

Oracle® Fusion Middleware

Installation Guide for Oracle Portal, Forms, Reports and
Discoverer

11g Release 1 (11.1.1.6.0)

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Oracle Fusion Middleware Installation Guide for Oracle Portal, Forms, Reports and Discoverer, 11g Release 1 (11.1.1.6.0)

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Preface

The *Oracle Fusion Middleware Installation Guide for Oracle Portal, Forms, Reports and Discoverer* covers requirements, instructions, and troubleshooting tips for installing and configuring Oracle Portal, Forms, Reports and Discoverer.

Intended Audience

This guide is intended for users who are installing Oracle Fusion Middleware for the first time and are comfortable running some system administration operations, such as creating users and groups, adding users to groups, and installing operating system patches on the computer where your products will be installed. Users in UNIX systems who are installing need `root` access to run some scripts.

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

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Related Documents

For additional information, see the following manuals:

- *Oracle Fusion Middleware Installation Planning Guide*. This book contains useful information you should read before installing any Oracle Fusion Middleware product.
- *Oracle Fusion Middleware Concepts*. This book introduces the common terms and concepts in an Oracle Fusion Middleware environment.
- *Oracle Fusion Middleware Administrator's Guide*. This book contains information for managing your Oracle Fusion Middleware environment after installation and configuration is complete.
- *Oracle Fusion Middleware Installation Guide for Oracle Identity Management*. This book contains information about installing and configuring Oracle Identity and Access

Management, which can be used with this release of Oracle Forms and Reports to create a more secure environment.

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.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Installation Overview

The Oracle Portal, Forms, Reports, and Discoverer installer will install all of these products by default. After installation, you will have the option to configure the products you want to use.

The chapter includes the following sections:

- Section 1.1, "Oracle Portal, Forms, Reports and Discoverer Components"
- Section 1.2, "Understanding the Oracle Portal, Forms, Reports and Discoverer Installation Types"
- Section 1.3, "Securing Oracle Portal, Forms, Reports and Discoverer with Oracle Identity Management"
- Section 1.4, "Installation and Configuration Roadmap for Oracle Portal, Forms, Reports and Discoverer"
- Section 1.5, "Topology Summary for Oracle Portal, Forms, Reports and Discoverer"

1.1 Oracle Portal, Forms, Reports and Discoverer Components

Oracle Portal, Forms, Reports and Discoverer contains the following components:

- Oracle Portal
- Oracle Forms
- Oracle Reports
- Oracle Discoverer

1.1.1 Oracle Portal

Oracle Portal allows you to view content from multiple sources on a single page.

It is recommended that you install Oracle Portal from this installer only if you are an existing Oracle Portal 10g customer. If this is the first time you are installing any Oracle Portal product, it is recommended that you install Oracle WebCenter Portal.

Instructions are located in *Oracle Fusion Middleware Installation Guide for Oracle WebCenter*.

1.1.2 Oracle Forms

Oracle Forms is a component of Oracle Fusion Middleware used to develop and deploy Forms applications. The Forms applications provide a user interface to access Oracle Database in an efficient and tightly-coupled way. The applications can be

integrated with Java and web services to take advantage of service oriented architectures (SOA).

Oracle Forms consists of the following:

- Oracle Forms Builder, used to develop and compile Forms applications.
- Oracle Forms Server, a server component used to deploy the applications.

During the installation, you will have the option to install only Oracle Forms Server or both Oracle Forms Server and Oracle Forms Builder (Oracle Forms Builder cannot be installed without Oracle Forms Server).

Oracle recommends installing Oracle Forms and Reports 11g Release 2 (11.1.2), which offers more advanced Identity Management (Oracle Internet Directory with Oracle Access Manager) and configuration options. For more information, refer to the Oracle Forms and Reports Download, Installation, and Configuration ReadMe for 11g Release 2 (11.1.2).

1.1.3 Oracle Reports

Oracle Reports enables businesses to give immediate access to information to all levels within and outside of the organization in a scalable and secure environment. Using Oracle Reports, you can rapidly develop and deploy sophisticated Web and paper reports against any data source (including an Oracle database, JDBC, XML, and text files). Leveraging J2EE technologies such as JSP and XML, you can publish your reports in a variety of formats (including HTML, XML, PDF, spreadsheet, delimited text, PostScript, and RTF) to any destination (including e-mail, Web browser, Oracle Portal, and file system) in a scalable, efficient manner.

Oracle Reports consists of the following:

- Oracle Reports Builder, used to develop and compile your applications.
- Oracle Reports Server, a server component used to deploy the applications.

During the installation, you will have the option to install only Oracle Reports Server or both Oracle Reports Server and Oracle Reports Builder (Oracle Reports Builder cannot be installed without Oracle Reports Server).

Oracle recommends installing Oracle Forms and Reports 11g Release 2 (11.1.2), which offers more advanced Identity Management (Oracle Internet Directory with Oracle Access Manager) and configuration options. For more information, refer to the Oracle Forms and Reports Download, Installation, and Configuration ReadMe for 11g Release 2 (11.1.2).

1.1.4 Oracle Discoverer

Oracle Discoverer is an intuitive ad-hoc query, reporting, analysis, and Web publishing set of tools that gives business users immediate access to information in databases.

If you are only installing only Oracle Discoverer, Oracle recommends that you install Oracle Discoverer and then configure Oracle Access Manager 11g afterwards. For more information, refer to the *Oracle Business Intelligence Discoverer Configuration Guide*.

1.2 Understanding the Oracle Portal, Forms, Reports and Discoverer Installation Types

Before you begin, you must decide which installation type you want to use to install and configure Oracle Portal, Forms, Reports and Discoverer.

Note: To install the latest Oracle Portal, Forms, Reports and Discoverer software, you must choose the **Install Software - Do Not Configure** installation type, as described in Section 1.4, "Installation and Configuration Roadmap for Oracle Portal, Forms, Reports and Discoverer". The installer for the latest release is designed only to patch an existing Oracle Portal, Forms, Reports and Discoverer installation.

The installer provides the following installation options:

- **Install and Configure**

This option installs the product binaries in an Oracle home directory and creates and configures a working instance in an Oracle instance directory. The common product binaries are also copied to the `oracle_common` directory.

If you choose to install and configure Oracle Enterprise Manager during the installation and configuration process, you should be able to begin managing your products using the Administration Console or Enterprise Manager after the installation and configuration are completed.

- **Install Software - Do Not Configure**

This option only installs the software binaries in an Oracle home directory and the common product binaries in the `oracle_common` directory. You must then manually run the Configuration Tool from the `bin` directory inside your Oracle home to configure your components before you can use them. This option is commonly used to quickly create multiple instances of the software that share a common disk, or to install the software and immediately apply a patch set to the installation before the software is configured.

Note: If you choose this installation type on a Windows operating system, there are manual configuration steps required for Oracle Discoverer. For more information, see Section 2.8.1, "Manual Configuration for Oracle Discoverer (Windows Only)".

For more information about the screens you may see and information you may be asked to provide for each installation type, see Appendix A, "Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens".

1.3 Securing Oracle Portal, Forms, Reports and Discoverer with Oracle Identity Management

Your Oracle Portal, Forms, Reports and Discoverer installation can be secured with Identity Management by using Oracle Internet Directory with an existing Oracle Single Sign-On 10g environment.

New installations of Oracle Portal 11g require Oracle Single Sign-On 10g during the installation process. Your existing Oracle Single Sign-On 10g installation can be used for this purpose.

Oracle Forms, Reports and Discoverer can also be secured with your existing Oracle Internet Directory with Oracle Single Sign-On 10g during the installation process; you will be given the option to do so on the Specify Application OID screen.

Important information about Oracle Single Sign-On 10g is provided in the "Evaluating Single Sign-On Installations" section in *Oracle Fusion Middleware Installation Guide for Oracle Identity Management*. It is highly recommended that you read this before you continue with your Oracle Portal, Forms, Reports and Discoverer installation.

1.4 Installation and Configuration Roadmap for Oracle Portal, Forms, Reports and Discoverer

Figure 1–1 shows the flow of a typical Oracle Portal, Forms, Reports and Discoverer installation and configuration.

Figure 1–1 Installation and Configuration Roadmap

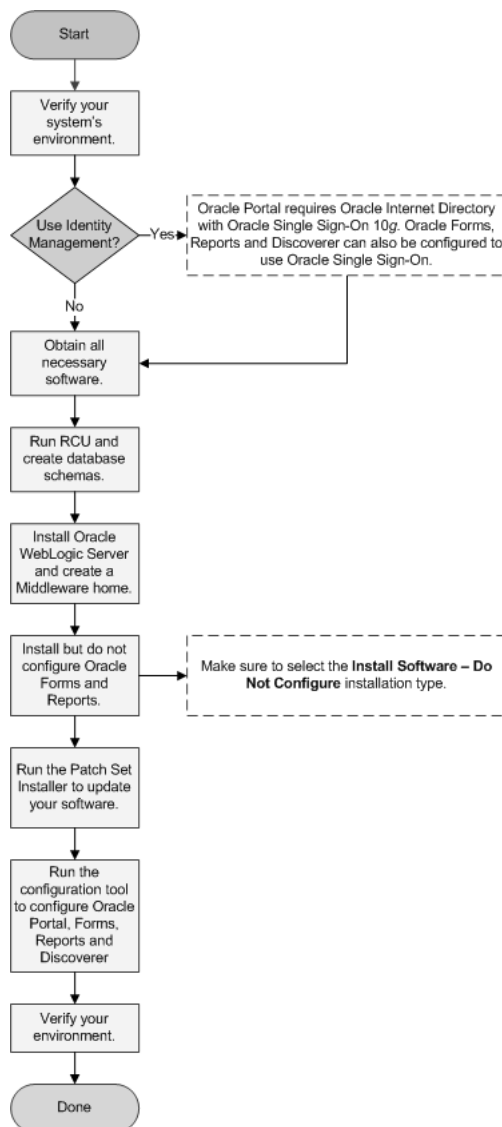


Table 1–1 provides additional information and links to specific documentation for each task in the flowchart.

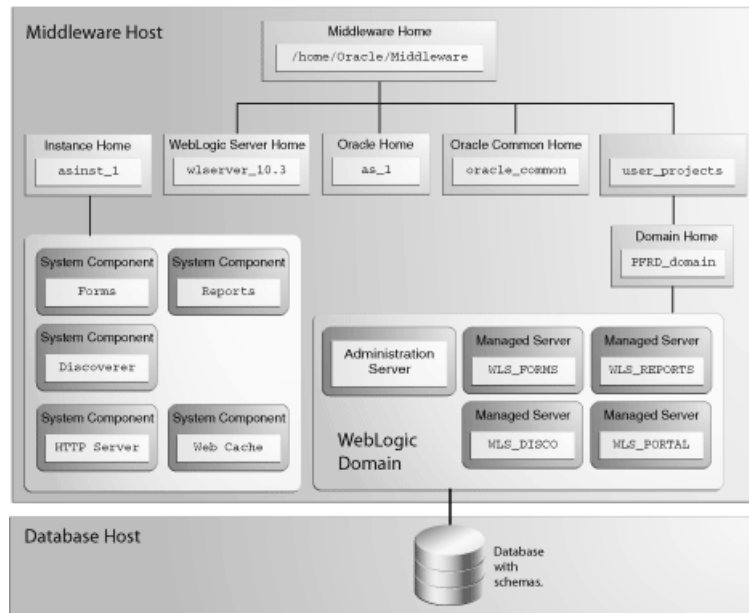
Table 1–1 Tasks in the Oracle Portal, Forms, Reports, and Discoverer Installation Process

Task	Description	Optional	Documentation
Verify your system and network environment for installation.	Ensure that your system environment meets the general installation requirements for Oracle Fusion Middleware as well as Oracle Portal, Forms, Reports and Discoverer and RCU.	No	Section 2.1, "Preparing to Install".
Use Identity Management?	Decide if you want to protect your Oracle Portal, Forms, Reports and Discoverer installation with Identity Management. Oracle Portal requires an existing Oracle Internet Directory with Single Sign-On.	No for Oracle Portal. Yes for Oracle Forms, Reports and Discoverer.	Section 2.2, "Securing Your Installation with Identity Management".
Obtain all necessary software.	Obtain the software you need to complete your installation.	No.	Section 2.3, "Obtaining the Software".
Run RCU to create the database schemas.	Use the installer to install your products. Choose the Install Software - Do Not Configure option on the Select Installation Type.	No.	Section 2.4, "Installing and Configuring a Database and Database Schemas".
Install Oracle WebLogic Server.	This creates the Middleware home directory.	No.	Section 2.5, "Installing Oracle WebLogic Server".
Install but do not configure Oracle Portal, Forms, Reports and Discoverer.	Run the installer and be sure to choose the Install Software - Do Not Configure option on the Select Installation Type screen.	No.	Section 2.6, "Installing Oracle Portal, Forms, Reports and Discoverer"
Run the Patch Set Installer to update your software.	Run the Patch Set Installer to update your software to the latest version.	No.	Section 2.7, "Patching Oracle Portal, Forms, Reports and Discoverer".
Configure Oracle Portal, Forms, Reports, and Discoverer	Run the Configuration Tool to configure your Oracle Portal, Forms, Reports and Discoverer components.	No.	Section 2.8, "Configuring Oracle Portal, Forms, Reports and Discoverer".
Verify your environment.	Verify that your installation and configuration was successful.	No.	Section 2.9, "Verifying the Installation"

1.5 Topology Summary for Oracle Portal, Forms, Reports and Discoverer

Figure 1–2 shows the directory structure of a simple Oracle Portal, Forms Reports and Discoverer installation on a single host, using all of the default values.

Figure 1–2 Directory Structure of Oracle Portal, Forms, Reports and Discoverer Installation



Note: The configuration tool for Oracle Portal, Forms, Reports and Discoverer creates your WebLogic domain in the `user_projects` directory inside the Middleware home; it is not possible to create your domain outside this directory.

Installing Oracle Portal, Forms, Reports and Discoverer

This chapter describes how to install and configure Oracle Portal, Forms, Reports and Discoverer.

The following topics are covered:

- Section 2.1, "Preparing to Install"
- Section 2.2, "Securing Your Installation with Identity Management"
- Section 2.3, "Obtaining the Software"
- Section 2.4, "Installing and Configuring a Database and Database Schemas"
- Section 2.5, "Installing Oracle WebLogic Server"
- Section 2.6, "Installing Oracle Portal, Forms, Reports and Discoverer"
- Section 2.7, "Patching Oracle Portal, Forms, Reports and Discoverer"
- Section 2.8, "Configuring Oracle Portal, Forms, Reports and Discoverer"
- Section 2.9, "Verifying the Installation"

2.1 Preparing to Install

Make sure you have read and, if necessary, performed the tasks in this section before you install Oracle Portal, Forms, Reports and Discoverer:

- Section 2.1.1, "Verifying Your System and Network Environment"
- Section 2.2, "Securing Your Installation with Identity Management"
- Section 2.1.2, "Running the rootpre.sh Script on IBM AIX Operating Systems"
- Section 2.1.3, "Upgrading Oracle Web Agent (OWA) for Oracle Portal"
- Section 2.1.4, "Installing Oracle Forms and Oracle Reports on Separate Servers"
- Section 2.1.5, "Installing in a New Middleware Home"

2.1.1 Verifying Your System and Network Environment

To verify that your system environment meets the minimum requirements for installation, refer to the following documents, available on Oracle Technology Network (OTN):

- Oracle Fusion Middleware System Requirements and Specifications

This document contains information related to hardware and software requirements, minimum disk space and memory requirements, database schema requirements, and required system libraries, packages, or patches.

If you are installing on a DHCP server, non-networked computer, or multihomed computer, there are additional configuration steps that are required. These steps are also available in the system requirements document in the "Oracle Fusion Middleware System Configuration Requirements" section.

If you are installing on a Windows operating system and want to install and configure Java Access Bridge for Section 508 Accessibility, read the "Installing and Configuring Java Access Bridge" section in this document.

- Oracle Fusion Middleware Supported System Configurations

This page contains various certification documents for current and previous product releases. The *System Requirements and Supported Platforms for Oracle Fusion Middleware 11gR1* document contains certification information related to supported 32-bit and 64-bit operating systems, databases, web servers, LDAP servers, adapters, IPv6, JDKs, and third-party products.

- *Oracle Fusion Middleware Interoperability and Compatibility Guide*

This document covers the compatibility and interoperability issues that may arise when installing or upgrading Oracle Fusion Middleware 11g products.

2.1.2 Running the `rootpre.sh` Script on IBM AIX Operating Systems

If you are installing on an IBM AIX operating system, you must run the `rootpre.sh` script as the `root` user from the `Disk1` directory before you start the installer. The `rootpre.sh` script should be run only once on a system, to load the right kernel extensions required for Oracle Database or Oracle Fusion Middleware.

Once the installer is started on IBM AIX, the following message appears:

```
Answer 'y' if root has run 'rootpre.sh' so you can proceed with Oracle
installation.
Answer 'n' to abort installation and then ask root to run 'rootpre.sh'.

Has 'rootpre.sh' been run by root? [y/n] (n)
```

```
Answer 'y', if root has run 'rootpre.sh' so that you can proceed with Oracle
installation.
Answer 'n', to abort installation and then ask root to run 'rootpre.sh'.
```

To skip this message on systems where `rootpre.sh` has run before, set the `SKIP_ROOTPRE` environment variable to `TRUE`.

2.1.3 Upgrading Oracle Web Agent (OWA) for Oracle Portal

Oracle Fusion Middleware 11g Release 1 (11.1.1) includes a new version of the Oracle Web Agent (OWA) packages. Existing packages will be updated to the new version the first time either an Oracle Portal 11g repository is installed or when an existing Oracle Portal repository is upgraded to 11g. When the OWA update takes place, packages from existing Oracle Portal schemas that reside in the same database will become invalid. The OWA update ends with an attempt to revalidate all invalid packages in all Oracle Portal schemas in the existing database instance.

For more information about upgrading OWA, refer to "Updating the Oracle Web Agent (OWA) Packages During an Oracle Portal Upgrade" in *Oracle Fusion Middleware Upgrade Guide for Oracle Portal, Forms, Reports, and Discoverer*.

2.1.4 Installing Oracle Forms and Oracle Reports on Separate Servers

If you choose to install Oracle Forms and Oracle Reports on different servers, you must perform some manual configuration in order for these two products to be able to communicate properly with each other.

The instructions for doing so are available in "Communication Between Reports and Forms When Installed on Different Instances" in *Oracle Fusion Middleware Publishing Reports to the Web with Oracle Reports Services*.

2.1.5 Installing in a New Middleware Home

Oracle Portal, Forms, Reports and Discoverer must be installed inside a Middleware home directory, which is created when Oracle WebLogic Server is installed.

Oracle recommends that Oracle Portal, Forms, Reports and Discoverer be installed in its own Middleware home directory that it does not share with any other Oracle Fusion Middleware products. This recommendation is because Oracle recommends the contents of Middleware home consist of products that are compatible as described in "Domain Extension Interoperability" in *Oracle Fusion Middleware Interoperability and Compatibility Guide*.

If necessary, Oracle Portal, Forms, Reports and Discoverer can be installed in the same Middleware home as another Oracle Fusion Middleware product provided that it does not share a domain with any other product, and also provided that all products in the Middleware home are the same version.

For more information, see the *Oracle Fusion Middleware Interoperability and Compatibility Guide*.

2.2 Securing Your Installation with Identity Management

Oracle Portal requires an existing Oracle Internet Directory (OID) with Oracle Single Sign-On (SSO) 10g. If you are also installing Oracle Forms, Reports or Discoverer, you will have the option to configure these products with your existing Oracle Single Sign-On, but it is not mandatory.

Important information about Oracle Single Sign-On 10g is provided in the "Evaluating Single Sign-On Installations" section in *Oracle Fusion Middleware Installation Guide for Oracle Identity Management*. It is highly recommended that you read this before you continue with your Oracle Portal, Forms, Reports and Discoverer installation.

After your Oracle Portal instance is configured, it is automatically integrated with your Oracle Internet Directory and Oracle Single Sign-On. Oracle Forms and Oracle Reports are not automatically configured. For more information, see:

- "Using Forms Services with Oracle Single Sign-On" in *Oracle Fusion Middleware Forms Services Deployment Guide*.
- "Configuring and Administering OracleAS Single Sign-On" in *Oracle Fusion Middleware Publishing Reports to the Web with Oracle Reports Services*.

2.3 Obtaining the Software

Depending on your specific needs, there are multiple places where you can obtain Oracle Fusion Middleware software. For details, refer to the Oracle Fusion Middleware Download, Installation, and Configuration ReadMe Files page, where you can find the ReadMe file for your specific release.

To install Oracle Portal, Forms, Reports and Discoverer, you will need to obtain the following:

- If you want to protect your Oracle Portal, Forms, Reports and Discoverer installation with Oracle Identity Management, obtain Oracle Identity Management.
Note that Oracle Portal requires an existing Oracle Internet Directory with Single Sign-On on your system.
- The latest version of Repository Creation Utility for creating the database schemas. You must also have a database that is supported for use with RCU.
- The latest version of Oracle WebLogic Server for creating the Middleware home.
- Oracle Portal, Forms, Reports and Discoverer 11g Release 1 (11.1.1.2.0).
- Patch Set Installer for Oracle Portal, Forms, Reports and Discoverer 11g Release 1 (11.1.1.6.0).

Select one of the download locations and download the required software. Each download will be saved to your system as a .zip archive file.

After you download the archive file, unpack the archive file into a directory of your choice on the machine where you will be performing the installation.

2.4 Installing and Configuring a Database and Database Schemas

Oracle Portal and Oracle Discoverer require database schemas on an Oracle database. These schemas can be created by using the Repository Creation Utility (RCU).

- The *System Requirements and Supported Platforms for Oracle Fusion Middleware 11gR1* document lists the databases that are certified for use with RCU and Oracle Fusion Middleware. This document is located on the Oracle Fusion Middleware Supported System Configurations page.
- To ensure that your Oracle database is configured properly, see "RCU Requirements for Oracle Databases" in the Oracle Fusion Middleware System Requirements and Specifications document.

After your database is installed and configured, run RCU to create the schemas for Oracle Portal and Oracle Discoverer. For instructions, see "Creating Schemas" in *Oracle Fusion Middleware Repository Creation Utility User's Guide*.

2.5 Installing Oracle WebLogic Server

Oracle Portal, Forms, Reports and Discoverer requires Oracle WebLogic Server, which creates the Middleware home directory during installation. For more information, see "Oracle Fusion Middleware Directory Structure" in *Oracle Fusion Middleware Installation Planning Guide*.

This section contains the following topics:

- Section 2.5.1, "Planning Your Middleware Home Location for Oracle Reports (Windows Only)"
- Section 2.5.2, "Finding Oracle WebLogic Server Installation Instructions"
- Section 2.5.3, "Stopping Node Manager Before Installing Oracle Portal, Forms, Reports and Discoverer (Windows Only)"

2.5.1 Planning Your Middleware Home Location for Oracle Reports (Windows Only)

If you are going to install Oracle Reports on a Windows operating system, make sure the path to your Middleware home directory is not too long. For more information, see Section F.3, "Verifying Environment Variable Lengths for Oracle Reports (Windows Only)".

2.5.2 Finding Oracle WebLogic Server Installation Instructions

For Oracle WebLogic Server installation instructions, see "Running the Installation Program in Graphical Mode" in *Oracle WebLogic Server Installation Guide*. The WebLogic Server installation must be completed so that a Middleware home directory is created; you do not have to create a WebLogic Server domain as the Oracle Forms and Reports installer will allow you to do this for your Oracle Forms and Reports products.

If you are installing on a Windows operating system, be sure to read Section 2.5.3, "Stopping Node Manager Before Installing Oracle Portal, Forms, Reports and Discoverer (Windows Only)" after your Oracle WebLogic Server installation is complete.

Note: If you choose to install WebLogic Server using the Custom installation type on the "Choose Install Type" screen, you must make sure that the following components are installed in order for Oracle Discoverer to work properly:

- UDDI and Xquery Support
 - WebLogic JDBC Drivers
 - Third Party JDBC Drivers
-
-

2.5.3 Stopping Node Manager Before Installing Oracle Portal, Forms, Reports and Discoverer (Windows Only)

If you are installing Oracle Portal, Forms, Reports and Discoverer on a Microsoft Windows operating system, you must make sure that the Node Manager utility that was installed with Oracle WebLogic Server is stopped before you install your Oracle Portal, Forms, Reports and Discoverer software:

1. Verify the Oracle WebLogic Server Node Manager utility is stopped. If it is running, kill the process.
2. Determine if the `nodemanager.properties` file is present in the `WebLogic_Home\common\nodemanager` directory.
 - a. If the `nodemanager.properties` file is not present, continue installing Oracle Portal, Forms, Reports and Discoverer.
 - b. If the `nodemanager.properties` file does exist, open it and verify that the `ListenPort` parameter is included and that it is set. If the `ListenPort` parameter is not included or set, edit the `nodemanager.properties` file so that it is similar to the following, where `NODE_MANAGER_LISTEN_PORT` represents the port the Node Manager listens on, such as 5556:

```
ListenPort=NODE_MANAGER_LISTEN_PORT
```

2.6 Installing Oracle Portal, Forms, Reports and Discoverer

This section contains information and instructions for installing the latest Oracle Portal, Forms, Reports and Discoverer software. The following topics are covered:

- Section 2.6.1, "Starting the Installer"
- Section 2.6.2, "Configuring Your Oracle Inventory (UNIX Only)"
- Section 2.6.3, "Following the Installation Screens and Instructions"

2.6.1 Starting the Installer

To start the installer, go to the directory where you unpacked the archive file and switch to the `Disk1` directory.

2.6.1.1 Start the Installer

On UNIX operating systems:

```
cd unpacked_archive_directory/Disk1
./runInstaller
```

On Windows operating systems:

```
cd unpacked_archive_directory\Disk1
setup.exe
```

If you are installing on an HP-UX system with a PA-RISC processor, you must specify the location of a JRE on your system as follows:

```
./runInstaller -jreLoc JRE_LOCATION
```

Refer to the Oracle Fusion Middleware Certification document to see the JDKs supported for your system:

```
http://www.oracle.com/technology/software/products/ias/files/fusion\_certification.html
```

2.6.1.2 Installation Log Files

The installer writes logs files to the *Oracle_Inventory_Location*/log (on UNIX operating systems) or *Oracle_Inventory_Location*\logs (on Windows operating systems) directory. Refer to Section F.2.1, "Installation Log Files" for more information about the log files and their contents.

2.6.2 Configuring Your Oracle Inventory (UNIX Only)

If you are installing on a UNIX operating system, and if this is the first time any Oracle product is being installed on your system with the Oracle Universal Installer, you will be asked to provide the location of an inventory directory. This is where the installer will set up subdirectories and maintain inventory data for each Oracle product that is installed on this system.

Follow the instructions in Table 2-1 to configure the inventory directory information. For more help, select the screen name in the table below, or click the **Help** button in the GUI.

Table 2–1 Inventory Directory and Group Screens

Screen	Description and Action Required
Specify Inventory Directory	Specify the Oracle inventory directory and group permissions for that directory. The group must have write permissions to the Oracle inventory directory.
Inventory Location Confirmation	Run the <code>createCentralInventory.sh</code> script as root.

If you do not wish to use the Oracle central inventory, you can create a file called `oraInst.loc` and in this file, include the full path of the inventory directory of your choice in the `oraInst.loc` file. Then, you can start the installer and point to the `oraInst.loc` file. For example, on UNIX operating systems:

```
./runInstaller -invPtrLoc location_of_oraInst.loc_file
```

On Windows operating systems:

```
setup.exe -invPtrLoc location_of_oraInst.loc_file
```

2.6.3 Following the Installation Screens and Instructions

Follow the instructions in Table 2–2 to install Oracle Portal, Forms, Reports and Discoverer.

If you need additional help with any of the installation screens, refer to Appendix A, "Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens" or click **Help** to access the online help.

Table 2–2 Installation Flow for Install Only Option

Screen	Description
Welcome	This page introduces you to the Oracle Fusion Middleware installer.
Select Installation Type	Select Install Software - Do Not Configure .
Prerequisite Checks	Verify that your system meets all necessary prerequisites.
Specify Installation Location	Specify the following installation directories: <ul style="list-style-type: none"> ■ Middleware home ■ Oracle home
Specify Security Updates	Select the method in which you want to receive the latest product information and security updates.
Installation Summary (Install Only Option)	Verify the information on this screen, then click Install to begin the installation.
Installation Progress	This screen shows the progress of the installation. If you are installing on a UNIX operating system, you may be asked to run the <code>ORACLE_HOME/oracleRoot.sh</code> script to set up the proper file and directory permissions.
Installation Complete	Click Save to save your configuration information to a file. This information includes port numbers, installation directories, URLs, and component names which you may need to access at a later time. After saving your configuration information, click Finish to dismiss the installer.

2.7 Patching Oracle Portal, Forms, Reports and Discoverer

After the installation is complete, you must run the Patch Set Installer for Oracle Portal, Forms, Reports and Discoverer to update your software to the latest version.

For instructions, go to "Applying the Latest Oracle Fusion Middleware Patch Set" in *Oracle Fusion Middleware Patching Guide*.

2.8 Configuring Oracle Portal, Forms, Reports and Discoverer

After you have patched your software to the latest version (Section 2.7, "Patching Oracle Portal, Forms, Reports and Discoverer"), you are ready to configure your components.

Run the Configuration Tool to create your WebLogic Domain and configure your components.

On UNIX systems:

```
ORACLE_HOME/bin/config.sh
```

On Windows systems:

```
ORACLE_HOME\bin\config.bat
```

Note: Make sure the Oracle Portal, Forms, Reports and Discoverer installer is not running; running the installer and Configuration Tool concurrently is not supported.

Follow the instructions in Table 2–3 to configure Oracle Portal, Forms, Reports and Discoverer.

If you need additional help with any of the installation screens, refer to Appendix A, "Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens" or click **Help** to access the online help.

Table 2–3 Configuration Tool Flow

Screen	When This Screen Appears	Description and Action Required
Welcome	Always	This page introduces you to the Oracle Fusion Middleware configuration tool.
Prerequisite Checks	Always	Verify that your system meets all necessary prerequisites.
Select Domain	Always	<p>Select how you want to configure your domain for your components (create a new domain, extend an existing domain, or expand a cluster).</p> <p>NOTE - If you are creating a WebLogic domain, the domain will be created under the <code>user_projects</code> directory inside the Middleware home; it is not possible to create the domain outside this directory.</p> <p>NOTE - If you are extending a domain, only existing domains configured by the Oracle Portal, Forms, Reports, and Discoverer installer that have been patched to the latest version can be extended.</p> <p>For more information about domains, see "WebLogic Server Domain" in <i>Oracle Fusion Middleware Installation Planning Guide</i>.</p>
Specify Security Updates	Always	Select the method in which you want to receive the latest product information and security updates.
Specify Installation Location	Always	<p>Specify the following installation directories:</p> <ul style="list-style-type: none"> ■ WebLogic Server home ■ Oracle Instance location ■ Oracle Instance name <p>If you are in a scenario where you are extending a domain or expanding a cluster involving remote machines, you must make sure that the Middleware home and Oracle home directory structures are identical on all the machines.</p> <p>For more information about these directories, see "Oracle Fusion Middleware Directory Structure and Concepts" in <i>Oracle Fusion Middleware Installation Planning Guide</i>.</p>
Configure Components	Always	<p>Select the component(s) you want to configure.</p> <p>Oracle Forms Builder and Reports Builder cannot be installed without Oracle Forms Server and Reports Server, respectively.</p> <p>If you are installing Oracle Discoverer on a Windows operating system, be sure follow the instructions in Section 2.8.1, "Manual Configuration for Oracle Discoverer (Windows Only)" after your software is configured.</p>

Table 2–3 (Cont.) Configuration Tool Flow

Screen	When This Screen Appears	Description and Action Required
Configure Ports	Always	Select whether you want automatic or manual port configuration. NOTE - If you choose to use the <code>staticports.ini</code> (or any custom port file), port numbers less than 1024 will not be validated by the installer. You will, however, be able to proceed with the installation. You will be asked to run the <code>oracleRoot.sh</code> script on the Installation Summary screen. You will only be asked to do this if you are running the Configuration Tool separately (you have already installed the software). See "Port Numbers" in <i>Oracle Fusion Middleware Administrator's Guide</i> for more information.
Specify Proxy Details	Only if Oracle Reports is selected on the Configure Components screen.	Some features of Oracle Reports Server support retrieving or sending information through a firewall. For these features to function properly, Oracle Reports Server requires the proxy information on this screen.
Specify Schema	Only if Create Domain or Extend Domain are selected on the Select Domain screen, and only if Oracle Portal or Oracle Discoverer are selected on the Configure Components screen.	Specify the connection string to your database and Portal and Discoverer schema names and passwords.
Specify Portlet Schema	Only if Create Domain or Extend Domain are selected on the Select Domain screen, and only if Oracle Portal is selected on the Configure Components screen.	Specify the connection string to your database and Portlet schema names and passwords.
Specify Application OID	Always.	Specify the connection credentials for your LDAP server. For Oracle Portal, this screen is mandatory. For Oracle Forms, Reports, and Discoverer, configuring an LDAP server is optional.
Installation Summary	Always	Verify the information on this screen, then click Install to begin the installation.
Configuration Progress	Always	This screen shows the progress of the configuration.
Installation Complete	Always	Click Save to save your configuration information to a file. This information includes port numbers, installation directories, URLs, and component names which you may need to access at a later time. After saving your configuration information, click Finish to dismiss the installer.

2.8.1 Manual Configuration for Oracle Discoverer (Windows Only)

If Oracle Discoverer is installed and configured using the **Install Software - Do Not Configure** option and Configuration Tool, some manual steps need to be performed to create the Windows registry entries for Oracle Discoverer Administrator and Oracle Discoverer Desktop. Run the following `java` command to do so:

```
java -classpath ORACLE_HOME\discoverer\lib\disco-config.jar;  
ORACLE_HOME\oui\jlib\OraInstaller.jar;
```



```
ORACLE_HOME\opmn\lib\iasprovision.jar -Djava.library.path=ORACLE_
HOME\oui\lib\win32 oracle.disco.install.config.DiscoUtil -oraclehome ORACLE_HOME
-tnsadmin TNS_ADMIN_DIR
```

- Replace *ORACLE_HOME* with the full path to your Oracle Portal, Forms, Reports and Discoverer Oracle home directory.
- Replace *TNS_ADMIN_DIR* with the path to the directory where the `tnsnames.ora` file is located. If this file does not already exist, create it and supply the directory in place of the *TNS_ADMIN_DIR* variable.
- The Java class path must be set properly with the `-classpath` parameter.
- The `java.library.path` must be set to the directory containing `OraInstaller.dll`.

2.9 Verifying the Installation

After you have successfully run the installer and configuration wizard, you can verify the status of your installation by performing any combination of the following:

- Verifying the Installation Logs
- Verifying the Domain Server Logs
- Verifying OPMN Status
- Checking Browser URLs

2.9.1 Verifying the Installation Logs

Check for the presence of installation log files in `logs` directory inside your Oracle Inventory directory. On UNIX systems, if you do not know the location of your Oracle Inventory directory, you can find it in the `ORACLE_HOME/oraInst.loc` file. On Windows systems, the default location for the inventory directory is `C:\Program Files\Oracle\Inventory\logs`.

For more information about the installation log files, refer to Section F.2.1, "Installation Log Files".

2.9.2 Verifying the Domain Server Logs

Check the domain server logs, which are located in the `servers` directory inside the domain home directory. For example, on UNIX systems:

```
MW_HOME/user_projects/domains/domain_name/servers/server_name
```

On Windows systems:

```
MW_HOME\user_projects\domains\domain_name\servers\server_name
```

2.9.3 Verifying OPMN Status

Run the `opmnctl status` command from the `INSTANCE_HOME/bin` (on UNIX operating systems) or `INSTANCE_HOME\bin` (on Windows operating systems) directory in your instance home location. The example below shows the output on a UNIX system:

```
> ./opmnctl status
```

```
Processes in Instance: asinst_1
```

```

-----+-----+-----+-----
ias-component          | process-type      | pid | status
-----+-----+-----+-----
emagent_asinst_1     | EMAGENT          | 11849 | Alive
wc1                   | WebCache-admin   | 11333 | Alive
wc1                   | WebCache         | 11332 | Alive
ohs1                  | OHS              | 11207 | Alive
  
```

This information shows the components configured for this installation. The status "Alive" means the component is up and running.

You can also run the `opmnctl status -l` command to obtain a list of ports used by the components. The example below shows the output on a UNIX system:

```

> ./opmnctl status -l

Processes in Instance: asinst_1
-----+-----+-----+-----+-----
-----+-----+-----+-----+-----
ias-component          | process-type      | pid | status |
uid | memused | uptime | ports
-----+-----+-----+-----+-----
emagent_asinst_1     | EMAGENT          | 11849 | Alive |
1133259606 | 4204 | 0:09:38 | N/A
wc1                   | WebCache-admin   | 11333 | Alive |
1133259605 | 43736 | 0:15:35 | http_admin:8091
wc1                   | WebCache         | 11332 | Alive |
1133259604 | 63940 | 0:15:35 | http_stat:8092,http_invalidation:8093,https_
listen:8094,http_listen:8090
ohs1                  | OHS              | 11207 | Alive |
1133259603 | 50744 | 0:15:43 | https:8889,https:8890,http:8888
  
```

2.9.4 Checking Browser URLs

The Installation Complete contains URLs that can be used to access your installed and configured products, as shown in Table 2-4:

Table 2-4 Oracle Portal, Forms, Reports, and Discoverer Product URLs

Product or Component	URL
Administration Server Console	<code>http://host:port/console</code>
Enterprise Manager Console	<code>http://host:port/em</code>
Enterprise Manager Agent	<code>http://host:port/emd/main</code>
Oracle Portal	<code>http://host:port/portal/pls/portal</code>
Oracle Forms	<code>http://host:port/forms/frmservlet</code>
Oracle Reports	<code>http://host:port/reports/rwservlet</code>
Oracle Discoverer Viewer	<code>http://host:port/discoverer/viewer</code>

Installing Oracle Discoverer Desktop

This chapter describes how to install Oracle Discoverer Desktop.

In Oracle Application Server 10g releases, Oracle Discoverer Desktop and Discoverer Administrator were included as part of the Oracle Developer's Suite. In Oracle Fusion Middleware 11g, these products are included with Oracle Portal, Forms, Reports and Discoverer.

Now, Oracle Discoverer Desktop and Discoverer Administrator are available separately with their own installer so that you can install these products more quickly. Oracle WebLogic Server and database schemas are not required for either product.

Note: The separate installer is only available on Microsoft Windows operating systems.

The following topics are covered in this chapter:

- Section 3.1, "Verifying Your System and Network Environment"
- Section 3.2, "Installation Instructions"
- Section 3.3, "Starting Your Products"

3.1 Verifying Your System and Network Environment

To verify that your system environment meets the minimum requirements for installation, refer to the following documents, available on Oracle Technology Network (OTN):

- Oracle Fusion Middleware System Requirements and Specifications

This document contains information related to hardware and software requirements, minimum disk space and memory requirements, database schema requirements, and required system libraries, packages, or patches.

If you are installing on a DHCP server, non-networked computer, or multihomed computer, there are additional configuration steps that are required. These steps are also available in the system requirements document in the "Oracle Fusion Middleware System Configuration Requirements" section.

If you are installing on a Windows operating system and want to install and configure Java Access Bridge for Section 508 Accessibility, read the "Installing and Configuring Java Access Bridge" section in this document.

- Oracle Fusion Middleware Supported System Configurations

This page contains various certification documents for current and previous product releases. The *System Requirements and Supported Platforms for Oracle Fusion Middleware 11gR1* document contains certification information related to supported 32-bit and 64-bit operating systems, databases, web servers, LDAP servers, adapters, IPv6, JDKs, and third-party products.

- *Oracle Fusion Middleware Interoperability and Compatibility Guide*

This document covers the compatibility and interoperability issues that may arise when installing or upgrading Oracle Fusion Middleware 11g products.

3.2 Installation Instructions

When you run the installer, Application Developer is installed onto your system. After the product is installed, you must run the Configuration Wizard to configure Application Developer.

This section contains the following topics:

- Section 3.2.1, "Starting the Installer"
- Section 3.2.2, "Finding the Installation Log Files"
- Section 3.2.3, "Following the Installation Screens and Instructions"

3.2.1 Starting the Installer

To start the installer, insert the product CD-ROM. If your system is not configured for autorun, find and execute the `setup.exe` file.

3.2.2 Finding the Installation Log Files

The installer writes logs files to the `Oracle_Inventory_Location\logs` directory. Refer to Section F.2.1, "Installation Log Files" for more information about the log files and their contents.

3.2.3 Following the Installation Screens and Instructions

Follow the instructions in Table 3–1 to install Oracle Discoverer Desktop and Discoverer Administrator.

If you need additional help with any of the installation screens, refer to Appendix B, "Oracle Discoverer Desktop Installation Screens" or click **Help** to access the online help.

Table 3–1 Installation Screens

Screen	Description and Action Required
Welcome	This page introduces you to the Oracle Fusion Middleware installer.
Prerequisite Checks	Verify that your system meets all necessary prerequisites.
Specify Installation Location	Specify the directory where you want to install the software. This directory is your Oracle home directory: <ul style="list-style-type: none"> ■ If you specify an existing directory, make sure the directory is empty. ■ If you specify a new directory, the installer will create the directory for you.

Table 3–1 (Cont.) Installation Screens

Screen	Description and Action Required
Select Components	Select the products you want to install.
Installation Summary	Verify the installation about to be performed.
Installation Progress	This screen shows the progress of the installation. When the process is 100% complete, click Next to continue.
Installation Completed	Click Save to save your configuration information to a file. This information includes port numbers, installation directories, URLs, and component names which you may need to access at a later time. After saving your configuration information, click Finish to dismiss the installer.

3.3 Starting Your Products

After the installation is complete, you can start your software.

To run Oracle Discoverer Desktop, go to the **Start** menu and select **All Programs > Oracle Discoverer Desktop and Admin - Home 1 > Oracle Discoverer Desktop**.

To run Oracle Discoverer Administrator, go to the **Start** menu and select **All Programs > Oracle Discoverer Desktop and Admin - Home 1 > Oracle Discoverer Administrator**.

Deinstalling Oracle Portal, Forms, Reports and Discoverer

This chapter describes how to remove Oracle Portal, Forms, Reports and Discoverer from your system.

You should always use the instructions provided in this chapter for removing the software. If you try to remove the software manually, you may experience problems when you try to reinstall the software again at a later time. Following the procedures in this chapter will ensure that the software is properly removed. See Section 4.4, "Reinstalling the Software" for more information.

Note: If you need to remove a particular product component, you must remove the entire domain containing the component. It is not possible to remove a single product from a domain containing multiple products.

The following topics are covered:

- Section 4.1, "Understanding the Deinstallation"
- Section 4.2, "Deinstalling the Software"
- Section 4.4, "Reinstalling the Software"

4.1 Understanding the Deinstallation

The Oracle Portal, Forms, Reports and Discoverer deinstaller gives you the following software removal options, which should be performed in the order shown:

- **Deinstall Unmanaged ASInstances**

This option removes instances of your system components not associated with a WebLogic domain.

Note: This option is not applicable to Oracle Portal, Forms, Reports and Discoverer since all components must be associated with a WebLogic Server domain.

- **Deinstall ASInstances managed by WebLogic Domain**

This option removes instances of your system components that are managed by a WebLogic domain. The Administration Server must be up and running in order to

remove managed instances; you will need to specify the credentials to access your WebLogic domain.

You should choose this option if you have configured any Oracle Forms and Reports components, either by using the installer or the configuration tool.

■ **Deinstall Oracle Home**

This option removes everything under the Oracle home from which the deinstaller is started and also gives you the option to remove the Oracle home directory. Be sure that you have removed all unmanaged and managed instances of your system components and also stopped all the servers before you remove the Oracle home. The deinstaller only removes the Oracle home directory from where it was started and does not remove any associated managed instances.

You should choose this option:

- If you have configured any Oracle Portal, Forms, Reports and Discoverer components, have already removed all managed instances of those components, have stopped all the servers, and are ready to remove the software in the Oracle home.
- If you have performed a software-only installation and want to remove the installed software. For this scenario, since you did not configure any Oracle Forms and Reports components, you do not need to select the **Deinstall ASInstances managed by WebLogic Domain** option; you can start the deinstaller and go directly to the **Deinstall Oracle Home** option.

There are two Oracle home directories that need to be removed: the Oracle Portal, Forms, Reports and Discoverer Oracle home and also the Oracle Common home. Each Oracle home contains its own deinstaller; you must start the deinstaller separately for each Oracle home as the deinstaller only removes the Oracle home from where it is started.

If you want to also remove Oracle WebLogic Server from your system, you must run the Oracle WebLogic Server uninstaller to do so. Refer to the instructions in Section 4.2.3, "Removing Oracle WebLogic Server and WebLogic Server Domains".

Figure 4–1 illustrates the order in which these deinstallation options, along with other related tasks, should be performed (assuming that managed instances were configured on your system):

Figure 4–1 Oracle Portal, Forms, Reports and Discoverer Deinstallation Flowchart

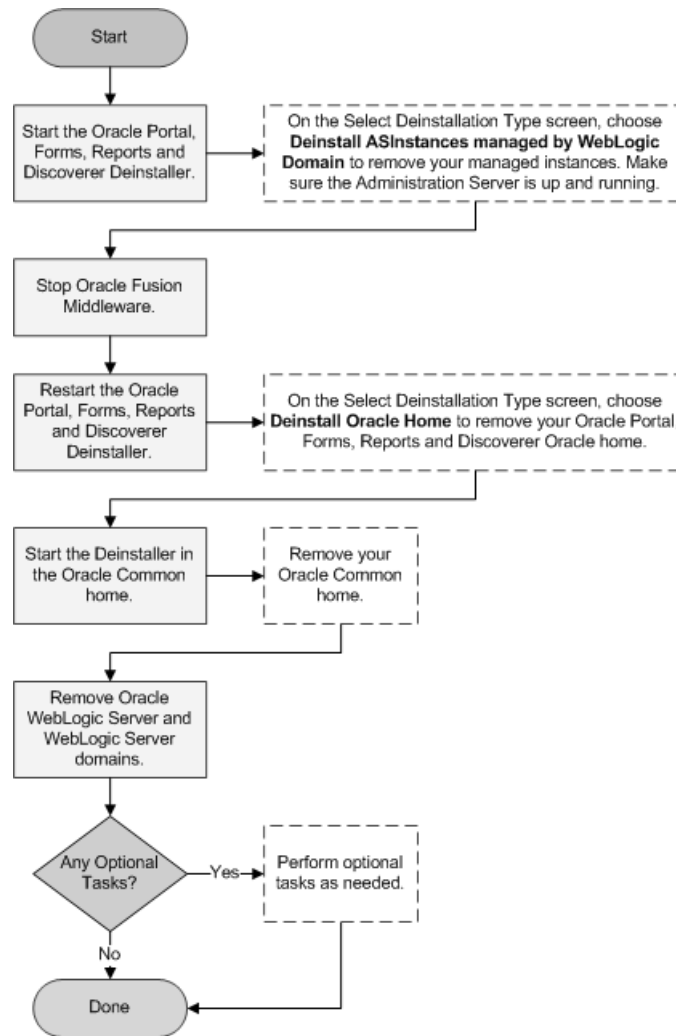


Table 4–1 provides additional information for each task listed in the flowchart.

Table 4–1 Oracle Portal, Forms, Reports and Discoverer Deinstallation Tasks

Task	Description
Start the Oracle Portal, Forms, Reports and Discoverer deinstaller.	Start the Oracle Portal, Forms, Reports and Discoverer deinstaller and remove your managed instances. Make sure the Administration Server is up before removing your managed instances. See Section 4.2.2.1, "Starting the Deinstaller" and Section 4.2.2.2, "Removing Your Managed Oracle Portal, Forms, Reports and Discoverer Instances".
Stop Oracle Fusion Middleware.	Stop the Administration Server. See Section 4.2.2.3, "Stopping Oracle Fusion Middleware" for more information.

Table 4–1 (Cont.) Oracle Portal, Forms, Reports and Discoverer Deinstallation Tasks

Task	Description
Restart the Oracle Portal, Forms, Reports and Discoverer deinstaller.	Start the Oracle Portal, Forms, Reports and Discoverer deinstaller again and remove your product Oracle home directory. See Section 4.2.2.1, "Starting the Deinstaller" and Section 4.2.2.4, "Removing Your Oracle Portal, Forms, Reports and Discoverer Oracle Home".
Start the deinstaller in the Oracle Common home.	Start the deinstaller in the Oracle Common home directory to remove the Oracle Common home. See Section 4.2.2.5, "Removing your Oracle Common Home".
Remove Oracle WebLogic Server and WebLogic Server domains.	See Section 4.2.3, "Removing Oracle WebLogic Server and WebLogic Server Domains".
Perform Optional Tasks?	Read the following to see if they are applicable to your environment: <ul style="list-style-type: none"> ■ Section 4.3.1, "Removing the Program Groups" ■ Section 4.3.2, "Rebooting Your System"

4.2 Deinstalling the Software

This section contains information and instructions for removing Oracle Portal, Forms, Reports and Discoverer. This procedure involves the following:

- Section 4.2.1, "Removing the Oracle Portal and Oracle Discoverer Schemas"
- Section 4.2.2, "Removing Oracle Portal, Forms, Reports and Discoverer"
- Section 4.2.3, "Removing Oracle WebLogic Server and WebLogic Server Domains"
- Section 4.2.4, "Removing Oracle JDeveloper"
- Section 4.3.1, "Removing the Program Groups"
- Section 4.3.2, "Rebooting Your System"

4.2.1 Removing the Oracle Portal and Oracle Discoverer Schemas

Run the Repository Creation Utility (RCU) to drop the Oracle Portal and Oracle Discoverer schemas from your database.

See "Dropping Schemas" in *Oracle Fusion Middleware Repository Creation Utility User's Guide* for instructions.

4.2.2 Removing Oracle Portal, Forms, Reports and Discoverer

Follow the instructions in this section to deinstall Oracle Portal, Forms, Reports and Discoverer.

4.2.2.1 Starting the Deinstaller

Go to the `ORACLE_HOME/oui/bin` (on UNIX operating systems) or `ORACLE_HOME\oui\bin` (on Windows operating systems) directory and start the deinstaller.

On UNIX operating systems:

```
./runInstaller.sh -deinstall
```

On Windows operating systems:

```
setup.exe -deinstall
```

On Windows systems, you can also start the deinstaller from the Start menu by selecting **Programs > Oracle Home - Home1 > Uninstall**.

4.2.2.2 Removing Your Managed Oracle Portal, Forms, Reports and Discoverer Instances

All managed Oracle Instances must be removed from the system before you remove the Oracle home. Follow the instructions in Table 4–2 to remove your managed Oracle Instances (these are instances that are associated with a WebLogic Domain):

Note: To remove a managed instance, the Administration Server must be up and running.

Note: If you want to remove an Oracle instance which is registered with a WebLogic domain, make sure to launch the deinstaller from Oracle home directory that is associated with the Oracle instance you are removing.

The deinstaller will list all instances associated with same WebLogic domain; make sure you choose to remove the instances that are associated with the Oracle home from where you launched the deinstaller only.

Table 4–2 Removing Managed Oracle Instances

Screen	Description
Welcome	The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.
Select Deinstallation Type	Select the type of deinstallation you want to perform. In this case, select Deinstall ASInstances managed by WebLogic Domain .
Specify WebLogic Domain Detail	Specify the credentials to connect to your WebLogic Domain.
Select Managed Instance	Select the managed Oracle instance you want to deinstall.
Deinstallation Summary (Managed Instance)	Verify the Oracle Instance that is about to be removed.
Deinstallation Progress	This screen shows the progress and status of the deinstallation.
Deinstallation Complete	This screen summarizes the deinstallation that was just completed. Click Finish to dismiss the screen.

4.2.2.3 Stopping Oracle Fusion Middleware

Before deinstalling Oracle Fusion Middleware software components, you should stop all servers and processes.

For more information about starting and stopping Oracle Fusion Middleware, refer to "Starting and Stopping Oracle Fusion Middleware" in *Oracle Fusion Middleware Administrator's Guide*.

4.2.2.4 Removing Your Oracle Portal, Forms, Reports and Discoverer Oracle Home

After all managed and unmanaged Oracle Instances have been removed, start the deinstaller again (Section 4.2.2.1, "Starting the Deinstaller") and follow the instructions in Table 4–3 to remove your Oracle home.

Table 4–3 Removing Your Product Oracle Home

Screen	Description and Action Required
Welcome	The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.
Select Deinstallation Type	Select the type of deinstallation you want to perform. In this case, select Deinstall Oracle Home .
Deinstall Oracle Home	<p>Verify the Oracle home directory that is about to be deinstalled. Click Deinstall to continue.</p> <p>On the Warning screen, select whether or not you want the deinstaller to remove the Oracle home directory in addition to removing the software.</p> <p>Click Yes to have the deinstaller remove the software and Oracle home, No to remove only the software, or Cancel to return to the previous screen.</p> <p>If you select No, go to Section 4.2.2.6, "Removing the Oracle Home Directory Manually" for instructions on how to manually remove your Oracle home directory.</p>
Deinstallation Progress	This screen shows the progress and status of the deinstallation.
Deinstallation Complete	<p>This screen summarizes the deinstallation that was just completed.</p> <p>Click Finish to dismiss the screen.</p>

4.2.2.5 Removing your Oracle Common Home

This section describes how to remove the `oracle_common` directory. This directory contains its own deinstaller in `oui/bin` (on UNIX operating systems) or `oui\bin` (on Windows operating systems), just like any other Oracle Home directory.

To start the deinstaller, navigate to the `MW_HOME/oracle_common/oui/bin` (on UNIX operating systems) or `MW_HOME\oracle_common\oui\bin` (on Windows operating systems) directory and start the deinstaller.

The deinstaller requires the location of a Java Runtime Environment (JRE) on your system. When you installed Oracle WebLogic Server, a JRE was installed on your system. You can use this location (the location of the `jre` directory) to start the installer. The default location for the JRE is `MW_HOME/jdk160_18` (on UNIX operating systems) or `MW_HOME\jdk160_18` (on Windows operating systems), where `MW_HOME` is the Middleware Home directory.

On 64-bit platforms, the JRE location is the `JAVA_HOME` you used to install Oracle WebLogic Server.

On UNIX operating systems:

```
./runInstaller -deinstall -jreLoc JRE_LOCATION
```

On Windows operating systems:

```
setup.exe -deinstall -jreLoc JRE_LOCATION
```

You must specify the absolute path to your *JRE_LOCATION*; relative paths will not work.

After the deinstaller is started, follow the instructions in Table 4–4 to remove the Oracle Common home.

Table 4–4 Removing Your Oracle Common Home

Screen	Description and Action Required
Welcome	The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.
Deinstall Oracle Home	<p>Verify the Oracle home directory that is about to be deinstalled. Click Deinstall to continue.</p> <p>On the Warning screen, select whether or not you want the deinstaller to remove the Oracle home directory in addition to removing the software.</p> <p>Click Yes to have the deinstaller remove the software and Oracle home, No to remove only the software, or Cancel to return to the previous screen.</p> <p>If you select No, go to Section 4.2.2.6, "Removing the Oracle Home Directory Manually" for instructions on how to manually remove your Oracle home directory.</p>
Deinstallation Progress	This screen shows the progress and status of the deinstallation.
Deinstallation Complete	<p>This screen summarizes the deinstallation that was just completed.</p> <p>Click Finish to dismiss the screen.</p>

4.2.2.6 Removing the Oracle Home Directory Manually

If you selected **No** on the warning screen during deinstallation, you must manually remove your Oracle home directory and any sub-directories. For example, if your Oracle Common home directory was `/home/Oracle/Middleware/oracle_common` on a UNIX operating system:

```
> cd /home/Oracle/Middleware
> rm -rf oracle_common
```

On a Windows operating system, if your Oracle Common home directory was `C:\Oracle\Middleware\oracle_common`, use a file manager window and navigate to the `C:\Oracle\Middleware` directory, then right-click on the `oracle_common` folder and select **Delete**.

4.2.3 Removing Oracle WebLogic Server and WebLogic Server Domains

Refer to "Uninstalling the Software" in *Oracle WebLogic Server Installation Guide* for instructions on how to remove Oracle WebLogic Server. The uninstall program does not remove the home directory associated with the installation (the Middleware home), the JDK, or any user-created WebLogic domains for Oracle Portal, Forms, Reports and Discoverer. Only the components that were installed by the installation program are removed.

After the uninstall program is finished, you must manually remove the Middleware home directory. For example, if your Middleware home directory was `/home/Oracle/Middleware` on a UNIX operating system:

```
> cd /home/Oracle
```

```
> rm -rf Middleware
```

On a Windows operating system, if your Middleware home directory was `C:\Oracle\Middleware`, use a file manager window and navigate to the `C:\Oracle` directory, then right-click on the `Middleware` folder and select **Delete**.

Since the Oracle Portal, Forms, Reports and Discoverer installer automatically creates your domains in the `user_projects` directory inside the Middleware home, removing the Middleware home will also remove your domains.

4.2.4 Removing Oracle JDeveloper

If you have installed Oracle JDeveloper on your system, refer to *Oracle Fusion Middleware Installation Guide for Oracle JDeveloper* for instructions on how to remove this software from your system.

4.3 Post-Deinstallation Tasks for Windows Operating Systems

If you are using a Microsoft Windows operating system, there are additional post-deinstallation tasks that you need to perform:

- Section 4.3.1, "Removing the Program Groups"
- Section 4.3.2, "Rebooting Your System"

4.3.1 Removing the Program Groups

On Windows operating systems, you must also manually remove the program groups from the `Start Menu\Programs` folder. As an example (the folder names and program group names on your system may be different), you might remove the following from `C:\Documents and Settings\All Users\Start Menu\Programs`:

- Oracle Fusion Middleware 11.1.1.6.0
- Oracle Classic 11g - Home1
- Oracle WebLogic

4.3.2 Rebooting Your System

On Windows operating systems, you should reboot your computer after you have finished removing all your programs to ensure proper cleanup.

4.4 Reinstalling the Software

The installer does not allow reinstallation of Oracle Portal, Forms, Reports and Discoverer in a directory that already contains an Oracle instance. To reinstall Oracle Portal, Forms, Reports and Discoverer in the same directory as before, you must:

1. Follow the instructions in Section 4.2.2.2, "Removing Your Managed Oracle Portal, Forms, Reports and Discoverer Instances" to remove all Oracle instances from the directory.
2. Follow the instructions in Chapter 2, "Installing Oracle Portal, Forms, Reports and Discoverer" to reinstall the software.

Deinstalling Oracle Discoverer Desktop

This chapter describes how to remove Oracle Discoverer Desktop.

You should always use the instructions provided in this chapter for removing the software. If you try to remove the software manually, you may experience problems when you try to reinstall the software again at a later time. Following the procedures in this chapter will ensure that the software is properly removed.

5.1 Removing Your Oracle Discoverer Desktop Software-

To remove Oracle Discoverer Desktop from your system, start the deinstaller by going to the Start menu and selecting **All Programs > Oracle Discoverer Desktop and Admin - Home 1 > Uninstall Oracle Discoverer Desktop and Admin**.

Follow the instructions in Table 5–1 to remove Oracle Discoverer Desktop and Discoverer Administrator.

If you need additional help with any of the deinstallation screens, refer to Appendix D, "Oracle Discoverer Desktop Deinstallation Screens" or click **Help** to access the online help.

Table 5–1 Oracle Discoverer Desktop Deinstallation Screens

Screen	Description
Welcome	The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.
Deinstall Oracle Home	<p>Verify the Oracle home directory that is about to be deinstalled. Click Deinstall to continue.</p> <p>On the Warning screen, select whether or not you want the deinstaller to remove the Oracle home directory in addition to removing the software.</p> <p>Click Yes to have the deinstaller remove the software and Oracle home, No to remove only the software, or Cancel to return to the previous screen.</p> <p>If you select No, go to Section 5.2, "Removing the Oracle Home Directory Manually+" for instructions on how to manually remove your Oracle home directory.</p>
Deinstallation Progress	This screen shows the progress and status of the deinstallation.
Deinstallation Complete	<p>This screen summarizes the deinstallation that was just completed.</p> <p>Click Finish to dismiss the screen.</p>

5.2 Removing the Oracle Home Directory Manually+

If you selected **No** on the warning screen during deinstallation, you must manually remove your Oracle home directory and any sub-directories.

For example, if your Oracle home directory was `C:\Oracle\Middleware\as_1`, use a file manager window and navigate to the `C:\Oracle\Middleware` directory, then right-click on the `as_1` folder and select **Delete**.

Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens

This appendix contains flowcharts describing the order in which you would see each installation and configuration screen, along with screenshots and descriptions for each screens.

The following topics are covered:

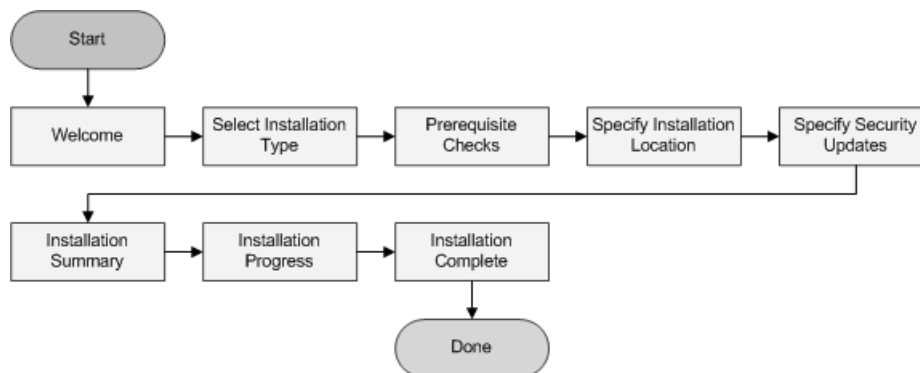
- Section A.1, "Flowchart of Oracle Portal, Forms, Reports and Discoverer Installation Screens - Install Only Option"
- Section A.2, "Flowchart of the Oracle Portal, Forms, Reports and Discoverer Configuration Screens"
- Section A.3, "Descriptions of the Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens"

A.1 Flowchart of Oracle Portal, Forms, Reports and Discoverer Installation Screens - Install Only Option

Figure A-1 shows the installation screens in the order in which they appear based on the **Install Only - Do Not Configure** option on the Select Installation Type screen.

Each screen is described in detail in Section A.3, "Descriptions of the Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens".

Figure A-1 *Installation Screens - Install Only Option*

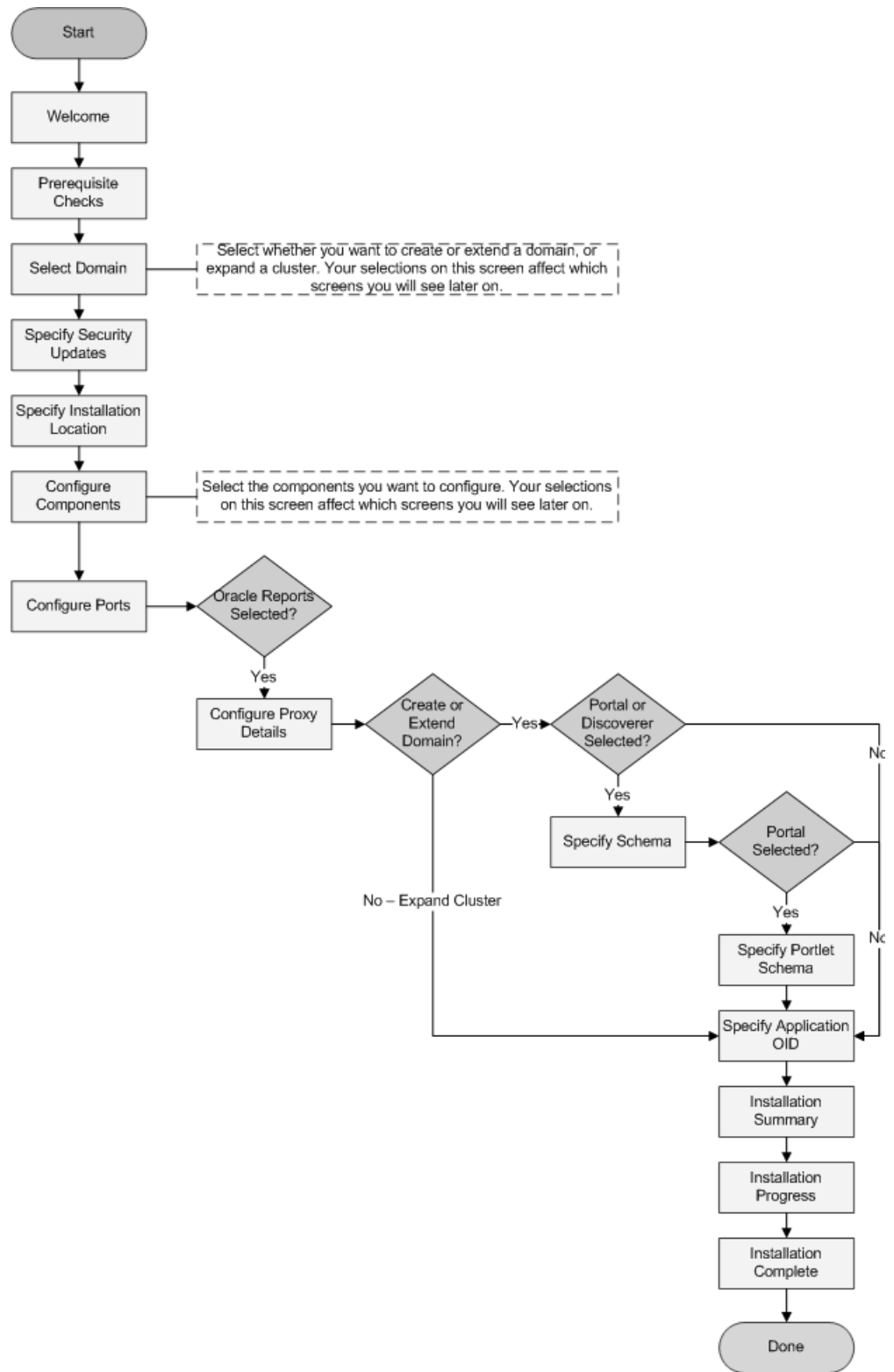


A.2 Flowchart of the Oracle Portal, Forms, Reports and Discoverer Configuration Screens

Figure A-2 shows the screens you will see in the configuration tool based on the options you select.

Each screen is described in detail in Section A.3, "Descriptions of the Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens".

Figure A-2 Configuration Screens



A.3 Descriptions of the Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Screens

This section contains screenshots and descriptions for all of the Oracle Portal, Forms, Reports and Discoverer installation and configuration screens:

- Specify Inventory Directory
- Inventory Location Confirmation
- Welcome
- Configuration Tool Welcome
- Select Installation Type
- Prerequisite Checks
- Select Domain
- Specify Security Updates
- Specify Installation Location
- Configure Components
- Configure Ports
- Specify Proxy Details
- Specify Schema
- Specify Portlet Schema
- Specify Application OID
- Installation Summary
- Installation Summary (Install Only Option)
- Installation Progress
- Configuration Progress
- Installation Complete

A.3.1 Specify Inventory Directory

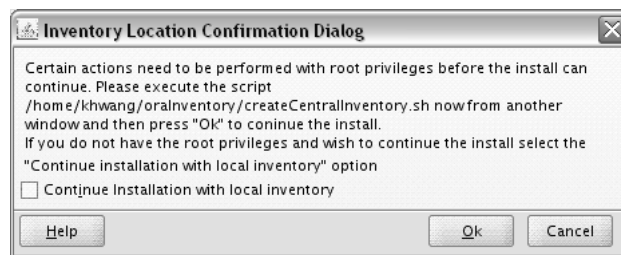


This screen appears for UNIX systems only; if this is your first Oracle installation on this host, you must specify the location of the inventory directory. This inventory directory is used by the installer to keep track of all Oracle products installed on the computer.

The default inventory location is `USER_HOME/orainventory`.

In the **Operating System Group name** field, select the group whose members you want to grant access to the inventory directory; all members of this group will be able to install products on this machine.

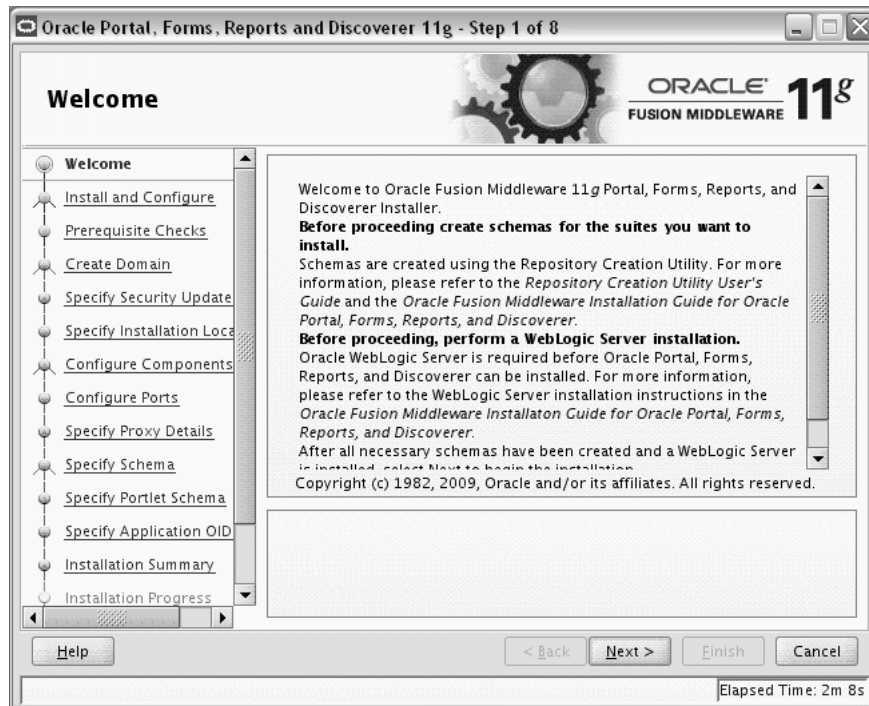
A.3.2 Inventory Location Confirmation



This screen appears for UNIX systems only; you are asked to run the `inventory_directory/createCentralInventory.sh` script as root.

If you do not have root access on this machine but wish to continue with the installation, select **Continue installation with local inventory**.

A.3.3 Welcome



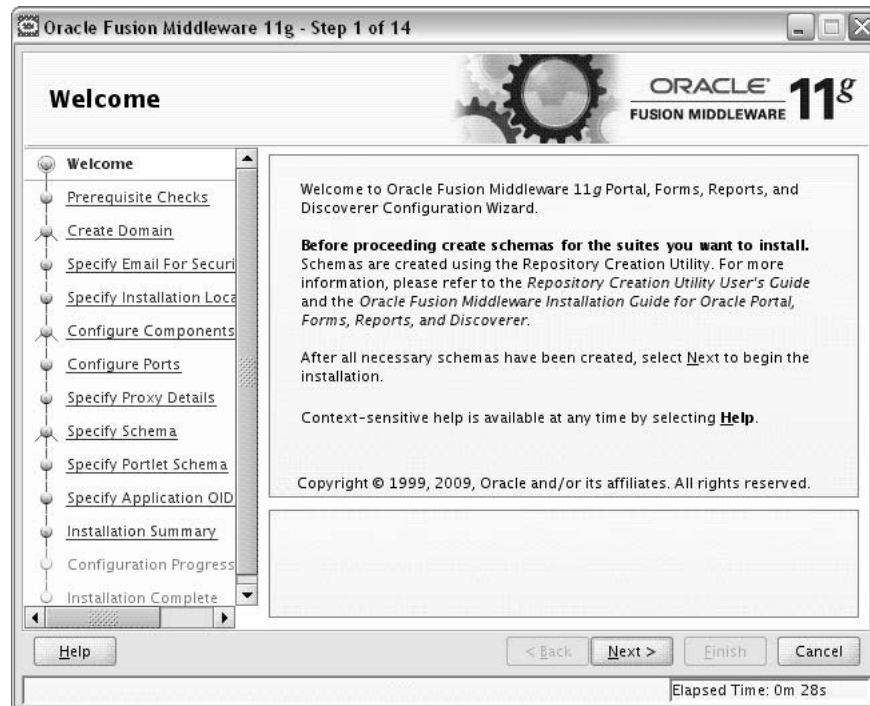
This page introduces you to the Oracle Fusion Middleware installer and provides two important pieces of information:

- A navigation pane on the left that summarizes the tasks the installer will help you complete. Each item in the navigation pane represents a specific installer screen that will prompt you for information required to install the software.
- Information about any prerequisites you might need to perform before continuing with the installation.

Review the information on this screen carefully to be sure you have performed all the necessary prerequisites.

If you are not sure about any of the prerequisite tasks, refer to the *Oracle Fusion Middleware Installation Planning Guide*, as well as the installation guide for the specific Oracle Fusion Middleware software you are about to install.

A.3.4 Configuration Tool Welcome



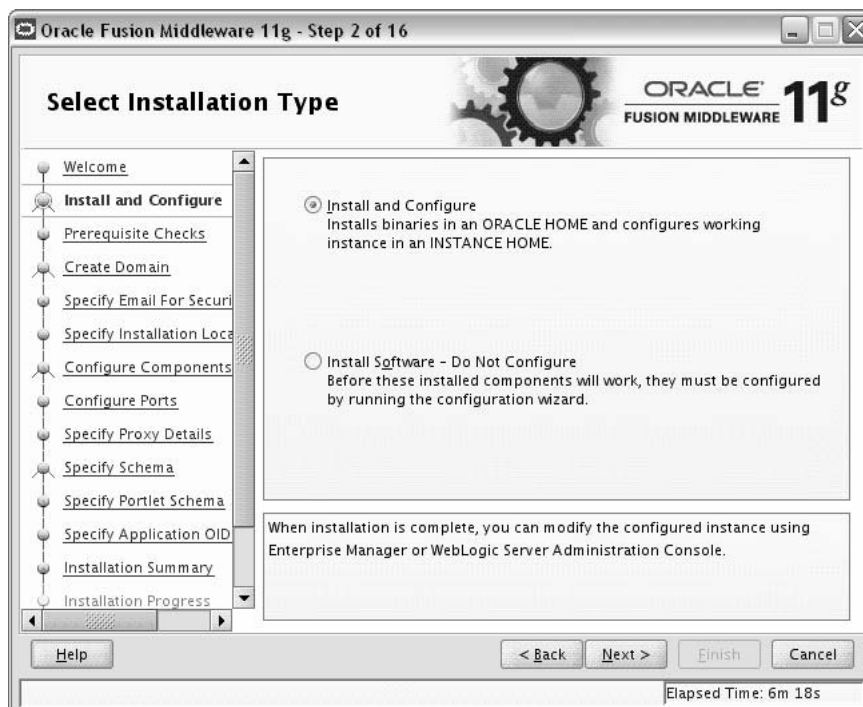
This page introduces you to the Oracle Fusion Middleware configuration tool and provides two important pieces of information:

- A navigation pane on the left that summarizes the tasks the configuration tool will help you complete. Each item in the navigation pane represents a specific screen that will prompt you for information required to configure the software.
- Information about any prerequisites you might need to perform before continuing with the configuration.

Review the information on this screen carefully to be sure you have performed all the necessary prerequisites.

If you are not sure about any of the prerequisite tasks, refer to the *Oracle Fusion Middleware Installation Planning Guide*, as well as the installation guide for the specific Oracle Fusion Middleware software you are about to install.

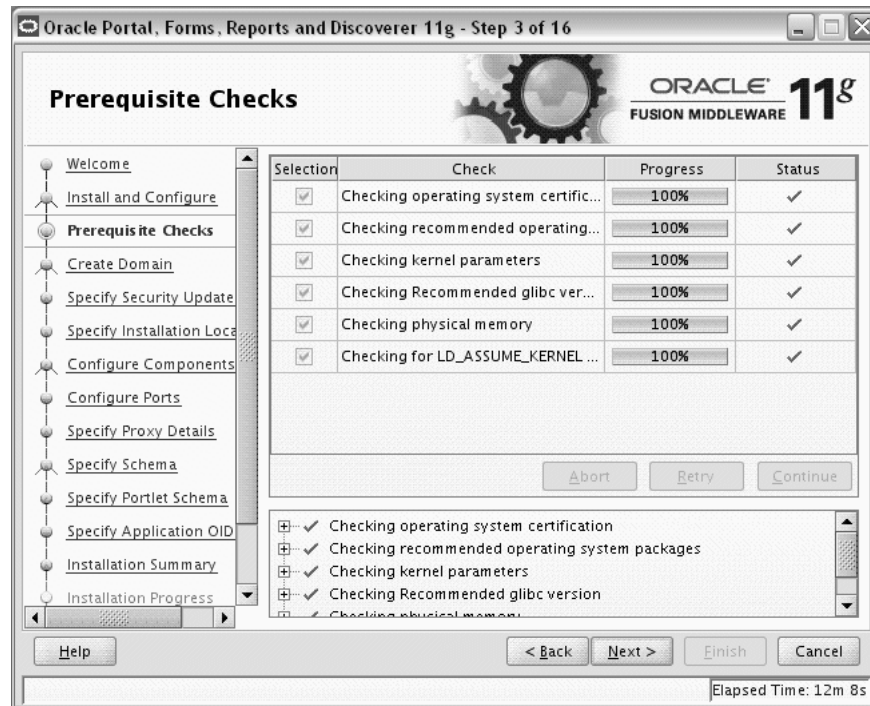
A.3.5 Select Installation Type



The following table describes the options on this screen.

Option	Description
Install and Configure	<p>Select this option to have the installer create an Oracle home directory where the software will be installed, and an Oracle Instance directory where a working instance of the software will be created.</p> <p>After the installation is complete, you can modify the configured instance using Enterprise Manager or WebLogic Server Administration Console.</p>
Install Software - Do Not Configure	<p>Select this option to have the installer create an Oracle Home directory where the software will be installed. After the installation, you must run the Configuration Tool separately to configure a working instance.</p>

A.3.6 Prerequisite Checks



This screen analyzes the host computer to ensure that specific operating system prerequisites have been met.

If any of the prerequisite checks fail, then a short error message appears in the bottom portion of the screen. Fix the error and click **Retry** to try again. If you want to ignore the error or warning messages and continue with the installation, click **Continue**.

Click **Abort** to stop prerequisite checking for all components.

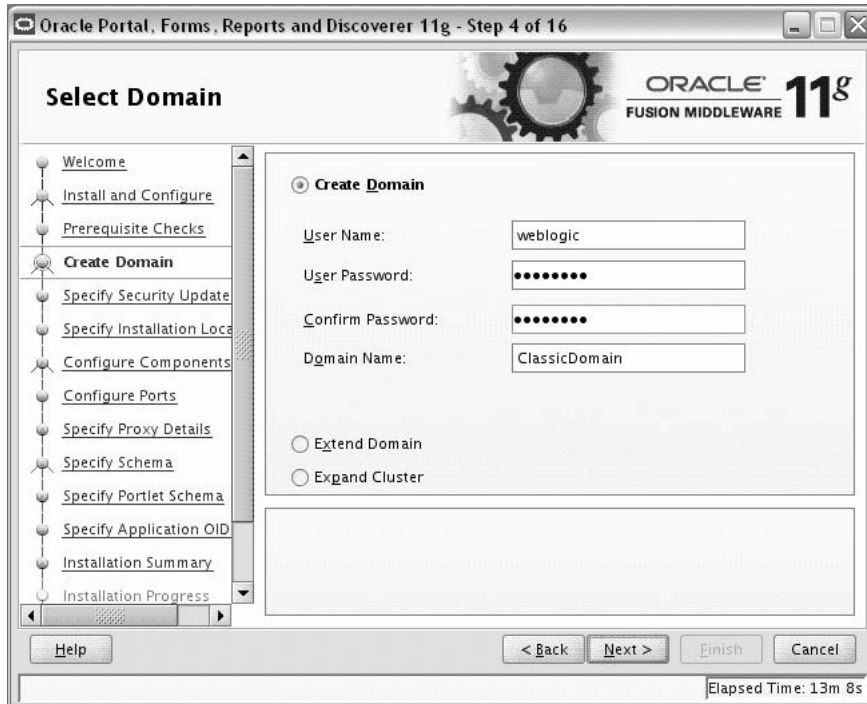
More About System Requirements and Prerequisites

Note that before performing any installation you should read the system requirements and certification documentation to ensure that your environment meets the minimum installation requirements for the products you are installing. Both of these documents are available on Oracle Technology Network (OTN).

The *Oracle Fusion Middleware System Requirements and Specifications* document covers information such as hardware and software requirements, minimum disk space and memory requirements, and required system libraries, packages, or patches.

The Oracle Fusion Middleware certification document for this release can be found on the Oracle Fusion Middleware Supported System Configurations page. This document covers supported installation types, platforms, operating systems, databases, JDKs, and third-party products.

A.3.7 Select Domain



Use this screen to create a new WebLogic domain, extend an existing domain, or expand a cluster. For more information about these concepts, refer to the *Oracle Fusion Middleware Installation Planning Guide*.

Select the method you want to use to associate your components with a WebLogic Server domain:

- Create Domain
- Extend Domain
- Expand Cluster

A.3.7.1 Create Domain

Select **Create Domain** to create a new WebLogic Server domain.

Note: The WebLogic domain will be created in the `user_projects` directory inside the Middleware home; it is not possible to create the domain outside this directory.

The following table describes the fields on this screen:

Field	Description
User Name	Specify the user name. The default user name is <code>weblogic</code> .
User Password	Specify the user password. Valid passwords are 8 to 30 characters long, must begin with an alphabetic character, use only alphanumeric, underscore (<code>_</code>), dollar (<code>\$</code>) or pound (<code>#</code>) characters. It should contain at least one numeric, underscore (<code>_</code>), dollar (<code>\$</code>), or pound (<code>#</code>) character.

Field	Description
Confirm Password	Re-enter the user password.
Domain Name	Specify the name of the domain you want to create. Domain names may only contain alphanumeric characters, or the underscore (_) or hyphen (-) characters.

A.3.7.2 Extend Domain

If an existing domain is detected, you will have the option of extending the existing domain to add the products and services you are installing.

Note: Only existing domains configured by the Oracle Portal, Forms, Reports, and Discoverer installer that have been patched to the latest version can be extended.

The following table describes the fields on this screen:

Field	Description
Host Name	Specify the name of the system where the domain is located.
Port	Specify the port number on the host where the domain can be accessed.
User Name	Specify the user name. The default user name is <code>weblogic</code> .
User Password	Specify the password for the user.

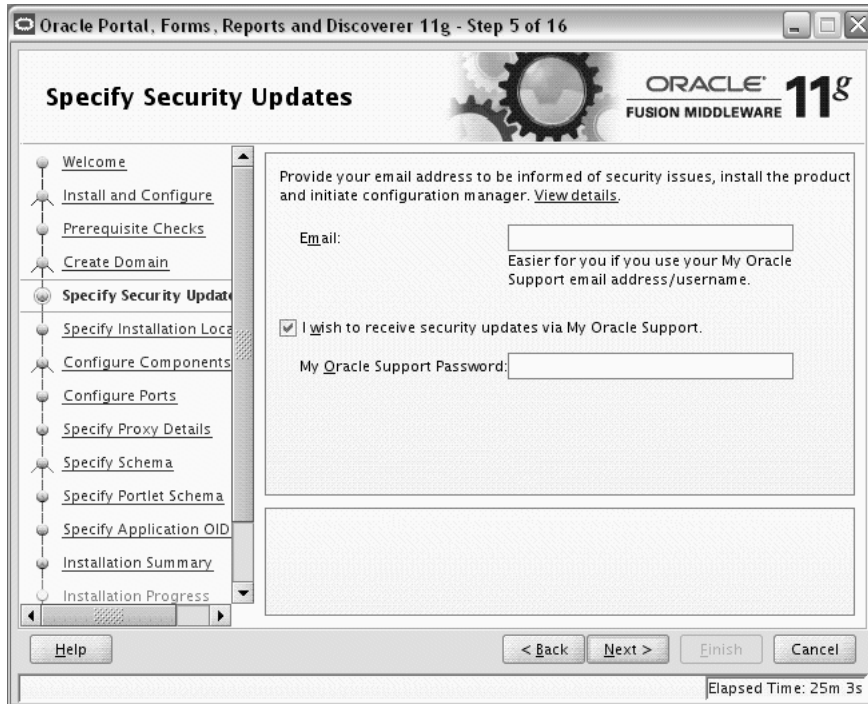
A.3.7.3 Expand Cluster

You can also choose **Expand Cluster** to add Managed Servers for high availability and replication.

The following table describes the fields on this screen:

Field	Description
Host Name	Specify the name of the system where the cluster is located.
Port	Specify the port number on the host where the cluster can be accessed.
User Name	Specify the user name. The default user name is <code>weblogic</code> .
User Password	Specify the password for the user.

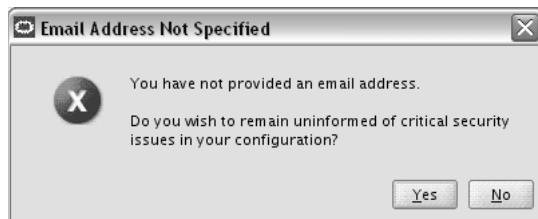
A.3.8 Specify Security Updates



Use this screen to enter your My Oracle Support account information so you can receive the latest product information and security updates via your My Oracle Support account.

Enter your E-mail address if you want to receive the latest product information and security updates. If you have a My Oracle account and wish to receive updates via this mechanism, select **I wish to receive security updates via My Oracle Support**, then enter your account password.

If you do not wish to register for Oracle Configuration Manager, uncheck the **I wish to receive security updates via My Oracle Support** box and leave all the fields on this screen blank. You will be prompted to confirm your selection with the following screen:



Click **Yes** to confirm that you do not want to register for security updates.

A.3.9 Specify Installation Location



The contents of this screen differ depending on how you access this screen. There are three possibilities:

- You selected **Install and Configure** on the Select Installation Type screen: see Section A.3.9.1, "Install and Configure Option".
- You selected **Install Software - Do Not Configure** on the Select Installation Type screen: see Section A.3.9.2, "Install Only - Do Not Configure Option".
- You ran the Configuration Tool from the `ORACLE_HOME/bin` (on UNIX operating systems) or `ORACLE_HOME\bin` (on Windows operating systems) directory: see Section A.3.9.3, "Configuration Tool Option".

Refer to "Oracle Fusion Middleware Directory Structure and Concepts" in *Oracle Fusion Middleware Installation Planning Guide* for more information about these directories.

If you are performing an installation on a Windows operating system, be sure that your directory paths are valid and do not contain double backslashes (\\).

A.3.9.1 Install and Configure Option

If you selected the **Install and Configure** option on the Select Installation Type, specify the installation locations described in the following table:

Field	Description
Oracle Middleware Home Location	The absolute path to the directory where WebLogic Server was installed. If you are installing Oracle Reports on a Windows operating system, make sure the path to your Middleware home directory is not too long. For more information, see Section F.3, "Verifying Environment Variable Lengths for Oracle Reports (Windows Only)".

Field	Description
Oracle Home Directory	<p>The directory name for your Oracle home:</p> <ul style="list-style-type: none"> You can specify a directory that already exists; this must be an empty directory inside the Oracle Middleware home (for example, you have created an empty directory inside the Middleware home in advance of this installation and should specify this directory here). You can specify the name of a new directory that will be created for you inside the Middleware home. <p>Your Oracle home directory where your products will be installed. All software binaries will reside in this directory, and no runtime process can write to this directory.</p>
WebLogic Server Location	<p>The directory name for your WebLogic Server home. This directory will automatically be created inside the Middleware home. The default name for this directory is <code>wlserver_10.3</code>.</p>
Oracle Instance Location	<p>The absolute path to the directory where your Oracle Instance will reside. This is where application configuration files reside and where the application process runs from. Runtime components write only to this location.</p> <p>By default, this directory will be created inside the Middleware home but you can choose any location on your system.</p>
Oracle Instance Name	<p>Specify the unique name of your Oracle Instance. The Oracle Instance name may only contain alphanumeric and underscore (<code>_</code>) characters, it must begin with an alphabetic (<code>a-z</code> or <code>A-Z</code>) character, and must be 4 to 30 characters in length.</p>

A.3.9.2 Install Only - Do Not Configure Option

If you selected the **Install Software - Do Not Configure** option on the Select Installation Type, you specify the installation locations described in the following table:

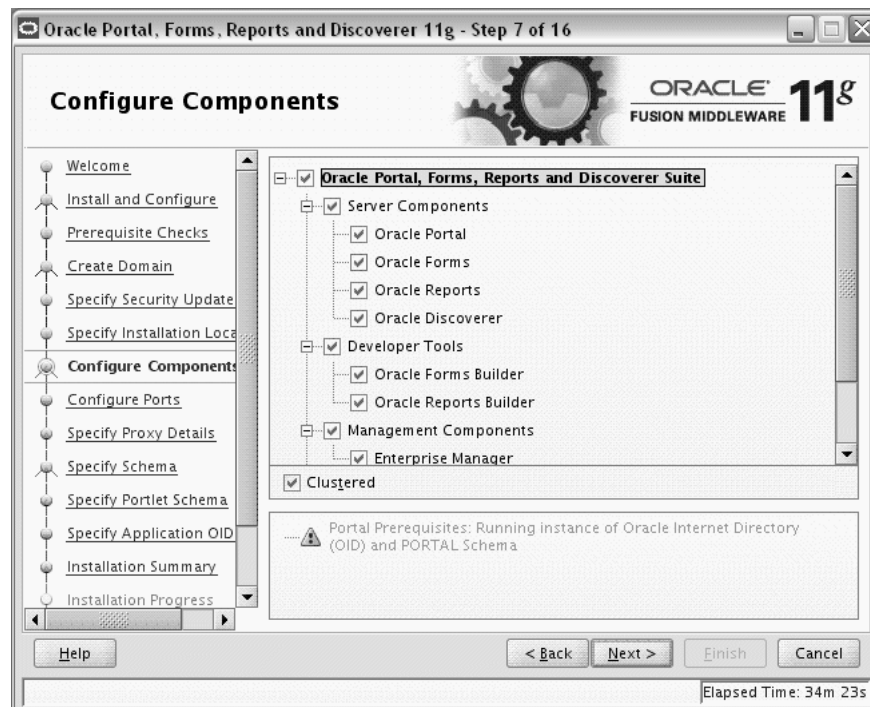
Field	Description
Oracle Middleware Home	<p>The absolute path to the directory where WebLogic Server was installed.</p> <p>If you are installing Oracle Reports on a Windows operating system, make sure the path to your Middleware home directory is not too long. For more information, see Section E.3, "Verifying Environment Variable Lengths for Oracle Reports (Windows Only)".</p>
Oracle Home Directory	<p>The directory name for your Oracle home:</p> <ul style="list-style-type: none"> You can specify a directory that already exists; this must be an empty directory inside the Oracle Middleware home (for example, you have created an empty directory inside the Middleware home in advance of this installation and should specify this directory here). You can specify the name of a new directory that will be created for you inside the Middleware home. <p>Your Oracle home directory where your products will be installed. All software binaries will reside in this directory, and no runtime process can write to this directory.</p>

A.3.9.3 Configuration Tool Option

If you are running the Configuration Tool from the `ORACLE_HOME/bin` (on UNIX operating systems) or `ORACLE_HOME\bin` (on Windows operating systems) directory, specify the installation locations described in the following table:

Field	Description
WebLogic Server Location	The directory name for your WebLogic Server home. This directory will automatically be created inside the Middleware home. The default name for this directory is <code>wlserver_10.3</code> .
Oracle Instance Location	The absolute path to the directory where your Oracle Instance will reside. This is where application configuration files reside and where the application process runs from. Runtime components write only to this location. By default, this directory will be created inside the Middleware home but you can choose any location on your system.
Oracle Instance Name	Specify the unique name of your Oracle Instance. The Oracle Instance name may only contain alphanumeric and underscore (<code>_</code>) characters, it must begin with an alphabetic (a-z or A-Z) character, and must be 4 to 30 characters in length.

A.3.10 Configure Components



This screen shows the products and components that are available for configuration. What appears on this screen depends on what you selected on the Select Domain:

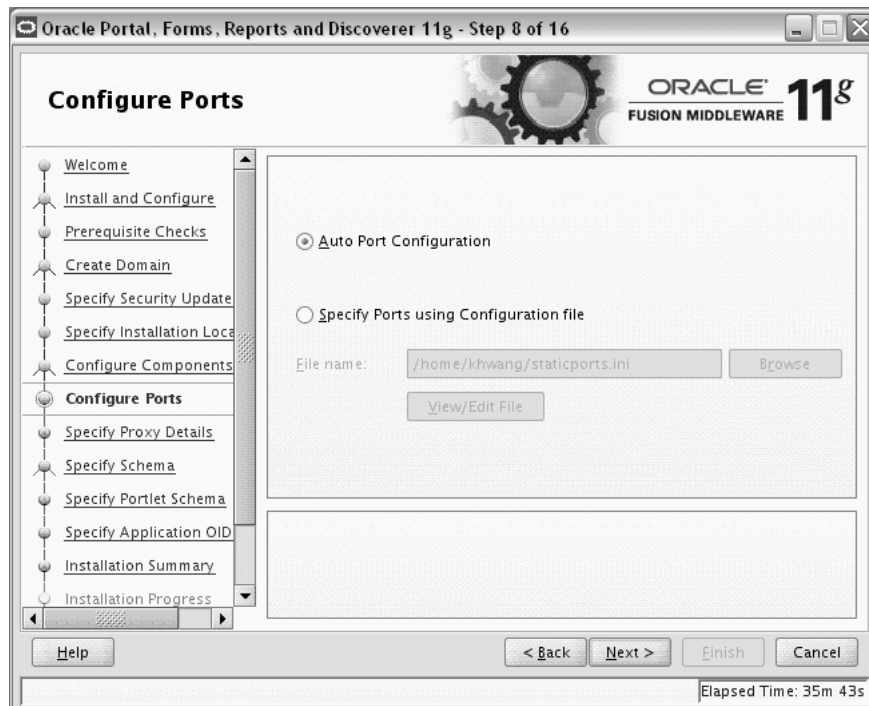
- If you selected **Create Domain** on the Select Domain, all components in the Oracle Portal, Forms, Reports, and Discoverer suite of products will appear on this screen.

- If you selected **Extend Domain** on the Select Domain, only those components that do not already exist in the domain will be available on this screen, in order for you to add functionality and services to your existing domain.
- If you selected **Expand Cluster** on the Select Domain, only those components that already exist in the domain will be available on this screen, in order for you to perform your replication for high availability.

Select the component(s) you want to configure. Notice in the bottom pane that there is prerequisite information depending on which component(s) you select. Be sure you read this information carefully before you continue.

Oracle recommends selecting **Clustered** for all installations; if you do not and the installation is completed, you will not be able to expand your domain. Any servers created in an un-clustered environment will not have the ability to be managed from Oracle Enterprise Manager.

A.3.11 Configure Ports



Select **Auto Port Configuration** if you want the installer to automatically assign the default ports to the components. For a list of default port numbers, refer to *Oracle Fusion Middleware Administrator's Guide*.

Select **Specify Ports Using Configuration File** if you have already created a port configuration file that specifies the port numbers that you want to use for each component. Enter the full path and filename of this file in the **Filename** field, or click **Browse** to locate an existing file on your system.

A default file called `staticports.ini` is provided in the `Disk1/stage/Response` directory on the CD-ROM. You can use this file as a template to create your own custom ports file.

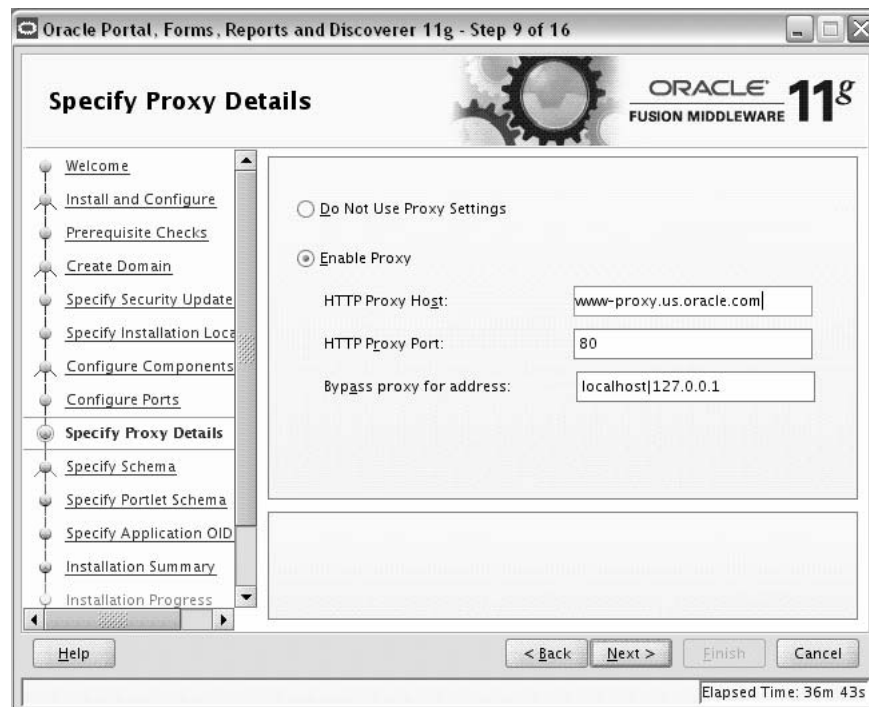
Note: If you choose to use the `staticports.ini` file provided in the `Disk1` directory, all of the port values are commented out with a hash sign (#). You must uncomment (remove the hash sign) for any port values you want to use in the file.

Note: If you choose to use the `staticports.ini` (or any custom port file), port numbers less than 1024 will not be validated by the installer. You will, however, be able to proceed with the installation.

See "Port Numbers" in *Oracle Fusion Middleware Administrator's Guide* for more information.

After providing the location and name of a valid file, click **View/Edit File** to view or edit the contents of the file.

A.3.12 Specify Proxy Details



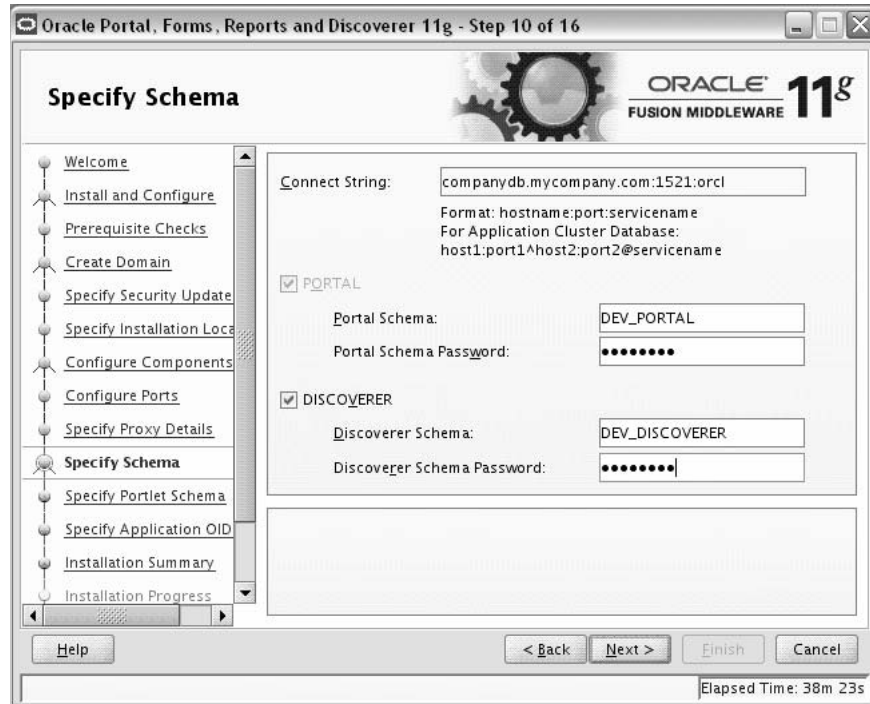
This screen is only visible if **Oracle Reports** was selected on the Configure Components screen.

If your computer is located behind a firewall you may need to route outgoing HTTP connections through a proxy server. If you have a direct connection to the Internet or if you do not wish to configure a proxy server at this time, select **Do Not Use Proxy Settings**.

If you are configuring a proxy server, select **Enable Proxy** and provide the information described in the following table:

Field Name	Description
HTTP Proxy Host	Enter the host name of your proxy server.
HTTP Proxy Port	Enter the port number of your proxy server.
Bypass proxy for address	Enter addresses for which the proxy server should be bypassed. Use commas (,) to separate multiple entries. Domains may be listed using asterisk (*). For example: *.us.oracle.com, *.in.oracle.com

A.3.13 Specify Schema



Provide the database connection details and schema information for Oracle Portal and Oracle Discoverer, whichever was selected on the Configure Components screen.

In the Connect String field, specify the connection credentials to your database in the following format:

hostname:port:servicename

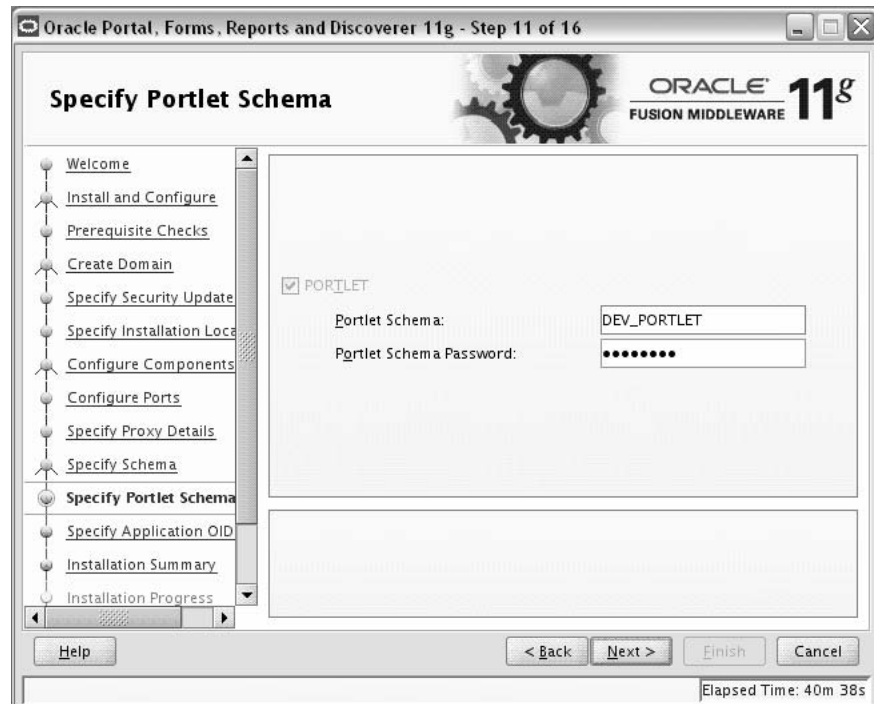
If you are configuring Oracle Portal, supply the Portal schema name and password that was used to create the PORTAL schema using Repository Creation Utility (RCU):

- Portal Schema
Specify the name of your Oracle Portal schema. Use the format *prefix_PORTAL*.
- Portal Schema Password
Specify the password for your Oracle Portal schema.

If you are configuring Oracle Discoverer, supply the Discoverer schema name and password that was used to create the DISCOVERER schema using Repository Creation Utility (RCU):

- Discoverer Schema
Specify the name of your Oracle Discoverer schema. Use the format *prefix_DISCOVERER*.
- Discoverer Schema Password
Specify the password for your Oracle Discoverer schema.

A.3.14 Specify Portlet Schema



This screen is only visible if **Oracle Portal** was selected on the Configure Components screen, and your database contains 11g Release 1 (11.1.1) schemas. If your database contains schema from 10g Release 2 (10.1.2) or earlier, you will not see this screen.

Supply the Portlet schema name and password that was used to create the PORTLET schema using Repository Creation Utility (RCU):

- Portlet Schema
Specify the name of your Oracle Portlet schema. Use the format *prefix_PORTLET*.
- Portlet Schema Password
Specify the password for your Oracle Portlet schema.

A.3.15 Specify Application OID



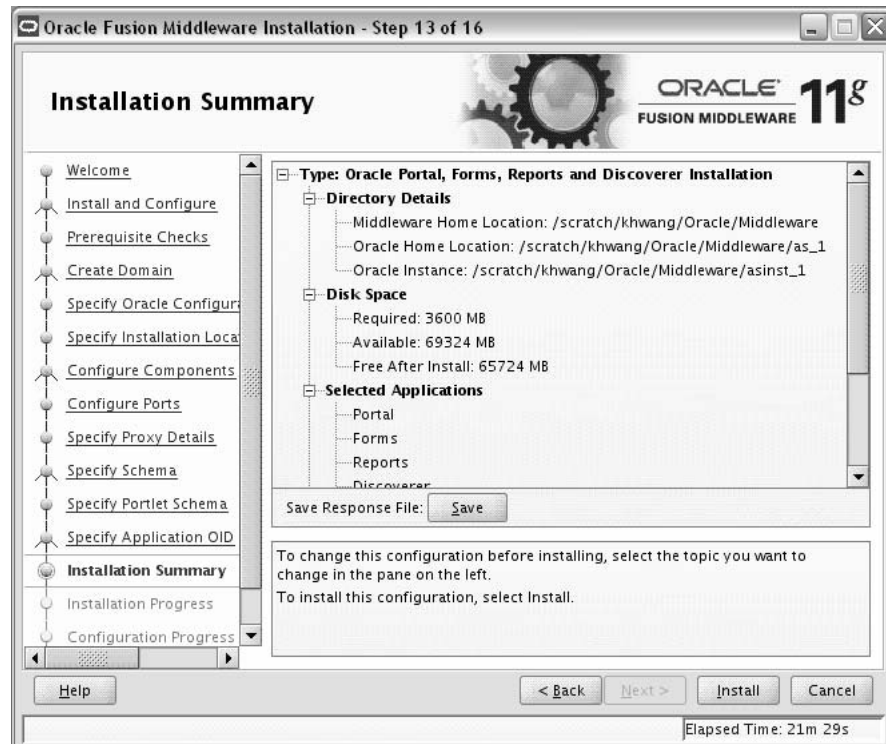
If you selected **Oracle Portal** on the Configure Components screen, you must provide credentials to connect to an Internet Directory server that is up and running. Specify the following credentials:

Field	Description
Hostname	Enter the host name of your Oracle Internet Directory server.
Port	Enter the port number of your Oracle Internet Directory server. If you do not know the port number, you can run the <code>netstat -an</code> command from the command line to see the port numbers currently being used.
User Name	Enter an existing Oracle Internet Directory user name with superuser privileges. The default user name is <code>cn=orcladmin</code> .
Password	Enter the Oracle Internet Directory user password.

If you did not select **Oracle Portal** on the Configure Components screen, and you want to configure your component to use an existing Internet Directory server, select **Use Application Level Identity Store** and enter the credentials to connect to the server.

Select **Configure the LDAP Server in secure mode** to configure the LDAP server in secure mode. Be sure to specify the secure port number in the Port field if you select this option.

A.3.16 Installation Summary



This screen summarizes the selections you have made during this installation session. It includes the following information:

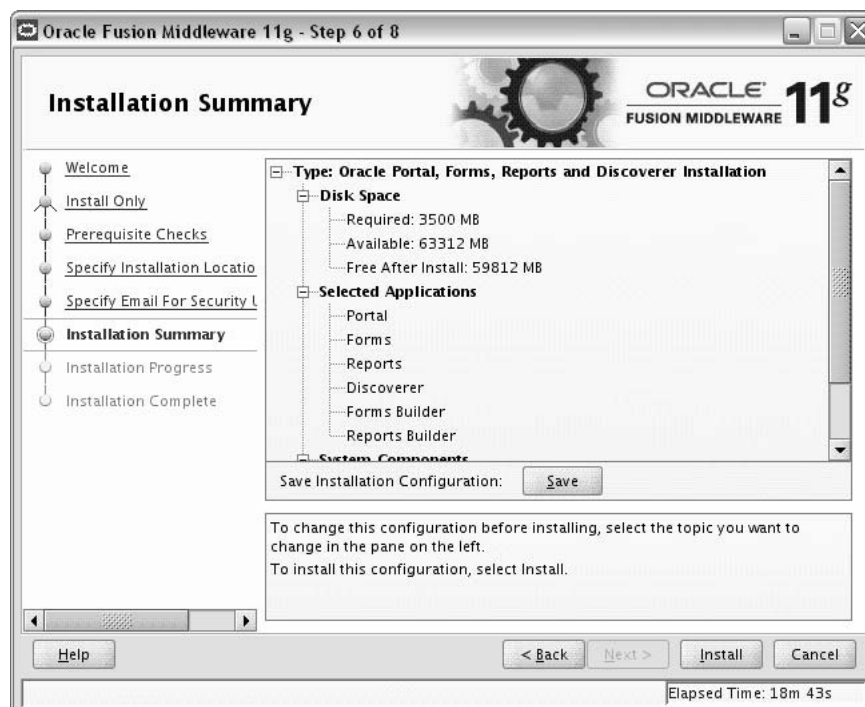
- The location of your installation.
- How much disk space will be used for the installation.
- The applications you have selected for installation.

Review information on this screen carefully, and take one of the following actions:

- If you want to make any changes to the configuration before starting the installation, use the navigation pane to select the Installer screen you want to return to and edit.
- If you are satisfied with the information, click **Install** to begin the installation procedure.
- If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same installation from the command line.

For more information about silent installation, see Appendix E, "Silent Installation and Deinstallation".

A.3.17 Installation Summary (Install Only Option)



This screen summarizes the selections you have made during this installation session. It includes the following information:

- The location of your installation.
- How much disk space will be used for the installation.
- The applications you have selected for installation.

Review information on this screen carefully, and take one of the following actions:

- If you want to make any changes to the configuration before starting the installation, use the navigation pane to select the Installer screen you want to return to and edit.
- If you are satisfied with the information, click **Install** to begin the installation procedure.
- If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same installation from the command line.

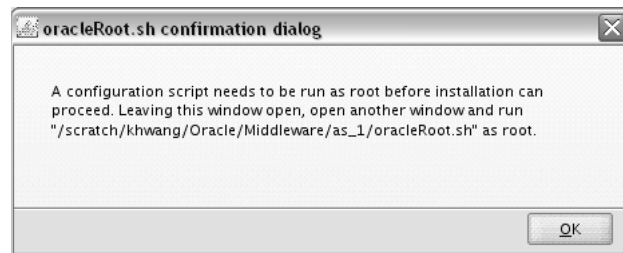
For more information about silent installation, see Appendix E, "Silent Installation and Deinstallation".

A.3.18 Installation Progress



This screen shows you the progress of the installation.

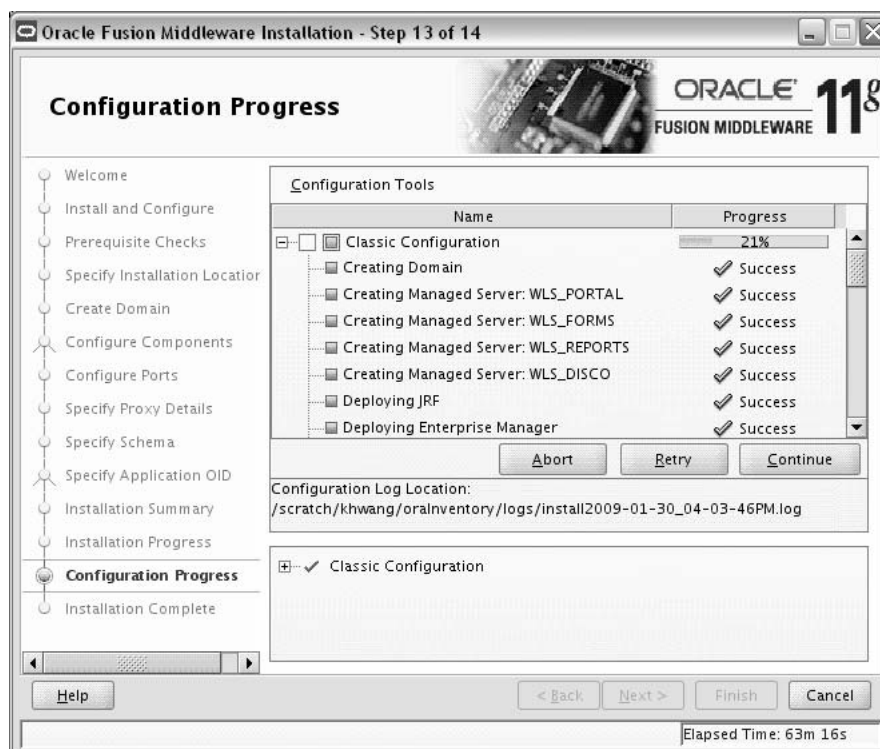
If you are installing on a UNIX system, you may be asked to run the `ORACLE_HOME/oracleRoot.sh` script as root user before the installation is completed:



This script sets up the proper permissions for the files and directories being installed.

If you want to quit before the installation is completed, click **Cancel**. Doing so will result in a partial installation; the portion of the software that was installed on your system before you click **Cancel** will remain on your system, and you will have to remove it manually.

A.3.19 Configuration Progress



This screen shows you the progress of the component configuration.

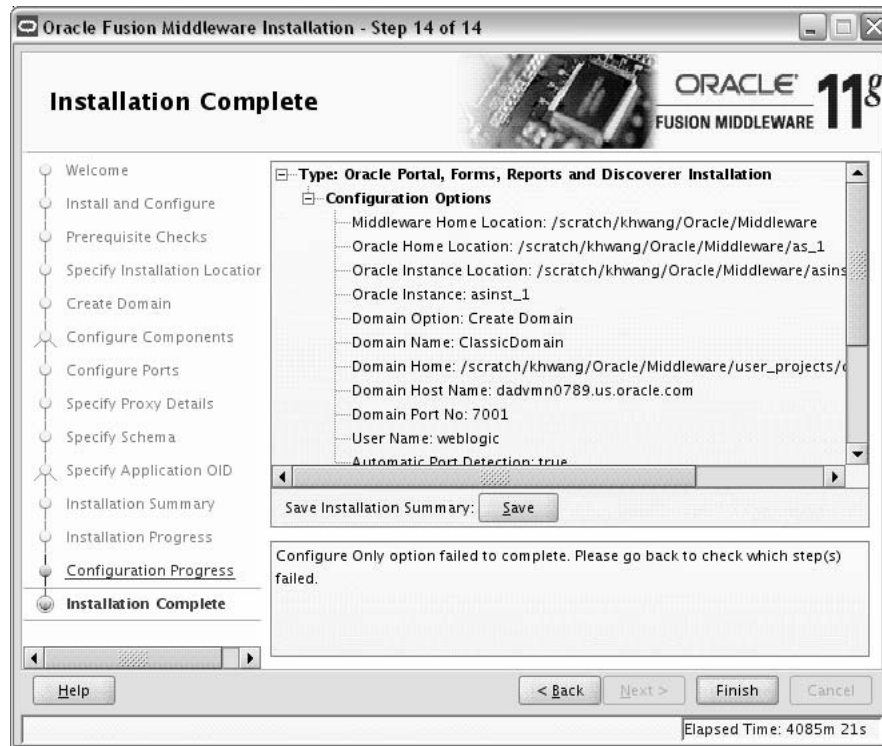
If there is a problem, a short error message appears in the bottom portion of the screen. Fix the error and click **Retry** to try again.

If you want to ignore the error and warning messages and continue with the installation, click **Continue**.

Click **Abort** to stop prerequisite checking for all components.

If you want to quit before the installation is completed, click **Cancel**.

A.3.20 Installation Complete



This screen summarizes the installation that was just completed.

The end of the summary information on this screen contains the various URLs to access the Administration Console as well as your installed products. You should write these URLs down so you can access your products later.

Note: This summary information does not appear on the Installation Complete screen if you chose **Install Software - Do Not Configure** on the Select Installation Type screen.

Or, you can click **Save** to save your configuration information to a file. This information includes port numbers, installation directories, disk space usage, URLs, and component names which you may need at a later time.

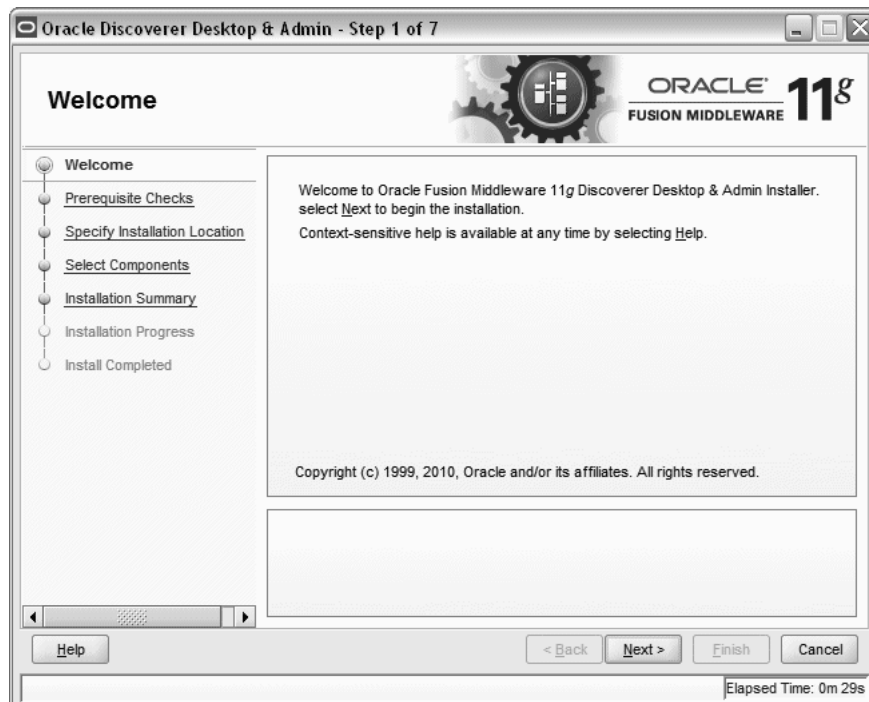
Click **Finish** to dismiss the screen.

Oracle Discoverer Desktop Installation Screens

This appendix contains screenshots and descriptions for all of the Oracle Discoverer Desktop installation screens:

- Welcome
- Prerequisite Checks
- Specify Installation Location
- Select Components
- Installation Summary
- Installation Progress
- Installation Completed

B.1 Welcome



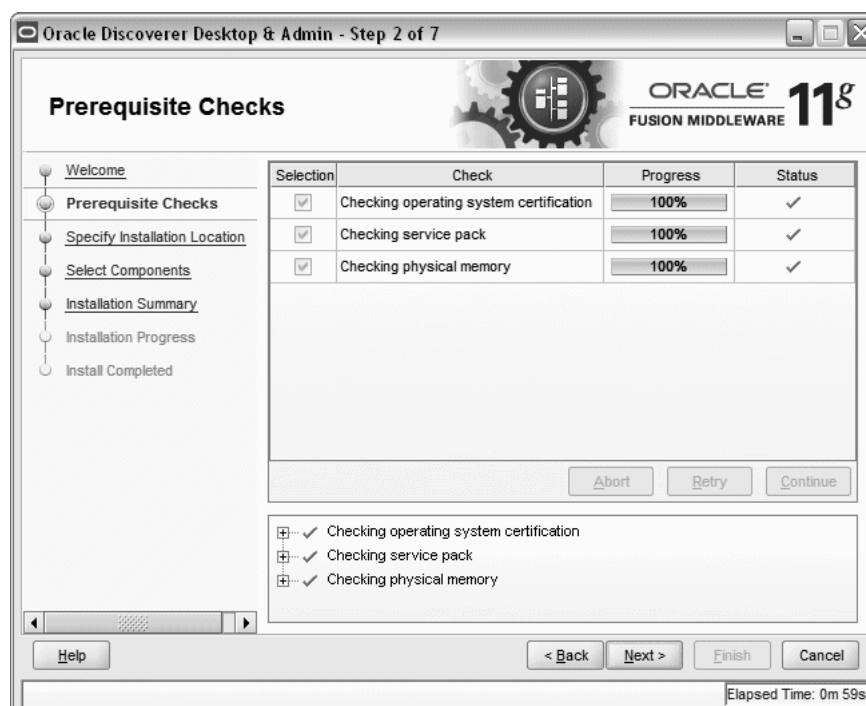
This page introduces you to the Oracle Fusion Middleware installer and provides two important pieces of information:

- A navigation pane on the left that summarizes the tasks the installer will help you complete. Each item in the navigation pane represents a specific installer screen that will prompt you for information required to install the software.
- Information about any prerequisites you might need to perform before continuing with the installation.

Review the information on this screen carefully to be sure you have performed all the necessary prerequisites.

If you are not sure about any of the prerequisite tasks, refer to the *Oracle Fusion Middleware Installation Planning Guide*, as well as the installation guide for the specific Oracle Fusion Middleware software you are about to install.

B.2 Prerequisite Checks



This screen analyzes the host computer to ensure that specific operating system prerequisites have been met.

If any of the prerequisite checks fail, then a short error message appears in the bottom portion of the screen. Fix the error and click **Retry** to try again. If you want to ignore the error or warning messages and continue with the installation, click **Continue**.

Click **Abort** to stop prerequisite checking for all components.

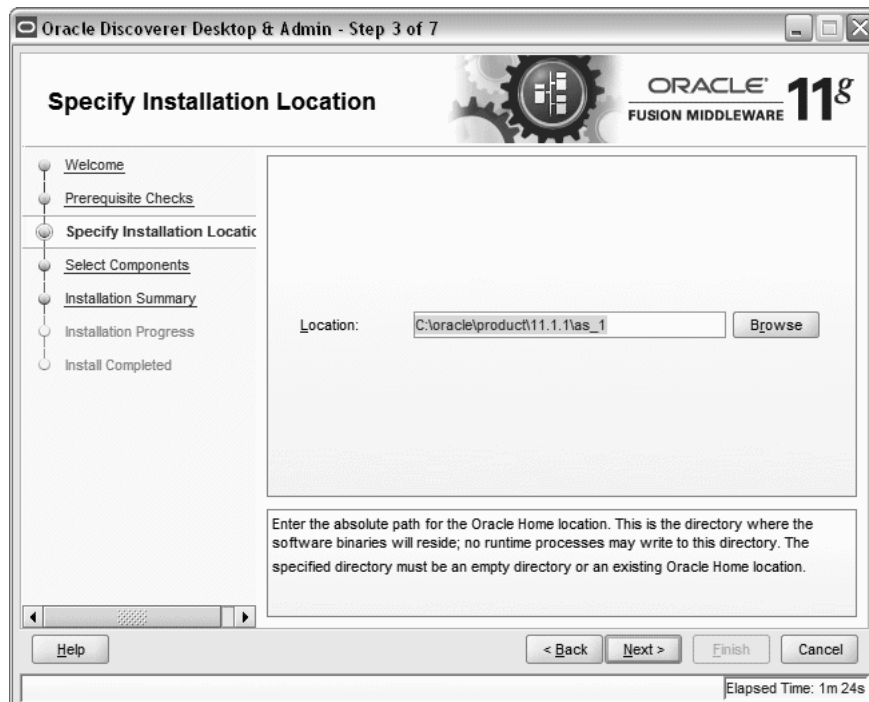
More About System Requirements and Prerequisites

Note that before performing any installation you should read the system requirements and certification documentation to ensure that your environment meets the minimum installation requirements for the products you are installing. Both of these documents are available on Oracle Technology Network (OTN).

The *Oracle Fusion Middleware System Requirements and Specifications* document covers information such as hardware and software requirements, minimum disk space and memory requirements, and required system libraries, packages, or patches.

The Oracle Fusion Middleware certification document for this release can be found on the Oracle Fusion Middleware Supported System Configurations page. This document covers supported installation types, platforms, operating systems, databases, JDKs, and third-party products.

B.3 Specify Installation Location



Specify the location where you want to install the software. This is your Oracle home directory. All software binaries will reside in this directory, and no runtime process can write to this directory.

- If you specify an existing directory, make sure the directory is empty.
- If you specify a new directory, the installer will create the directory for you.

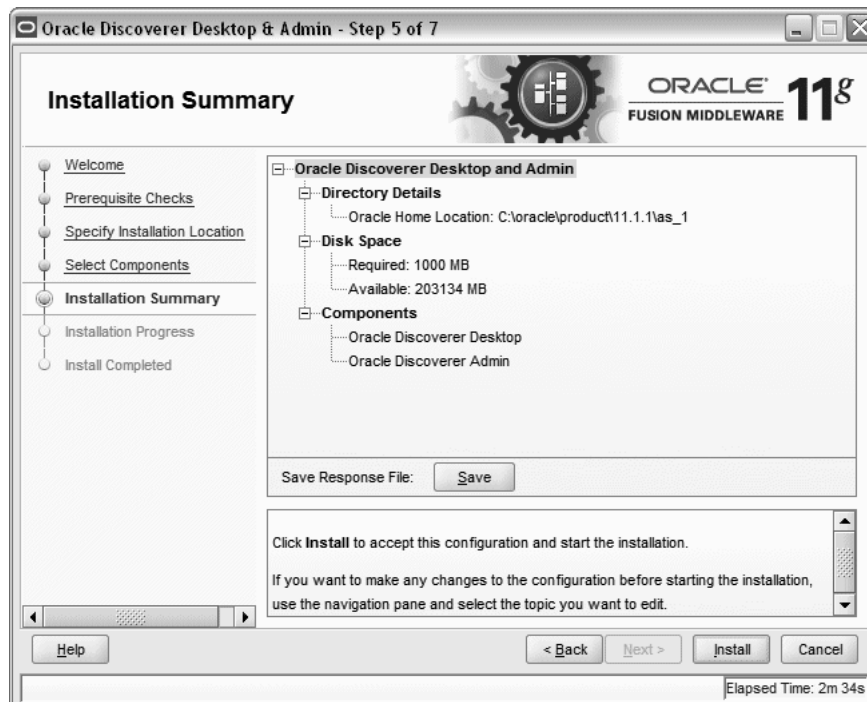
Make sure that your directory paths are valid and do not contain double backslashes (\\).

B.4 Select Components



Select the components you want to install.

B.5 Installation Summary



Review the information on this screen, and click **Install** to begin the installation. The operations summarized on this page will be performed when you click **Install**.

If you want to make any changes to the configuration before starting the installation, use the navigation pane and select the topic you want to edit.

If you want to save this configuration to a text file, click **Save**. This file can be used later if you choose to perform the same installation from the command line. See Appendix E, "Silent Installation and Deinstallation" for more information.

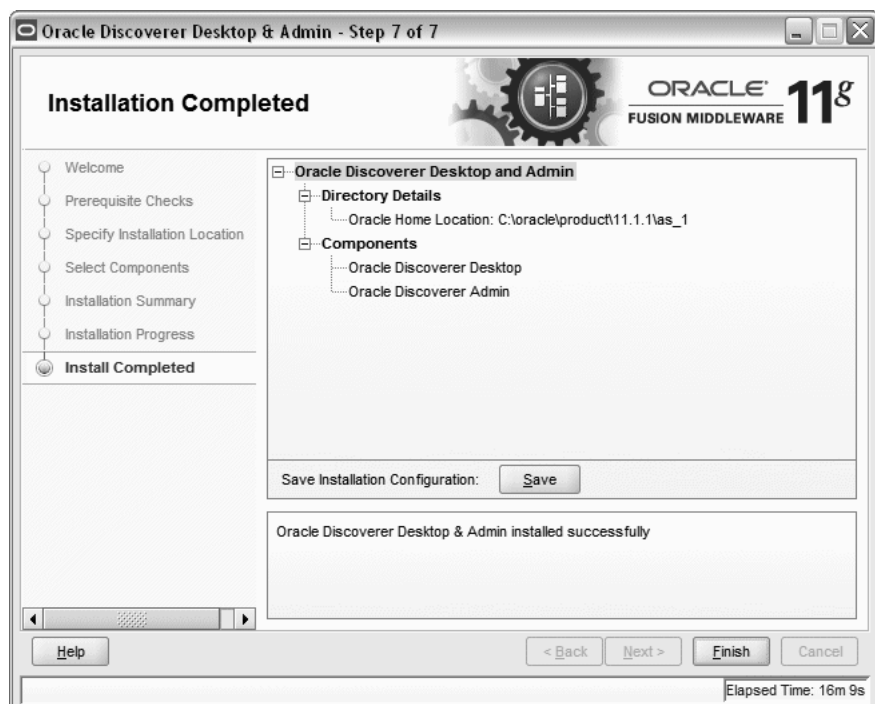
B.6 Installation Progress



This screen shows you the progress of the installation.

If you want to quit before the installation is completed, click **Cancel**. Doing so will result in a partial installation; the portion of the software that was installed on your system before you click **Cancel** will remain on your system, and you will have to remove it manually.

B.7 Installation Completed



This screen summarizes the installation that was just completed.

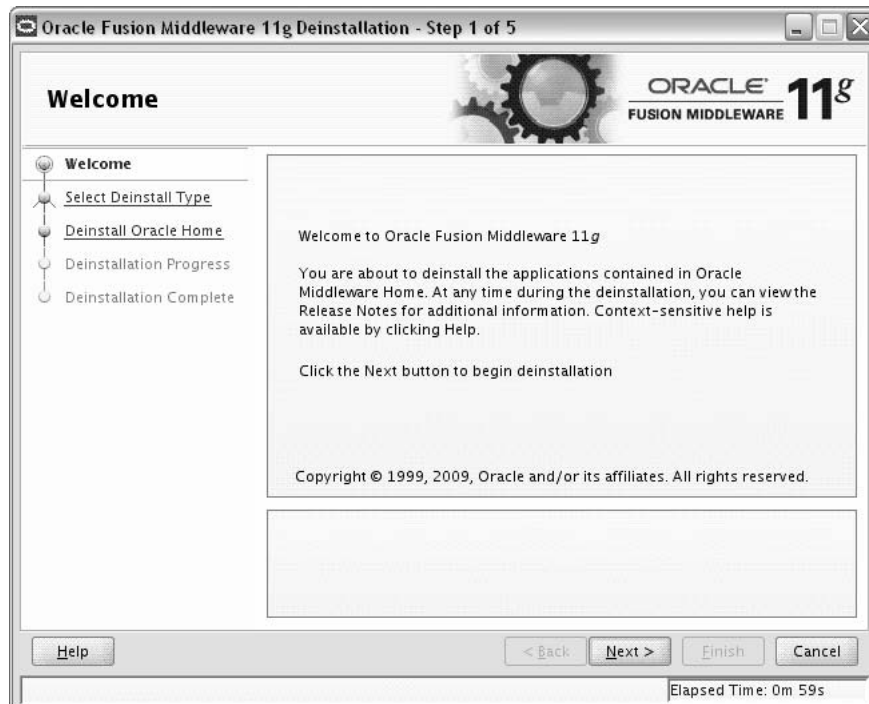
If you want to save this summary information to a text file for future reference, click **Save**.

Oracle Portal, Forms, Reports and Discoverer Deinstallation Screens

This appendix contains screenshots and descriptions for all of the Oracle Portal, Forms, Reports and Discoverer deinstallation screens:

- Welcome
- Select Deinstallation Type
- Deinstall Oracle Home
- Specify WebLogic Domain Detail
- Select Managed Instance
- Specify Instance Location
- Deinstallation Summary (Managed Instance)
- Deinstallation Summary (Unmanaged Instance)
- Deinstallation Progress
- Deinstallation Complete

C.1 Welcome



The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.

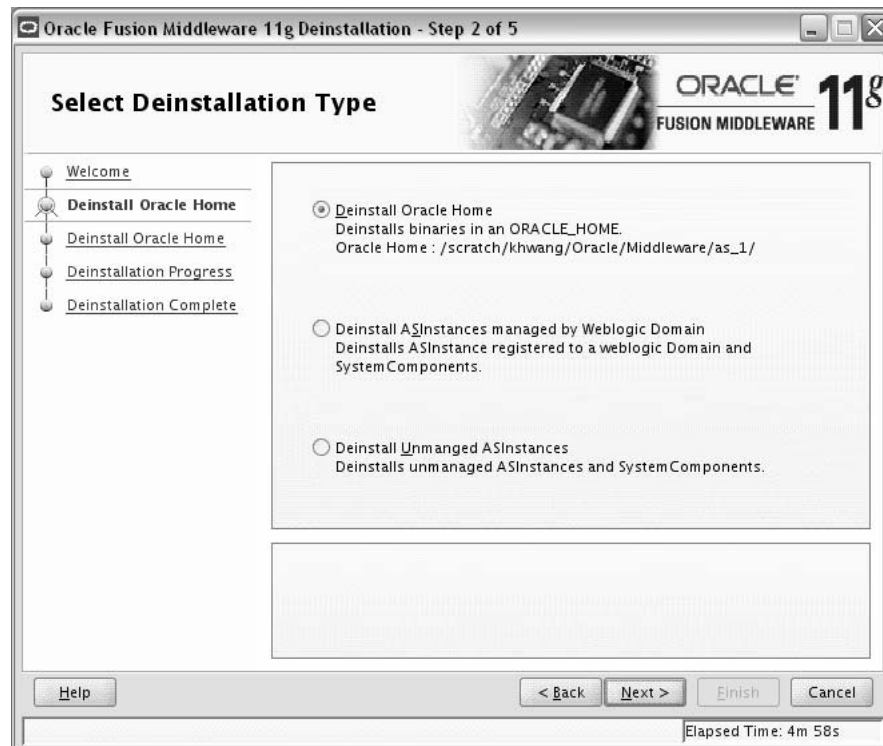
When you use the installer to deinstall your Oracle Fusion Middleware software, the installer removes the software files in the selected Oracle home from disk, updates the Oracle inventory, and performs other operating-specific tasks to remove the components.

Like the Welcome screen that appears when you are about to install a product, the deinstallation Welcome screen contains a navigation pane on the left that summarizes the tasks the installer will help you complete.

Each item in the navigation pane represents a specific installer screen that will prompt you for information required to install the software.

For complete information about deinstalling your Oracle Fusion Middleware software, refer to the deinstallation information in the Installation guide for your software suite.

C.2 Select Deinstallation Type

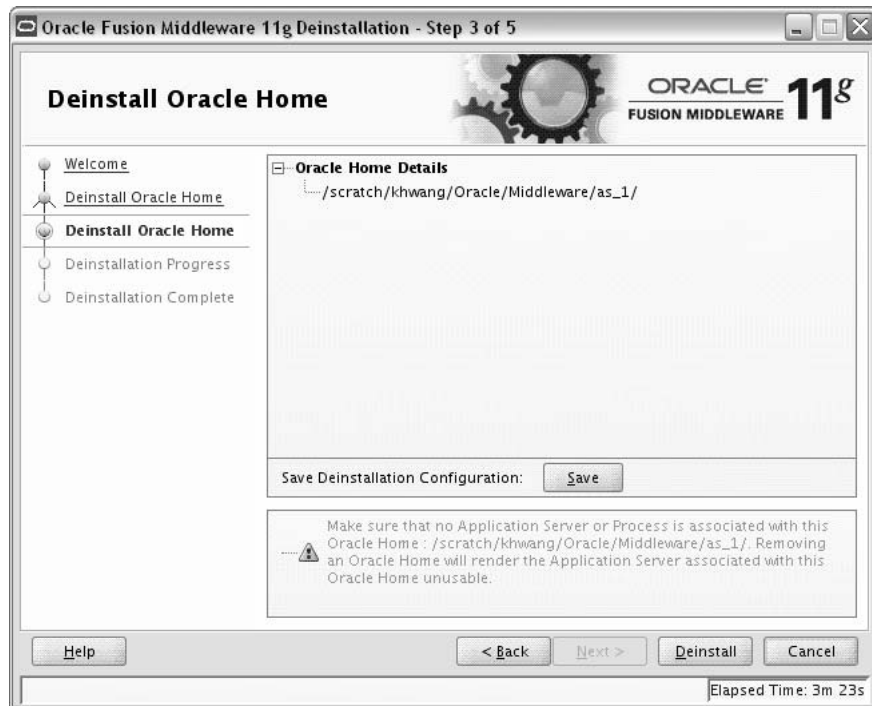


Use this screen to select the type of deinstallation you want to perform.

The following table describes the options on this screen:

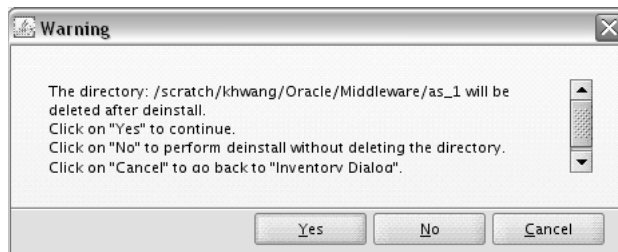
Option	Description
Deinstall Oracle Home	Select this option to deinstall all binaries in the specified Oracle Home directory (the directory from which you started the deinstaller).
Deinstall ASInstances managed by WebLogic Domain	Select this option to deinstall a specific Oracle Instance and its system components that are registered to a WebLogic Domain.
Deinstall Unmanaged ASInstances	Select this option to deinstall all unmanaged Oracle Instances and their system components.

C.3 Deinstall Oracle Home



Use this screen to verify that you have selected the Oracle home that you want to deinstall.

When you click **Deinstall**, then the installer will begin the process of deinstalling the Oracle home shown on this screen, and the following screen will appear:



Click **Yes** to remove the software and the Oracle home directory from which the deinstaller was started. Click **No** to remove the software but do not remove the Oracle home directory. Click **Cancel** to return to the previous screen.

Note: Before you click **Deinstall**, ensure that all processes associated with the selected Oracle home have been stopped.

If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same deinstallation procedure from the command line.

See Appendix E, "Silent Installation and Deinstallation" for more information.

C.4 Specify WebLogic Domain Detail

Use this screen to specify the WebLogic Domain credentials for your managed instances, as described in the following table:

Field	Description
Domain Host Name	Specify the name of the system on which your WebLogic domain resides.
Domain Port No	Specify the Administration Server port number. The default port number is 7001.
User Name	Specify the Administration Server user name.
Password	Specify the password for the user.

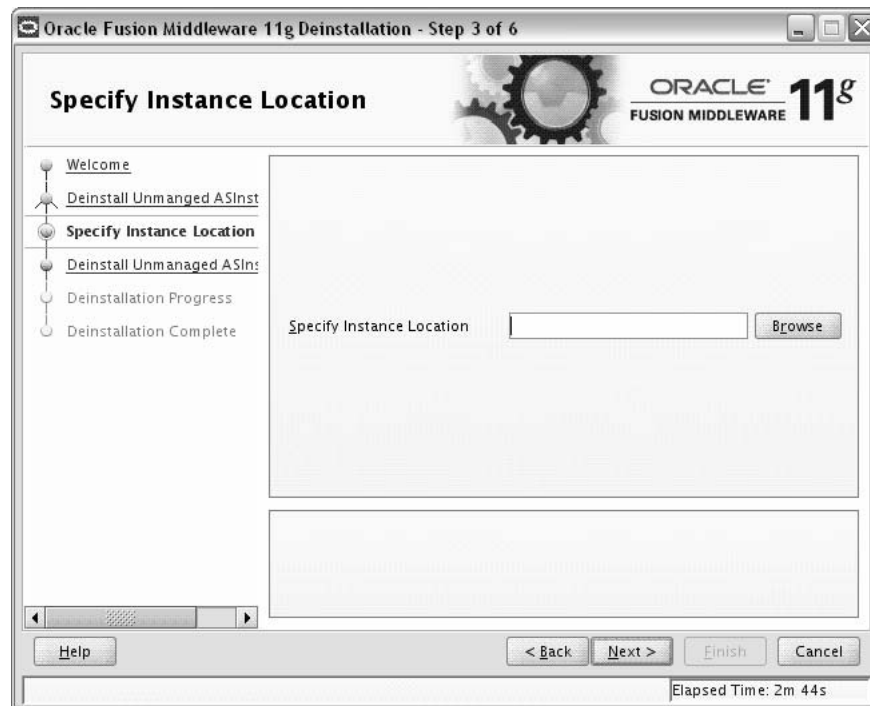
C.5 Select Managed Instance



Use this screen to select the managed instance you want to deinstall. Select **LocalHost** if you have multiple managed instances on your system and you want to select all instances.

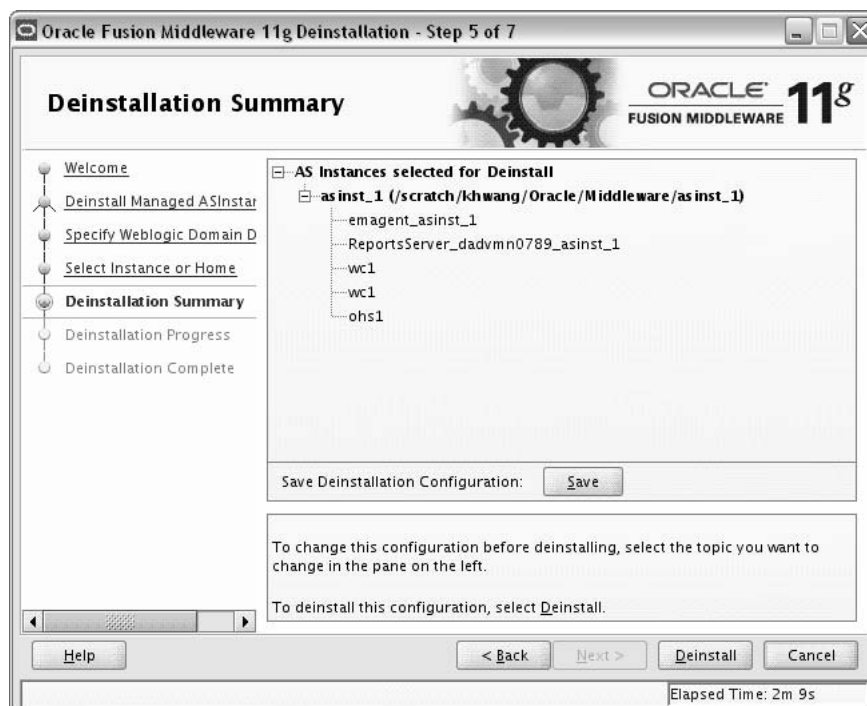
Note: Your instances must be up and running before they can be deinstalled.

C.6 Specify Instance Location



Use this screen to specify the full path to your Oracle Instance directory. If you are unsure, click **Browse** to find this directory on your system.

C.7 Deinstallation Summary (Managed Instance)



This screen shows you the instance(s) you are about to deinstall.

If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same deinstallation procedure from the command line.

See Appendix E, "Silent Installation and Deinstallation" for more information.

C.8 Deinstallation Summary (Unmanaged Instance)

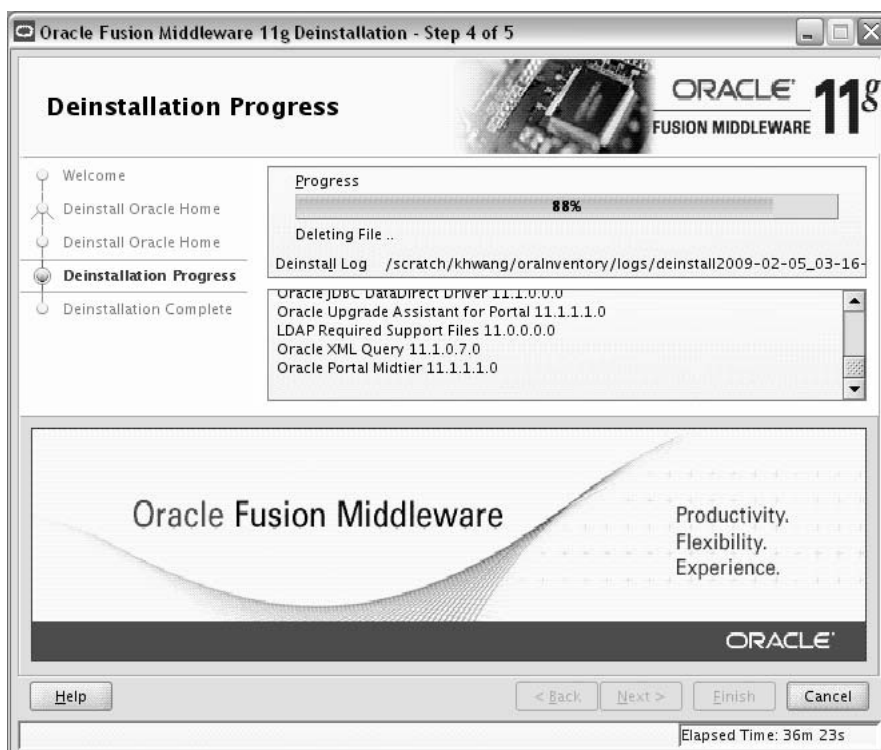


This screen shows you the instance(s) you are about to deinstall.

If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same deinstallation procedure from the command line.

See Appendix E, "Silent Installation and Deinstallation" for more information.

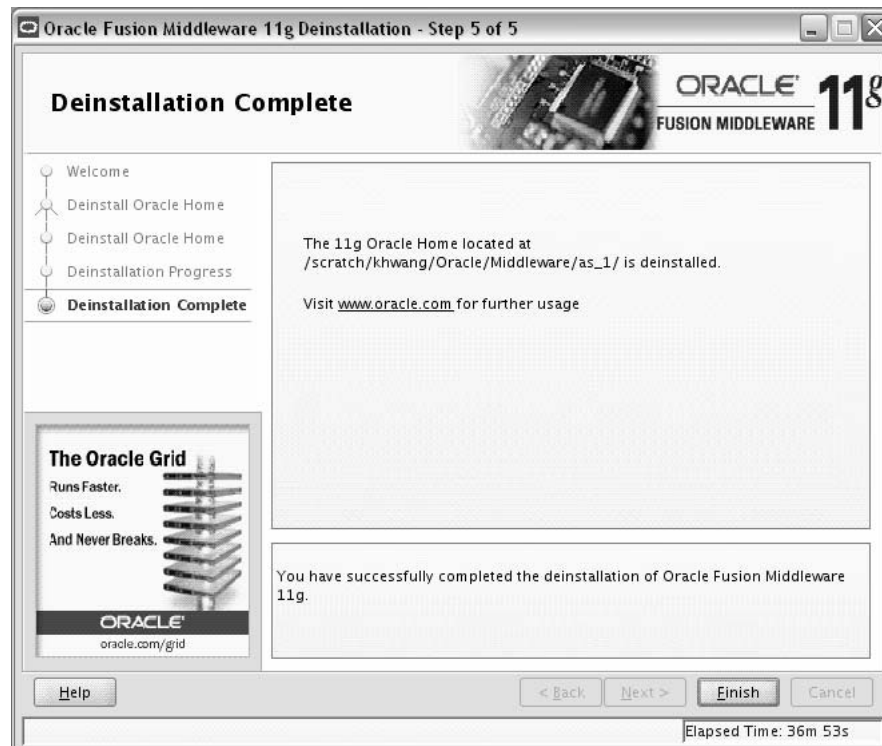
C.9 Deinstallation Progress



Use this screen to monitor the progress of the deinstallation process.

Click **Cancel** to stop the deinstallation process.

C.10 Deinstallation Complete



This screen summarizes the deinstallation that was just completed. When this screen appears, it indicates that the deinstallation is complete and the selected components have been cleared from the Oracle Inventory.

Oracle Discoverer Desktop Deinstallation Screens

This appendix contains screenshots and descriptions for all of the Oracle Discoverer Desktop deinstallation screens:

- Welcome
- Deinstall Oracle Home
- Deinstallation Progress
- Deinstallation Complete

D.1 Welcome



The installer displays this screen when you are about to deinstall one or more Oracle Fusion Middleware software components.

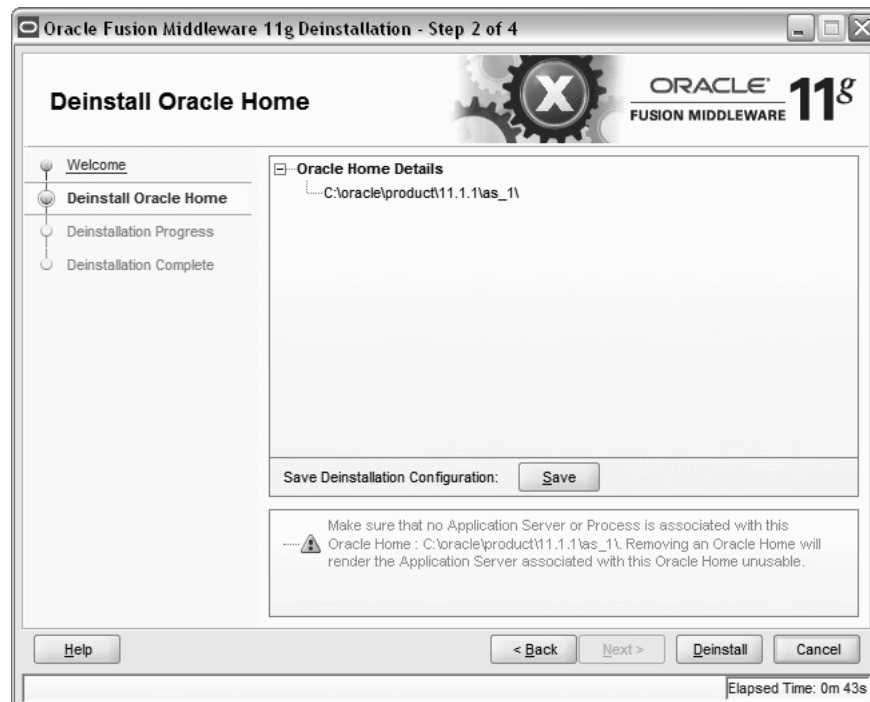
When you use the installer to deinstall your Oracle Fusion Middleware software, the installer removes the software files in the selected Oracle home from disk, updates the Oracle inventory, and performs other operating-specific tasks to remove the components.

Like the Welcome screen that appears when you are about to install a product, the deinstallation Welcome screen contains a navigation pane on the left that summarizes the tasks the installer will help you complete.

Each item in the navigation pane represents a specific installer screen that will prompt you for information required to install the software.

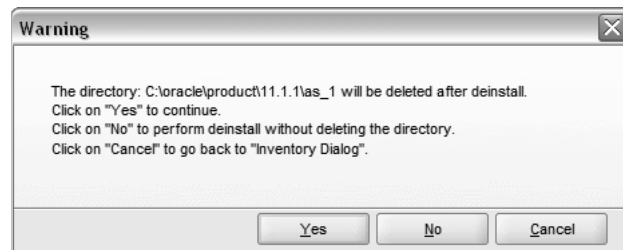
For complete information about deinstalling your Oracle Fusion Middleware software, refer to the deinstallation information in the Installation guide for your software suite.

D.2 Deinstall Oracle Home



Use this screen to verify that you have selected the Oracle home that you want to deinstall.

When you click **Deinstall**, then the installer will begin the process of deinstalling the Oracle home shown on this screen, and the following screen will appear:



Click **Yes** to remove the software and the Oracle home directory from which the deinstaller was started. Click **No** to remove the software but do not remove the Oracle home directory. Click **Cancel** to return to the previous screen.

Note: Before you click **Deinstall**, ensure that all processes associated with the selected Oracle home have been stopped.

If you want to save this configuration to a text file (called a response file), click **Save**. The resulting response file can be used later if you choose to perform the same deinstallation procedure from the command line.

See Appendix E, "Silent Installation and Deinstallation" for more information.

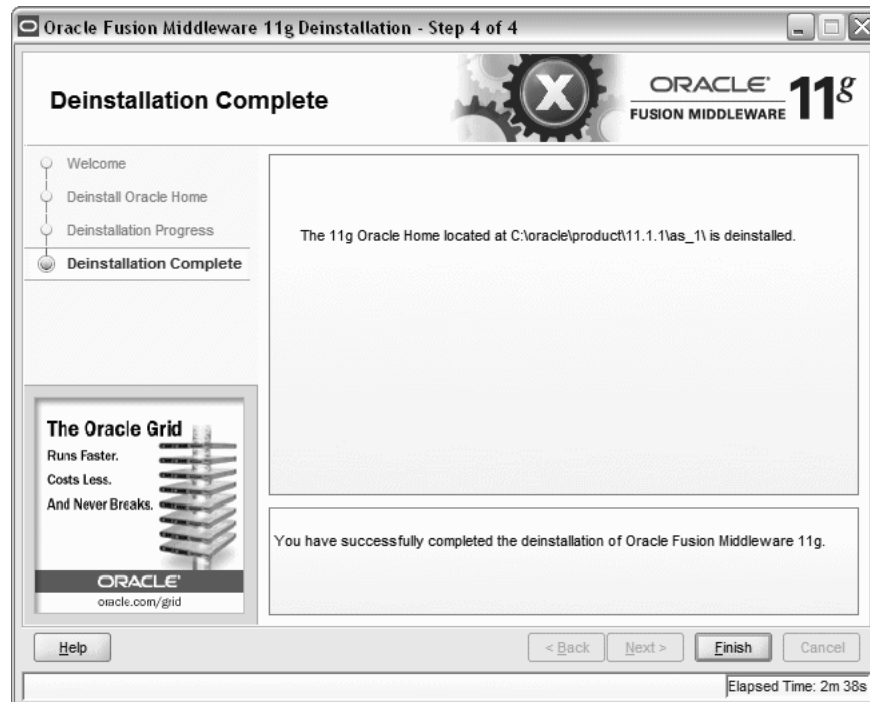
D.3 Deinstallation Progress



Use this screen to monitor the progress of the deinstallation process.

Click **Cancel** to stop the desinstallation process.

D.4 Deinstallation Complete



This screen summarizes the deinstallation that was just completed. When this screen appears, it indicates that the deinstallation is complete and the selected components have been cleared from the Oracle Inventory.

Silent Installation and Deinstallation

This appendix describes how to install and deinstall Oracle Portal, Forms, Reports and Discoverer from the command line in silent mode. This appendix contains the following topics:

- Section E.1, "About Silent Installation and Deinstallation"
- Section E.2, "Oracle Portal, Forms, Reports and Discoverer Response Files"

E.1 About Silent Installation and Deinstallation

For information about silent installation and deinstallation, refer to "Silent Installation and Deinstallation" in *Oracle Fusion Middleware Installation Planning Guide*.

E.2 Oracle Portal, Forms, Reports and Discoverer Response Files

Before doing a silent installation, you must provide information specific to your installation in a response file. The installer will fail if you attempt an installation using a response file that is not configured correctly. Response files are text files that you can create or edit in a text editor.

Oracle recommends creating your response file by first running the install GUI, then clicking **Save** on the Installation Summary. You will be prompted for a name and location where you want to create this response file. After it is created, you can use it exactly as-is to replicate the installation on other systems, or modify it as needed.

This section contains the following:

- Silent Installation Response Files
- Patch Set Installer Response Files
- Silent Deinstallation Response Files

E.2.1 Silent Installation Response Files

Table E-1 lists the installation response files provided in the `Disk1/stage/Response` (on UNIX operating systems) or `Disk1\stage\Response` (on Windows operating systems) directory on the installation CD-ROM:

Table E-1 Oracle Portal, Forms, Reports and Discoverer Installation and Configuration Response File Templates

Template	Description
configure_only.rsp	<p>This is the template response file that should be used if you have already installed the software on your system, and now need to configure the products to either create or extend a domain.</p> <p>The equivalent using the GUI would be to run the <code>config.sh</code> (on UNIX operating systems) or <code>config.bat</code> (on Windows operating systems) script from the <code>ORACLE_HOME/bin</code> (on UNIX operating systems) or <code>ORACLE_HOME\bin</code> (on Windows operating systems) directory.</p> <p>See Section E.2.1.1, "Contents of the <code>configure_only.rsp</code> File" to view the contents of this file.</p>
install_only.rsp	<p>This is the template response file that should be used if you only want to install the software on your system.</p> <p>The equivalent using the GUI would be selecting Install Software - Do Not Configure option on the Select Installation Type.</p> <p>See Section E.2.1.2, "Contents of the <code>install_only.rsp</code> File" to view the contents of this file.</p>
install_and_configure.rsp	<p>This is the template response file that should be used if you want to install and configure the software on your system.</p> <p>The equivalent using the GUI would be selecting Install and Configure option on the Select Installation Type.</p> <p>See Section E.2.1.3, "Contents of the <code>install_and_configure.rsp</code> File" to view the contents of this file.</p>

E.2.1.1 Contents of the `configure_only.rsp` File

This section shows the contents of the `Disk1/stage/Response/configure_only.rsp` response file on a UNIX operating system:

```
[ENGINE]

#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0

[GENERIC]

#Set this to true if you want to create a new domain, all other required variables
need to be provided. If this is set to true then variables "EXTEND_DOMAIN" and
"EXPAND_CLUSTER" must be set to false, since the variables are mutually exclusive.
CREATE_DOMAIN=true

#Set this to true if you want to extend an already existing domain, all other
required variables need to be provided. If this is set to true then variables
"CREATE_DOMAIN" and "EXPAND_CLUSTER" must be set to false, since the variables are
mutually exclusive.
EXTEND_DOMAIN=false

#Set this to true if you want to expand a cluster in an already existing domain,
all other required variables need to be provided. If this is set to true then
variables "CREATE_DOMAIN" and "EXTEND_DOMAIN" must be set to false, since the
variables are mutually exclusive.
EXPAND_CLUSTER=false

#Write the name of the domain you want to create. Domain name may only contain
alphanumeric characters, or the underscore (_) or hyphen (-) characters.
```

```
DOMAIN_NAME=  
  
#Write the name of the host to which you want to connect. It should have an  
already existing domain configured.  
DOMAIN_HOSTNAME=  
  
#Give the port number at which the host should be connected.  
DOMAIN_PORT=  
  
#Give an administrator user name for the domain if you are creating a new one  
otherwise give the administrator user name for the domain configured at the host.  
ADMIN_USER_NAME=weblogic  
  
#Give an administrator password for the domain if you are creating a new one  
otherwise give the administrator password for the domain configured at the host.  
ADMIN_PASSWORD=  
  
#Write the administrator password again to confirm.  
ADMIN_CONFIRM_PASSWORD=  
  
#Provide the My Oracle Support Username. If you wish to ignore Oracle  
Configuration Manager configuration provide empty string for user name.  
MYORACLESUPPORT_USERNAME=  
  
#Provide the My Oracle Support Password  
MYORACLESUPPORT_PASSWORD=  
  
#Set this to true if you wish to decline the security updates. Setting this to  
true and providing empty string for My Oracle Support username will ignore the  
Oracle Configuration Manager configuration  
DECLINE_SECURITY_UPDATES=false  
  
#Set this to true if My Oracle Support Password is specified  
SECURITY_UPDATES_VIA_MYORACLESUPPORT=true  
#Provide the Proxy Host  
PROXY_HOST=  
  
#Provide the Proxy Port  
PROXY_PORT=  
  
#Provide the Proxy Username  
PROXY_USER=  
  
#Provide the Proxy Password  
PROXY_PWD=  
  
#Give the complete path to a valid Middleware Home with WebLogic Server installed.  
MW_HOME=  
  
#Give the complete path to a valid WebLogic Server Home for the corresponding  
Middleware Home entered.  
WL_HOME=  
  
#Give the complete path for an Oracle Home to be created. The Oracle Home  
directory name may only contain alphanumeric , hyphen (-) , dot (.) and underscore  
(_) characters, and it must begin with an alphanumeric character.  
ORACLE_HOME=  
  
#Give the complete path for an Oracle Instance directory to be created. This is  
the location where the software configuration files and runtime processes will
```

```
reside.
INSTANCE_HOME=

#Give a name for Oracle Instance corresponding to the Instance Home. The Oracle
Instance name may only contain alphanumeric and underscore (_) characters, it must
begin with an alphabetic (a-z or A-Z) character, and must be from 4 to 30
characters in length.
INSTANCE_NAME=asinst_1

#Set this to true if you want the configuration wizard to assign the ports
automatically.
AUTOMATIC_PORT_DETECT=true

#Give the location for the file containing the list of static ports if you
manually want to assign ports.
STATICPORT_INI_FILE_LOCATION=

#Set this to true if you do not want to use proxy.
DO_NOT_USE_PROXY_SETTINGS=true

#Set this to true if you do want to use proxy.
ENABLE_PROXY=false

#Give the host name for proxy settings.
PROXY_HOST_NAME=

#Give the port for proxy settings.
PROXY_PORT_NO=

#Give the bypass addresses for proxy settings.
PROXY_BYPASS_ADDRESS=
#Give the connection string to establish a connection to a database.
DATABASE_CONNECTION_STRING=

#Set this to true if you want to register Discoverer Schema, schema name and
password details need to be provided.
REGISTER_DISCOVERER_SCHEMA=true

#Give the Discoverer Schema Name.
DISCOVERER_SCHEMA_NAME=

#Give the Portal Schema Name.
PORTAL_SCHEMA_NAME=

#Give the Discoverer Schema Password.
DISCOVERER_SCHEMA_PASSWORD=

#Give the Portal Schema Password.
PORTAL_SCHEMA_PASSWORD=

#Set this to true if you want to register Portlet Schema, schema name and password
details need to be provided.
REGISTER_PORTLET_SCHEMA=true

#Give the Portlet Schema Name.
PORTLET_SCHEMA_NAME=

#Give the Portlet Schema Password.
PORTLET_SCHEMA_PASSWORD=
```



```
#Set this to true if you want to use Application OID. It has to be true you are
configuring Oracle Portal.
USE_OID=true

#Give the Application OID hostname.
OID_HOST=

#Give the Application OID port.
OID_PORT=

#Give the Application OID user name.
OID_USERNAME=cn=orcladmin

#Give the Application OID password.
OID_PASSWORD=

#Set this to true if you want to use Application OID in SSL mode.
OID_USE_SSL=false

[SYSTEM]

[APPLICATIONS]

[RELATIONSHIPS]
#Set this to true if you want to configure Oracle Portal. "CONFIGURE_WEBCACHE" and
"CONFIGURE_OHS" must also be set to true then as Oracle Portal Configuration is
dependent on them.
CONFIGURE_PORTAL=true

#Set this to true if you want to configure Oracle Forms
CONFIGURE_FORMS=true

#Set this to true if you want to configure Oracle Reports
CONFIGURE_REPORTS=true

#Set this to true if you want to configure Oracle Discoverer. "CONFIGURE_OHS" must
also be set to true then as Oracle Discoverer Configuration is dependent on it.
CONFIGURE_DISCO=true

#Set this to true if you want to configure Oracle Forms Builder. "CONFIGURE_FORMS"
must also be set to true then as Oracle Forms Builder Configuration is dependent
on it.
CONFIGURE_FORMS_BUILDER=false

#Set this to true if you want to configure Oracle Reports Builder. "CONFIGURE_
REPORTS" must also be set to true then as Oracle Reports Builder Configuration is
dependent on it.
CONFIGURE_REPORTS_BUILDER=false

#Set this to true if you want to configure Oracle HTTP Server.
CONFIGURE_OHS=true

#Set this to true if you want to configure Oracle Webcache. "CONFIGURE_OHS" must
also be set to true then as Oracle Webcahce Configuration is dependent on it.
CONFIGURE_WEBCACHE=true

#Set this to true if you want to configure Oracle Enterprise Manager.
```

```
ENTERPRISE_MANAGEMENT=true
```

```
#Set this to true if you want to create a cluster for the selected applications  
CREATE_CLUSTERED=true
```

E.2.1.2 Contents of the `install_only.rsp` File

This section shows the contents of the `Disk1/stage/Response/install_only.rsp` response file on a UNIX operating system:

```
[ENGINE]
```

```
#DO NOT CHANGE THIS.  
Response File Version=1.0.0.0.0
```

```
[GENERIC]
```

```
#Set this to true if installation and configuration need to be done, all other  
required variables need to be provided. Variable "INSTALL AND CONFIGURE LATER  
TYPE" must be set to false if this is set to true as the variables are mutually  
exclusive  
INSTALL AND CONFIGURE TYPE=false
```

```
#Set this to true if only Software only installation need to be done. If this is  
set to true then variable "INSTALL AND CONFIGURE TYPE" must be set to false, since  
the variables are mutually exclusive.  
INSTALL AND CONFIGURE LATER TYPE=true
```

```
#Give the complete path for an Oracle Home to be created. The Oracle Home  
directory name may only contain alphanumeric , hyphen (-) , dot (.) and underscore  
(_) characters, and it must begin with an alphanumeric character.  
ORACLE_HOME=
```

```
#Write the complete path to a valid Middleware Home.  
MW_HOME=
```

```
#Provide the My Oracle Support Username. If you wish to ignore Oracle  
Configuration Manager configuration provide empty string for user name.  
MYORACLESUPPORT_USERNAME=
```

```
#Provide the My Oracle Support Password  
MYORACLESUPPORT_PASSWORD=
```

```
#Set this to true if you wish to decline the security updates. Setting this to  
true and providing empty string for My Oracle Support username will ignore the  
Oracle Configuration Manager configuration  
DECLINE_SECURITY_UPDATES=false
```

```
#Set this to true if My Oracle Support Password is specified  
SECURITY_UPDATES_VIA_MYORACLESUPPORT=true
```

```
#Provide the Proxy Host  
PROXY_HOST=
```

```
#Provide the Proxy Port  
PROXY_PORT=
```

```
#Provide the Proxy Username  
PROXY_USER=
```

```
#Provide the Proxy Password
```

```
PROXY_PWD=
```

```
[SYSTEM]
```

```
[APPLICATIONS]
```

```
[RELATIONSHIPS]
```

E.2.1.3 Contents of the `install_and_configure.rsp` File

This section shows the contents of the `Disk1/stage/Response/install_and_configure.rsp` response file on a UNIX operating system:

```
[ENGINE]
```

```
#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0
```

```
[GENERIC]
```

```
#Set this to true if installation and configuration need to be done, all other
required variables need to be provided. Variable "INSTALL AND CONFIGURE LATER
TYPE" must be set to false if this is set to true as the variables are mutually
exclusive
INSTALL AND CONFIGURE TYPE=true
```

```
#Set this to true if only Software only installation need to be done. If this is
set to true then variable "INSTALL AND CONFIGURE TYPE" must be set to false, since
the variables are mutually exclusive.
INSTALL AND CONFIGURE LATER TYPE=false
```

```
#Set this to true if you want to create a new domain, all other required variables
need to be provided. If this is set to true then variables "EXTEND_DOMAIN" and
"EXPAND_CLUSTER" must be set to false, since the variables are mutually exclusive.
CREATE_DOMAIN=true
```

```
#Set this to true if you want to extend an already existing domain, all other
required variables need to be provided. If this is set to true then variables
"CREATE_DOMAIN" and "EXPAND_CLUSTER" must be set to false, since the variables are
mutually exclusive.
EXTEND_DOMAIN=false
```

```
#Set this to true if you want to expand a cluster in an already existing domain,
all other required variables need to be provided. If this is set to true then
variables "CREATE_DOMAIN" and "EXTEND_DOMAIN" must be set to false, since the
variables are mutually exclusive.
EXPAND_CLUSTER=false
```

```
#Write the name of the domain you want to create. Domain name may only contain
alphanumeric characters, or the underscore (_) or hyphen (-) characters.
DOMAIN_NAME=
```

```
#Write the name of the host to which you want to connect. It should have an
already existing domain configured.
DOMAIN_HOSTNAME=
```

```
#Give the port number at which the host should be connected.
DOMAIN_PORT=
```

```
#Give an administrator user name for the domain if you are creating a new one
otherwise give the administrator user name for the domain configured at the host.
ADMIN_USER_NAME=weblogic

#Give an administrator password for the domain if you are creating a new one
otherwise give the administrator password for the domain configured at the host.
ADMIN_PASSWORD=

#Write the administrator password again to confirm.
ADMIN_CONFIRM_PASSWORD=

#Provide the My Oracle Support Username. If you wish to ignore Oracle
Configuration Manager configuration provide empty string for user name.
MYORACLESUPPORT_USERNAME=

#Provide the My Oracle Support Password
MYORACLESUPPORT_PASSWORD=
#Set this to true if you wish to decline the security updates. Setting this to
true and providing empty string for My Oracle Support username will ignore the
Oracle Configuration Manager configuration
DECLINE_SECURITY_UPDATES=false

#Set this to true if My Oracle Support Password is specified
SECURITY_UPDATES_VIA_MYORACLESUPPORT=true

#Provide the Proxy Host
PROXY_HOST=

#Provide the Proxy Port
PROXY_PORT=

#Provide the Proxy Username
PROXY_USER=

#Provide the Proxy Password
PROXY_PWD=

#Give the complete path to a valid Middleware Home with WebLogic Server installed.
MW_HOME=

#Give the complete path to a valid WebLogic Server Home for the corresponding
Middleware Home entered.
WL_HOME=

#Give the complete path for an Oracle Instance directory to be created. The Oracle
Home directory name may only contain alphanumeric , hyphen (-) , dot (.) and
underscore (_) characters, and it must begin with an alphanumeric character.
ORACLE_HOME=

#Give the complete path for an Oracle Instance directory to be created. This is
the location where the software configuration files and runtime processes will
reside.
INSTANCE_HOME=

#Give a name for Oracle Instance corresponding to the Instance Home. The Oracle
Instance name may only contain alphanumeric and underscore (_) characters, it must
begin with an alphabetic (a-z or A-Z) character, and must be from 4 to 30
characters in length.
INSTANCE_NAME=asinst_1
```

```
#Set this to true if you want the configuration wizard to assign the ports
automatically.
AUTOMATIC_PORT_DETECT=true

#Give the location for the file containing the list of static ports if you
manually want to assign ports.
STATICPORT_INI_FILE_LOCATION=

#Set this to true if you do not want to use proxy.
DO_NOT_USE_PROXY_SETTINGS=true

#Set this to true if you do want to use proxy.
ENABLE_PROXY=false

#Give the host name for proxy settings.
PROXY_HOST_NAME=

#Give the port for proxy settings.
PROXY_PORT_NO=
#Give the bypass addresses for proxy settings.
PROXY_BYPASS_ADDRESS=

#Give the connection string to establish a connection to a database.
DATABASE_CONNECTION_STRING=

#Set this to true if you want to register Discoverer Schema, schema name and
password details need to be provided.
REGISTER_DISCOVERER_SCHEMA=true

#Give the Discoverer Schema Name.
DISCOVERER_SCHEMA_NAME=

#Give the Portal Schema Name.
PORTAL_SCHEMA_NAME=

#Give the Discoverer Schema Password.
DISCOVERER_SCHEMA_PASSWORD=

#Give the Portal Schema Password.
PORTAL_SCHEMA_PASSWORD=

#Set this to true if you want to register Portlet Schema, schema name and password
details need to be provided.
REGISTER_PORTLET_SCHEMA=true

#Give the Portlet Schema Name.
PORTLET_SCHEMA_NAME=

#Give the Portlet Schema Password.
PORTLET_SCHEMA_PASSWORD=

#Set this to true if you want to use Application OID. It has to be true you are
configuring Oracle Portal.
USE_OID=true

#Give the Application OID hostname.
OID_HOST=

#Give the Application OID port.
```

```
OID_PORT=

#Give the Application OID user name.
OID_USERNAME=cn=orcladmin

#Give the Application OID password.
OID_PASSWORD=

#Set this to true if you want to use Application OID in SSL mode.
OID_USE_SSL=false

[SYSTEM]

[APPLICATIONS]

[RELATIONSHIPS]
#Set this to true if you want to configure Oracle Portal. "CONFIGURE_WEBCACHE" and
"CONFIGURE_OHS" must also be set to true then as Oracle Portal Configuration is
dependent on them.
CONFIGURE_PORTAL=true

#Set this to true if you want to configure Oracle Forms
CONFIGURE_FORMS=true

#Set this to true if you want to configure Oracle Reports
CONFIGURE_REPORTS=true

#Set this to true if you want to configure Oracle Discoverer. "CONFIGURE_OHS" must
also be set to true then as Oracle Discoverer Configuration is dependent on it.
CONFIGURE_DISCO=true

#Set this to true if you want to configure Oracle Forms Builder. "CONFIGURE_FORMS"
must also be set to true then as Oracle Forms Builder Configuration is dependent
on it.
CONFIGURE_FORMS_BUILDER=false

#Set this to true if you want to configure Oracle Reports Builder. "CONFIGURE_
REPORTS" must also be set to true then as Oracle Reports Builder Configuration is
dependent on it.
CONFIGURE_REPORTS_BUILDER=false

#Set this to true if you want to configure Oracle HTTP Server.
CONFIGURE_OHS=true

#Set this to true if you want to configure Oracle Webcache. "CONFIGURE_OHS" must
also be set to true then as Oracle Webcahce Configuration is dependent on it.
CONFIGURE_WEBCACHE=true

#Set this to true if you want to configure Oracle Enterprise Manager.
ENTERPRISE_MANAGEMENT=true

#Set this to true if you want to create a cluster for the selected applications
CREATE_CLUSTERED=true
```

E.2.2 Patch Set Installer Response Files

This section describes the `classic_patch_install.rsp` response file provided in the `Disk1/stage/Response` (on UNIX operating systems) or `Disk1\stage\Response` (on Windows operating systems) directory where you downloaded and extracted the Patch Set Installer archive file. This response file is designed for use in situations where you are updating an existing Oracle Portal, Forms, Reports and Discoverer Oracle home.

The contents of the `Disk1/stage/Response/classic_patch_install.rsp` response file on a UNIX system is shown below:

```
[ENGINE]

#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0

[GENERIC]

#Provide the Oracle Home location. The location has to be the immediate child
under the specified Middleware Home location. The Oracle Home directory name may
only contain alphanumeric , hyphen (-) , dot (.) and underscore (_) characters,
and it must begin with an alphanumeric character. The total length has to be less
than or equal to 128 characters. The location has to be an empty directory or a
valid WebTier Oracle Home.
ORACLE_HOME=/scratch/Middleware/as_1

#Provide existing Middleware Home location.
MIDDLEWARE_HOME=/scratch/Middleware

#Provide the My Oracle Support Username. If you wish to ignore Oracle
Configuration Manager configuration provide empty string for user name.
MYORACLESUPPORT_USERNAME=

#Provide the My Oracle Support Password
MYORACLESUPPORT_PASSWORD=<SECURE VALUE>

#Set this to true if you wish to decline the security updates. Setting this to
true and providing empty string for My OracleSupport username will ignore the
Oracle Configuration Manager configuration
DECLINE_SECURITY_UPDATES=true

#Set this to true if My Oracle Support Password is specified
SECURITY_UPDATES_VIA_MYORACLESUPPORT=false

#
CONFIG_WIZARD_RESPONSE_FILE_LOCATION=0
```

```
[SYSTEM]
```

```
[APPLICATIONS]
```

```
[RELATIONSHIPS]
```

The parameters you should set in this file are:

- `ORACLE_HOME`. Specify the full path to your Oracle home directory.

- `MIDDLEWARE_HOME`. Specify the full path to your Middleware home directory.
- Decide whether or not you want to configure Oracle Configuration Manager for automatic software and security updates.

If you do not want to configure Oracle Configuration Manager, set `DECLINE_SECURITY_UPDATES` to `true`.

If you want to configure Oracle Configuration Manager, set `SECURITY_UPDATES_VIA_MYORACLESUPPORT` to `true`. Doing so also requires that you set the `MYORACLESUPPORT_USERNAME` and `MYORACLESUPPORT_PASSWORD` parameters with your My Oracle Support user name and password, respectively.

For more information about Oracle Configuration Manager, see "Installing Oracle Configuration Manager" in the *Oracle Fusion Middleware Installation Planning Guide*.

E.2.3 Silent Deinstallation Response Files

Table E-2 lists the deinstallation response files provided in the `Disk1/stage/Response` (on UNIX operating systems) or `Disk1\stage\Response` (on Windows operating systems) directory on the installation CD-ROM:

Table E-2 Oracle Portal, Forms, Reports and Discoverer Deinstallation Response File Templates

Template	Description
<code>deinstall_managed_instance.rsp</code>	<p>This is the template response file that should be used if you have configured managed instances on your system. These managed instances must be removed before you remove the Oracle home.</p> <p>The equivalent using the GUI would be starting the deinstaller and selecting the Deinstall ASInstances managed by WebLogic Domain option on the Select Deinstallation Type.</p> <p>See Section E.2.3.1, "Contents of the <code>deinstall_managed_instances.rsp</code> File" to view the contents of this file.</p>
<code>deinstall_unmanaged_instance.rsp</code>	<p>This is the template response file that should be used if you have configured unmanaged instances on your system. These unmanaged instances must be removed before you remove the Oracle Home.</p> <p>The equivalent using the GUI would be starting the deinstaller and selecting the Deinstall Unmanaged ASInstances option on the Select Deinstallation Type.</p> <p>See Section E.2.3.2, "Contents of the <code>deinstall_unmanaged_instances.rsp</code> File" to view the contents of this file.</p>
<code>deinstall_oh.rsp</code>	<p>This is the template response file that should be used if you have already removed all managed and unmanaged instances that use this Oracle Home, and now you are ready to remove the Oracle Home.</p> <p>The equivalent using the GUI would be starting the deinstaller and selecting the Deinstall Oracle Home option on the Select Deinstallation Type.</p> <p>See Section E.2.3.3, "Contents of the <code>deinstall_oh.rsp</code> File" to view the contents of this file.</p>

In addition to these pre-existing response files, you can create your own response file by running the deinstaller GUI, then clicking **Save** on the Deinstallation Summary (Managed Instance) screen. You will be prompted for a name and location where you want to create this response file. After it is created, you can use it exactly as-is to replicate the deinstallation on other systems, or modify it as needed.

E.2.3.1 Contents of the deinstall_managed_instances.rsp File

This section shows the contents of the Disk1/stage/Response/deinstall_managed_instances.rsp response file on a UNIX system:

```
[ENGINE]

#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0

[GENERIC]

#Identifies if the Instance deinstallation is valid or not
DEINSTALL_IN_ASINSTANCE_MODE=true

#Specify true for Oracle Home deinstall
OH_HOME_DEINSTALL=false

#Specify true for Managed Instance deinstall
DOMAIN_MANAGED_ASINSTANCE_DEINSTALL=true

#Specify true for Un-managed Instance deinstall
UNMANAGED_ASINSTANCE_DEINSTALL=false

[SYSTEM]

[APPLICATIONS]

[RELATIONSHIPS]

#Specify the Domain Host Name
DOMAIN_HOST_NAME=localhost.domain

#Specify the Domain Port Number
DOMAIN_PORT_NO=7001

#Specify the Domain User Name
DOMAIN_USER_NAME=weblogic

#Specify the Domain Password
DOMAIN_USER_PASSWORD=<SECURE PASSWORD>

#Specify the list of Instance to be deinstalled in the following format.
InstanceName^LocationOfInstance$InstanceName^LocationOfInstance
MANAGED_INSTANCE_LIST=asinst_1^C:\wls1\asinst_1$
```

E.2.3.2 Contents of the deinstall_unmanaged_instances.rsp File

This section shows the contents of the Disk1/stage/Response/deinstall_unmanaged_instances.rsp response file on a UNIX system:

```
[ENGINE]

#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0

[GENERIC]

#Identifies if the Instance deinstallation is valid or not
```

```
DEINSTALL_IN_ASINSTANCE_MODE=true

#Specify true for Oracle Home deinstall
OH_HOME_DEINSTALL=false

#Specify true for Managed Instance deinstall
DOMAIN_MANAGED_ASINSTANCE_DEINSTALL=false

#Specify true for Un-managed Instance deinstall
UNMANAGED_ASINSTANCE_DEINSTALL=true

#Specify the path of the Un-managed Instance
ASINSTANCE_LOCATION_TEXTFIELD=c:\Oracle\Middleware\asinst_1
```

[SYSTEM]

[APPLICATIONS]

[RELATIONSHIPS]

E.2.3.3 Contents of the deinstall_oh.rsp File

This section shows the contents of the Disk1/stage/Response/deinstall_oh.rsp response file on a UNIX system:

```
[ENGINE]

#DO NOT CHANGE THIS.
Response File Version=1.0.0.0.0

[GENERIC]

#Identifies if the Instance deinstallation is valid or not
DEINSTALL_IN_ASINSTANCE_MODE=true

#Specify true for Oracle Home deinstall
OH_HOME_DEINSTALL=true

#Specify true for Managed Instance deinstall
DOMAIN_MANAGED_ASINSTANCE_DEINSTALL=false

#Specify true for Un-managed Instance deinstall
UNMANAGED_ASINSTANCE_DEINSTALL=false
```

[SYSTEM]

[APPLICATIONS]

[RELATIONSHIPS]

Troubleshooting

This appendix describes solutions to common problems that you might encounter when installing Oracle Portal, Forms, Reports and Discoverer. It contains the following sections:

- Section F.1, "General Troubleshooting Tips"
- Section F.2, "Installation and Configuration Log Files"
- Section F.3, "Verifying Environment Variable Lengths for Oracle Reports (Windows Only)"
- Section F.4, "Granting Access to rwbuilder"
- Section F.5, "Errors Accessing the Discoverer Plus and Discoverer Viewer URLs"
- Section F.6, "Need More Help?"

F.1 General Troubleshooting Tips

If you encounter an error during installation:

- Read the *Oracle Fusion Middleware Release Notes* for the latest updates. The most current version of the release notes is available on Oracle Technology Network (<http://www.oracle.com/technology/documentation>).
- Verify your system and configuration is certified. Refer to the Fusion Middleware Certification document:

http://www.oracle.com/technology/software/products/ias/files/fusion_certification.html
- Verify your system meets the minimum system requirements. Refer to the System Requirements and Specifications document:

http://www.oracle.com/technology/software/products/ias/files/fusion_requirements.htm
- If you entered incorrect information on one of the installation screens, return to that screen by clicking **Back** until you see the screen.
- If an error occurred while the installer is copying or linking files:
 1. Note the error and review the installation log files.
 2. Remove the failed installation by following the steps in Chapter 4, "Deinstalling Oracle Portal, Forms, Reports and Discoverer".
 3. Correct the issue that caused the error.

4. Restart the installation.

F.2 Installation and Configuration Log Files

This section contains information about the log files that are created when running the Oracle Portal, Forms, Reports and Discoverer installer and the Configuration Wizard. Log files contain information that can help you troubleshoot problems with your installation or configuration.

F.2.1 Installation Log Files

The installer writes logs files to the *Oracle_Inventory_Location/log* (on UNIX operating systems) or *Oracle_Inventory_Location/logs* (on Windows operating systems) directory. On UNIX operating systems, if you do not know the location of your Oracle Inventory directory, you can find it in the *oraInst.loc* file in the following directories (default locations):

- Linux: */etc/oraInst.loc*
- HP-UX and Solaris: */var/opt/oracle/oraInst.loc*

On Windows operating systems, the location for the inventory directory is *C:\Program Files\Oracle\Inventory\logs*. If you are using a 32-bit installer on a 64-bit Windows machine, the inventory directory is *C:\Program Files (x86)\Oracle\Inventory\logs*.

The following install log files are written to the log directory:

- *installdate-time-stamp.log*
This is the main log file.
- *installdate-time-stamp.out*
This log file contains the output and error streams during the installation.
- *installActionsdate-time-stamp.log*
This file is used by the installer GUI to keep track of internal information.
- *installProfiledate-time-stamp.log*
This log file contains the overall statistics like time taken to complete the installation, as well as configuration, memory and CPU details.
- *oraInstallldate-time-stamp.log*
This log file contains the output stream of the copy session.

If you start the installer with the *-printtime* parameter, the *timeTakedate-time-stamp.log* and *timedate-time-stamp.log* files are created in the same directory:

- *timeTakedate-time-stamp.log*
This file contains information for the amount of time taken to move between screens (applicable for GUI installations only).
- *timedate-time-stamp.log*
This file contains time information for the copy session.

If you start the installer with the *-printmemory* parameter, the *memorydate-time-stamp.log* file is created. This file contains memory usage information for the copy session.

F.2.2 Configuration Log Files

To create a log file of your configuration session, start the Configuration Wizard with the `-log` option, as shown below:

On UNIX operating systems:

```
% ./config.sh -log=log_filename
```

On Windows operating systems:

```
G:\ config.cmd -log=log_filename
```

If you specify an absolute path with your *log_filename* then your log file will be created there. If you only specify a file name with no path, then the log files are created in the `ORACLE_HOME/common/bin` (on UNIX operating systems) or `ORACLE_HOME\common\bin` (on Windows operating systems) directory.

F.3 Verifying Environment Variable Lengths for Oracle Reports (Windows Only)

If an environment variable used by `startManagedWebLogic.cmd` (for example, `PATH` or `CLASSPATH`) contains too many characters, Oracle Reports will generate errors when you try to start its Managed Server.

To work around this issue, you can try to convert all directory names longer than eight characters to the Windows short name format. For example, `C:\Oracle11g\Middleware` can be converted to `C:\Oracle~1\Middle~1` wherever you define your environment variables that use this path.

You can also reinstall Oracle WebLogic Server to a location where the directory path is shorter than its current location.

For more information about the character limits of the environment variables on your Windows system, refer Article 830473 on the Microsoft Support website (<http://support.microsoft.com/kb/830473>), or refer to your operating system documentation.

F.4 Granting Access to rwbuilder

A user who installed the Oracle Reports components can access them, by default. If you want to allow other users to run `rwbuilder`:

1. Change the permissions of the following files.

On Linux x86 operating systems:

```
chmod 750 ORACLE_HOME/bin
chmod 750 ORACLE_HOME/bin/rwbuilder
chmod 750 COMMON_COMPONENTS_HOME/modules/oracle.dms_11.1.1/*.jar
chmod 750 COMMON_COMPONENTS_HOME/modules/oracle.odl_11.1.1/*.jar
chmod 750 ORACLE_INSTANCE
chmod 750 ORACLE_INSTANCE/bin
chmod 750 ORACLE_INSTANCE/config
chmod 750 ORACLE_INSTANCE/config/reports
chmod 750 ORACLE_INSTANCE/config/reports/bin
chmod 750 ORACLE_INSTANCE/config/reports/bin/*
chmod 750 ORACLE_INSTANCE/config/FRComponent
chmod 750 ORACLE_INSTANCE/config/ReportsToolsComponent
chmod 750 ORACLE_INSTANCE/config/ReportsToolsComponent/ReportsTools
chmod 750 ORACLE_INSTANCE/config/ReportsToolsComponent/ReportsTools/*
```

```
chmod 770 ORACLE_  
INSTANCE/config/ReportsToolsComponent/ReportsTools/rwbuilder.conf  
chmod 750 ORACLE_INSTANCE/reports  
chmod 750 ORACLE_INSTANCE/reports/reports_install.properties  
chmod 750 DOMAIN_HOME/servers/WLS_REPORTS/tmp/_WL_user/  
chmod 770 DOMAIN_HOME/servers/WLS_REPORTS/tmp/_WL_user/reports_version/  
chmod 770 DOMAIN_HOME/servers/WLS_REPORTS/tmp/_WL_user/reports_version/<random_  
name>/war  
chmod 750 directory_mentioned_in_REPORTS_TMP
```

On Windows operating systems, right-click on the folder, select **Properties**, then modify the security settings as necessary.

2. Change the location of the log files so that users will have both read and write access. Modify the `PATH` property of the `runtime_trace_handler` and `zrcclient_trace_handler` parameters in the `ORACLE_INSTANCE/config/ReportsToolsComponent/ReportsTools/logging.xml` (on Linux x86 operating systems) or `ORACLE_INSTANCE\config\ReportsToolsComponent\ReportsTools\logging.xml` (on Windows operating systems) file.

F.5 Errors Accessing the Discoverer Plus and Discoverer Viewer URLs

During the configuration process, if the database that contains the `prefix_DISCOVERER` schema is shut down between the "Create ASInstance" and "Deploy Discoverer" steps, the configuration process will be completed successfully despite the database being down. However, you will not be able to access the Discoverer Plus and Discoverer Viewer URLs.

The following errors can be found in the log file:

```
connection error.  
- error while creating the session, check for other errors.  
- oracle.discoiv.connections.ConnectionStoreException:  
@ weblogic.common.resourcepool.ResourceDisabledException: Pool  
@ examplehost.exampledomain.com_SPS3NT_DISCOVERER_PS is disabled,  
cannot allocate resources to applications..
```

In this situation, you should do the following:

1. Start the database.
2. Restart the Oracle Discoverer instance.
3. Restart the WLS_DISCO Managed Server.
4. Restart the Administration Server.

F.6 Need More Help?

If this appendix does not solve the problem you encountered, try looking for a solution on My Oracle Support (formerly OracleMetaLink):

<https://support.oracle.com/>

If you are unable to find a solution for your problem, open a service request.

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