Management Agent with this plug-in			
💠 Add 💥 Remove			
Management Agent	Operating System	Deployed Version	Status
denlx01:3872		12.1.0.3.0	6

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



deploy Plug-in on Management Agent				
eview				
📤 Undeployment of plug-in on management agent will restart the agent.				
Name Oracle Jdedwards EnterpriseOne				
Management Agent with this plug-in				
Management Agent	Deployed Plug-in Version	Status		
denlx01:3872	12.1.0.3.0	8		

4. On Undeploy Plug-in on Management Agent, Review, the panel warns that deployment of the plug-in on the Management Server will restart the agent.



5. Click the **Undeploy** button.



×

Undenloy Plug-in on	Management Agent
ondepioy ring in on	r lanagement rigent

Confirmation

 \checkmark The Undeployment of plug-in "oracle.apps.jded" has started on selected agents.

You can monitor the status of deployment in plug-in Deployment Activities Page You can also monitor the progress using following command

emcli get_plugin_deployment_status -plugin_id=oracle.apps.jded





6. On Undeploy Plug-in on Management Agent, Confirmation, click the **Show Status** button. This Confirmation screen indicates that the undeployment is started on selected agents.

	ise Man	ager					Setup 🗸	Help 👻 🔀 SYSMAN 🛛 Log Out 🔤
🜍 Grid 🔻 🎯 Iargets 👻 📩 E	avorites 🖣	🔸 🥝 Hist <u>o</u> ry					Search Target Name 👻	+
Plug-ins							Page Refreshe	d Aug 9, 2011 2:26:23 PM MDT 💍
Plug-ins > Deployment Activities								
Deployment Activities								
Name	Status	Version	Content Type	Destination		Job Name	Start Time	End Time
oracle.apps.jded	v	12.1.0.3.0	Plugin	denlx01:3872			August 9, 2011 2:24:39	PM GM August 9, 2011 2:25:18 PM GM
oracle.apps.jded	 Image: A second s	12.1.0.3.0	Discovery	denlx01:3872			August 9, 2011 2:24:39	PM GM [*] August 9, 2011 2:25:18 PM GM [*]
Deployment Steps : grade	anns.ide	4						
Sten		Statur	Start Time	End Time	Joh Step Name	Trace File	Log File	
Initializing			Aurust 9, 2011 2:24:39 PM	GM' August 9, 2011 2:24:39 PM G	M.	emons.trc	emons.log	
Deleting target		1	August 9, 2011 2:24:39 PM	GM' August 9, 2011 2:24:39 PM G	M'	emons.trc	emons.log	
Updating inventory		v	August 9, 2011 2:24:39 PM	GM August 9, 2011 2:25:18 PM G	M	emoms.trc	emons.log	
Starting Agent		A 1	August 9, 2011 2:24:39 PM	GM' August 9, 2011 2:25:18 PM G	м.	emoms.trc	emoms.log	
Deconfiguring plugin from Agent	:	v	August 9, 2011 2:25:18 PM	GM' August 9, 2011 2:25:18 PM G	м.	emoms.trc	emorns.log	

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

Deconfiguring Plugin from Agent

Undeploy the JD Edwards AppPack from Management Servers

Use this procedure to undeploy the JD Edwards AppPack from Management Servers.

CAUTION: Prior to undeployment the JD Edwards AppPack from Management Servers, you should undeploy it from the Management Agent. Refer to the previous section of this guide entitled: *Undeploy the JD Edwards AppPack from the Management Agent*.





1. In Oracle Enterprise Manager Cloud Control, navigate Setup > Extensibility > Plugins

ORACLE Enterprise Manager

	anager					Setup 👻 Help 👻 🔛 SYSMAN Log Out 📿	
🗊 Grid 👻 🎯 Iargets 👻 🖕 Eavorites	s 👻 🥝 History 👻				s	iearch Target Name 👻 💽	
Plug-ins Page Refreshed Aug 9, 2011 2:28:51 PM MDT 🖒							
This page displays the list of plug-ins available, downloaded and deployed in the Enterprise Manager environment. Plug-in lifecycle actions such as deploy/undeploy of Plug-ins on Management Server and Management Agents can be initiated from here.							
Actions 🗸 View 🖌 📴 Deploy On	👻 🛐 Undeploy From 🛛 👻						
		Versions		Management Agent			
Name	Latest Available	Downloaded	On Management Server	with Plug-in	Description		
Cracle Fusion Application	12.1.0.0.0	12.1.0.0.0 🚳		0	FA Plugin consists of monitoring) and management for Oracle Fusion and diagnostics in fusion ap	
Cracle Siebel	12.1.0.0.0	12.1.0.0.0 👰		0	Oracle Siebel Plugin consists of r	monitoring and management for Oracle Siebel area.	
Di Oracle Database	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Database plugin provider	s comprehensive management for Oracle Database and related	
Cracle Fusion Middleware	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle FMW Plugin consists of m	nonitoring and management for Oracle Fusion Middleware and d	
Servers, Storage and Network							
Dracle Beacon	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Beacon plugin is required	d on the Managed Hosts to support beacon test monitoring capa	
Dracle CSA	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Client System Analyzer		
Cracle Chargeback And Trending	12.1.0.0.0	12.1.0.0.0 👰		0	0 Oracle Enterprise Manager Chargeback, Consolidation and Trending Plugin		
Oracle MOS (My Oracle Support)	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle MOS plugin provides supr	port for My Oracle Support features such as Knowledge, Servic	
Di oracle.a)	1.1.0.3.0	12.1.0.3.0	12.1.0.3.0	0	Oracle Jdedwards EntrpriseOne	Plugin consists of monitoring and management for Oracle Jded \checkmark	
oracle.apps.j	Management Servers	٦					
General MInformation	Management Agent	i					
Action Expand			StaUser	Start Time		End Time	
Undeployment Expand All Below			SucSYSMAN	August 9, 201	11 2:24:39 PM GMT-06:00	August 9, 2011 2:25:18 PM GMT-06:00	
Deployment on Collapse All Below			Su(SYSMAN	July 1, 2011 3	3:19:41 PM GMT-06:00	July 1, 2011 3:20:41 PM GMT-06:00	
Deployment on	01:4889_Management_Serv	ice	SU(SYSMAN	July 1, 2011 3	3:06:09 PM GMT-06:00	July 1, 2011 3:15:52 PM GMT-06:00	



2. With the undeployed plugin highlighted, right click and choose Undeploy From > Management Servers...

Undeploy Plug-in fro	m Server		
General			
	Name	Oracle Jdedwards EnterpriseOne	
	Version	12.1.0.3.0	
* Repository	SYS Password	******	
Target Types			
Name	Supp	orted Target Versions	
No Target Type Inform	ation Available		
		N	Continue
		М	

3. On Undeploy Plug-in from Server, General, enter the password for the SYS user of the EM repository.

4. Click the **Continue** button.



Undeploy Plug-in from Server		\boxtimes
Review		
Undeployment of plug-in on Management Server will requi disconnected from the Enterprise Manager. During downtir Manager and Enterprise Manager will not monitor any targ	re downtime. All currently connected users will g me period, users will not be able to connect to Er jets	jet Iterprise
Oracle recommends that you take a backup of repository or ensure approx * W Have you backed up the repository?	ppriate recovery plan is in place prior to undeploying the	plug-in
Name Oracle Jdedwards EnterpriseOne		
Version 12.1.0.3.0		
Management Servers		
Name	Currently Deployed Plug-in Version	Status
denlx01:4889_Management_Service	None	Û
	Back Undepl	oy Cancel
		رنانه

5. On Undeploy Plug-in from Server, Review, 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.

Oracle recommends that you backup the repository or ensure appropriate recovery plans are in place prior to deploying the plug-in. Before you can proceed, you must click this checkbox:

Have you backed up the repository?
6. Click the **Undeploy** button.



Undeploy Plug-in from Server

Confirmation

The undeployment of plug-in "oracle.apps.jded" version 12.1.0.3.0 is in progress.

You can monitor the progress using following command

emcli get_plugin_deployment_status -plugin_id=oracle.apps.jded

×

Ск ок



7. On Undeploy Plug-in from Server, Confirmation, verify the undeployment is in progress and click the **OK** button.

ORACLE Enterprise Manager

Setup 👻 Help 👻 🕺 SYSMAN 🛛 Log Out 📿

🍄 Grid 🔻 🔞 Targets 🕶 🌪 Eavontes 🕶 🥝 History 💌 Search Target Name 💌								
Plug-ins								
This page displays the list of plug-ins avai	lable, downloaded and deploye	d in the Enterprise Manager e	nvironment. Plug-in lifecycle actions s	uch as deploy/undeplo	y of Plug-ins on Management Ser	ver and Management Agents can be initiated from here.		
Actions 🗸 View 🗸 💽 Deploy On	👻 📴 Undeploy From 🛛 👻							
		Versions		l				
Name	Latest Available	Downloaded	On Management Server	with Plug-in	escription			
Cracle Fusion Application	12.1.0.0.0	12.1.0.0.0 🙉		0	FA Plugin consists of monitoring	and management for Oracle Fusion and diagnostics in fusion ar		
🗐 Ore 🖓 Siebel	12.1.0.0.0	12.1.0.0.0 🖳		0	Oracle Siebel Plugin consists of monitoring and management for Oracle Siebel area.			
In Oracle Database	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Database plugin provides comprehensive management for Oracle Database and related			
Oracle Fusion Middleware	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle FMW Plugin consists of monitoring and management for Oracle Fusion Middleware and d			
Servers, Storage and Network								
Cracle Beacon	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Beacon plugin is required	on the Managed Hosts to support beacon test monitoring capa		
Oracle CSA	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Client System Analyzer			
🔊 Oracle Chargeback And Trending	12.1.0.0.0	12.1.0.0.0 👰		0	Oracle Enterprise Manager Chargeback, Consolidation and Trending Plugin			
Oracle MOS (My Oracle Support)	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle MOS plugin provides support for My Oracle Support features such as Knowledge, Servic			
I oracle.apps.jded	12.1.0.3.0	12.1.0.3.0	12.1.0.3.0	0	Oracle Jdedwards EntrpriseOne Plugin consists of monitoring and management for Oracle Jded 🐱			
oracle.apps.jded						ب		
General Recent Deploymen	t Activities							
Action			StaUser	Start Time		End Time		
Undeployment on Management Server : denly 01:4889 Management Service			Un SYSMAN	August 9, 201	11 2:34:09 PM GMT-06:00			
Undeployment on Agent : denlx01:3872			SUCSYSMAN	August 9, 20	11 2:24:39 PM GMT-06:00	August 9, 2011 2:25:18 PM GMT-06:00		
Deployment on Agent : denlx01:3872			SucSYSMAN	July 1, 2011 3	3:19:41 PM GMT-06:00	July 1, 2011 3:20:41 PM GMT-06:00		
Deployment on Management Server : denlx01:4889_Management_Service			SucSYSMAN	July 1, 2011 3	3:06:09 PM GMT-06:00	July 1, 2011 3:15:52 PM GMT-06:00		

8. On Plug-ins, 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 point in the deployment you cannot use the EM user interface to check the status and verify that it is complete and that OMS is backup.

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 EM database as shown in the sample below.

Telnet denlx01

[oracle@denlx01 bin]\$./emctl status oms -details Oracle Enterprise Manager 12c Release 1 Grid Control Copyright (c) 1996, 2011 Oracle Corporation. All rights reserved. Enter Enterprise Manager Root (SYSMAN) Password : _

When the message appears indicating that OMS is being started it means that undeployment is complete and that the EM console should be available very soon, depending on how long the actual startup takes to complete.



10 Deinstall the Oracle Database and Cloud Control

Deinstall the Oracle Database and Cloud Control

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*.

To undeploy the JD Edwards EnterpriseOne Application Pack components, refer to the chapter of this guide entitled: *Undeploy JDE AppPack Components*.

Stop the Agent, OMS, and Database Using Line Commands

You should these commands, in this sequence, to stop the Enterprise Manager Agent, the OMS, and the Oracle database using by Enterprise Manager prior to deinstalling any product.

1. On the machine where the database that is being used by Enterprise Manager is running, stop the database using these commands:

sqlplus '/as sysdba'

shutdown immediate

2. On the machine where the database that is being used by Enterprise Manager is installed, stop the database listener using the <code>lsnrctl stop</code> command. This command is run from the <code>/oracle/home/bin</code> directory. For example, your <code>/oracle/home/bin</code> directory and command line might be:

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

3. Stop OMS using the stop oms command, which stops both the Admin Server and the OMS Server. This command is run from the oms/bin directory. For example, your oms/bin directory and command line might be:

/u01/app/emgc12/oms/bin/emctl stop oms

4. Stop the Management Agent using the stop Agent command. This command is run from the bin directory of the agent installation directory. For example, your /bin directory and command line might be:

/u01/app/emgc12/agent/agent_inst/bin/emctl stop agent

5. Verify there no additional Oracle processes are running using this command:

ps -r | grep oracle

Note: A likely example of an Oracle process that might be running is for the **WebLogic Server Node Manager**.

6. Kill any Oracle-based java process which are listed as results from the above command.



Deinstall the Oracle Database and Cloud Control Using OUI

You use the Oracle Universal Installer (OUI) to deinstall the Oracle Enterprise Manager Cloud Control. This section provides an example deinstall based on the install examples described in the chapters of this guide entitled:

- Install the Database for Enterprise Manager
- Install Enterprise Manager Cloud Control



To deinstall the Oracle database and Cloud Control using OUI:

1. Change to the oui/bin directory and run the OUI runInstaller.sh Script. For example, your oui/bin and command line might be:

/u01/app/oracle/home/oui/bin/runInstaller.sh





2. On Oracle Universal Installer: Welcome, click the **Deinstall Products...** button.

🗙 Inventory 💦 🔀						
Contents						
You have the following Oracle products installed:						
⊖-Oracle Homes						
⊕ OraDb11g_home1						
⊕- p₂jdk1						
Product Information Location: /u01/app/emgc12/agent/core/12.1.0.3.0///plugins/oracle.sys						
Show empty homes.						
If you want to remove Oracle software, please check the items and click "Remove".						
To see the languages installed and other details of a component, select the component and then click "Details".						
Expand All Collapse All Details Remove						
Help Save As Close						



3. On Inventory, check every checkbox **except** the checkbox for the Oracle Database Home. For example, do **not** select this checkbox:

OraDB11g_home1

4. Click the **Remove** button.

X Confirmation					
Are you sure you want to deinstall the following products and their dependent components?					
- OracleAS Documentation 11.1.1.4.1					
Application Server 11g Common Cloning Com					
- Oracle Bali Share 11.1.1.4.0					
- Oracle Fusion Middleware Upgrade Assistant 🚑					
Oracle Dynamic Monitoring Service JRF 11.1.1					
-Interim Patch# 11111111					
Interim Patch# 11825868					
Help Yes No					

5. On Confirmation, click the **Yes** button to deinstall all Oracle components except the database home, which cannot be deinstalled until all other components are first deinstalled.



The Remove dialog shows the progress of the deinstallation actions.



🔀 Inventory					
Contents					
You have the following Oracle products installed:					
⊖-Oracle Homes ⊕ I OraDb11g_home1					
Product Information Location: /u01/app/oracle/home					
Show empty homes.					
If you want to remove Oracle software, please check the items and click "Remove".					
To see the languages installed and other details of a component, select the component and then click "Details".					
Expand All Collapse All Details Remove					
Help Save As Close					

6. On Inventory, verify the only remaining Oracle products is the Oracle database home. For example:

OraDB11g_home1

7. On Inventory, select the checkbox for the Oracle database home and click the **Remove** button.



8. A Warning displays this text:

Please run the command '/u01/app/oracle/home/deinstall/deinstall' to deinstall this Oracle home.

9. As instructed in the Warning, open a UNIX console window and issue these commands to change to the / oracle/home/deinstall directory and run the deinstall.sh Script:

Telnet denlx01		
[orac le@den lx01	deinstall]\$	cd /u01/app/oracle/home/deinstall
[orac le@den lx01	deinstall]\$./deinstall _

10. The deinstall.sh script launches the Oracle Deinstall and Deconfiguration Tool and displays the following console, where the **bolded** sections are user prompts. This console listing shows users responses that are applicable for this example. If no response is shown in the console session, then the default action is assumed as triggered by the user input pressing of the Enter key. You should refer to the Oracle OEM documentation and provide user responsibilities applicable to your installation.

Checking for existence of the Oracle home location /u01/app/oracle/home Oracle Home type selected for de-install is: SIDB Oracle Base selected for de-install is: /u01/app/oracle Checking for existence of central inventory location /u01/app/oraInventory

Install check configuration END

Network Configuration check config START

Network de-configuration trace file location: /tmp/deinstall2011-08-09_06-54-51-PM/ logs/netdc check6212736737944149450.log

Specify all Single Instance listeners that are to be de-configured [LISTENER]:

Network Configuration check config END

Database Check Configuration START

Database de-configuration trace file location: /tmp/deinstall2011-08-09_06-54-51-PM/logs/databasedc check5639182693098634058.log

Use comma as separator when specifying list of values as input

Specify the list of database names that are configured in this Oracle home [emrep]:

For Database 'emrep'

Single Instance Database
The diagnostic destination location of the database: /u01/app/oracle/diag/rdbms/
emrep
Storage type used by the Database: FS
Database file location: /u01/app/oracle/oradata/emrep,/u01/app/oracle/
flash_recovery_area/emrep
Flash recovery_area location: /u01/app/oracle/flash_recovery_area/EMREP
database spfile location: /u01/app/oracle/home/dbs/spfileemrep.ora

The details of database(s) emrep have been discovered automatically. Do you still want to modify the details of emrep database(s)? [n]:

Database Check Configuration END

Enterprise Manager Configuration Assistant START

EMCA de-configuration trace file location: /tmp/deinstall2011-08-09_06-54-51-PM/ logs/emcadc check.log

Checking configuration for database emrep Enterprise Manager Configuration Assistant END Oracle Configuration Manager check START OCM check log file location : /tmp/deinstall2011-08-09_06-54-51-PM/logs// ocm_check1704.log Oracle Configuration Manager check END



Oracle Home selected for de-install is: /u01/app/oracle/home Inventory Location where the Oracle home registered is: /u01/app/oraInventory Following Single Instance listener(s) will be de-configured: LISTENER The following databases were selected for de-configuration : emrep Database unique name : emrep Storage used : FS No Enterprise Manager configuration to be updated for any database(s) No Enterprise Manager ASM targets to update No Enterprise Manager listener targets to migrate Checking the config status for CCR Oracle Home exists and CCR is configured CCR check is finished Do you want to continue (y - yes, n - no)? [n]: y A log of this session will be written to: '/tmp/deinstall2011-08-09 06-54-51-PM/ logs/deinstall deconfig2011-08-09 06-55-33-PM.out' Any error messages from this session will be written to: '/tmp/ deinstall2011-08-09 06-54-51-PM/logs/deinstall deconfig2011-08-09 06-55-33-PM.err' Enterprise Manager Configuration Assistant START EMCA de-configuration trace file location: /tmp/deinstall2011-08-09 06-54-51-PM/ logs/emcadc clean.log Updating Enterprise Manager ASM targets (if any) Updating Enterprise Manager listener targets (if any) Enterprise Manager Configuration Assistant END Database de-configuration trace file location: /tmp/deinstall2011-08-09 06-54-51-PM/logs/databasedc clean4559434184925448083.log Database Clean Configuration START emrep This operation may take few minutes. Database Clean Configuration END emrep Network Configuration clean config START Network de-configuration trace file location: /tmp/deinstall2011-08-09 06-54-51-PM/ logs/netdc clean6305675544518456018.log De-configuring Single Instance listener(s): LISTENER De-configuring listener: LISTENER Stopping listener: LISTENER Warning: Failed to stop listener. Listener may not be running. Deleting listener: LISTENER Listener deleted successfully. Listener de-configured successfully. De-configuring Naming Methods configuration file... Naming Methods configuration file de-configured successfully. De-configuring backup files... Backup files de-configured successfully. The network configuration has been cleaned up successfully.

Network Configuration clean config END Oracle Configuration Manager clean START OCM clean log file location : /tmp/deinstall2011-08-09 06-54-51-PM/logs// ocm clean1704.log Oracle Configuration Manager clean END Oracle Universal Installer clean START Detach Oracle home '/u01/app/oracle/home' from the central inventory on the local node : Done Oracle Universal Installer clean END Oracle install clean START Clean install operation removing temporary directory '/tmp/install' on node 'denlx01' Oracle install clean END Successfully de-configured the following database instances : emrep Following Single Instance listener(s) were de-configured successfully: LISTENER Cleaning the config for CCR Cleaning the CCR configuration by executing its binaries CCR clean is finished Successfully detached Oracle home '/u01/app/oracle/home' from the central inventory on the local node. Failed to delete directory '/u01/app/oracle/home' on the local node. Successfully deleted directory '/u01/app/oraInventory' on the local node. Failed to delete directory '/u01/app/oracle' on the local node. Oracle Universal Installer cleanup completed with errors. Run 'rm -rf /etc/oraInst.loc' as root on node(s) 'denlx01' at the end of the session. Oracle install successfully cleaned up the temporary directories. ******

