JD Edwards EnterpriseOne

Application Pack for Oracle Enterprise Manager Cloud Control Implementation Guide

Release 8.98 Update 4

E22498-01

November 2011



JD Edwards EnterpriseOne Application Pack for Oracle Enterprise Manager Cloud Control Implementation Guide, Release 8.98 Update 4

E22498-01

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Preface

Welcome to the JD Edwards EnterpriseOneApplication Pack for Oracle Enterprise Manager Cloud Control Implementation Guide.

Audience

This guide is intended for system administrators and managers who are responsible for monitoring enterprise management systems.

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 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.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	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 in examples, text that appears on the screen, or text that you enter.

Introduction

1

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

The JDE AppPack allows you to use the graphical user interface of EMCC 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

This chapter contains the following topics:

- Section 1.1, "Additional Information"
- Section 1.2, "Minimum Technical Requirements for JDE AppPack"
- Section 1.3, "Minimum Technical Requirements for EMCC"
- Section 1.4, "JDE AppPack Installer Versions"
- Section 1.5, "Obtaining Oracle Software Components from the Oracle Software Delivery Cloud"
- Section 1.6, "Compatible JDE AppPack and EMCC Versions"
- Section 1.7, "Overview Server Manager 8.98.1 for JD Edwards EnterpriseOne"
- Section 1.8, "Features at a Glance"
- Section 1.9, "Features of Server Manager That Are Not Supported by EMCC"
- Section 1.10, "Limitations"

- Section 1.11, "Network Performance Considerations"
- Section 1.12, "Glossary of Terms"
- Section 1.13, "Deployment Architecture"

1.1 Additional Information

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

1.1.1 Oracle Enterprise Manager Cloud Control (EMCC)

Oracle Enterprise Manager Cloud Control (EMCC) is Oracle's single, integrated solution for managing all aspects of the Oracle Grid and the applications running on it. EMCC 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 EMCC guides is available at this link:

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

1.1.2 JD Edwards EnterpriseOne Tools Documentation

Many of the concepts and tasks described in this guide relate to JD Edwards EnterpriseOne administration tasks. These tasks are described in:

JD Edwards EnterpriseOne Server and Workstation Administration Guide

All JD Edwards EnterpriseOne Tools guides, with the exception of installation and upgrade, are located on the Oracle Technology Network at this link:

http://www.oracle.com/technetwork/documentation/jdedent-098169.html

1.1.3 JD Edwards EnterpriseOne Applications Release Installation Documentation

JD Edwards EnterpriseOne applications release installation documentation and updates to the documentation are available on **My Oracle Support**. For example, for Applications Release 9.0, the guides are available in Doc ID 705463.1.

1.1.4 JD Edwards EnterpriseOne Tools 8.98 Server Manager Guide (Doc ID 705509.1)

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. The Tools Release 8.98 version of Server Manager and relevant updates of the guide are in Doc ID 705509.1.

1.1.5 JD Edwards EnterpriseOne Reference Guides

Additionally, various reference guides provide details on applicable tasks and topics external to Server Manager. For example, separate versions of the JD Edwards EnterpriseOne HTML Web Server Reference Guides contain installation and configuration information for the Oracle Application Server and the WebSphere Application Server. Platform and application server specific versions of these guides are available.

1.1.5.1 JD Edwards EnterpriseOne Tools Release Reference Guides (Doc ID 705462.1)

These guides contain reference information for JD Edwards EnterpriseOne Enterprise Servers. For Tools Release 8.98, refer to Doc ID 705462.1.

1.1.5.2 JD Edwards EnterpriseOne HTML Web Server Reference Guides

These guides contain reference information for JD Edwards EnterpriseOne HTML Web Servers. Platform-specific guides are provided for each type of Application Server. For Tools Release 8.98, refer to these Doc IDs:

HTML Web Server running on Oracle Application Server

Doc ID 705507.1

• HTML Web Server running on WebSphere 6.0

Doc ID 705519.1

HTML Web Server running on WebSphere 6.1

Doc ID 705495.1

1.1.5.3 JD Edwards EnterpriseOne Transaction Server Reference Guides

These guides contain reference information for JD Edwards EnterpriseOne Transaction Servers. Platform-specific guides are provided for each type of Application Server. For Tools Release 8.98, refer to these links:

Transaction Server running on Oracle Application Server

Doc ID 705457.1

Transaction Server running on WebSphere Application Server

Doc ID 705459.1

1.1.5.4 JD Edwards EnterpriseOne PIMSync Server Reference Guides

These guides contain reference information for JD Edwards EnterpriseOne PIM Sync Servers. Platform-specific guides are provided for each type of Application Server. For Tools Release 8.98, refer to Doc ID 705508.1.

1.1.5.5 JD Edwards EnterpriseOne Collaborative Portal Server Reference Guides

This guide contains reference information for all JD Edwards EnterpriseOne portals and platforms. For Tools Release 8.98, refer to Doc ID 705513.1.

1.1.5.6 JD Edwards EnterpriseOne Business Services Server Reference Guides

This guide contains reference information for all JD Edwards EnterpriseOne Business Servers on all platforms. For Tools Release 8.98, refer Doc ID 705461.

1.1.5.7 JD Edwards EnterpriseOne Data Access Server Reference Guides

These guides contain reference information for all JD Edwards EnterpriseOne Data Access Servers. Note that the installation of DAS is described in the *Server Manager Guide*.

- JD Edwards EnterpriseOne Interoperability Guide
- JD Edwards Enterprise Tools Release 8.98 BI Publisher for JD Edwards EnterpriseOne

These guides are located on the Oracle Technology Network at this link:

http://www.oracle.com/technology/documentation/jdedent.html

1.2 Minimum Technical Requirements for JDE AppPack

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. Access the current Minimum Technical Requirements (MTR) for the JD Edwards EnterpriseOne products from **My Oracle Support**:

https://support.us.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id= 747323.1

1.3 Minimum Technical Requirements for EMCC

Oracle 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.

1.4 JDE AppPack Installer Versions

Releases and versioning of the installer for the JDE AppPack are scheduled to closely follow the releases and versions of EMCC; 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.

1.5 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/

1.6 Compatible JDE AppPack and EMCC Versions

The JDE AppPack for Oracle EMCC 12c depends on and coincides with JD Edwards EnterpriseOne 8.98.1 of Server Manager. The JDE AppPack is scheduled to be versioned with new versions of EMCC.

1.7 Overview Server Manager 8.98.1 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 and Tools Release 8.98.4 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) 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 and 8.98.

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 EMCC untranslated. You can use the Server Manager Guide Appendix B: Reference - Server Configuration Settings to determine the correlation between a literal configuration setting and that displayed by the Server Manager user interface.

1.8 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 EMCC 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 EMCC Service Level Monitoring feature, you can also check the availability of a system or a feature of an application.
- Additional EMCC functions can be added or referenced. Refer to the EMCC Advanced Configuration Guide at this link:http://download.oracle.com/docs/cd/B16240_ 01/doc/em.102/e10954/toc.htm

1.9 Features of Server Manager That Are Not Supported by EMCC

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 (EMCC). That is, while this information is captured and displayed within Server Manager, there might be an equivalent capture and display from within EMCC depending on the targets types available to your grid installation.

1.9.1 jdelog.properties Logging

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

1.9.2 Java Environment

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

- HTML Server
- DAS Server

Note: Although not available in the base installations of EMCC, this feature could be exposed depending on what Management Packs or Plug-ins are installed in EMCC. 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.

1.9.3 Kernel Ranges

The display of Kernel Ranges is not supported in EMCC for this JD Edwards EnterpriseOne server:

Enterprise Server

1.9.4 Disk Space Usage

The display of Disk Space Usage is not supported in EMCC for this JD Edwards EnterpriseOne server:

Enterprise Server

Note: Although not available in the base installations of EMCC, this feature could be exposed depending on what Management Packs or Plug-ins are installed in EMCC. 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.

1.10 Limitations

1.10.1 EMCC Web App Services

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

1.10.2 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 EMCC and the JDE AppPack are run on Microsoft Windows systems.

1.11 Network Performance Considerations

If your network uses DHCP servers to manage network IP addresses, and your EMCC 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.

1.12 Glossary of Terms

This section describes common terms used in this guide.

1.12.1 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.

1.12.2 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. EMCC 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.

1.12.3 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.

1.12.4 Corrective Actions

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

1.12.5 Dashboard

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

1.12.6 Discovery Process

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

1.12.7 Enterprise Manager Cloud Control 12c (EMCC)

The Oracle EMCC 12c is a web-based user interface for centrally managing your entire computing environment. From the EMCC, 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.

1.12.8 EMCC Agent

The EMCC 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.

1.12.9 JD Edwards EnterpriseOne System

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

1.12.10 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.

1.12.11 Managed Targets

EMCC 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.

1.12.12 Management Repository

This is an Oracle database that contains all the available information about administrators, targets, and applications managed within EMCC. 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 EMCC console.

1.12.13 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.

1.12.14 Oracle Management Service (OMS)

A web application (J2EE-compliant) that renders the user interface for the Oracle EMCC 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 Application Server (OAS). Therefore, when the Oracle Management Service is installed, it also installs the application server.

1.12.15 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.

1.12.16 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.

1.12.17 Roles

Enable you to group EMCC system and target privileges, and grant these to administrators or to other roles. Privileges give the administrator rights to perform management actions within EMCC. 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.

1.12.18 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.

1.12.19 System

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

1.12.20 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 EMCC
- Add targets to EMCC
- Perform actions on targets in the system

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

1.12.21 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.

1.13 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 EMCC:





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 Chapter 5, "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: Section 2.2, "Post Installation Required Database Configuration".

This chapter contains the following topics:

- Section 2.1, "Running the Oracle Database Installer"
- Section 2.2, "Post Installation Required Database Configuration"

2.1 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: Section 1.5, "Obtaining Oracle Software Components from the Oracle Software Delivery Cloud".

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

- 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 118
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
Market Installation Option	E <u>m</u> ail:	your_email@company.com	
Grid Options		Easier for you if you use your My Oracle address/username.	Support email
Typical Installation	I wish to receive security upda	ates via My Oracle Support.	
Prerequisite Checks	My <u>O</u> racle Support Password:		
 Summary 			
Ý Install Product			
 Finish 			
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.

Sel	ect Installation Option	DATABASE 118
ų	Configure Security Updates	Select any of the following install options.
	Installation Option	
*	Grid Options	Install database software only
X	Install Type	○ Upgrade an existing database
Ŷ	Typical Installation	
J	Summary	
J	Install Product	
0	Finish	
		k
	Help	< <u>Back</u> <u>Next</u> > <u>Einish</u> Cancel

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

Create and configure a database

System Class	DATABASE 118
System Class Configure Security Updates Installation Option System Class Typical Installation Prerequisite Checks Summary Install Product Finish	 Centre 2 128 Centre 2 128 Centre 2 128 Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration. Centre 2 128 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</u> Next > Einish Cancel

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

This option allows for more advanced configuration options.

Node Selection	DATABASE 118
 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	
histall Type	
Typical Installation	
Prerequisite Checks	
ý Summary	
🔆 Install Product	
o Finish	
	▶
Help	< <u>Back</u> <u>Next</u> <u>Einish</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 <u>Grid Options</u> 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> Einish Cancel

11. On Select Install Type, click this radio button:

Typical Install

Typical Install Configuratio	on		ORACLE DATABASE	1 ^g
♥ Configure Security Updates	Perform full Database insta	allation with basic configuration.		
Installation Option	Oracle ba <u>s</u> e:	/u01/app/oracle		Browse
System Class	Software location:	/u01/app/oracle/home		Browse
Grid Options	Storage <u>T</u> ype:	File System 👻		
Typical Installation	Database file location:	/u01/app/oracle/oradata		Browse
Prerequisite Checks	ASMSNMP Password: 🦓	l		
Summary	Database <u>e</u> dition:	Enterprise Edition (3.95CB)		
J Finish	OSDB <u>A</u> Group:	oinstall 👻		
	<u>G</u> lobal database name:	emrep		
	Administrative <u>p</u> assword:	*****		
	<u>C</u> onfirm Password:	******		
Help		< Back	Next > Finish	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.

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.
System Class	Inventory Directory: /u01/app/oralnventory Browse
Grid Options	
Install Type	Specify an operating system group whose members have write permission to the inventory directory
Typical Installation	(orainventory).
Greate Inventory	oralnventory <u>G</u> roup Name: oinstall
Prerequisite Checks	
ý Summary	
🍦 Install Product	
o Finish	
	h
Help	< <u>Back</u> <u>Next</u> > <u>Finish</u> 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 **oraInventory Group Name** pulldown. For example, your inventory directory might be:

/u01/app/oraInventory

Note: This directory must exist and be empty.

Perform Prerequisite Check	
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.
A Installation Option	95%
System Class	Checking Package: gcc-4.1.2
Crid Options	Checking Fackage, get 7.1.2
🙏 Install Type	
Typical Installation	
Create Inventory	
Prerequisite Checks	
 Summary 	
Install Product	
Finish	
Help	< Back Next > Einish Cancel

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.

Summary	
Configure Security Updates Installation Option System Class Grid Options Install Type Typical Installation Create Inventory Prerequisite Checks Summary Install Product Finish	Oracle Database 11g Release 2 Installer Global settings Disk space: required 3.95 GB available 61.19 GB Source location: /u01/downloads/db11gr2/database/install//stage/products.xml Install method: Typical installation Database edition: Enterprise Edition (Create and configure a database) Oracle base: /u01/app/oracle Software location: /u01/app/oracle/home OSDBA group: oinstall Inventory information Inventory location: /u01/app/oralnventory oralnventory group: oinstall Database information Configuration: General Purpose / Transaction Processing Global database name: emrep Oracle system identifier (SID): emrep Allocated memory: 3148 MB Automatic memory management option: TRUE Database character set : Unicode standard UTF-8 (AL32UTF8) Save Response File
Help	< <u>Back</u> Next > Einish Cancel

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.

Install Product		CLE 11 ^g
Configure Security Updates	Progress 0%	
Install Type Typical Installation Create Inventory Prerequisite Checks Summary Install Product Finish	Status Oracle Database installation Prepare Copy files Link binaries Setup files Oracle Database configuration Execute Root Scripts for Oracle Database installation	In Progress Pending Pending Pending Pending Pending Pending
		ails Retry Skip
Help	DATABASE 118	Compress Control Einish Cancel

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 Managemen	t			×
Lock / unlock database u	ser accounts and	d / or change the def	ault passwords:	
User Name	Lock Account?	New Password	Confirm Password	
SX2				
SYSTEM				
OUTLN	×			1
FLOWS_FILES	×		k	
MDSYS	×			
ORDSYS	×			
EXFSYS	×			
WMSYS	×			
APPQOSSYS	×			
APEX_030200	×			
OWBSYS_AUDIT	×			
ORDDATA	×			-
		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.

Kecute Configuration scripts	×
The following configuration scripts need to be executed as the "root" user.	
Scripts to be executed:	
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	
Return to this window and click "OK" to continue	
Help OK	

- **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".
 - Run the scripts and verify that they ran successfuly.
 - 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.

imesOracle Database 11g Release	2 Installer - Installing database - Stree 11 of 11	
Finish		DATABASE 11 ^g
Configure Security Updates Installation Option	The installation of Oracle Database was successful. Note: Enterprise Manager Database Control URL - (emrep) :	
Grid Options Install Type Typical Installation Create Inventory	nups.//demx01.1150/em	
Summary Install Product		
Help	<pre><<u>Back</u></pre>	ext > Einish Close

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

2.2 Post Installation Required Database Configuration

After you install a new Oracle database for exclusive use by EMCC 12c, the EMCC 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@den1x01 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@den1x01 bin]\$

2. Per requirements for EMCC, 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 (EMCC)

This chapter shows an example of a new installation of Enterprise Manager Cloud Control (EMCC). If you are using an existing EMCC installation, you can proceed to Chapter 5, "Import the JD Edwards Application Pack OPAR".

An Oracle database must be installed expressly for use by EMCC prior to installing EMCC. 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 EMCC as described in the chapter of this guide entitled: Section 1.5, "Obtaining Oracle Software Components from the Oracle Software Delivery Cloud".

On the machine where you have downloaded the Oracle Enterprise Manager 12c Cloud Control installer:

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

cd u01/downloads/emgc12c/numeric_date/Disk1

where numeric_date is the date of the installer; for example: 110728.

2. Launch the installer using this command:

./runInstaller



- **3.** On My Oracle Support Details, 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.
| Oracle Enterprise Manager G | rid Control 11gR1 Installation - St | tep 2 of 8 | |
|--|--|----------------------------|--|
| Software Updates | | | nterprise Manager 12g Grid Control |
| My Oracle Support Details
Software Updates
Prerequisite Checks
Install Types
Configuration Details
Review
Install Progress
Finish | Skip Search for Updates (Prerequisite Local Directory My Oracle Support (Requires I User Name Password Search for Updates Search for Updates | s, Critical Patches, Inter | Application performance management Monitor end-user issues, and deep diagnostics and remediation of application performance problems |
| Help | | (| < <u>Back</u> Next > Install Cancel |

- 5. On Software Updates:
 - **a.** Press the **Skip** radio button to skip the search for Updates (Prerequisites, Critical Patches, Interim Patches, etc.).
 - b. Press the Search for Updates (Prerequisites, Critical Patches, Interim Patches, etc.) button to choose to search in a local directory if you have previously downloaded patches, or if you have an Oracle support account and Internet access, you can choose to search My Oracle Support.
- 6. Click the Next button.

Oracle Enterprise Manager G	rid Control 11gR1 Installation - Step 3 of 8	
Prerequisite Checks	ORACLE Enterprise Ma	anager 12g Grid Control
My Oracle Support Details Software Updates Prerequisite Checks Install Types Configuration Details Review Install Progress Finish	Prerequisite checks verify that your environment meets all minimum req configuring your selected product Rerun Ignore Prerequisite Name Checking if Oracle software certified on the current O/S Checking for required packages installed on the system Checking whether required GLIBC installed on the system Checking or sufficient diskspace in TEMP location Checking for sufficient diskspace in Inventory location Checking for sufficient diskspace in Inventory location Checking for sufficient diskspace in Inventory location Checking for sufficient physical memory Checking for required kernel parameters Checking for required ulimit value Checking for the Hostname Checking for LD_ASSUME_KERNEL environment variable Description: Check or LD_ASSUME_KERNEL Expected result: LD_ASSUME_KERNEL environment variable is not set to Actual Result: Variable Not set Check complete. The overall result of this check is: Passed	Uirements for installing and Hide Successful Checks Uirements Succeeded
Help	< Back	Next > Install Cancel

7. On Prerequisite Checks, verify the last line of the displayed log reads:

Check complete: The overall result of this check is: Passed

Also review the list of Prerequisite Names and their Status, where values can be Succeeded, Warning, or Failed. A status of Warning does not necessarily indicate an overal failure status. If you fix a Warnings or Failure, you can further choose the **Rerun** or **Ignore** buttons.

If you had a failed check of prerequisites, you will receive this error message.



On Warning, you can click **Yes** to proceed with the installation. If you click **No**, you can fix the error and then click **Rerun** to verify the fix.

8. Click the **Next** button.

0	Oracle Enterprise Manager Gi	rid Control 11gR1 Installation - Step 4 of 11
In	stall Types	ORACLE' Enterprise Manager 12g Grid Control
	My Oracle Support Details Software Updates <u>Prerequisite Checks</u>	 <u>C</u>reate a new Enterprise Manager System <u>Simple</u> <u>Advanced</u>
Ŕ	Install Types	Upgrade an existing Enterprise Manager System
Ý	WebLogic Server Configuration	O Install software only
Ý	Database Connection Details	(Installs Software Bits now, configuration or upgrade can be done later)
Ý	Repository Configuration Detai	
Ý	Port Configuration Details	Middleware Home Location /u01/app/emgc12 Browse
Ý	Review	
Ý	Install Progress	
6	Finish	
 • 		ORACLE 118 ENTERPRISE MANAGER 118 Application performance management Monitor end-user issues, and deep diagnostics and remediation of application performance problems
	Help	< <u>Back</u> Next > Install Cancel

9. On Install Types, click this radio button:

Create a new Enterprise Manager System

Under the above radio button, click this radio button:

Advanced

10. In the field **Middleware Home Location**, either browse or enter a location into which the WebLogic Server will be installed. This location must exist and be empty. For example:

/u01/app/emgc12

11. Click the **Next** button.

🖸 Oracle Enterprise Manager Grid Control 11gR1 Installation - Step 5 of 11					
WebLogic Server Configura	tion Details	ORACLE	Enterprise Manager 12g Grid Control		
 My Oracle Support Details Software Updates Prerequisite Checks Install Types WebLogic Server Configuration Database Connection Details Repository Configuration Details Port Configuration Details Review Install Progress Finish 	WebLogic Domain Name WebLogic Liser Name WebLogic Password Confirm Password Node Manager User Name Node Manager Password Confirm Password OMS Instance Base Location	GCDomain weblogic 	inst Brow <u>s</u> e		
↓		ACLE [®] se manager 11 8	Comprehensive quality management Risk mitigation through Real Application Testing Secure testing via data masking 		
Help			< <u>Back Next> Install</u> Cancel		

12. On WebLogic Server Configuration Details, complete these fields:

WebLogic User Name

Enter a name for your WebLogic Server. For example:

weblogic

Enter and confirm a password for the WebLogic User.

• Node Manager User Name

This value is populated by default from the existing Node Manager installation. You must enter and confirm a password.

• OMS Base Installation

By default this value is populated with the **Middleware Home Location** path you entered on the previous screen. You should append the path with a directory name for the OMS Base Installation. For example, where gc_inst is the appended value:

/u01/app/emgc12/gc_inst

13. Click the **Next** button.

Oracle Enterprise Manager G	rid Control 11gR1 Installatio	on - Step 6 of 11		
Database Connection Detai	ls	ORACLE	Enterprise Manager 12	2g Grid Control
 My Oracle Support Details Software Updates Prerequisite Checks Install Types WebLogic Server Configuration Database Connection Details Repository Configuration Details Review Install Progress Finish 	Database H <u>o</u> st Name Po <u>r</u> t S <u>e</u> rvice/SID <u>S</u> YS Password	denix01 1521 emrep •••••••		
		RACLE [®] RISE MANAGER 11	Beployment lifecycle Rapid provisioning application stack	e management of entire
Help			< Back Next >	

14. On Database Connection Details, complete these fields:

Note: These values can be derived from the **tnsnames.ora** file for the Oracle database for the Management Repository.

Database Host Name

Enter the name of the machine on which your Oracle database for the Management Repository. For example:

denlx01

Port

Enter the port on which the Oracle database for the Management Repository is listening. For example:

1521

Service/SID

Enter the Service/SID for the Oracle database for the Management Repository. For example:

emrep

SYS Password

Enter the SYS user password for the Oracle database for the Management Repository.

15. Click the **Next** button.

1	Error		×
The 1 Repo insta	following prerequisite check failed becaus isitory will be configured, does not meet t Iller fix the issue automatically, click Yes. T	e the Oracle Database, where the Managem he configuration requirements. To let the Fo fix the issue yourself, click No.	ent
	Prereg Name	Recommendation	
	Check job_queue_processes	Set job_queue_processes to 10	
	Yes	No	

16. You may receive the above Error dialog indicating that a prerequisite check failed because the Oracle database, where the Management Repository will be configured, does not meet the configuration requirements.

To let the installer fix the issue automatically, click the **Yes** button. To fix the issue yourself, click the **No** button.

🛃 Warning			
The following prerequisite checks failed becau Management Repository will be configured, do These failures do not impact the installation, b with the product later. You can either fix the is: recommendation offered for this prerequisite, installation ends.	use the Oracle Database, where the es not meet the configuration requirements. ut you may encounter performance issues sue manually right away based on the and click OK, or you can fix it after the		
Prereg Name	Recommendation		
Check Stats Gathering job	Disable Stats Gathering job		
Checkjob_queue_processes Parameter	Set job_queue_processes parameter to 10		
Check process Parameter	Process parameter should be 300		
Check sessions Parameter	Sessions parameter should be 300		
<u>O</u> K			

17. You may receive the above Warning dialog indicating that prequisite checks failed because receive the above Error dialog indicating that a prerequisite check failed because the Oracle database, where the Management Repository will be configured, does not meet the configuration requirements.

These failures do not impact the installation, but you may encounter performance issues with the product later.

You can either fix the issue manually right away based on the recommended offered for this prerequisite, and click the **OK** button, or you can fix it after the installation ends.

🛃 Oracle Enterprise Manager Grid Control 11gR1 Installation - Step 7 of 11					
रि Repository Con	ifiguration D	Petails		erprise Manager 12g Grid Co	ntrol
My Oracle Supp Software Update Prerequisite Ch Install Types WebLogic Serve Database Conne Port Configurat Review Install Progress Finish	ort Details es ecks r Configuration ection Details nfiguration Det ion Details	SYSMAN Passwo Confirm Passwo Registration Passwo Confirm Passwo Management Tablespa Configuration Data Tablespa JVM Diagnostics Data Tablespa	rd	adata/emrep/mgmt.dbf ta/emrep/mgmt_ecm_depot1.dbf adata/emrep/mgmt_ad4j.dbf Reset to Default Comprehensive database mana Performance, availability, and to for enterprise-wide Oracle data	agement security bases
Help				< <u>Back N</u> ext > Install	Cancel

- **18.** On Repository Configuration Details, complete these fields:
 - SYSMAN Password

Enter and confirm a password for the EMCC system manager.

Registration Password

Enter and confirm a password for the EMCC registration.

Management Tablespace

Enter the path to the Management Tablespace. This can be derived from the tnsnames.ora file for the Oracle database for the Management Repository. For example:

/u01/app/oracle/oradata/emrep/mgmt.dbf

Configuration Data Tablespace

Enter the path to the Configuration Data Tablespace. This can be derived from the tnsnames.ora file for the Oracle database for the Management Repository. For example:

/u01/app/oracle/oradata/emrep/mgmt_ecm_depot1.dbf

JVM Diagnostics Data Tablespace

Enter the path to the JVM Diagnostics Data Tablespace. This can be derived from the tnsnames.ora file for the Oracle database for the Management Repository. For example:

/u01/app/oracle/oradata/emrep/mgmt_ad4j.dbf



19. Click the **Next** button.

20. On Port Configuration Details, review the default port assignments.

Note: Configuration of the Enterprise Manager system requires the allocation of several ports to facilitate internal communication between system components as well as to provide access to the console via a browser. The table on this screen contains the ports that will be allocated, along with the recommend port ranges, for each component.

By default, the first available port in the specified port range has been chosen.

Alternatively, you can click the **Import staticports.ini file** button.

21. Click the Next button.

Oracle Enterprise Manager G	rid Control 11gR1 Installation - Step 9 of 11
Review	ORACLE Enterprise Manager 12g Grid Control
 My Oracle Support Details Software Updates Prerequisite Checks Install Types WebLogic Server Configuration Database Connection Details Repository Configuration Details Port Configuration Details Review Install Progress Finish 	Review the information you have provided and click Install to begin the installation process.
	End-to-end application management Integrated user experience and system monitoring, service and configuration management, & provisioning automation
Help	< Back Next > Install Cancel

- 22. On Review, review the information you have provided.
- **23.** Click the **Install** button to begin the installation process.

Oracle Enterprise Manager Gr	rid Control 11gR	1 Installation - S	itep 10 of 11			
Installation Progress Detai	ils		ORACLE	Enterprise Manager 12g	Grid Control	
My Oracle Support Details Software Updates Prerequisite Checks Install Types	Progress	Setup in progra	255	3%		
WebLogic Server Configuration Database Connection Details Repository Configuration Detai Port Configuration Details	Detailed Status	Status Status	Copy files Configure Run root scripts	Step	Log Details View Log	
Review Install Progress Finish						
•			⊂L€ [™] 118	End-to-end application Integrated user experies monitoring, service an management, & provis	management ence and syste d configuration sioning automa	t m n ation
Help				< <u>B</u> ack <u>N</u> ext > []	nstall	ncel

The installer displays the Installation Progress Details screen that shows detailed status.

C Execute (Configuration scripts	×
The following	んて configuration scripts need to be executed as the "root" user	
Scripts to be e	executed	
Number	Script Location	
1	./u01/app/emgc12/oms/allroot.sh	
To execute the 1. Open a new 2. Login in as 3. Run the scr 4. Return to th	e configuration scripts: v terminal window "root" ripts his window and click "OK" to continue <u>OK</u>	

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".
- Run the script and verify that it ran successfuly.
- Return to this window.
- **24.** On Execute Configuration Scripts, after you have executed the script as described in the preceding step, click the **OK** button to continue.

Oracle Enterprise Manager Gr	id Control 11gR1 Installation - Step 11 of 11
Finish	ORACLE' Enterprise Manager 12g Grid Control
 My Oracle Support Details Software Updates Prerequisite Checks Install Types WebLogic Server Configuration Database Connection Details Repository Configuration Details Port Configuration Details Review Install Progress 	This information is also available at: /u01/app/emgc12/oms/install/setupinfo.txt See below for information pertaining to your Enterprise Manager installation: Use the following URL to access: 1. Enterprise Manager Grid Control URL: https://denlx01:7799/em 2. Admin Server URL: https://denlx01:7101/console The following details need to be provided during the additional OMS install: 1. Admin Server Hostname: denlx01 2. Admin Server Port: 7101
Finish	NOTE: An encryption key has been generated to encrypt sensitive data in the Management Repository. If this key is emctl exportconfig oms -dir backup location>
Help	< <u>B</u> ack <u>N</u> ext > <u>I</u> nstali

25. On Finish, verify the installation has completed with no errors. Click the **Close** button to exit the installer.

Note: The setupinfo.txt file contains information about the setup. This screen indicates the location of the file. For example:

/u01/app/emgc12/oms/install/setupinfo.txt

This screen also displays the URL you can use to access EMCC and the Admin server. Also listed are the details that need to be provided during the subsequent OMS install:

1. Admin Server Hostname

For example:

denlx01

2. Admin Server Port

For example:

7101

The screen also states the encryption key has been generated to encrypt snesitive data in the Management Repository. You can determine this key by issuing this command as the root user:

emctl exportconfg oms -dir <backup location>

3-16 Application Pack for Oracle Enterprise Manager Cloud Control Implementation Guide

Set Up the Software Library within EMCC

This section describes the procedure to set up the software library into Oracle Enterprise Manager Cloud Control (EMCC). This step is required before you can import the JD Edwards EnterpriseOne Application Pack, which is described in the next chapter of this guide enittled: Chapter 5, "Import the JD Edwards Application Pack OPAR".

To set up	the Software	Library	within	EMCC:

ORACLE' Enterpris	e Manager Cloud Cont	trol 12c			Setup 🕶 Help 👻 🔽 SYSMAN 🛛 Log	Out 👱
🌍 Grid 🗸 🍈 Iargets 👻 🛧 Ea	worites 👻 📀 History 👻			Search Target I	Name 🗸	+
Summary	istration			Pag	e Refreshed Aug 11, 2011 2:18:34 PM M	1DT 🖒
Monitoring +	y: Administration					
Job >	for configuring and administerin	ng Software Library storage locations.				
Configuration	Referenced File Locations					
Compliance +	can be used for uploading files	for Software Library entities.				
Provisioning and Patching 🔸	Procedure Activity					
Quality Management	Procedure Library	must be locally accessible by all the OMS instances, typically a mo	unted/shared location. You can optionally configure the com	mon credential to	be used by Software Library for reading/wri	iting
My Oracle Support +	Software Libre					
Actions 🗸 View 🗸 👍 Add	Bare Metal Provisioning	and Remove				
Name	Database Provisioning	Location	Associated Entities	Total Space	Available Space Last Refreshed	
swlib1	Pilddieware Provisioning	/u01/app/swlib1/	Show	100 GB	35.301 GB Thu Aug 11 14:18:35 MDT 201	1
	Saved Patches					
	Linux Patching					

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

ORACLE Enterprise Manager Cloud Control 120						Setup 👻 Help 👻 🎎 SYSMAN Log Out 🔇		
🍹 Grid 👻 🌀 Iargets 👻 🐈 E	avorites 👻 🥝 Histç	ala 🗻						Search Target Name 🗸
oftware Library								Page Refreshed Aug 11, 2011 2:19:52 PM MDT
oftware Library maintains entitie ne of your own. Once defined, I	s that represent soft these reusable entitie	ware patches, virt is can be reference	tual appliance images, ed from a Deployment i	reference gold images Procedure to automat	, application software e the patching, provi	and their associated ioning or deployment	directive scripts. You o of the associated soft	can pick any of the Oracle-supplied entities, customize them or create a custo ware.
Actions View + 6d Viev	/ Edit 💥	Delete Find	Name 💌		•			🔍 Search
Create Entity		Туре	Subtype	Revision	Status	Maturity	Owner	Description
Create Folder							ORACLE	Root Folder for Software Library entities
Selete Felder	ovisioning Utilities						ORACLE	Entities belonging to AS Provisioning
Delete Polder	10						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 ar
Move Entity							SYSMAN	Components Folder
👍 Add Notes							SYSMAN	Directives Folder
Add Attachments							SYSMAN	Images Folder
Import	-						SYSMAN	Networks Folder
Europh							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
⊳ 📴 Java EE Provisionin	ig.						ORACLE	Java EE Application Provisioning Entities
MultiOMS							ORACLE	List of Oracle shipped Directives
OS8Provisioning							ORACLE	OSBProvisioning Entities
Patching							ORACLE	Patching directory
Prerequisite-fixup	components						ORACLE	Prerequisite-fixup components Components belonging to DB Provisio
Self Update							SYSMAN	Archives for Self Update
SoaProvisioning							ORACLE	SOA Provisioning Entities

2. On Software Library, navigate Actions > Administration.



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

Add OMS Sh	Add OMS Shared 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	Î			
	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 Server (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 Activeas shown in the below example.

ORACLE Enterprise Manager Cloud Control 12c		Setup + Help + 🔝 SYSMAN Log O	it 🧲		
😥 🔯 🚽 🚳 Iargets + 🏫 Eavorites + 🥝 Hist <u>o</u> ry +		Search Target Name 🗸	+		
Software Library: Administration		Page Refreshed Aug 15, 2011 9:32:59 AM MD	τĊ		
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 flesystem 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					
Name Status Location	Associated Entities	Total Available Last Refreshed			
wib1 Active /u01/app/swlb1/	Show	100 GB 34.866 GB Mon Aug 15 09:33:01 MDT 20	11		

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 (EMCC) and to the EMCC agent.

Note: This procedure assumes you have obtained the JD Edwards Application Pack OPAR for Oracle EMCC as described in the chapter of this guide entitled: Section 1.5, "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: Chapter 4, "Set Up the Software Library within EMCC".

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

1. Change to the oms/bin directory of your EMCC 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 EMCC:

./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 12.1.0.0.0. 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 EMCC:

./emcli import_update -file=/u01/app/AddOnDevKitWork/jde_plugin/plugin_ opar/12.1.0.0.0_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 EMCC is complete.

6

Deploy the JDE App Pack into the Management Server

This chapter contains the following topics:

- Section 6.1, "Prerequisites to Deploying the JDE AppPack into the Management Server"
- Section 6.2, "Deploy the JDE AppPack into the Management Server"

See Also

Chapter 9, "Undeploy JDE AppPack Components"

6.1 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 8.98.1

Refer to Section 1.7, "Overview Server Manager 8.98.1 for JD Edwards EnterpriseOne" in this guide.

Oracle Database for EMCC Repository

An Oracle database must be installed for exclusive use by EMCC. Refer to Chapter 2, "Install the Database for Enterprise Manager" in this guide.

Oracle Enterprise Manager Cloud Control

Refer to Section 1.1.1, "Oracle Enterprise Manager Cloud Control (EMCC)" and Chapter 3, "Install Enterprise Manager Cloud Control (EMCC)" in this guide.

Additionally you must have already set up a Software Library as described in the chapter of this guide entitled: Chapter 4, "Set Up the Software Library within EMCC".

Further, you must have already imported the JDE AppPack as described in the chapter of this guide entitled: Chapter 5, "Import the JD Edwards Application Pack OPAR".

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

6.2 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).

(Setup - Help - SYSMAN Log	Dut
Ì	My Preferences	•
	Add Target	•
	Agents	
	Post Upgrade Tasks	
Self Update	Extensibility	•
Plug-ins	Proxy Settings	
Manageneent Connectors	Security	۲
Data Exchange	Incidents	•
	Notifications	•
	Provisioning and Patching	+
	My Oracle Support	•
	Middleware Diagnostics	
	Management Services and Repository	
	Management Packs	•

1. In Oracle EMCC, navigate Setup > Extensibility > Plugins

ORACLE Enterprise Manag	er Cloud Control 12c				Setup + Help + 🔝 SYSMAN 🛛 Log Out 📿		
🌍 Grid 👻 🌀 Targets 👻 🐈 Eavorites 👻 I	⊖ Hist <u>o</u> ry →				Search Target Name 🗸		
Plug-ins	lug-ins Page Refreshed Aug 16, 2011 9:38:26 AM MDT 🖒						
This page displays the list of plug-ins available from here.	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	*					
Namo		Version		Management	Description		
Name	Latest Available	Latest Downloaded	On Management Server	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	12.1.0.0.1	12.1.0.0.1 💽	12.1.0.0.0	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

EMCC 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.

🞲 Grid 👻 🌀 Targets 👻 🚖 Favorites 👻 📀 Hist <u>o</u> ry 👻						
Plug-ins						
This page displays the list of plug-ins available from here.	This page displays the list of plug-ins available, downloaded and deployed in the Enterprise Ma from here.					
Actions - View - 📴 Deploy On 🗸	📴 Undeploy From	•				
Name		Version				
Name	Latest Available	Latest Downloaded				
V 🚞 Applications						
Oracle Fusion Applications	12.1.0.0.0	12.1.0.0.0 👰				
🗐 Oracle Idedwards EnterpriseOne	121001	12 1,0.0.1 💽				
💵 Oracle 🖳 Deploy On 🕒	Management Serve	ers <mark>0.0.0 👰</mark>				
Databases 💁 Undeploy From	Management Ager	it				
💵 Oracle Fu: 🕍 Information	12.1.0.0.0	12.1.0.0.0				
Servers, S						
Oracle Be	12.1.0.0.0	12.1.0.0.0				
Oracle Ch	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				

ORACLE Enterprise Manager Cloud Control 12c

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 Enterpri	seOne	
Version	12.1.0.0.1	*	
* Repository SYS Password			
Target Types			
Name Supp	oorted Target Versions		
No Target Type Information Availabl	e		
Version of Oracle Jdedwards Ente	erpriseOne Plug-in Curre	ntly Deployed	
Version 12.1.0.0.0			
Target Types			
Name Supp	oorted Target Versions		
No Target Type Information Available	e		
			Continue Cancel

- **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.

De	eploy Plug-in on Man	agement Servers			×
P	re-requisite Checks				
	🕒 Pre-requisite Cheo	cks - In Progress			
					
	Name	Oracle Jdedwards EnterpriseOne			
	Version	12.1.0.0.1	1		
	Management Serve	rs	Pre-requisite Name		Status
				Back Next	Cancel

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

plo	y Plug-in on Management Servers		
re-r	requisite Checks		
4	Pre-requisite Checks - Completed Successfully		
	Name Oracle Jdedwards EnterpriseOne Version 12.1.0.0.1		
	Management Servers	Pre-requisite Name	Status
\triangleright	denlx01:4889_Management_Service	Initialize	v
\triangleright	denlx01:4889_Management_Service	Install software	A
\triangleright	denlx01:4889_Management_Service	Validate plug-in home	v
\triangleright	denlx01:4889_Management_Service	Perform custom pre-configuration	v
\triangleright	denlx01:4889_Management_Service	Check mandatory patches	v
	denlx01:4889_Management_Service	Generate metadata SQL	v
	denk01:4889_Management_Service	Pre-configure repository	Image: A start of the start
		-	Back Next Cance
		-	Back N

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 Se from the Enterprise Manager. During down Enterprise Manager will not monitor any ta Oracle recommends that you take a backup of repo * Mave you backed up the repository?	erver will require downtime. All currently connected users will get discontime period, users will not be able to connect to Enterprise Manager a argets sitory or ensure appropriate recovery plan is in place prior to deploying the plug	onnected and g-in
Name Oracle Jdedwards Ent	erpriseOne	
Version 12.1.0.0.1		
Management Servers		
Name	Currently Deployed Plug-in Version	Status
denk01:4889_Management_Service	12.1.0.0.0	Ŷ
	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 12.1.0.0.1 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 En	terprise Mar	nager					Setup - H	elp 👻 🔛 SYSMAN 🛛 Log Out 🔎
🜍 Grid 👻 👩 Iargets ·	🕶 🏫 Eavorites 🕇	🕶 🕝 Histor					Search Target Name 👻	÷
Plug-ins							Page Refreshed	Aug 9, 2011 2:49:28 PM MDT 🖒
Plug-ins > Deployment Ac	tivities							
Deployment Activi	ities							
⊻ Search								
	Name	oracle.apps.ic	ied 🔽					
	Submitted	act 1 Day	×					
	Subinities	Last I Day	•					
	Destination							
		Search						
Name	Status	Version	Content Type	Destination		Job Name	Start Time	End Time
oracle.apps.jded	۲	12.1.0.0.0	Plugin	denlx01:4889_M	anagement_Service	Plugin_Deployment_104_oracle.apps.jded	August 9, 2011 2:49:08 P	M GM
oracle.apps.jded	~	12.1.0.0.0	Plugin	denlx01:4889_M	anagement_Service		August 9, 2011 2:34:09 P	M GM August 9, 2011 2:38:57 PM GM
oracle.apps.jded	~	12.1.0.0.0	Plugin	denb:01:3872			August 9, 2011 2:24:39 P	M GM ⁻ August 9, 2011 2:25:18 PM GM ⁻
oracle.apps.jded	~	12.1.0.0.0	Discovery	denb:01:3872			August 9, 2011 2:24:39 P	M GM August 9, 2011 2:25:18 PM GM
Deployment Steps :	oracle.apps.jde	:d						
Step		Status	Start Time	End Time	Job Step Name	Trace File	Log File	
Submitted		2.0005	August 9, 2011 2:49:08 PM	GM August 9, 2011 2:49	:08 PM GM	emoms.trc	emorns.log	
Copying bits		 Image: A second s	Aug 1 9, 2011 2:49:16 PM	GM August 9, 2011 2:49	16 PM GM CopyPluginOMSAr	chives emoms.trc	emoms.log	

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 denlxO1
[oracle@denlx01 bin]$ ./emctl status oms -details
Ordele 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.

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

This chapter contains the following topics:

- Section 7.1, "Prerequisites to Deploying the JDE AppPack into the Management Agent"
- Section 7.2, "Deploy the JDE AppPack into the Management Agent"

See Also

Chapter 9, "Undeploy JDE AppPack Components"

7.1 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 enitlted: Chapter 5, "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: Chapter 6, "Deploy the JDE App Pack into the Management Server"

7.2 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.

(
	Setup - Help - SYSMAN Log (Dut
	My Preferences	۲
	Add Target	•
	Agents	
	Post Upgrade Tasks	
Self Update	Extensibility	•
Plug-ins	Proxy Settings	
Managerwint Connectors	Security	۲
Data Exchange	Incidents	٠
	Notifications	۲
	Provisioning and Patching	•
	My Oracle Support	٠
	Middleware Diagnostics	
	Management Services and Repository	
	Management Packs	٠

1. In Oracle EMCC, navigate Setup > Extensibility > Plugins.

ORACLE Enterprise Manager Cloud Control 12c						
🞲 <u>G</u> rid 🗸 🌀 Iargets 🗸 🐈 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	•				
		Version				
Name	Latest Available	Latest Downloaded				
V 🛅 Applications						
Oracle Fusion Applications	12.1.0.0.0	12.1.0.0.0 🖳				
Dracle	121001	12 1 0.0.1 🖳				
💵 Oracle 🖳 Deploy On 🔹 🕨	Management Serve	ers 0.0.0 🕰				
Databases Subscription Undeploy From	Management Ager	nt				
💵 Oracle Fus 🕍 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				
Cracle MO Show as Top	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 Mana	igement A	gent			
General					
	Name	Oracle Jdedwards E	nterpriseOne		
	Version	12.1.0.0.0	~		
Farget Types					
Name	Supp	ported Target Versions			
Selected Manageme	nt Agent		k}		
Management Agent			Operating System	m Deployed Version	Status
					Next Cance

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

Search and Se Search and	Search and Select: Targets - Oracle Enterprise Manager Search and Select: Targets					
Select Sta	atus Up Ag	ents where o	racle.aj	pps.jded is not depl	oyed	٦
Target Type	Agent			•		Ш
Target Name						Ш
On Host						Ш
			Search			
Target Name		Target Type		On Host	Status	
denlx01:387	⁷² N	Agent		denlx01	企	
	43					
Targets Selected	1:1	Mode: Multi-S	Select			
					Select Cance	

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

	agement A	gent			6
eneral					
	Name	Oracle Jdedwards Enterp	riseOne		
	Version	12.1.0.0.0	~		
arget Types					
Vame	Supp	oorted Target Versions			
Selected Manageme	nt Agent				
Selected Manageme	n t Agent nove		Operating System	Deployed Version	Status
Selected Manageme Add X Rem Management Agent denlx01:3872	nt Agent nove		Operating System Linux	Deployed Version	Status

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

view				
new				
Deployment of plug-in	on managed host will rest	art the agent.		
Name	oracle.apps.jded			
Version	12.1.0.0.0			
elected Management Ag	jent			
Management Agent		Operating System	Deployed Plug-in Version	Status
denlx01:3872		Linux x86		Ŷ
				_

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 12.1.0.0.0 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 gec_piugin_depioymenc_scacus -piugin_id=oracie.apps.jded	
	Show St tus 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.

ORACLE Enterprise Manager

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Plug-ins							Page Refreshed Aug	9, 2011 3:05:21 PM MDT 🖒
Plug-ins > Deployment Activitie	15							
Deployment Activities								
Name	Status	Version	Content Type	Destination		Job Name	Start Time	End Time
oracle.apps.jded	v	12.1.0.0.0	Plugin	denlx01:3872		Plugin_Deployment_105_oracle.apps.jded	August 9, 2011 3:03:47 PM G	1" August 9, 2011 3:04:58 PM GM"
oracle.apps.jded	v	12.1.0.0.0	Discovery	denlx01:3872		Plugin_Deployment_105_oracle.apps.jded	August 9, 2011 3:03:40 PM G	1 August 9, 2011 3:03:46 PM GM
Deployment Steps : orac	:le.apps.jde	d						
sha t ∔		Chalue	Shark Time	End Time	Joh Stan Nama	Traca Eila	Los Ele	
Job Job		Jadus	August 9, 2011 2:02:47 PM CM	Churster 9, 2011 2-02-47 DM CM	Job Steh Matte	among by	LOG File	
Lindating inventory		1	August 9, 2011 3:03:47 PM GM	Fingust 9, 2011 3:03:47 PM GM		emons.cr.	emons.log	
Charling inventory			August 9, 2011 3:03:47 PM GM	August 9, 2011 3:04:50 PM GM		emons.orc	emons.log	
starting Agent		•	August 9, 2011 3:03:47 PM GM	Hugust 9, 2011 3:04:56 PM GM		emons.crc	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 EMCC session will soon be available.

Using EMCC with JD Edwards EnterpriseOne

This chapter contains the following topics:

- Section 8.1, "Additional Information for EMCC"
- Section 8.2, "Using EMCC for the First Time"
- Section 8.3, "Accessing the EMCC Console"
- Section 8.4, "EMCC Home Page"
- Section 8.5, "Targets"
- Section 8.6, "Adding the JD Edwards EnterpriseOne Domain"
- Section 8.7, "JDE EnterpriseOne Domain Home Page"
- Section 8.8, "Members of the JD Edwards EnterpriseOne Domain"
- Section 8.9, "Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)"
- Section 8.10, "Configuration Topology"
- Section 8.11, "System Monitoring Dashboard"
- Section 8.12, "Monitoring Configuration"
- Section 8.13, "Latest Configuration Data"
- Section 8.14, "Runtime Metrics (Status, User Count, and Performance)"
- Section 8.15, "Configuration Metrics for JD Edwards EnterpriseOne"
- Section 8.16, "Accessing Server Manager from EMCC"
- Section 8.17, "Removing the JD Edwards EnterpriseOne Domain"
- Section 8.18, "Starting and Stopping Components of Enterprise Manager Environments"

8.1 Additional Information for EMCC

For additional information, refer to these EMCC 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
- Administrator's Guide for Software and Server Provisioning and Patching
- Oracle Enterprise Manager List of Books

8.2 Using EMCC for the First Time

The EMCC console provides support for creating and managing EMCC administrator accounts. The EMCC administrators you create and manage in the EMCC console are granted privileges and roles to log in to the EMCC 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 EMCC 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.

8.3 Accessing the EMCC Console

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

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

For example:

https://machine_host.company.com:1159/em

8.4 EMCC 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: Section 8.7, "JDE EnterpriseOne Domain Home Page".

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🌍 Grid 👻 🌀 Iargets 👻 📩 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 of 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.							
Contraction of the second seco	Select As My Home							
Incidents	SOA							
Incident Manager helps users track, diagnose and resolve issues identified across 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	60 Preview							
Middleware	Composite Application							
Monitor all middleware targets in your environment from this page.	An enterprise level view of Composite Applications. It provides list of all Composite Applications created with their member details along with status information.							
Preview Select As My Home	And							

8.5 Targets

To view all existing EMCC 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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All Targe	All Targets	Ctrl-	+Shift+T							
-	Groups									
	Systems									
	Services									
	Hosts									
	Databases									
	Middleware									
	Composite A	pplications								

8.6 Adding the JD Edwards EnterpriseOne Domain

To add the JD Edwards EnterpriseOne domain to EMCC:

ORACLE Enterprise Manager Cloud Control 12c							
💝 Grid 🔻 🎯 Iargets 👻 🛧 Eavorites 👻 📀 History 👻							
Systems							
A system is a collection of related manageable entities which together provide one or more business fu							
⊻ Search							
Type All							
Search Advanced Search	Save Search Criteria						
View 👻 🧪 Edit 💥 Remove 📃 Customize Page	JDE EnterpriseOne Domain						
	Access Manager - Access System						
Name	Access Manager - Identity System						
i i i i i i i i i i i i i i i i i i i	Database System						
	Generic System						
/EMGC_GCDomain/GCDomain	Identity and Access System						
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Identity Federation System						
/EMGC GCDomain/GCDomain/EMGC OMS1/empbs	Identity Manager System						
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMPana	JDE EnterpriseOne Domain						
/Linde_debomain/debomain/Linde_onst/oenikepe	Redundancy System						

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

JDE EnterpriseOne Domain

ORACLE Enterprise Manager			• <u>H</u>	elp 🕶	:1 :	SYSMAI	u Lo	og Out	0	
💝 Grid 🕶 🛞 Iargets 🕶 🊖 Eavorites 🕶 🤭 History 🕶									→	
Systems		Page Refreshed Jul 28, 2011 2:41:50 PM MDT 🗘								
A system is a collection of related manageable entries which together provide one or more hypicess functions. Members of any system can have well-defined relationships amongst themselves, railed accordations									-	
≤ search										
Type Name	Type Name						- 11			
Search Advanced Search								- 11		
View 🗸 🥒 Edit 💥 Remove 🔄 Customize Page 🛛 JDE EnterpriseOne Domain 🛛 😽 💠 Add 🔤	Detach								_	
			Member Status			Incidente				
Name Typ	Туре	Sta Members	S	Summary			Incidents			
IENCE CEDensia/CEDensia	vada Wahi anir Damain	o/s Application Deal	1	L A	0	-	2	<u> </u>		
IEMGC_GCDomain/GCDomain/EMGC_ADMINSERVER/oracle_security_apm(11,1,1,3,0)	ndication Denloyment	Host(1)		1 .	÷	1	1		÷	
IEMGC_GCDomain/GCDomain/EMGC_OMS1/emac	pplication Deployment	Host(1)	-	1 -			•		-	
(EMGC_GCDomain/GCDomain/EMGC_OMS1/emphs And	nnlication Deployment	Host(1)		1 -				i i i		
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	polication Deployment	Host(1)		1 -	•					
/EMGC_GCDomain/GCDomain/EMGC_OM51/oracle.oes.pd(11.1.1.3.0) App	polication Deployment	Host(1)		1 -		1			•	
/EMGC_GCDomain/GCDomain/EMGC_OM51/oracle.security.apm(11.1.1.3.0) App	pplication Deployment	Host(1)		1 -		1		-	-	
dev_env_globalwin2.mlab.jdedwards.com JDE	DE EnterpriseOne Domain	n/a EnterpriseOne N		4 -	1					
EMGC_GCDomain Ora	racle Fusion Middleware Farm	n/a Application Depl	3	6 -	•	3	2	-	•	
▷ Management Services and Repository OM	M5 and Repository	Application Depl	2	8 -	·	2	6	2	•	

2. On Systems, with the JDE EnterpriseOne Domain selected, click the Add button.
| ORACLE [®] Enterprise Manager | Setup + Help | 🗸 🎎 SYSMAN Log Out 👱 |
|---|--|---------------------------|
| 🎲 Grid 👻 🎯 Iargets 👻 🚖 Eavorites 👻 😋 Histor | Search Target Name 🗸 | → |
| Add JDE EnterpriseOne Domain | wikin a YPE Enterprise/Year Damain mananad ku Carung Mananag All Enterprise/Year kurante will be discurred and culled into Enterprise Mananage on a next of this means | Cancel OK |
| Enter required parameters needed to discover all target | within a buc cherphoeone contain managed by Server Manager. An cherphoeone targets will be docovered and pulsed into cherphoe Manager as a part of this proces | 10. |
| * 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 | denb:01 | |
| * Server Manager Host | dendv030.mlab.jdedwards.com
Server Manaer Hot for this tareet. | |
| * Server Manager HTTP Port | 8999 | |
| * Server Manager JMX Port | Territor manager Hill P Port case. | |
| * Server Manager Admin User | jde_admin | |
| * Server Manager Admin Password | Server Manager jde_admin User (This should not be changed from the default jde_admin user.) | |
| | Jama Linerada Ina Sarana. | Cancel OK |
| | | |
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- 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**.

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.

ORACLE' Enterprise Manager		≦etup ▼ Help ▼	🕺 SYSMAN 🛛 Log Out 📿
💝 Grid 🔻 🌀 Iargets 👻 🌟 Eavorites 👻 📀 History 👻		Search Target Name 👻	÷
Processing: Creating JDE EnterpriseOne Domain and associated ta Processing dev_env_dendv030.mlab.jdedwards.com discovery	rgets		
${\mathscr C}$ TIP This operation cannot be canceled. It will continue even if the browser window is closed.	Discovering: IDE EnterpriseOne Domain. Creating: IDE EnterpriseOne Domain target. Saving: IDE EnterpriseOne Domain targets discovered.		
	L _s		

- **5.** As it adds the JD Edwards Domain and associated targets, EMCC 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.

	vrise Manager Cloud Control 12c	Setup 🕶 Help 🖛 🛛 💶 SYSMAN 🛛 Log Out
🜍 Grid 👻 🎯 Iargets 👻 🏫	Eavorites 👻 😋 History 👻	Search Target Name 👻
dev_env_dendv030.n 💽 Custom Menu 🕶	nlab.jdedwards.com 🛛	🔞 Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🖒
General Owner SYST Privisinge Propagation Disa	©↓ MAN bled	✓ Status © ▼ 5 Members
Incidents Open 0 Category Availability	0. 0 <u>A</u> P	densun29 [Ju01/idedwards/DE_HONE] Image: Constraint of the constraint of
Security - Others -		Compliance Standards Members
Open 0		View + View Tends Name Average Score No data to display Image Score
✓ Jobs Activity For jobs whose start date is	within the last 7 days.	
Status	JDE Enterpris Any Member Domain	
Problem Executions Action Required Executions Suspended Executions Scheduled Executions Running Executions		✓ Dependent Targets Name Type Status Association

8.7 JDE EnterpriseOne Domain Home Page

ORACLE Enterprise Manager								Setup + Help + 🔢 S	YSMAI	N LO	og Ou	t 📿
🚏 Grid 👻 👩 Targets 👻 📩 Eavorites 👻 🔗 Hist <u>o</u> ry 🕶							Sea	arch Target Name 👻				+
Systems								Page Refreshed Aug 1, 2011	1:18:	32 PM	4 MDT	гĊ
A system is a collection of related manageable entities which together provide one or more b	business functions. Me	embers of any system c	an have well-defined	relations	nips a	mon	gst i	themselves, called associations.				_
v Search												
												- H
Type Name												
Search Advanced Search												
View 🗸 🧪 Edit 💥 Remove 🛄 Customize Page 🛛 Generic System	Market Add	Detach										
	-		a	Mei	nber	State	JS			Incide	ents	
Name	Type		Status			Cin	0	Members	0			
/EMGC_GCDomain/GCDomain	Oracle WebL	ogic Domain	n/a	3	6		÷	Application Deployment(6), Oracle	3	2	-	
/EMGC_GCDomain/GCDomain/EMGC_ADMINSERVER/oracle.security.apm(11.1.1.3.0)	Application D	eployment	4	-	1	-	-	Host(1)	1	1	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Application D	eployment	Û	-	1	-	-	Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	Application D	eployment	Û	-	1	-	-	Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	Application D	eployment	Û	-	1	-	÷	Host(1)				
/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		-	1	-	÷	Host(1)	1	-	-	-
dev_env_globalwin2.mlab.jdedwards.com	JDE Enterpris	eOne 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 Rep	DOSICOLA	Ϋ́	2	8	-	-	Application Deployment(5), Oracle	2	0	2	-
Columns Hidden 8												

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

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😚 Grid 👻 🌀 Iargets 👻 🏫 Eavorites 👻 🤗 Hist <u>o</u> ry 🕶			Se	arch Target Name 👻			
Systems				Page Refreshed Aug 1, 2011	1:18:3	2 PM	мрт С
A system is a collection of related manageable entities which together provide one or more busine	ess functions. Members of any system	can have well-defined r	elationships amongst	themselves, called associations.			
✓ Search Type Name Search Advanced Search							
View 🗸 🖉 Edit 🙀 Remove 🔝 Customize Page 🛛 Generic System	🗸 💠 Add 🛛 🚮 Detach						
Name	Туре	Status	Member Status Summary	Members		Incide	nts
/EMGC_GCDomain/GCDomain	Oracle WebLogic Domain	n/a	3 6	Application Deployment(6), Oracle	3	2	• ·
/EMGC_GCDomain/GCDomain/EMGC_ADMINSERVER/oracle.security.apm(11.1.1.3.0)	Application Deployment	4	- 1	Host(1)	1	1	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Application Deployment	Ŷ	- 1	Host(1)			
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	Application Deployment	Ŷ	- 1	Host(1)			
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	Application Deployment	Ŷ	- 1	Host(1)			
/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.oes.pd(11.1.1.3.0)	Application Deployment		- 1	Host(1)	1	-	
/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.security.apm(11.1.1.3.0)	Application Deployment		- 1	Host(1)	1	-	
dev_env_globalwin2.mlab.jdedwards.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	Û	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 () Custom Menu +	🎯 Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🖒
General Owner SYSMAN Privilige Propagation Disabled Issues Overview Open 0 Category Availability · · · · Performance · · · · Others · · · Problems	Status Statu
Open 0 ✓ Jobs Activity © • For jobs whose start date is within the last 7 days. © • Status JOE Enterpris Any Member Domain Problem Executions 0 0 Action Required Executions 0 0 Suspended Executions 0 0	Name Average Score No data to display Image: Score So Dependent Targets Image: Status Name Type Status Association
Scheduled Executions 0 0 Running Executions 0 0	No oppendent 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.

ORACLE Enterprise Manager	Cloud Control 12c	<u>S</u> etup → <u>H</u> elp →	🕵 នា	(SMAN	Log Out	0
🜍 Grid 👻 🎯 Targets 👻 🐈 Eavorites 👻 🤗 H	list <u>o</u> ry ▼	Search Target Name 🔫				•
Systems		Page Refreshed Aug 24,	, 2011 12	2:00:48 F	M MDT (Ċ
A system is a collection of related manageable ent well-defined relationships amongst themselves, ca	ities which together provide one o lled associations.	or more business functions. Members of	f any syste	em can ha	ve	
⊻ Search				Saved S	Searches +	
Type All	*	Name				
Search Advanced	Search Save Search Criteria					
View 🗸 🥒 Edit 💥 Remove 📃 Customi	ze Page Generic System	🖂 🕂 Add				
	_		Membe	r Status	In	cid€
Name	Туре	Sta Members			0	
/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	- 6			
/EMGC_GCDomain/GCDomain/EMGC_OMS1	Application Deployment	Application Deployment(3), Oracle	- 6			
/EMGC_GCDomain/GCDomain/EMGC_OMS1	Application Deployment	Application Deployment(3), Oracle	- 6			
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), Metad	- 7			
Management Services and Repository	OMS and Repository	TApplication Deployment(3), Oracle	- 9		- 21	L

4. Optionally you can set the JD Edwards Domain as your EMCC home page, with the JD Edwards Domain page as the current page in your EMCC 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 🗸 🖕 Favorites 🗸 🤗 Hist <u>o</u> ry 🗸	Set Current Page as My Home	My Preferences
dev. env. globalwin2 mlab idedwards.com 0	Select My Home	Add Target
Custom Menu +	Enterprise Manager Password & Email	Agents
	Personalize Page	Post Upgrade Tasks
Edit IDE EnternyiceOne Demain (day, any, clababyin) mlab	Command Line Interface	Extensibility
Eur JDE Enterpriseone Domain : dev_env_giobalwinz.iniab	Accessibility	Proxy Settings
Components Topology Charts Columns Dashboard		Security +
componental ropology analia columno aduntodra		Incidents +
		Notifications +
Components		Provisioning and Patching
Remove Add My Oracle Support +		
		Middleware Diagnostics
Select All Select None	-	Management Services and Repository
Select Name 📥	Туре	Management Packs

8.8 Members of the JD Edwards EnterpriseOne Domain

To display members of the JD Edwards EnterpriseOne Domain:



- 1. With the JD Edwards EnterpriseOne Domain displayed, in the upper left hand portion of the EMCC display, choose the **Custom Menu** pulldown, and then **Members** and **Show All**.
- **2.** EMCC displays a list of members as shown in the following example:



ORACLE Enterprise Manager Cloud Control 12c

8.9 Updating the JD Edwards EnterpriseOne Domain (Refresh Discovery)

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

ORACLE Enterprise Manager Cloud Control 12c	Setup + Help + 🔝 SYSMAN Log	10nt ठ
🞲 Grid 🔻 🎯 Iargets 👻 📩 Eavorites 👻 🥝 History 👻	Search Target Name 👻	*
dev_env_dendv030.mlab.jdedwards.com 🛽	🎯 Page Refreshed Aug 19, 2011 10:49:34 AM GMT-0)6:00 🖒
Cover SYSMAN Privage Propagation Disabled Status Diverview Incidents Copen 0 Category Availability	✓ Status S Members	
Security Others	Compliance Standards Members	9-
Problems Open 0	View Image Average Score No data to display Average Score Average Score	
Jobs Activity For jobs whose start date is within the last 7 days. Submitted to JDE Enterpris Any Member Domain Problem Executions O Subpended Executions O Submitted to Submitted Executions O Submitted Executions O Submitted Executions O Submitted Executions O	✓ Dependent Targets Name Type Status Association	•

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



2. EMCC displays this warning page:



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.

ORACLE Enterprise Manager Cloud Control 12c	<u>S</u> etup → <u>H</u> elp → 🎎 SYSMAN Log Out 🤇
🎲 Grid 👻 🌀 Targets 👻 🌟 Favorites 👻 🤗 History 👻	Search Target Name 🗸
dev_env_globalwin2.mlab.jdedwards.com ④ Output: Custom Menu -	
Processing: Refreshing JDE EnterpriseOne Dom Processing dev_env_globalwin2.mlab.jdedwards.com discovery	ain and associated targets
Re-discovering EnterpriseOne targets	
Discovering: JDE Enterprise Saving: JDE EnterpriseOne	One Domain. Domain targets discovered.
𝒞 TIP This operation cannot be canceled. It will continue even if the brow	ser window is closed.

The EMCC 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.

ORACLE Enterprise Manager Cloud Control 12c	2	jetup 👻 Help 👻 🔛 SYSMAN 🕴 Log Out 🛛 📿
🌍 Grid 👻 🎯 Iargets 👻 🌟 Eavorites 👻 🥝 History 👻	Search Target Nam	ie 🕶
dev_env_dendv030.mlab.jdedwards.com () O Custom Menu +	🎯 Page Refresher	d Aug 19, 2011 10:49:34 AM GMT-06:00 🖒
General Over SYSMAN PrMSige Propagation Disabled	Status 5 Members ∰ 5 Up Most Affected Members (Last 24 Hours) ⓐ Name Type Key Member Status Availa	⊿ ▲ ⊙•
✓ Issues Overview ⊗ Incidents Open 0 ▲ ▶ Availability -	dems.n291/bdl/dedwards/DE H0ME Image: Compliance Standards	n/a n/a n/a n/a n/a o
Problems Open 0	View	
Jobs Activity For jobs whose start date is within the last 7 days. Status Status Problem Executions Action Required Executions Suppended Executions O Suppended Executions O	Dependent Targets Name Type Ratus Association No dependent targets.	0.

8.10 Configuration Topology

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

	Setup 👻 Help 👻 🔢 SYSMAN 📔 Log Out. 🦕
🚏 Grid 🔻 🎯 Iargets 👻 🐈 Eavorites 👻 🥝 History 💌	Search Target Name 👻
dev_env_dendv030.mlab.jdedwards.com ® ② Custom Menu +	🔀 Page Refreshed Aug 19, 2011 10:49:34 AM GMT-06:00 🖒
Ceneral Owner SYSMAN Printinge Propagation Disabled	Status Or 5 Members 12 5 Up Most Affected Members (Last 24 Hours) 3 Name Tripe Key Member Status Availability (%)
✓ Issues Overview	densun29 [Ju01]/dedwards/DE_HOME] Image: Constraint of the second s
Performance	Compliance Summary Compliance Standards Members Vew - Wew Tends
Jobs Activity For jobs whose start date is within the last 7 days.	Name Average score
Submitted to JDE Enterpris Domain Submitted to	·
Problem Executions 0 Action Required Executions 0 Suspended Executions 0 Scheduled Executions 0	Opendent Targets Ov Name Type Status Association No dependent targets. Status Association Status

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

Custom Menu > Members > Topology

Custom Menu > Configuration > Topology

	-					
vorit	ies 🔻 🥝 Hist <u>o</u> ry	-				
dev_env_globalwin2.mlab.jdedwards.com 🛽						
۲						
۲	1					
۲	Show All					
(Topology					
	Dashboard					
۲	Operations					
۲	History					
۲						
	vorit b b b b b b b b b b b b b	Vorites V History				

ORACLE Enterprise Manager Cloud Control 12c

🌍 <u>G</u> rid 🗕 🎯 <u>T</u> argets 🚽 🐈 Eav	vorites ∓ ⊘ Hist <u>o</u> ry +
dev_env_globalwin2.mla	ab.jdedwards.com 🖲
Home	
Monitoring	•
Control	•
Job Activity	
Information Publisher Reports	
Members	•
Refresh Discovery	
Server Manager	
Configuration	Last Collected
Compliance	Topology
Target Setup	Search
Target Information	Compare
	Comparison Job Activity
	History
	Save
	Saved

ORACLE Enterprise Manager Cloud Control 12c

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



8.11 System Monitoring Dashboard

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

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



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

DRACLE Enterprise Manager Cloud Control 12c								
Customize Help JDE EnterpriseOne Domain: Page Refreshed Aug 21, 2011 9:14:15 AM MDT dev env globalwin2.mlab.jdedwards.com Refresh								
Target			Туре		Status	Incidents	Compliance Violations	1
Jas 8090 densun31			EnterpriseOne H	ITML Server	1	0 0	0 0 0	1
GLOBALWIN2.mlab.jde	LOBALWIN2.mlab.jdedwards.com [C:\		EnterpriseOne M	lanaged Home	1	0 0	0 0 0	
E900 EntServer Sun?	EntServer Sun31 densun31		EnterpriseOne Enterprise Server		1	0 0	0 0 0	
densun31 [/u01/jded	nsun31 [/u01/jdedwards/JDE_HOME]		EnterpriseOne M	lanaged Home	1	0 0	0 0 0	
densun31 [/u01/jde /	homewls]		EnterpriseOne M	lanaged Home	1	0 0	0 0 0	
Alerts 🕹 0 🥥 0								
Severity	Target	Date	Message	Acknowledged By	C	Current Value	Latest Comment	
No alerts found								~
							-	

8.12 Monitoring Configuration

EMCC automatically sets up the monitoring configuration for the JDE EnterpriseOne targets.

ORACLE Enterprise Manager Cloud Control 12					
🌍 Grid 🔻 🎯 Targets 👻 🐈 Fa	avorites 👻 📀 Hist <u>o</u> ry 👻				
dev_env_globalwin2.mla	ab.jdedwards.com 🗿				
Home					
Monitoring	•				
Control	•				
Job Activity					
Information Publisher Reports					
Members	•				
Refresh Discovery					
Server Manager					
Configuration	•				
Compliance	•				
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.

		Help +
EnterpriseOne HTML Server:Jas_8090_densun31 > Monitoring Co Monitoring Configuration	nfiguration	Cancel OK
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 availabil the target's homepage.	ity and performance, so no further monitoring configuration is necessary	y. You can edit the metric thresholds from Cancel 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.

8.13 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.

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

ORACLE Enterprise Manager					
🜍 Grid 🔻 🎯 Targets 👻 🐈	<u>F</u> avorite	es ∓ 📀 Hist <u>o</u> ry ∓			
<mark>☆ Jas 8090_densun3</mark>	1				
Home					
Monitoring	•				
Control	•				
Job Activity					
Information Publisher Repor	ts				
Configuration	•	Search			
Compliance	•	Compare			
Target Setup	•	Save			
Target Information		Comparison Job Activity			
19		Saved			
	6	History			
		Last Collected			
	1	Topology			

2. EMCC displays the latest configuration for the selected Target.

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

	rprise Manager Cloud Control 12	tc		Setup +	Help 👻 🔛 SYSMAN 🛛 Log Out 📿
🌍 Grid 👻 🎯 Iargets 👻 🛉	📩 Eavorites 👻 🥝 History 👻			Search Target Name 👻	+
🗘 las 8090 densu	n31 🖲				denbx01
Target =				Dage Defreshed	10 2011 11:15:25 AM MDT C
i argec +				Page Refreshed a	Nug 19, 2011 11:15:26 API PIDT
Latest Configuration	n: Jas_8090_densun31				
			Actions -		
JDE Ente priseOne C	onfiguration priseOne Configuration				
N					
	Collected Aug 18, 2011 6:29:45 PM GM	T-06:00			
	View - 📺 Export 🚮 Detach	۰. ۲			
	Configuration File Name	Section Name	Configuration Entry Name	Configuration Entry Value	
	jas.ini	SECURITY	NumServers	1	~
	jas.ini	SECURITY	SecurityServer	densun31	
	jas.ini	SECURITY	SecurityServer1	NONE	
	jas.ini	SECURITY	SecurityServer2	NONE	
	jas.ini	SECURITY	SecurityServer3	NONE	
	jas.ini	SECURITY	SecurityServer4	NONE	
	jas.ini	SECURITY	UseLogonCookie	TRUE	
	jas.ini	SECURITY	CookieLifeTime	7	
	jas.ini	SECURITY	SSOEnabled	false	
	jas.ini	SECURITY	OracleAccess550	false	
	jas.ini	SECURITY	OracleAccessSSOSignOffURL		
	jas.ini	SECURITY	StrictVersionSecurity	0	
	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	
	Jaslini	OWWEB	TimeWaitBeForeAutoResume	1000	~
	iac ini	OWNER	GlobalPadeSize	n	Tabel Mumber of Down 107
					local number of Rows : 185

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

	Cloud Control 12c		<u>S</u> etup - <u>H</u> elp -	🔽 SYSMAN 🛛 Log Out 📿
🌍 Grid 👻 👩 Targets 👻 🐈 Eavorites 👻 🥝	History 🗸		Search Target Name 👻	+
🔂 E900_EntServer_Sun31_densu	IN31 🖲			📒 denix01
💿 Target 🗸			Page Refreshed Aug 24, 2	011 12:33:27 PM MDT 🖒
Latest Configuration: E900_EntS ♥	erver_Sun31_densun31	Actions -		
JDE EnterpriseOne Configuration	JDE EnterpriseOne Configuration			
	Collected Aug 23, 2011 7:13:28 PM GMT-06:00 View • <u> <u> </u></u>			
	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	
	JDE.INI	DEBUG	KeepLogs	
	JDE.INI	DEBUG	TamTraceLevel	
	JDE.INI	DEBUG	Thread Trace Level	
	JDE.INI	DEBUG	QKLog	
	JDE.INI	DEBUG	RepTrace	
	JDE.INI	DEBUG	CloseFiles	
	JDE.INI	DEBUG	RunBatchDelav	· · · ·
			Tot 369	al Number 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.

	Cloud Control 12c		<u>S</u> etup + <u>H</u> elp +	🛂 SYSMAN 🕴 Log Out 🧕
🌍 Grid 👻 🇑 Targets 👻 🐈 Eavorites 👻 🤗	Hist <u>o</u> ry ▼	S	Search Target Name 👻	÷
			Page Refreshed Aug 24, 20	denlx01
Latest Configuration: Jas_8090_c ♥ ♥ Jas 8090 densun31 JDE EnterpriseOne Configuration	lensun31	configuration	Actions -	
	Collected Aug 23, 2011 View -	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

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

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

- Enterprise Server
- HTML Web Server

ORACLE Enterprise Manager Cloud C	ontrol 12c	<u>S</u> etup ▼ <u>H</u> elp	o 🕶 🛛 🎎 SYSMAN 🔹 Log Out 🖳					
🐐 🔄 🐨 🎯 Targets 🗸 🏫 Eavorites 🗸 🥝 History	▼	Search Target Name 👻	6					
dev_env_globalwin2.mlab.jdedwards.com	n 🖲							
Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com								
Page Refreshed Aug 24, 2011 12:04:58 PM GMT-06:00 Refresh								
			View All Members Direct Members					
View All Members Direct Members								
View All Members Direct Members Search All	G	io						
View All Members Direct Members Search All Name 	Туре	io Status	Incidents					
View All Members Direct Members Search All Name densun31_[/u01/jde_homewls]	Type EnterpriseOne Managed Home	io Status	Incidents 0 0 0					
View All Members Direct Members Search All All Name densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME]	Type EnterpriseOne Managed Home EnterpriseOne Managed Home	Status	Incidents 0 0 0 0 0 0					
View All Members Direct Members Search All Mame densun31_[/u01/jde_homewls] densun31_[/u01/jdedwards/JDE_HOME] E900_EntServer_Sun31_densun31	Type EnterpriseOne Managed Home EnterpriseOne Managed Home EnterpriseOne Enterprise Server	io Status C C B	Incidents 0 0 0 0 0 0					
View All Members Direct Members Search All Mame 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 C C C C C C	Incidents 0 0 0 0 0 0 0 0 0					

- 1. On Members for JDE EnterpriseOne Domain, for each member you can view:
 - Status
 - 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 으
🎲 Grid 🔻 🍥 Iargets 👻 📩 Favorites 👻 🤗 Hist <u>o</u> ry 👻	Search Target Name 🗸 🔸
Graget → Target → Target →	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 4,200 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 %

🍃 Grid 👻 🌀 Targets 👻 📩 Favorites 👻 🥝 Hist<u>o</u>ry 🗣 Search Target Name 🚽 ÷ 🔂 Jas_8090_densun31 🛽 denlx01 🚳 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 250,000,000 600 500 200,000,000 400 150,000,000 300 100,000,000 200 50,000,000 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 July 2011 100 5 6 8 10 12 14 16 18 20 22 24 26 28 30 1 July 2011 📕 Total Heap Size COBK Avg Execute Time Call Object Kernel Timeout Errors 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 *

Setup + Help + SYSMAN Log Out 🔾

8.15 Configuration Metrics for JD Edwards EnterpriseOne

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

- Section 8.15.1, "All Metrics for JD Edwards EnterpriseOne Enterprise Server"
- Section 8.15.2, "All Metrics for JD Edwards EnterpriseOne HTML Server"

8.15.1 All Metrics for JD Edwards EnterpriseOne Enterprise Server

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

🚯 Grid 🗸 🌀 Targets 🗸 🥎 Eavorites 🗸 🤗 History 🗸			Search Target Name 👻	+			
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 Pl	M 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 🗕 🎯 Iargets 🚽 🛧 Eavorites 🗸 🤗 Hist <u>o</u> ry 🗕						
C E900_EntServer_Sun31	_densun31 0					
Home						
Monitoring	All Metrics					
Control •	Metric and Collection Settings					
Job Activity	Metric Collection Errors					
Information Publisher Reports	Status History					
Configuration •	Incident Manager					
Compliance •	Alert History					
Target Setup	Blackouts					
Target Information						

With the JDE EntepriseOne target displayed in EMCC, navigate Target > Monitoring > All Metrics.

ORACLE Enterprise Mar	nager			<u>S</u> etup +	<u>H</u> elp 🗸 🛛 👥 S	SYSMAN Log Out 🧲
🌍 Grid 🗸 👩 Targets 🗸 🐈 Favorites	s ✔ 📀 Hist <u>o</u> ry ✔		Search	Target Name 🗸		+
<pre> E900_EntServer_Sun31_ Target → </pre>	densun31 🛛			Page Refreshe	ed Aug 2, 201 1	🔋 denk01 L 1:45:26 PM MDT 🖒
All Metrics Search	Open Metric Events					
View - 📰 🎁 😫	Metric Name	Severity	Message			Last Collected Timest
 ✓ E900 EntServer Sun31 densum > Average CPU % Used by all Kernel > Enterprise Server Process Manage > Kernel Thread > Network Process > Response > Total JDB Table Cache Count > Total JDE Cache > Total Number of DB Connections > Total Number of Dustanding Ref > Total Number of Ustanding Ref > Total Number of Ustanding Ref > Total Number of Users > Other collected items 	No data to display.	Critical	Warning >			X

- **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 Mar	nager		<u>S</u> etup 🗸 <u>H</u> elp 🗸 💁 SYSMAI	N Log Out 🤦
🛯 🌍 Grid 👻 🌀 Targets 👻 🐈 Favorites		Se	earch Target Name 🗸	+
<pre> Jas_8090_densun31 Jas_est Target </pre>			Page Refreshed Aug 3, 2011 12:00	denk01 🕻
All Metrics Search View ▼ 〒 〒 12 Visw ₹ 〒 15 View ▼ 13c 9000_donsun21 ▼ Jac 9000_donsun21	Average Execution Time Collection Schedule Every 15 Minutes Upload Interval Every Collection Last Upload Aug 3, 2011 12:11:53 PM MDT			
CallObj Avg Time CallObj Avg Time Call Object (BSFN) Stats Current number of open appli Database Datasource General System Info and Uptir JDB Service Cache JDBj Cached Prepared Statem	Metric CallObj Avg Time Ø Data shown in above table is collected in real time.	Thresholds Not Set	Real Time Value	

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 Man	ager	Setup 🗸 Help 🗸 🛛 💁 SYSMAN 🛛 Log Out 📿
🎲 Grid 👻 🌀 Targets 👻 🖕 Eavorites	▼ 📀 Hist <u>o</u> ry ▼	Search Target Name 🗸 🔿
		denk01 Page Refreshed Aug 3, 2011 12:00:19 PM MDT 🖒
All Metrics		View Data Last 24 Hours Auto Refresh Off 💙
Search 🔷	CallObj Avg Time	
View 🔻 📜 🏗 🗅	Statistics	Thresholds Modify Thresholds
✓ Jas_8090_densun31 ✓ Average Execution Time CallObj Avg Time Cache Group Callo Object (BSFN) Stats Ourget pumpler of open applie	Last Known Value 156.06 Collection Timestamp Aug 3, 2011 12:11:53 PM MDT Average Value 156.06 Low Value 156.06 High Value 156.06	Warning Threshold Not Defined Critical Threshold Not Defined Comparison Operator > Occurrences Before Alert 1 Corrective Actions None
 Catabase Datasource General System Info and Uptin JDB Service Cache JDBJ Cached Prepared Statem JDBJ Connection Manager JDBJ Connection Pool JDBJ Pooled Connection JDBI Pooled Connection JDBI DENET Connection Pool Soci 	Metric Value History 600 500 400 200 200 100 10 10 12 PM 02 04 06 08 10 12 August 02 2011 04 06 08 10 12 August 02 2011 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CallObj Avg Time 04 06 08 10
JDENET Host/Port Connection Java Heap Memory Used OMN/intual Datail		Table View
Convoirual Detail Response Total Number of System Error Total Number of Timeout Error Total number of current users User Sessions		

8.15.2 All Metrics for JD Edwards EnterpriseOne HTML Server

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

Search Target Name ↓ Search Target Name ↓ dev_env_globalwin2.mlab.jdedwards.com ③ Custom Menu ↓ Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com Page Refreshed Aug 3, 2011 12:29:52 PM GMT-06:00 Refresh Search All ♥ Mame ▲ Type Status Alerts Policy Violations densun31_[/u01/jde_homewls] EnterpriseOne Managed Home 0
dev_env_globalwin2.mlab.jdedwards.com Custom Menu ▼ Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com Page Refreshed Aug 3, 2011 12:29:52 PM GMT-06:00 Refresh Search All ● Search All ● Go Name ▲ Type Status Alerts Policy Violations densun31_[/u01/jde_homewls] EnterpriseOne Managed Home 0 0 0 0 gensun31_[/u01/jdedwards/DDE_HOME] EnterpriseOne Managed Home 0 <t< th=""></t<>
Members for JDE EnterpriseOne Domain: dev_env_globalwin2.mlab.jdedwards.com Page Refreshed Aug 3, 2011 12:29:52 PM GMT-06:00 Refresh Search All I I I I I I I I I I I I I I I I I I
Page Refreshed Aug 3, 2011 12:29:52 PM GMT-06:00 Refresh Search All Go Name Type Status Alerts Policy Violations densun31_[/u01/jde_homewls] EnterpriseOne Managed Home 0 0 0 0 genus11_[/u01/jdedwards/DE_HOME] EnterpriseOne Managed Home 0
Search All Go Name Type Status Alerts Policy Violations densun31_[/u01/jde_homewls] EnterpriseOne Managed Home Go 0 0 0 0 0 densun31_[/u01/jdedwards/JDE_HOME] EnterpriseOne Managed Home Go 0 0 0 0 0 E900 EntServer Sun31 densun31 EnterpriseOne Enterprise Server 0 0 0 0 0
Name Type Status Alerts Policy Violations densun31_[/u01/jde_homewls] EnterpriseOne Managed Home S 0 0 0 0 0 0 0 0 0 0
densun31_[/u01/jde_homewls] EnterpriseOne Managed Home 0 0 0 0 densun31_[/u01/jdedwards/JDE_HOME] EnterpriseOne Managed Home 1 0 0 0 0 E900 EntServer Sun31 densun31 EnterpriseOne Enterprise Server 0 0 0 0 0
kdensun31_[/u01/jdedwards/JDE_HOME] EnterpriseOne Managed Home 0 0 0 0 0 E900 EntServer Sun31 densun31 EnterpriseOne Enterprise Server 1 0 0 0 0 0
E900 EntServer Sun31 densun31 EnterpriseOne Enterprise Server
GLOBALWIN2.mlab.jdedwards.com_[C:\jde_home] EnterpriseOne Managed Home 0 0 0 0 0 0
Jas_8090_densun31 EnterpriseOne HTML Server 0

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

-	-
🌍 <u>G</u> rid 🔻 🇑 <u>T</u> argets 👻 🔶 <u>F</u> avori	tes → 📀 Hist <u>o</u> ry →
	l densun31 🖲
💿 Target 🗸	
Home	
Monitoring	All Metrics
Control	Metric and Collection Settings
Job Activity	Metric Collection Errors
Information Publisher Reports	Status History
Configuration •	Incident Manager
Compliance •	Alert History
Target Setup	Blackouts
Target Information	

ORACLE[®] Enterprise Manager

2. With the JDE EntepriseOne target displayed in EMCC, navigate Target > Monitoring > All Metrics.

🌍 Grid 👻 👩 Targets 👻 🐈 Favorites		Search Target Name	-
1as_8090_densun31		Page Refres	🗐 denk01 hed Aug 3, 2011 12:00:19 PM MDT Շ
All Metrics Search View → → → → → → → → → → → → →	Open Metric Events Metric Name No data to display. Composition of the second	Critical Warning	Last Collected Timest
<			

- **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
 - JDENET Connection Pool Socket
 - Java Heap Memory Used
 - OWVirtual Detail
 - Response
 - Total Number of System Errors
 - Total Number of Timeout Errors
 - Total number of current users
 - User Sessions

- 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.

	ager				<u>S</u> etup + <u>H</u> elp +	SYSMAN	Log Out 👱
🎲 Grid 🔻 🇑 Targets 👻 🛧 Favorites 🔹	+ ⊘ Hist <u>o</u> ry +			Search Ta	rget Name 👻		+
🔂 Jas_8090_densun31 🛛							📒 denk01
🐼 Target 🗸				Pa	ge Refreshed Aug	3, 2011 12:39:17	7 PM MDT 🖒
All Metrics							
Search	Call Object (DCDI) C	haka					
Search	Call Object (BSFN) S	tats					
View 🗸 📜 🏗 🎦	Collection Schedule E	very 15 Minutes					
	Upload Interval E	very Collection					
✓ Average Execution Time	Last Upload A	ug 3, 2011 12:27:16 Pl	M MDT				
CallObj Avg Time	JVM Node Id	Enterprise Server	Business Function Name	Application Errors	Average Time	First Time	
Z Call Object (BSEN) Stats	singleton	DENSUN31:6015	GetServicePackRelea	0	3	3	~
Application Errors	singleton	DENSUN31:6015	GetOMWFeatureSup	0	8	8	
Average Time	singleton	DENSUN31:6015	GetParentAddress	0	22	296	
First Time	singleton	DENSUN31:6015	ConvertMathNumeric	0	2	55	
Longest Time	singleton	DENSUN31:6015	RetrieveUsersCurrent	0	15	15	
Shortest Time	singleton	DENSUN31:6015	GetABConstants	0	19	23	
System Errors	singleton	DENSUN31:6015	IsAuditingPresent	0	3	3	
Timoout Errors	singleton	DENSUN31:6015	FormatMNtoTime	0	2	4	1
Table Table and Table A	singleton	DENSUN31:6015	LeftJustifyUDCValue	0	7	188	
Total Invocations	singleton	DENSUN31:6015	GetReleaseEnum	0	2	3	
	singleton	DENSUN31:6015	WebVersionSpecsExi	0	69	69	
Current number of open applic	singleton	DENSUN31:6015	ReadActiveQueueINI	0	2	7	
Database Datasource	singleton	DENSUN31:6015	IsXMLP2SPPresent	0	2	196	
General System Info and Uptir	singleton	DENSUN31:6015	[init-remote-env]	0	2,290	2,921	
JDB Service Cache	singleton	DENSUN31:6015	GetEnvironmentValu	0	47	33	~
JDBj Cached Prepared Statem	<						>
JDBj Connection Manager	Ø Data chown in abov	a table is collected in re-	al timo				
JDBj Connection Pool		e table is collected in rea	ar cirrie.				
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 Man	ager				<u>S</u> etup -	Help +	SYSMAN LOG C	Dut 🤦
🎲 Grid 👻 🌀 Targets 👻 🐈 Favorites ·	≠ 🥝 Hist <u>o</u> ry ≠			Searc	h Target Name	•		+
	Graget → Page Refreshed Aug 3, 2011 12:39:17 PM MDT ♥							
All Metrics	Ann Franking France	_		View	Data Last 24	Hours	Auto Refresh	Off \vee
View - F T C	JVM Node Id	Enterprise Server	Business Function Name	Average Value	Low Value	High Value	Last Known Value	с
	singleton singleton	DENSUN31:6015 DENSUN31:6015	GetParentAddress LeftJustifyUDCValue	0	0 0	0	0	
Cache Group	singleton singleton singleton	DENSUN31:6015 DENSUN31:6015 DENSUN31:6015	GetReleaseEnum GetServicePackRelea ConvertMathNumeric	0 0 0	0 0 0	0 0 0	0 0 0	
Application Errors Average Time	singleton	DENSUN31:6015	GetOMWFeatureSup	0	0	0	0	>
Longest Time Shortest Time System Errors Timeout Errors Total Time	Select row to see d	etails						
 Current number of open appli Database Datasource General System Info and Uptir JDB Service Cache 								
JDBJ Cached Prepared Statem JDBJ Connection Manager JDBJ Connection Pool JDBJ Pooled Connection JDENET Connection Manager JD								

8.16 Accessing Server Manager from EMCC

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**.



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:

	er Cloud Control 12c	<u>S</u> etup –	Help 🗸 🔝 Sysman	Log Out 🧕
😳 Grid 👻 🍈 Targets 👻 🐈 Eavorites 👻 🄇	o Hist <u>o</u> ry √ 5	Search Target Name 😽		+
dev ed globalwin2.mlab.jdedw	vards.com (i)			
💿 Custom Menu 👻		Page Refreshed Aug 2	1, 2011 10:16:53 AM GM	T-06:00 🖒
(i) Information The Agent monitoring the target is not up. 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	8999	J		
Server Manager JMX Port	14501			

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



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

ORACLE JD	Edwards EnterpriseOne	Server Manager Documentation EnterpriseOne Documentation Logout
Select Instance	Managed Homes and Managed Insta	nces
Quick Links > Search User Resources > Server Manager Users > Server Groups > Monitors > JDBC Drivers	Use the dropdown below to select the desired management view Select View Managed Homes a	nd Managed Instances 💌
Managed Software Management Agents Oracle Configuration Manager	Shown below are each of the known managed homes and the home that is not running and you wish to not see it listed here select [Managed Home]: Remove Stop Up Select All Select None	managed instances they contain. If there is a managed you may remove it. pdate
	Managed Home Location 👃 🥼	Managed Instances (i)
		WLS 1032 Oracle WebLogic Server 11g
	☆ <u>densun31</u> /u01/jdedwards/JDE_HOME	E900 EntServer Sun31 EnterpriseOne Enterprise Server
	☐ ① <u>GLOBALWIN2.mlab.jdedwards.com</u> C:\jde_home	home Management Console Ŷ Running

8.17 Removing the JD Edwards EnterpriseOne Domain

ORACLE Enterprise Manager Setup - Help - 12 sysman Log Out						t 🔵				
🎲 Grid 👻 🌀 Targets 👻 📩 Eavorites 👻 🥝 Hist <u>o</u> ry 👻					5	earch Target Name 👻				→
Systems Page Refreshed Aug 1, 2011 3:40:32 PM MDT 🗘						r C				
A system is a collection of related manageable entities which together provide one or more busines	s functions. Members of any system	can have well-defined re	lationsh	hips ai	nongs	t themselves, called associations.				
Search										
Type Name										
Search Advanced Search										- 1
View 👻 🥖 Edit 💥 Remove 🔄 Customize Page 🛛 Generic System 🕞	🖌 🕂 Add 🛛 🚮 Detach									
			Mer	mber	Status			Incid	lents	
Name	Туре	Status		Summ	ary Ball (Members	8			
/EMGC_GCDomain/GCDomain	Oracle WebLogic Domain	n/a	3	6	-	Application Deployment(6), Oracle	3	2	-	-
/EMGC_GCDomain/GCDomain/EMGC_ADMINSERVER/oracle.security.apm(11.1.1.3.0)	Application Deployment		-	1		Host(1)	1	1	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMS1/emgc	Application Deployment	Û	-	1		Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/empbs	Application Deployment	Û	-	1	-	Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/OCMRepeater	Application Deployment	Û	-	1		Host(1)				
/EMGC_GCDomain/GCDomain/EMGC_OMS1/oracle.oes.pd(11.1.1.3.0)	Application Deployment		-	1	-	Host(1)	1	-	-	-
/EMGC_GCDomain/GCDomain/EMGC_OMG1/orado.cocurity.apm(11.1.1.3.0)	Application Deployment		-	1	-	Host(1)	1	-	-	-
dev_env_globalwin2.mlab.jdedwards.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	Û	2	8		Application Deployment(5), Oracle	2	6	2	-

- 1. On Targets > Systems, with the **JDE EnterpriseOne Domain** selected, click the **Remove** button.
- **2.** EMCC displays a Warning and lists the Domain target and associated EnterpriseOne targets that will be deleted.

ORACLE Enterprise Manager

🎲 Grid 🗸 🎯 Iargets 🗸 🌟 Favorites 🗸 🤗 Hist <u>o</u> ry 🗸	
dev_env_globalwin2.mlab.jdedwards.com ④	
Warning JDE EnterpriseOne Domain target and all associated EnterpriseOne targets are about to be deleted.	
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 👱
🜍 Grid 👻 🎯 Targets 👻 🛧 Favorites 👻 🥝 Histo	ry 🗸 🦷 Search Target Nam	ne 🔻	+
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, EMCC displays the below progress screen indicating the deletion of the JD Edwards EnterpriseOne targets.

ORACLE Enterprise Manager Cloud Control 12c



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

argate					Search larger valu	3 *	
aigets					Page R/	efreshed Aug 23, 2011	2:20:00 PM MDT
ine Search	View - Search Target Name		ŀ			Save Search	Saved Searches
arget Type	Target Name	A.	Target Type	Target Status	Pending Activation		
♥ Groups, Systems and Services	/EMGC_GCDomain/GCDomain		Oracle WebLogic Domain	n/a			
Generic Service (2)	/EMGC_GCDomain/GCDomain/EMG	C_ADMINSERVER	Oracle WebLogic Server	· · · ·			
∀ Middleware	/EMGC_GCDomain/GCDomain/EMG	iC_ADMINSERVER/mds-owsm	Metadata Repository	n/a			
Application Deployment (3)	/EMGC_GCDomain/GCDomain/EMG	iC_ADMINSERVER/mds-sysman_mds	Metadata Repository	n/a			
Metadata Repository (2)	/EMGC_GCDomain/GCDomain/EMG	C_OMS1	Oracle WebLogic Server	¥.			
Oracle WebLogic Server (2)	/EMGC_GCDomain/GCDomain/EMG	iC_OMS1/emgc	Application Deployment	<u>ل</u>			
Oracle Authorization Policy Manager (1)	/EMGC_GCDomain/GCDomain/EMG	iC_OMS1/empbs	Application Deployment	ି ହ			
Oracle Fusion Middleware Farm (1)	/EMGC_GCDomain/GCDomain/EMG	iC_OMS1/OCMRepeater	Application Deployment	Û			
Oracle WebLogic Domain (1)	/EMGC_GCDomain/GCDomain/EMG	iC_OMS1/oracle.security.apm(11.1.1.3	.0) Oracle Authorization Policy Manager	<u></u>			
✓ Servers, Storage and Network	agent12g1_8_denlx01		Oracle Home	n/a			
Host (1)	denlx01		Host	€			
> Others	denlx01:3872		Agent	℃			
> Internal	denlx01:4889_Management_Serv	ce	Oracle Management Service	∂			
arget Status	denb:01:4889_Management_Serv	ce_CONSOLE	OMS Console	Û			
(15)	denlx01:4889_Management_Serv	ce_PBS	OMS Platform	Ŷ			
a (7)	EM Console Service		Generic Service				
arget version	EM Jobs Service		Generic Service				
21000(5)	EM Management Beacon		Beacon				
1 1 1 5 0 (2)	EMGC GCDomain		Oracle Fusion Middleware Farm	nía			
1 1 1 3 0 (1)	Management Services and Reposi	INFX	OMS and Repository				
atform	oms12a1 3 denix01		Oracle Home	n/a			
actorni 96 (20)	WebLogicServer10_3_5_0_0_den	x01	Oracle Home	n/a			
perating System rux (20)			L ₃				

8.18 Starting and Stopping Components of Enterprise Manager Environments

This section discusses:

- Section 8.18.1, "Starting Enterprise Manager Environment Components"
- Section 8.18.2, "Stopping Enterprise Manager Environment Components"

8.18.1 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

8.18.2 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

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.

This chapter contains the following topics:

- Section 9.1, "Undeploy the JD Edwards AppPack from the Management Agent"
- Section 9.2, "Undeploy the JD Edwards AppPack from Management Servers"

9.1 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: Section 9.2, "Undeploy the JD Edwards AppPack from Management Servers".



1. In Oracle EMCC, navigate Setup > Extensibility > Plugins

	Manager					Setup 🕶 Help 🕶 🎎 SYSMAN Log Out 으	
💝 Grid 👻 🌀 Iargets 👻 🐈 Eavo	orites 👻 🥝 History 👻				Se	earch Target Name 👻 💌	
Plug-ins						Page Refreshed Aug 9, 2011 3:15:07 PM MDT 💍	
This page displays the list of plug-ins	available, downloaded and deployed	d 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	with Plug-in	Description		
Oracle Eusion Application	121000	12.1.0.0.0		0	FA Plugin consists of monitoring	and management for Oracle Eucion and diagnostics in fusion at	
Oracle Siebel	12.1.0.0.0	12.1.0.0.0		0	Oracle Siehel Plugin consists of m	and management for Oracle Siebel area.	
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 Fus Middleware	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 and Netwo	rk				-		
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	
Cracle CSA	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Client System Analyzer		
Cracle Chargeback And Tren	ding 12.1.0.0.0	12.1.0.0.0 🚳		0	Oracle Enterprise Manager Char	geback, Consolidation and Trending Plugin	
Cracle MOS (My Oracle Supp	ort) 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	
Deploy On	21.0.0.0	12.1.0.0.0	12.1.0.0.0	1	Oracle Jdedwards EntrpriseOne	Plugin consists of monitoring and management for Oracle Jdeo	
oracle.apps.j 💽 Undeploy From	Management Servers						
General MInformation	Management Agent	1					
Action Collapse		J	StaUser	Start Time		End Time	
Deployment or Expand All Belo			Su: SYSMAN	August 9, 20	11 3:03:47 PM GMT-06:00	August 9, 2011 3:04:58 PM GMT-06:00	
Deployment or Collapse All Bel	k01:4889_Management_Serv	vice	Su(SYSMAN	August 9, 203	11 2:49:08 PM GMT-06:00	August 9, 2011 2:56:59 PM GMT-06:00	
Undeployment	nlx01:4889_Management_S	ervice	Suc SYSMAN	August 9, 20	11 2:34:09 PM GMT-06:00	August 9, 2011 2:38:57 PM GMT-06:00	
Undeployment Show as Top			Su(SYSMAN	August 9, 20	11 2:24:39 PM GMT-06:00	August 9, 2011 2:25:18 PM GMT-06:00	
Deployment on Agent : denix01:3872 SucSYSMAN July 1, 2011 3:19:41 PM GMT-06:00 July 1, 2011 3:20:41 PM GMT-06:00							
Deployment on Management Serve	<pre># : dentx01:4889_Management_Serv</pre>	vice	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...

Undeploy Plug-in on Management Age	nt				×
General					
Name Oracle Jdedwards I	EnterpriseOne				
Management Agent with this plug-in	1				
<mark>- Add</mark> 💥 Remove					
Management Agent		Operating System	Deployed Version	Status	
denlx01:3872			12.1.0.0.0	\$	
4					
				Continue Can	cel

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

view		
Undeployment of plug-in on management agent	will restart the agent.	
Name Oracle Jdedwards EnterpriseOn	e	
1anagement Agent with this plug-in		
Management Agent	Deployed Plug-in Version State	JS
denlx01:3872	12.1.0.0.0 🎕	
	45	
	Back Undeploy	Can
	Back Undeploy	Can

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.

Undeploy Plug-in on Management Agent	\times
Confirmation	
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	
Sha	Status OK

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 + H	elp 👻 🔛 SYSMAN 🛛 Log Out 🖕
🜍 Grid 🔻 🎯 Iargets 👻 🐈 (Eavorites 🗸	🕑 Histor	/ -				Search Target Name 👻	÷
Plug-ins							Page Refreshed	Aug 9, 2011 2:26:23 PM MDT 🖒
Plug-ins > Deployment Activities								
Deployment Activities								
Name	Status	Version	Content Type	Destination	(ob Name	Start Time	End Time
oracle.apps.jded	v	12.1.0.0.0	Plugin	denlx01:3872			August 9, 2011 2:24:39 P	M 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 P	M GM August 9, 2011 2:25:18 PM GM
Deployment Steps : oracle	.apps.jde	d						
Step		Status	Start Time	End Time	Job Step Name	Trace File	Log File	
Initializing			August 9, 2011 2:24:39 PM	GM August 9, 2011 2:24:	39 PM GM1	emoms.trc	emoms.log	
Deleting target		×	August 9, 2011 2:24:39 PM	GM' August 9, 2011 2:24:	39 PM GM'	emoms.trc	emoms.log	
Updating inventory		~	August 9, 2011 2:24:39 PM	GM [*] August 9, 2011 2:25:	18 PM GM'	emoms.trc	emorns.log	
Starting Agent		 Image: A second s	August 9, 2011 2:24:39 PM	GM August 9, 2011 2:25:	18 PM GM'	emoms.trc	emoms.log	
Deconfiguring plugin from Agen	t.		August 9, 2011 2:25:18 PM	GM August 9, 2011 2:25:	18 PM GM'	emoms.trc	emoms.log	

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

Deconfiguring Plugin from Agent
9.2 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: Section 9.1, "Undeploy the JD Edwards AppPack from the Management Agent".

(Setup - Help - SYSMAN Log	Out
	My Preferences	•
	Add Target	۲
	Agents	
	Post Upgrade Tasks	
Self Update	Extensibility	•
Plug-ins	Proxy Settings	
Managerwint Connectors	Security	۲
Data Exchange	Incidents	۲
	Notifications	•
	Provisioning and Patching	۲
	My Oracle Support	۲
	Middleware Diagnostics	
	Management Services and Repository	
	Management Packs	•

1. In Oracle EMCC, navigate Setup > Extensibility > Plugins

ORACLE	Enterprise Ma	nager					Setup 👻 Help 👻 🔛 SYSMAN 🛛 Log Out	
🗊 Grid 👻 🎯 Ig	rgets 👻 🚖 Eavorites	▼ 🥝 History 🕶				Se	earch Target Name 👻	
Plug-ins							Page Refreshed Aug 9, 2011 2:28:51 PM MDT 💍	
This page display:	s the list of plug-ins avail	able, downloaded and deployed	in the Enterprise Manager env	rironment. Plug-in lifecycle actions	such as deploy/undeplo	y of Plug-ins on Management Ser	rver and Management Agents can be initiated from here.	
Actions - View	w 👻 🚳 Deploy On	👻 📴 Undeploy From 💌						
1			Versions					
Name		Latest Available	Downloaded	On Management Server	with Plug-in	Description		
Dracle	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	
🗐 Oracle	Siebel	12.1.0.0.0	12.1.0.0.0 🙉		0	Oracle Siebel Plugin consists of r	nonitoring and management for Oracle Siebel area.	
🗐 Oracle Da	tabase	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	0 Oracle Database plugin provides comprehensive management for Oracle Database and relate		
Oracle Fu:	sion Middleware	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	1	1 Oracle FMW Plugin consists of monitoring and management for Oracle Fusion Middleware and		
Servers, S	itorage and Network							
Oracle Bea	acon	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	
Cracle CS	A	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	0 Client System Analyzer		
🗐 Oracle Ch	argeback And Trending	12.1.0.0.0	12.1.0.0.0 🖳		0	Oracle Enterprise Manager Char	geback, Consolidation and Trending Plugin	
Oracle MC	S (My Oracle Support)	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle MOS plugin provides supp	port for My Oracle Support features such as Knowledge, Servic	
D oracle.ap		1.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Jdedwards EntrpriseOne	Plugin consists of monitoring and management for Oracle Jded 🐱	
oracle apps id	La Deploy On	-					<u> </u>	
oraciciappsij	Solution Contract Con	Management Servers	-					
General	M Information	Management Agent						
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	Changes Ten	U1:9889_management_Serv	ice	SUCSYSMAN	July 1, 2011 3	3:06:03 HM @M1-06:00	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 from Server		6	×
General				
	Name	Oracle Jdedwards EnterpriseOne		
	Version	12.1.0.0.0		
* Repo	ository SYS Password	•••••		
Target Types	5			
Name	Supp	oorted Target Versions		
No Target Type	Information Available			
		N	Continue Cancel	
		4		-

- **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		×
Review		
Undeployment of plug-in on Management Server will require of disconnected from the Enterprise Manager. During downtime Manager and Enterprise Manager will not monitor any targets	downtime. All currently connected users will (period, users will not be able to connect to Er	get hterprise
Oracle recommends that you take a backup of repository or ensure appropria * 🗹 Have you backed up the repository?	ate recovery plan is in place prior to undeploying the	plug-in
Name Oracle Jdedwards EnterpriseOne		
Version 12.1.0.0.0		
Management Servers		
Name	Currently Deployed Plug-in Version	Status
denlx01:4889_Management_Service	None	∂
	BackUndep	oy Cancel

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		\times
Confirmation		
The undeployment of plug-in "oracle.apps.jded" version 12.1.0.0.0 is in progress.		
You can monitor the progress using following command		
emcli get_plugin_deployment_status -plugin_id=oracle.apps.jded		
		OK
	N	

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

	nterprise Ma	nager					Setup 👻 Help 👻 🔛 SYSMAN 🛛 Log Out	
🌍 Grid 👻 👩 Iargets	👻 🏫 Eavorites	🕶 🕝 History 🕶					earch 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					
Name		Latest Available	Downloaded	On Management Server	with Plug-in	Description		
Dracle Fusio	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	
Image: Siebe Oren and Siebe	4	12.1.0.0.0	12.1.0.0.0 🙉		0	Oracle Siebel Plugin consists of r	monitoring and management for Oracle Siebel area.	
🗐 Oracle Databas	e	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	0 Oracle Database plugin provides comprehensive management for Oracle Database and		
Oracle Fusion Middleware 12.1.0.0.0 12.1.0.0.		12.1.0.0.0	12.1.0.0.0	1	1 Oracle FMW Plugin consists of monitoring and management for Oracle Fusion Middleware			
Servers, Storag	e and Network							
Cracle Beacon		12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	0 Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring		
Cracle CSA		12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	0 Client System Analyzer		
🗐 Oracle Chargeb	ack 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 sup	port for My Oracle Support features such as Knowledge, Servic	
O) oracle.apps.jde	d	12.1.0.0.0	12.1.0.0.0	12.1.0.0.0	0	Oracle Jdedwards EntrpriseOne	Plugin consists of monitoring and management for Oracle Jded 🗸	
oracle.apps.jded							ـــــــــــــــــــــــــــــــــــــ	
General Rec	ent Deployment	Activities						
Action				StaUser	Start Time		End Time	
Undeployment on Mar	nagement Server :	denlx01:4889 Management S	ervice	Un SYSMAN	August 9, 20	11 2:34:09 PM GMT-06:00		
Undeployment on Age	ant : denlx01:3872	4		SucSYSMAN	August 9, 20	st 9, 2011 2:24:39 PM GMT-06:00 August 9, 2011 2:25:18 PM GMT-06:00		
Deployment on Agent	: denlx01:3872	1.01.1000.11	1	Su(SYSMAN	July 1, 2011	1, 2011 3:19:41 PM GMT-06:00 July 1, 2011 3:20:41 PM GMT-06:00		
Deployment on Mana	gement berver : de	nixU1:4889_Management_Ser	vice	SU(STSMAN	July 1, 2011	3:06:09 PM GM1-06:00	JUIY 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.



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.

Deinstall the Oracle Database and EMCC

If you only want to remove the JD Edwards EnterpriseOne Domain, refer to the chapter of this guide entitled: Section 8.17, "Removing the JD Edwards EnterpriseOne Domain".

To undeploy the JD Edwards EnterpriseOne Application Pack components, refer to the chapter of this guide entitled: Chapter 9, "Undeploy JDE AppPack Components".

This chapter discusses these topics:

- Section 10.1, "Stop the Agent, OMS, and Database Using Line Commands"
- Section 10.2, "Deinstall the Oracle Database and EMCC Using OUI"

10.1 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 lsnrctl stop command. This command is run from the /oracle/home/bin directory. For example, your /oracle/home/bin 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 EMCC 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.

10.2 Deinstall the Oracle Database and EMCC Using OUI

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

- Chapter 2, "Install the Database for Enterprise Manager"
- Chapter 3, "Install Enterprise Manager Cloud Control (EMCC)"

To deinstall the Oracle database and EMCC 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

😿 Oracle Universal Installer: Welcome	N	
	43	DATABASE
Welcome		
The Oracle Universal Installer guides yo your Oracle products.	ou through the in:	stallation and configuration of
Click "Installed Products" to see all in:	stalled products.	
		Deinstall Products
		About Oracle Universal Installer)
Help Installed Products	Back Next	(nstall Cancel

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

🗙 Inventory 💦 🔀
Contents
You have the following Oracle products installed:
⊖-Oracle Homes
⊕ □ OraDb11g_home1
⊕ ፼ jdk1
DEForme11a1
Product Information Location: /u01/app/emgc12/agent/core/12.1.0.0.0///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.

🗙 Confirmation
لمع 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# 1111111 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.

KInventory
Contents
You have the following Oracle products installed:
- Oracle Homes
⊕ 🗹 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 [oracle@denlx01 deinstall]\$ cd /u01/app/oracle/home/deinstall [oracle@denlx01 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 reponse 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 responsibles applicable to your installation.

[oracle@denlx01 deinstall]\$ cd /u01/app/oracle/home/deinstall [oracle@denlx01 deinstall]\$./deinstall Checking for required files and bootstrapping ... Please wait ... Location of logs /tmp/deinstall2011-08-09_06-54-51-PM/logs/

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

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 $% \left(\mathcal{A}^{(n)}_{n}\right) =0$

Oracle Universal Installer clean END

Oracle install clean START

Clean install operation removing temporary directory '/tmp/install' on node

'denlx01'

Oracle install clean END

Run 'rm -rf /etc/oraInst.loc' as root on node(s) 'denlx01' at the end of the session.