



ORACLE® ENTERPRISE PERFORMANCE MANAGEMENT SYSTEM

Release 11.1.2.2

Rapid Deployment of Oracle Hyperion Planning in
Development Environments



CONTENTS IN BRIEF

About This Document	2
Deployment Requirements	2
Deployment Process	4
Step 1: Downloading Installation Files	4
Step 2: Installing and Configuring the Database	9
Step 3: Installing and Configuring EPM System	13

About This Document

This document presents recommended steps to build a typical Oracle Hyperion Planning, development environment on a single server running Microsoft Windows. A typical Planning development environment comprises the following products:

- Planning
- Oracle Hyperion Calculation Manager
- Oracle Essbase
- Oracle Hyperion Financial Reporting
- Oracle Hyperion Smart View for Office
- Required products including Oracle Database, and Oracle WebLogic Server

Deployment Requirements

Server

Table 1 Server Requirements

Requirement	Description
Server Operating System	Windows 2008 R2 x64
Processor	Quad core
Memory	16 GB RAM
Disk	200 GB Disk
Other Software	<ul style="list-style-type: none">● A program, such as 7-Zip or WinZip, to extract the contents of media packs.● .NET Framework 3.5.1 and Microsoft Office (Office 2010) to support Smart View

User Account

Use a generic Windows user account, for example, `epmrapid_user`, that satisfies the following requirements. This account is referred to as *deployment account* throughout this document:

- The deployment account is a member of the Administrators group on the server on which you are deploying this domain.
- The following local security policies are assigned to the deployment account. By default, these policies are granted to members of the Administrators group:
 - Act as part of the operating system
 - Bypass traverse checking
 - Log on as a batch job

- Log on as a service
- User account control is disabled for the deployment account.

The password that you select for this account will be used as the password for Oracle Database Administrator, Oracle Database User, WebLogic Administrator, and EPM Administrator. This password is referred to as the *deployment password* throughout this document.

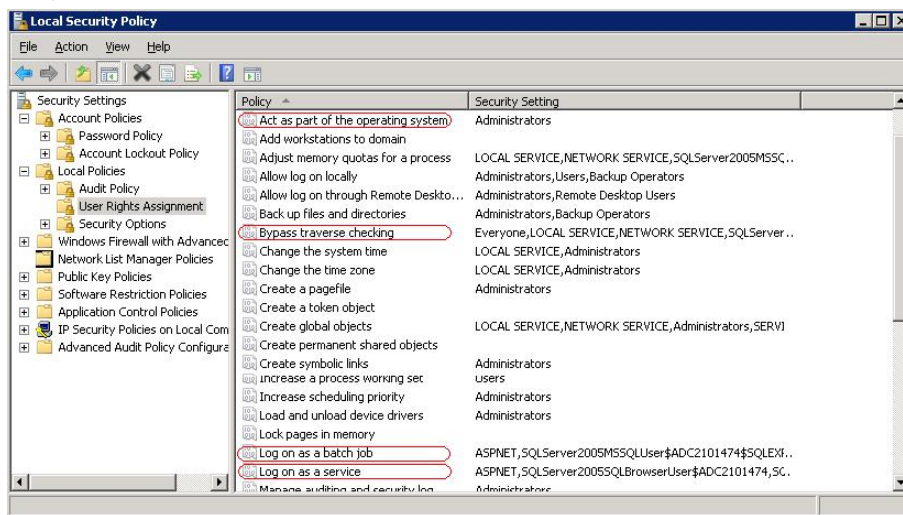
The deployment password must conform to the following guidelines:

- Contain at least one uppercase letter
- Contain at least one numeral
- Be at least eight characters long
- Contain no special characters

An example of an acceptable deployment password is 1Rapidepm.

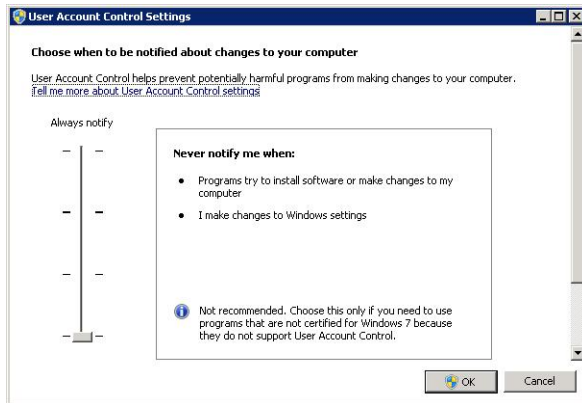
Verifying Local Security Policy Assignments

- To verify that local security policies are assigned to the deployment account:
 - 1 Log on to the server using the deployment account.
 - 2 On the server, click **Start**, and then **Administrative Tools**, and then **Local Security Policy**.
 - 3 In **Local Security Policy**, expand **Local Policies**, and then select **User Rights Assignment**.
 - 4 Verify that the security setting for the policies highlighted in the following screen shot include the Administrators group. Double-click the security setting of the policy to view its properties and assignments.



Disabling User Account Control

- To turn off user account control:
 - 1 Log on to the server using the deployment account.
 - 2 On the server, click **Start**, and then **Control Panel**.
 - 3 In Control Panel, click **User Accounts**.
 - 4 In User Accounts, click **Change User Account Control settings**.
 - 5 Drag the user account control slider to **Never Notify**.



- 6 Click **OK**.

Server Name

You need to know your server name to complete the deployment process. You can determine the name of your server by entering `hostname` in a command prompt. The name of your server is referred to as the *HostName* throughout this document.

Deployment Process

The deployment process involves the following steps and takes approximately three hours:

- [Step 1: Downloading Installation Files](#) (approximately 70 minutes)
- [Step 2: Installing and Configuring the Database](#) (approximately 20 minutes)
- [Step 3: Installing and Configuring EPM System](#)(approximately 90 minutes)

Step 1: Downloading Installation Files

This section explains how to download Oracle 11g Database (Version 11.2.0.1.0) and Oracle Enterprise Performance Management System product media packs and get them ready. You can download media packs simultaneously. Using a T1 connection, downloading media packs takes approximately 65 minutes.

► To download media packs from Oracle Software Delivery Cloud:

- 1 **Create two folders named EPM_rapid_downloads and EPM_rapid_unzipped on your server.** The file path should not contain spaces.
- 2 **Using a browser, go to <http://edelivery.oracle.com>.**
- 3 **On the Oracle Software Delivery Cloud, click Sign In/Register.**
- 4 **In Sign In, enter your Oracle Software Delivery Cloud user name and password, and then click Sign In.**
- 5 **In Terms & Restrictions, read and accept the Trial License and Export Restrictions agreements, and then click Continue.**

Terms & Restrictions

By accessing the software on this Web site, you agree that (1) you have already obtained a license from Oracle, or an Oracle partner, for your use of the software and that your Oracle License and Services Agreement or Software License and Services Agreement, Oracle PartnerNetwork Agreement, Oracle distribution agreement, or other license agreement with Oracle or an Oracle partner, plus the applicable ordering document with Oracle or an Oracle partner, governs your use of the software, or (2) if you have not already obtained a license from Oracle or an Oracle Partner for your use of the software, the Oracle Electronic Delivery Trial License Agreement on this Web site governs your use of the software for the time specified in such agreement. Note: Programs downloaded for trial use or downloaded as replacement media may not be used to update any unsupported programs.

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Signifying acceptance of this trial license by selecting the "I accept the License Terms and Export Restrictions" checkbox below is an indication of your agreement, as an authorized representative of your company ("you"), to comply with all of the following trial license terms and conditions with respect to the Programs (as defined below) used by you in accordance with this E-Delivery Trial License Agreement (this "Agreement").

GENERAL INFORMATION

The "Trial Term" shall be 30 Days from the date of your acceptance of the terms and conditions of YES, I accept the Trial License Terms and Export Restrictions and I acknowledge that I have reviewed and understand the agreement and agree to use the language I selected in entering into this agreement. OR, I have already obtained a license from Oracle which governs my use of the software. I understand that Oracle has recently acquired Sun Microsystems, Inc. and that some of the downloads may contain or refer to a Software License Agreement and/or Entitlement in the legal directory, readme file, or elsewhere. I acknowledge that my Oracle or Oracle partner license described in (1) above, or the Electronic Delivery Trial License Agreement (including export restrictions) described in (2) above, supersede and replace any terms contained in any other Software License and/or Entitlement document including those written in the legal directory or readme file.

Export Restrictions

You agree that U.S. export control laws and other applicable export and import laws govern your use of the programs, including technical data; additional information can be found on Oracle's [Global Trade Compliance Web site](#).

You agree that neither the programs nor any direct product thereof will be exported, directly, or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation.

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YES, I accept these Export Restrictions

[Continue](#)

- 6 **Download part numbers to install Oracle Database 11g.**
 - a. In **Media Pack Search**, search for Oracle Database product pack for Microsoft Windows x64 (64-bit), and then select **Go**.
 - b. In the **Results** section, select **Oracle Database 11g Release 2 (11.2.0.1.0) Media Pack for Microsoft Windows x64 (64-bit)**, and then click **Continue**.



Media Pack Search

Instructions

1. Review the [License List](#) to determine which Product Pack or Packs you need to download.
2. Select the Product Pack and Platform and click "Go".
3. If there is only one result, you will see the download page. If there are multiple results, select one and click "Continue".

Frequently Asked Questions

- [What is a Media Pack?](#)
- [How do I find the Media Pack that I need?](#)
- [How do I get my license code?](#)
- [More...](#)

Select a Product Pack

Platform

Results

Select	Description	Release	Part Number	Updated	# Parts / Size
<input type="radio"/>	Oracle In-Memory Database Cache 11g (11.2.1.8.0) Media Pack for Microsoft Windows x64 (64-bit)	11.2.1.8.0	B62473-01	FEB-11-2011	1 / 183M
<input type="radio"/>	Oracle TimesTen In-Memory Database 11g (11.2.1.8.0) Media Pack for Microsoft Windows x64 (64-bit)	11.2.1.8.0	B62500-01	FEB-11-2011	1 / 183M
<input checked="" type="radio"/>	Oracle Database 11g Release 2 (11.2.0.1.0) Media Pack for Microsoft Windows x64 (64-bit)	11.2.0.1.0	B58804-02	FEB-02-2011	19 / 11G
<input type="radio"/>	Oracle@ Database 11g Release 1 (11.1.0.6.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.0.6.0	B36934-11	OCT-18-2010	21 / 15G
<input type="radio"/>	Oracle Secure Backup 10.3.0.3.0 Release Media Pack for Microsoft Windows x64 (64-bit)	10.3.0.3.0	B60641-01	SEP-29-2010	1 / 35M

Total: 13

- c. Download the following part numbers to EPM_rapid_downloads.

Table 2 Database Part Numbers to Download

Part Number	Name
V20610-01 Part 1 of 2	Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 1 of 2)
V20610-01 Part 2 of 2	Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 2 of 2)



Oracle Database 11g Release 2 (11.2.0.1.0) Media Pack for Microsoft Windows x64 (64-bit)

[Back](#) [Search Again](#)

TIP View the Readme file(s) to help decide which files you need to download.

Print this page with the list of downloadable files. It contains a list of the part numbers and their corresponding description that you may need to reference during the installation process.

Frequently Asked Questions

- [How do I know which files are required?](#)
- [What are the disk space requirements?](#)
- [How do I get my license code?](#)
- [More...](#)

Oracle Database 11g Release 2 (11.2.0.1.0) Media Pack v2 for Microsoft Windows x64 (64-bit)

[Readme](#) [View Digest](#)

Select	Name	Part Number	Size (Bytes)
Download	Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 1 of 2)	V20610-01 Part 1 of 2	1.2G
Download	Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 2 of 2)	V20610-01 Part 2 of 2	961M
Download	Oracle Database 11g Release 2 Grid Infrastructure (11.2.0.1.0) for Microsoft Windows x64 (64-bit)	V20612-01	682M

7 Download part numbers to install EPM System Planning domain.

- From the browser, navigate back to **Media Pack Search**.
- In **Media Pack Search**, search for Oracle Enterprise Performance Management System for Microsoft Windows x64 (64-bit) platform, and then click **Go** to start the search.
- In **Results**, select **Oracle Enterprise Performance Management (11.1.2.2.0) Media Pack for Microsoft Windows x64 (64-bit)**, and then click **Continue**.

Media Pack Search

Instructions

1. Review the [License List](#) to determine which Product Pack or Packs you need to download.
2. Select the Product Pack and Platform and click "Go".
3. If there is only one result, you will see the download page. If there are multiple results, select one and click "Continue".

Select a Product Pack

Platform

Results

Select	Description	Release	Part Number	Updated	# Parts / Size
<input checked="" type="radio"/>	Oracle Enterprise Performance Management System (11.1.2.2.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.2.2.0	B67263-01	APR-10-2012	23 / 18G
<input type="radio"/>	Oracle Enterprise Performance Management (11.1.2.1.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.2.1.0	B63116-10	MAR-16-2012	64 / 21G
<input type="radio"/>	Oracle Enterprise Performance Management (11.1.1.4.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.1.4.0	B64750-06	MAR-16-2012	39 / 14G
<input type="radio"/>	Oracle Enterprise Performance Management (11.1.1.3.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.1.3.0	B55837-16	FEB-07-2012	37 / 14G

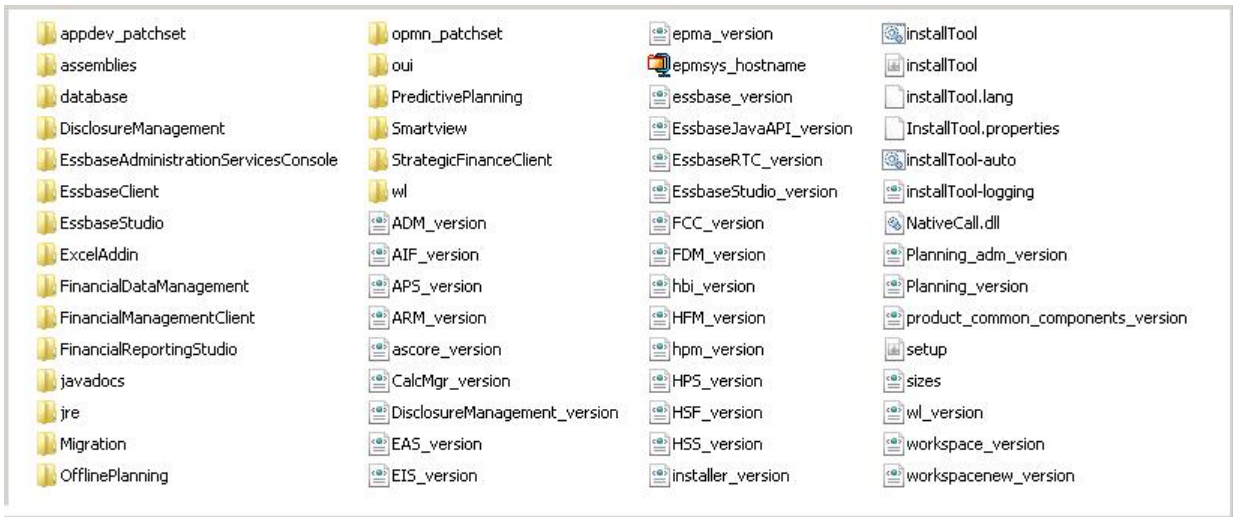
Total: 4

d. Download the following part number archives to `EPM_rapid_downloads`.

- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit) (Part 1)
- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit) (Part 2)
- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit) (Part 3)
- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit) (Part 4)
- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit) (Part 5)
- EPM System 11.1.2.2.0 for Microsoft Windows x64 (64-bit)(Part 6)
- EPM System Release 11.1.2.2.0 Client Installers for Microsoft Windows

8 Using a program, for example 7-Zip, extract the contents of the downloaded Oracle Database and EPM System product media packs into `EPM_rapid_unzipped`.

You will be warned about overwriting some files. Select **Yes**.

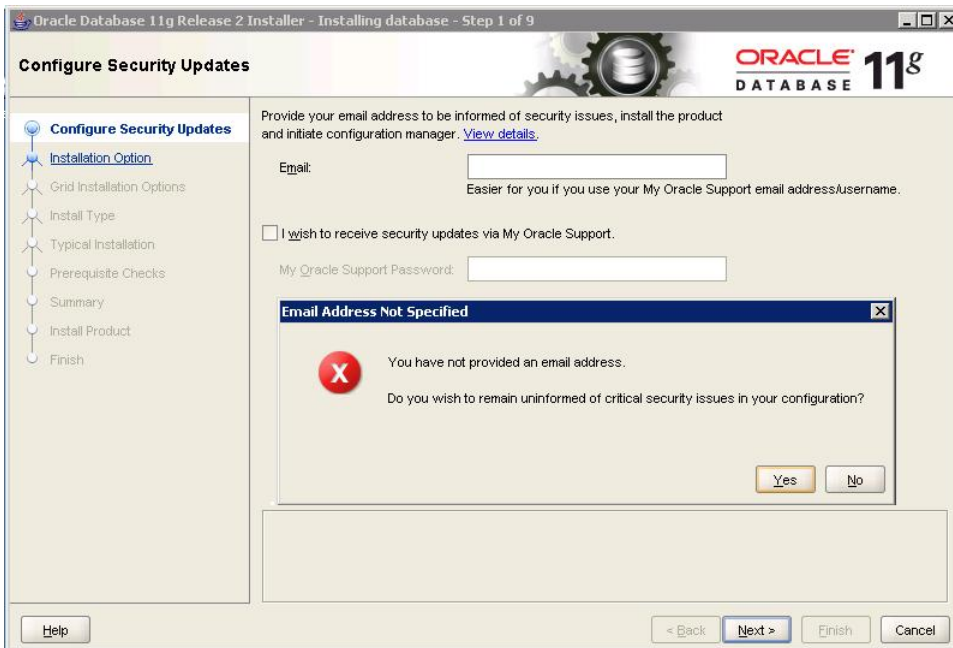


Step 2: Installing and Configuring the Database

► To install and configure Oracle Database:

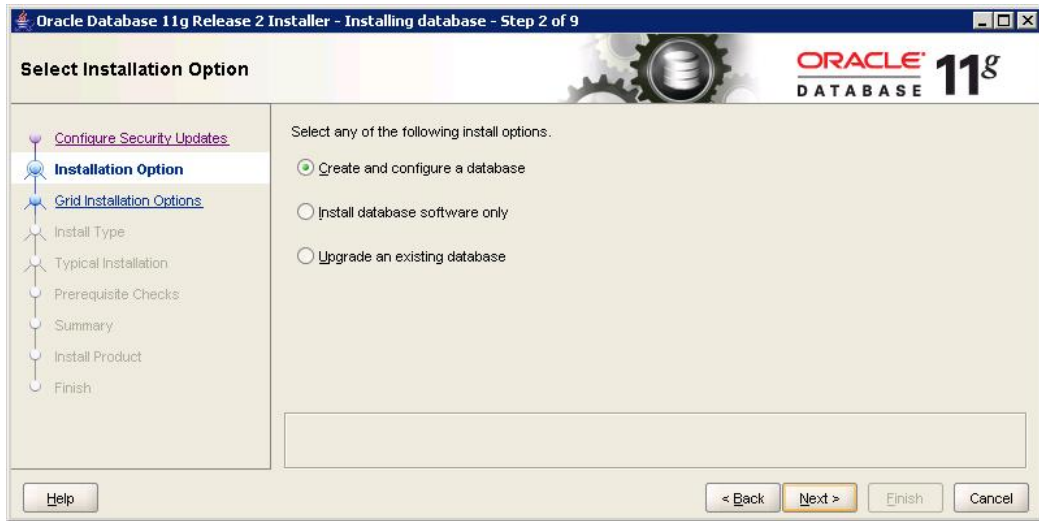
- 1 Using Windows Explorer, navigate to `EPM_rapid_unzipped/database`, and then double-click `setup.exe` to launch the installer.
- 2 In Configure Security Updates, clear **I wish to receive security updates via My Oracle Support**, and then click **Next**.

A warning that you did not provide an email address is displayed.

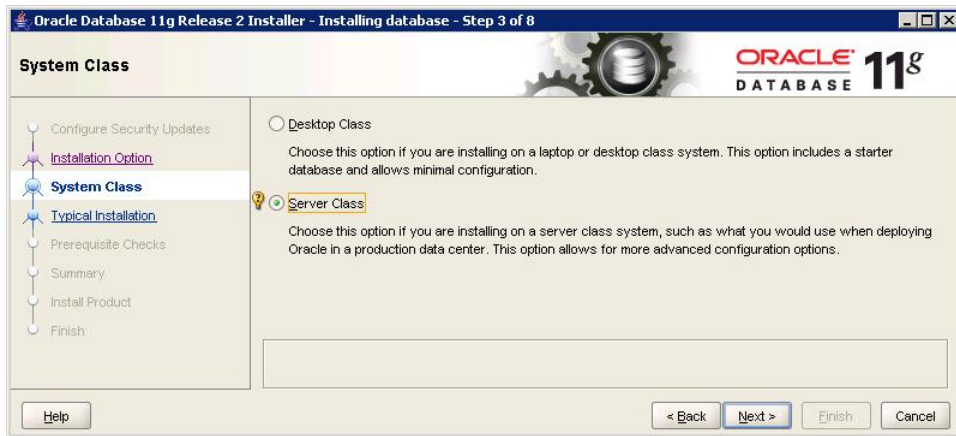


- 3 In **Email Address Not Specified**, click **Yes**.

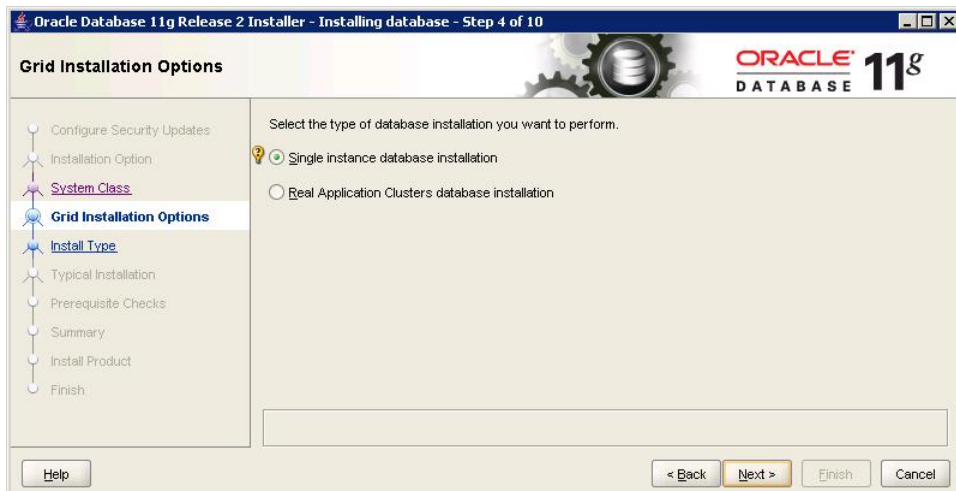
- 4 In **Select Installation Option**, ensure that **Create and configure a database** is selected, and then click **Next**.



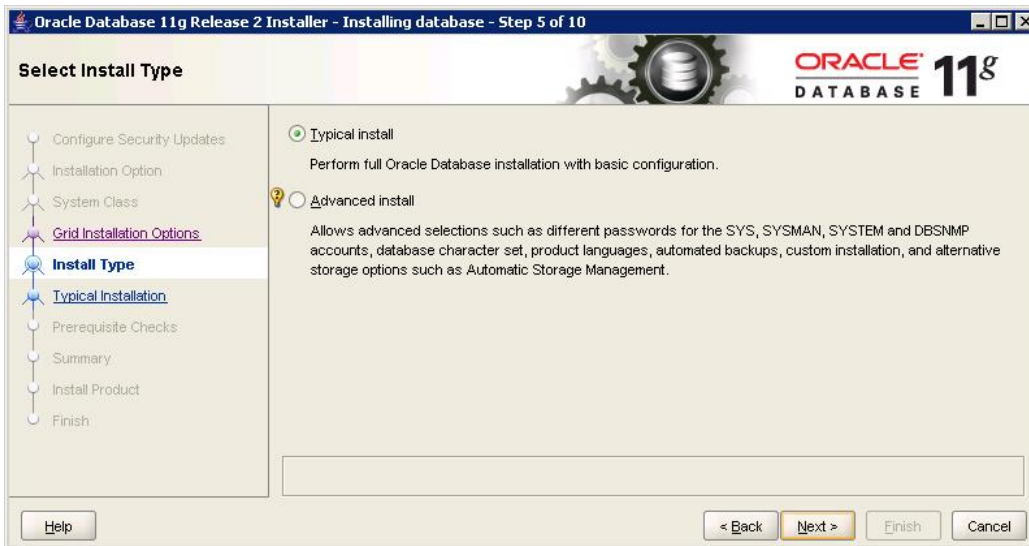
- 5 In **System Class**, select **Server Class**, and then click **Next**.



- 6 In **Grid Installation Options**, select **Single instance database installation**, and then click **Next**.

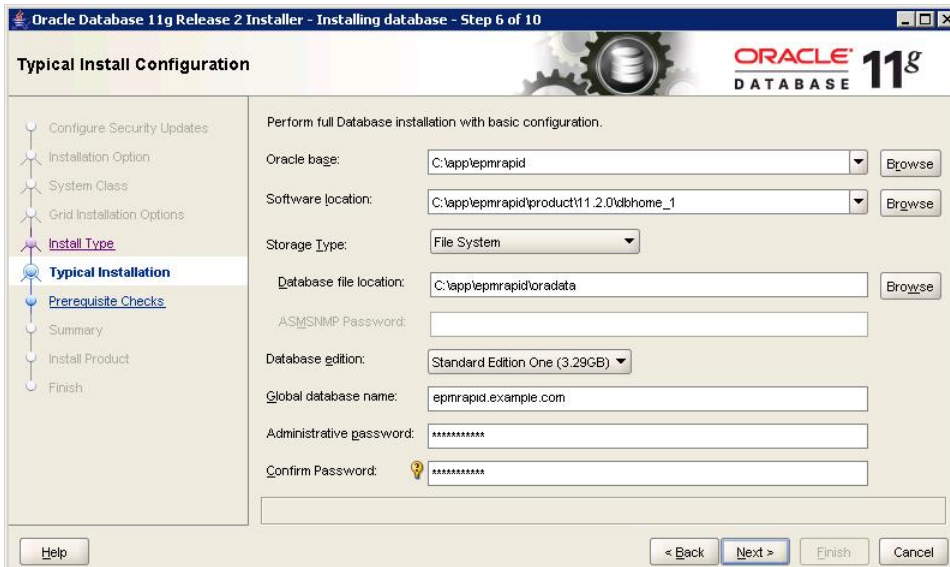


- 7 In **Select Install Type**, ensure that **Typical install** is selected, and then click **Next**.

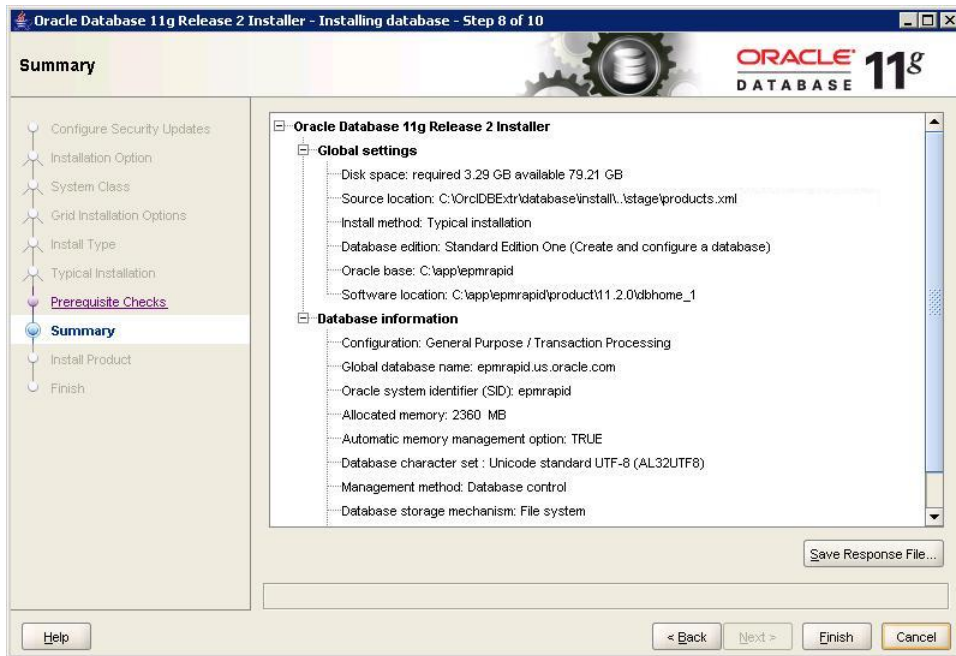


8 In Typical Install Configuration, enter the following information. Keep default values for all other fields. Click Next when you are done.

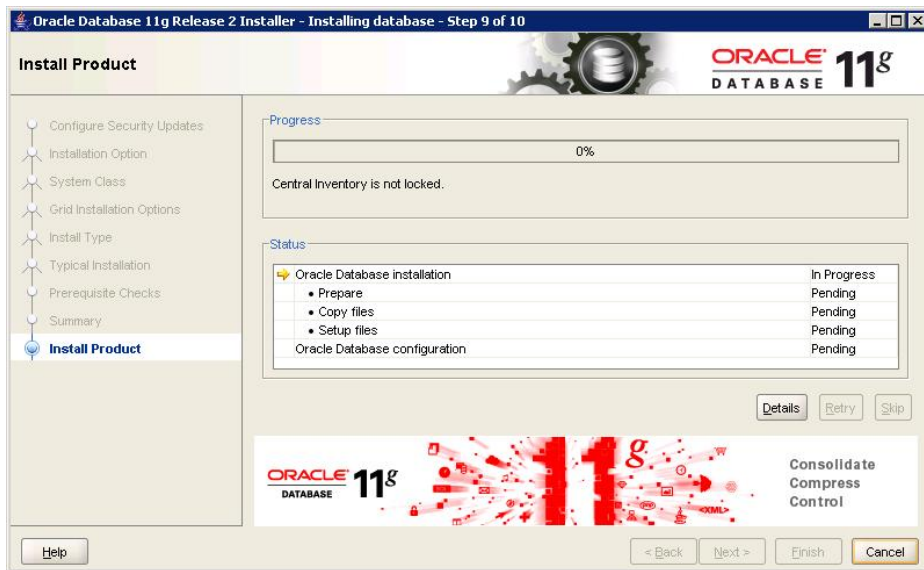
- **Database Edition**—Select **Standard Edition One(3.29 GB)**.
- **Global Database Name**—Set to `epmrapid`.
- **Administrative Password**—Enter the deployment password.
- **Confirm Password**—Reenter the deployment password.



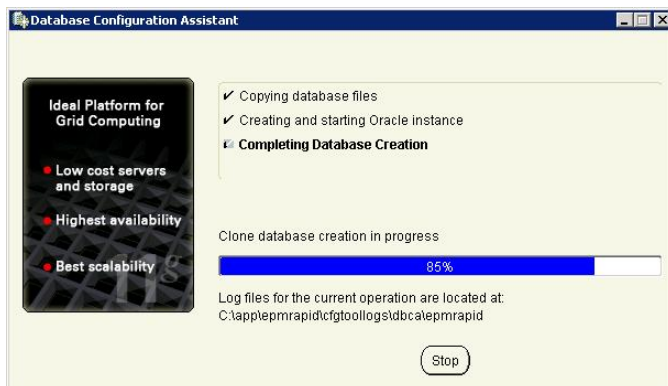
9 In Summary, click Finish.



10 In Install Product, click **Finish**.



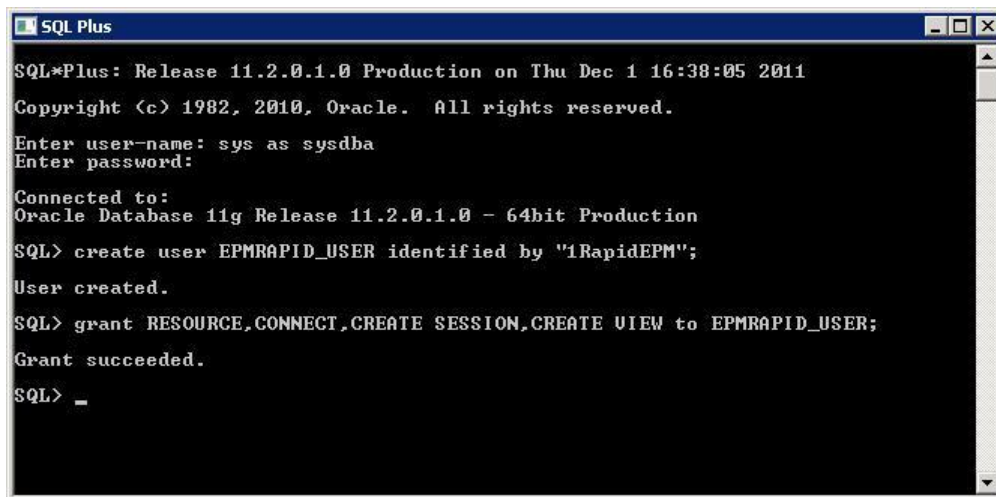
11 After completing the installation process, the installer runs the Database Configuration Assistant.



- 12 In Database Configuration Assistant summary, click **OK**.
- 13 In Oracle Database 11g Release 2 Installer, click **Close**.
- 14 Create database user `epmrapid_user`, who will use default table space, and update database parameter values.
 - a. On your server, select **Start**, then **All Programs**, then **Oracle - OraDb 11g_home1**, then **Application Development**, and then **SQL Plus**.
 - b. For **Enter user name**, enter `SYS as SYSDBA`.
 - c. For **Password**, enter the deployment password.
 - d. Create a database user named `epmrapid_user`, and assign roles and privileges.
 - i. Execute the following statement. Remember to replace `DEPLOYMENT_PWD` with your deployment password:


```
create user EPMRAPID_USER identified by "DEPLOYMENT_PWD";
```
 - ii. Grant `CONNECT` and `RESOURCE` roles, and `CREATE SESSION` and `CREATE VIEW` privileges to `epmrapid_user` by entering the following command:


```
grant RESOURCE,CONNECT,CREATE SESSION,CREATE VIEW to EPMRAPID_USER;
```



```

SQL Plus
SQL*Plus: Release 11.2.0.1.0 Production on Thu Dec 1 16:38:05 2011
Copyright (c) 1982, 2010, Oracle. All rights reserved.
Enter user-name: sys as sysdba
Enter password:
Connected to:
Oracle Database 11g Release 11.2.0.1.0 - 64bit Production
SQL> create user EPMRAPID_USER identified by "1RapidEPM";
User created.
SQL> grant RESOURCE,CONNECT,CREATE SESSION,CREATE VIEW to EPMRAPID_USER;
Grant succeeded.
SQL> _
  
```

Step 3: Installing and Configuring EPM System

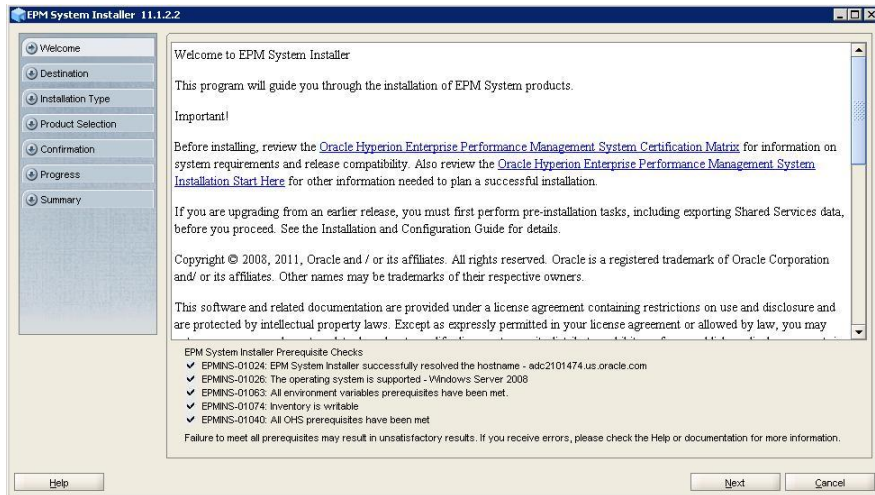
This process takes approximately 90 minutes.

➤ To install EPM System files:

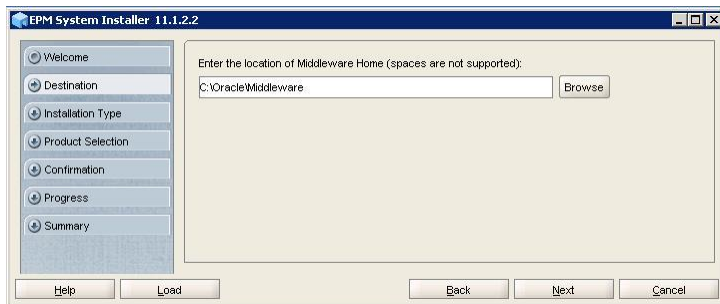
- 1 In Windows Explorer, navigate to the `EPM_rapid_unzipped` folder, and double-click `installTool.cmd`.
- 2 In EPM System Installer, select a language, and then click **OK**.



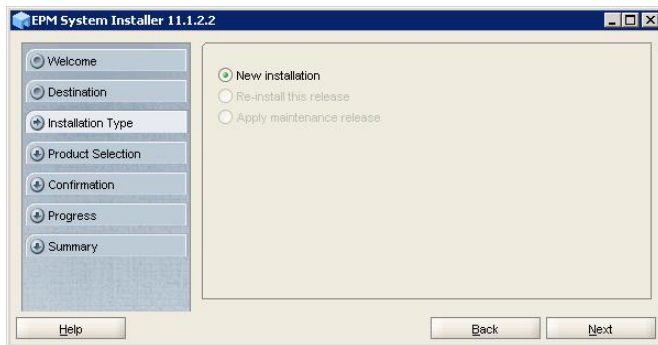
3 In Welcome, verify that your system has passed all prerequisite checks, and then click Next.



4 In Destination, click Next.



5 In Installation Type, ensure that New installation is selected, and then select Next.



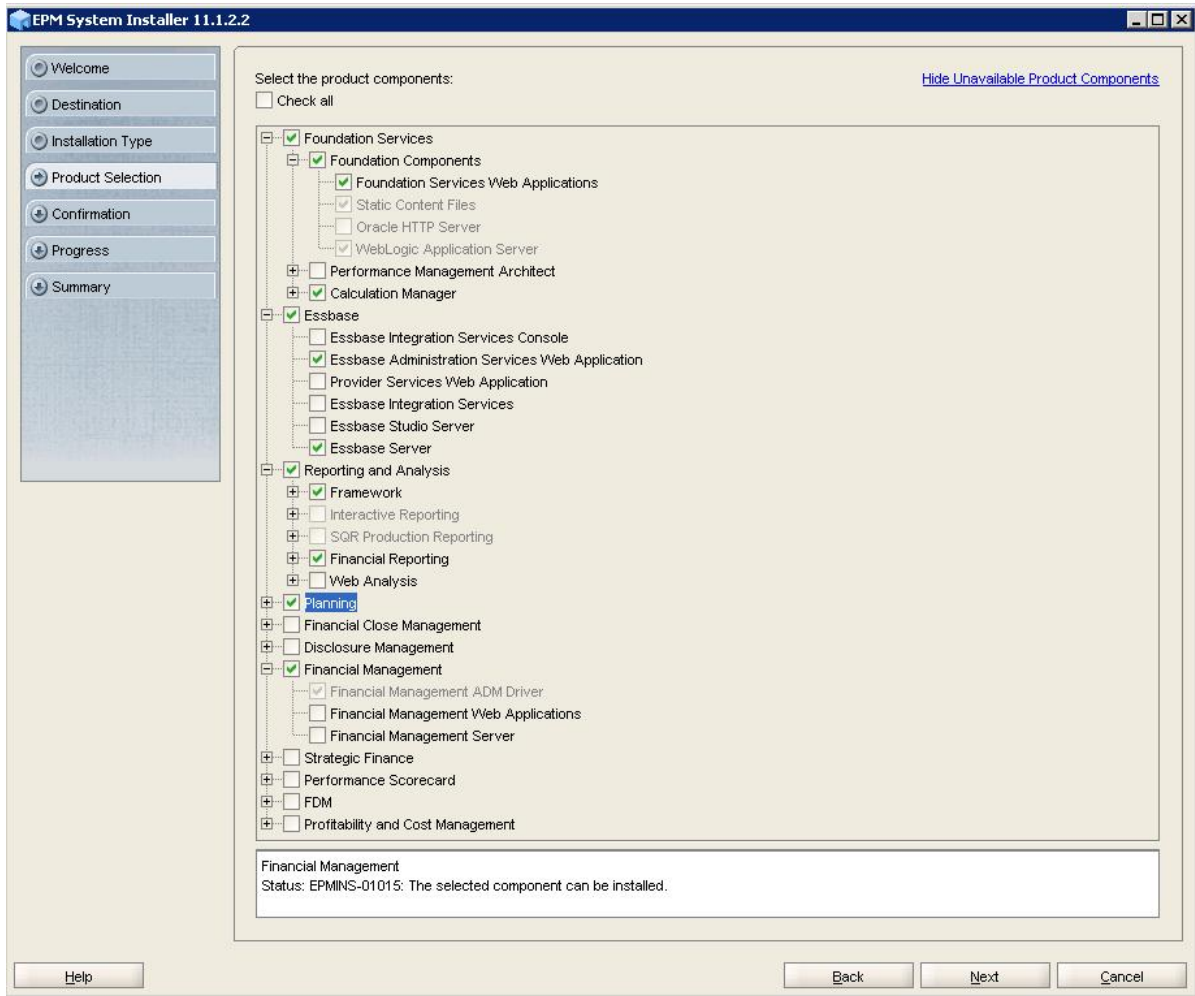
6 In Product Selection, clear (uncheck) Uncheck all.

- a. Select the following Foundation Services components:
 - **Foundation Components**
 - **Calculation Manager**
- b. Select the following Essbase components:
 - **Essbase Administration Services Web Application**
 - **Essbase Server**
- c. Select the following Reporting and Analysis components:

- **Framework**
- **Financial Reporting.**

d. Select **Planning**.

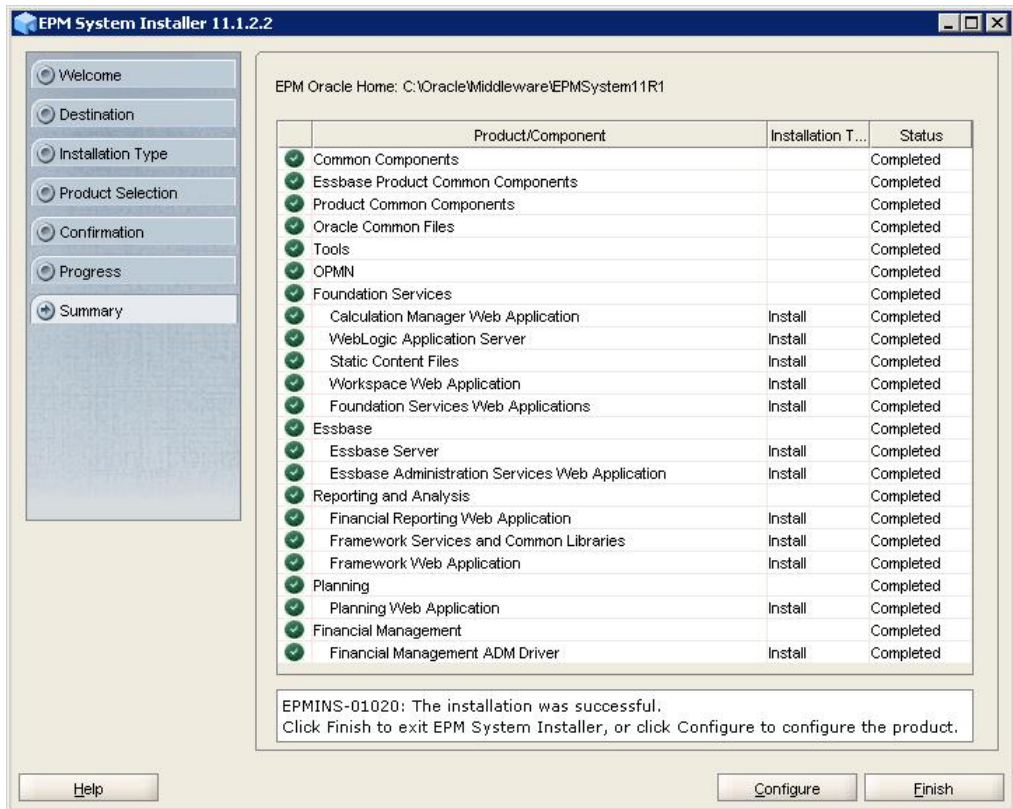
e. Click **Next**.



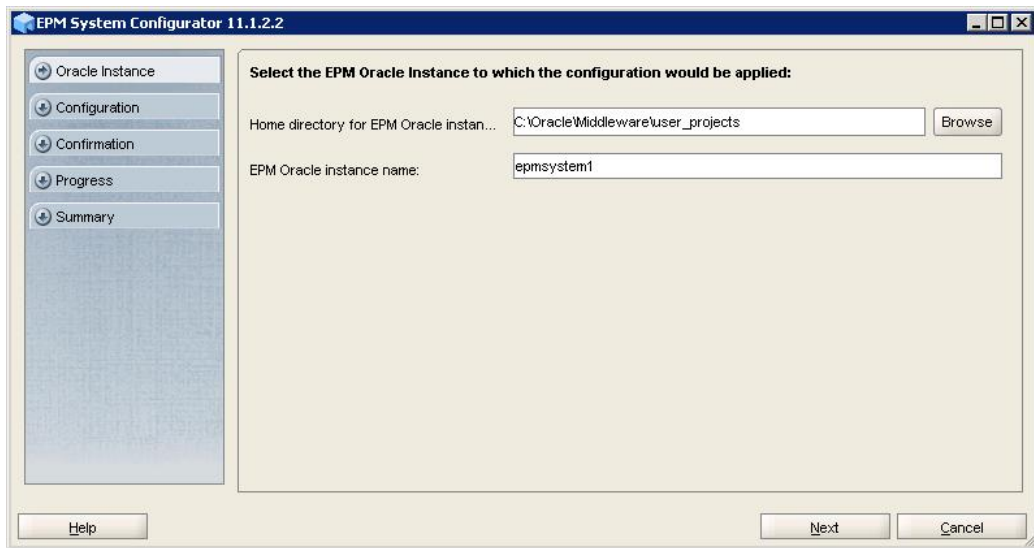
7 In Confirmation, click **Next**.

8 In Progress, monitor the installation status.

9 In Summary, click **Configure**.

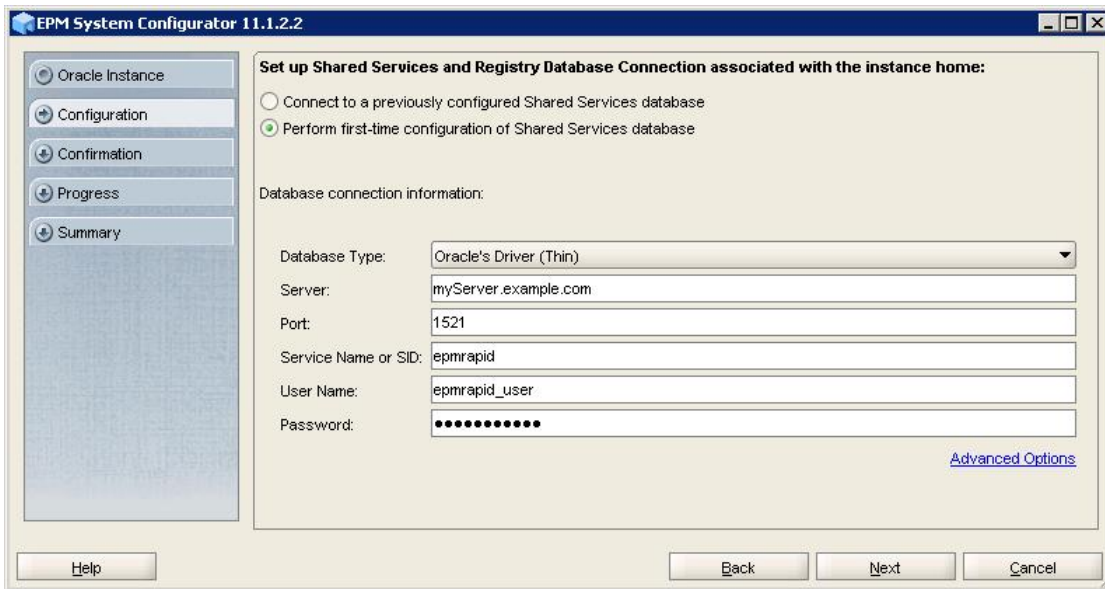


10 In Oracle Instance, click **Next** to use the default values to create an EPM Oracle instance.

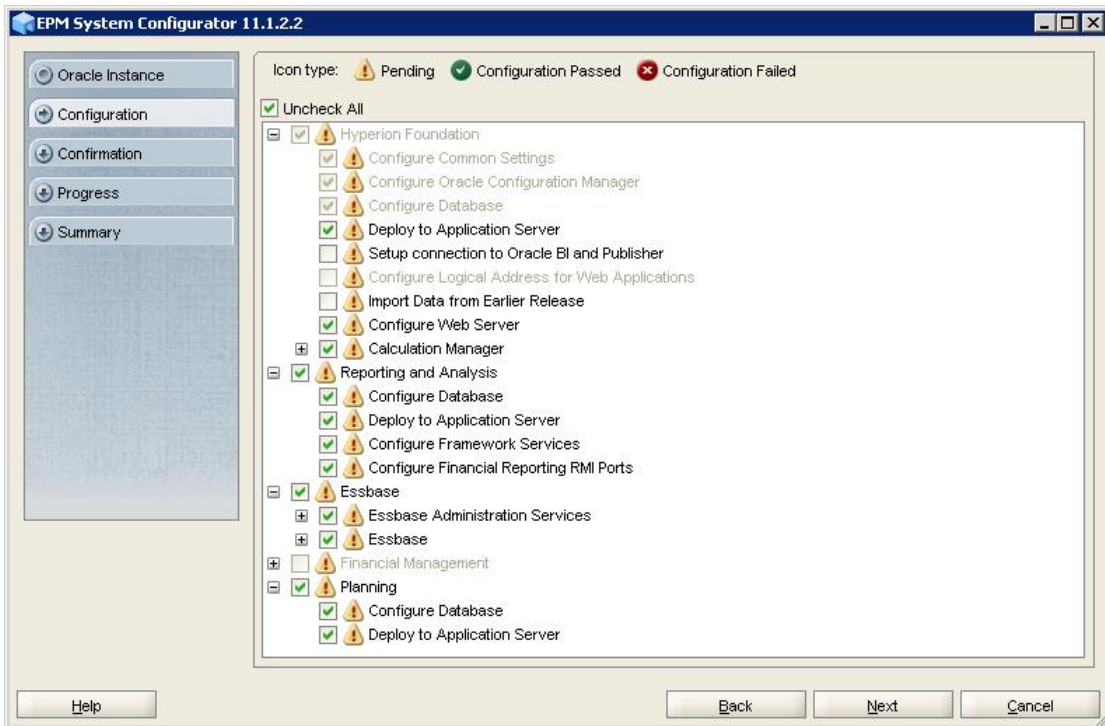


11 In the database configuration screen, enter the following information, and then click **Next**. Use default values for all remaining fields and selections.

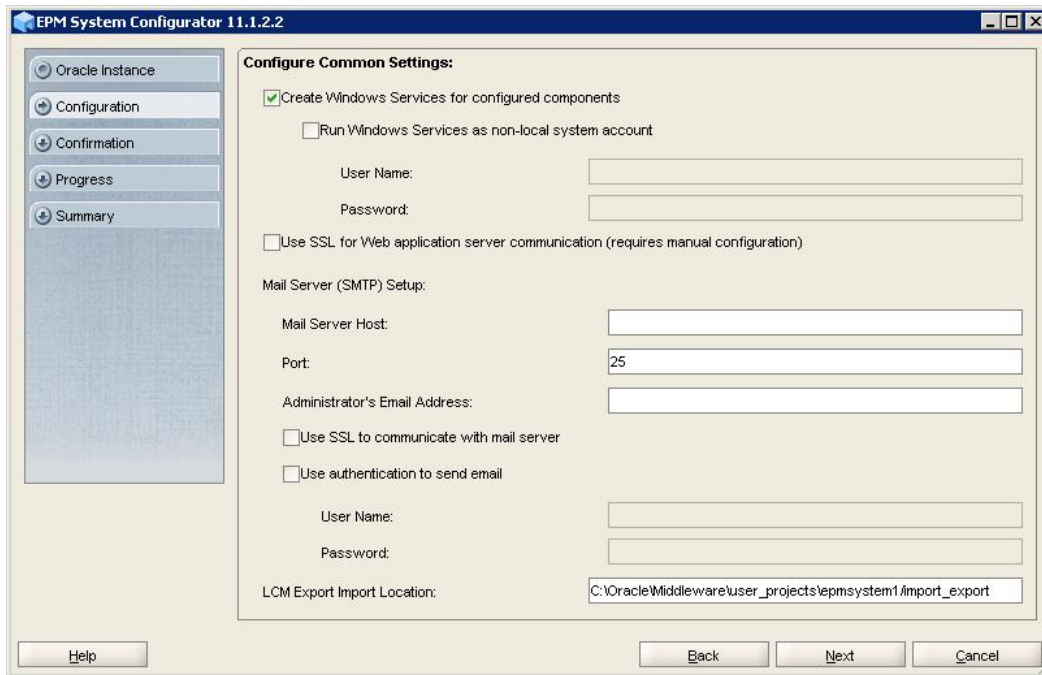
- **Service Name or SID**—Enter `epmrapid`.
- **User Name**—Enter `epmrapid_user`.
- **Password**—Enter the deployment password.



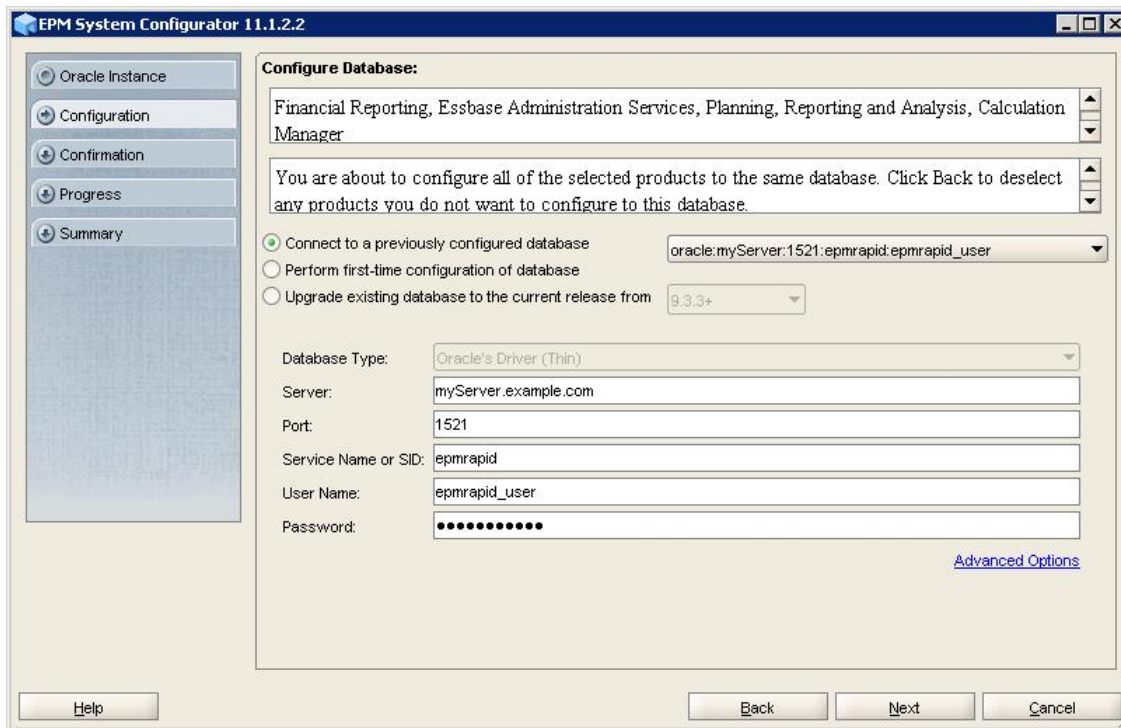
12 In the component configuration screen, click **Next**.



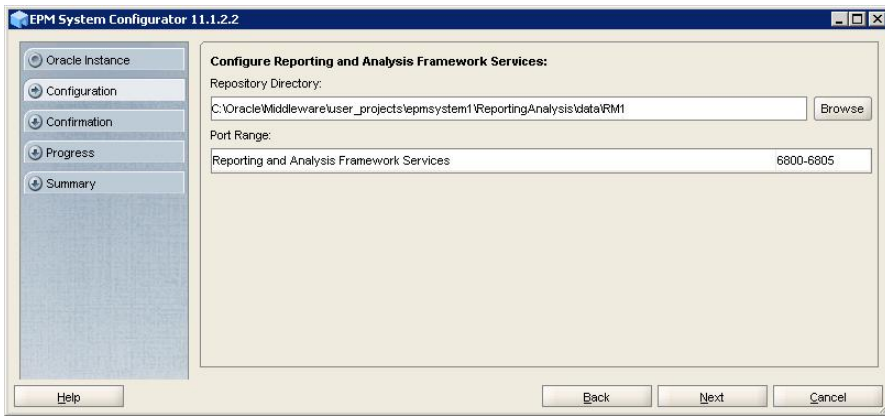
13 In Configure Common Settings, click **Next**.



14 In Configure Database, use the default values, and then click Next.

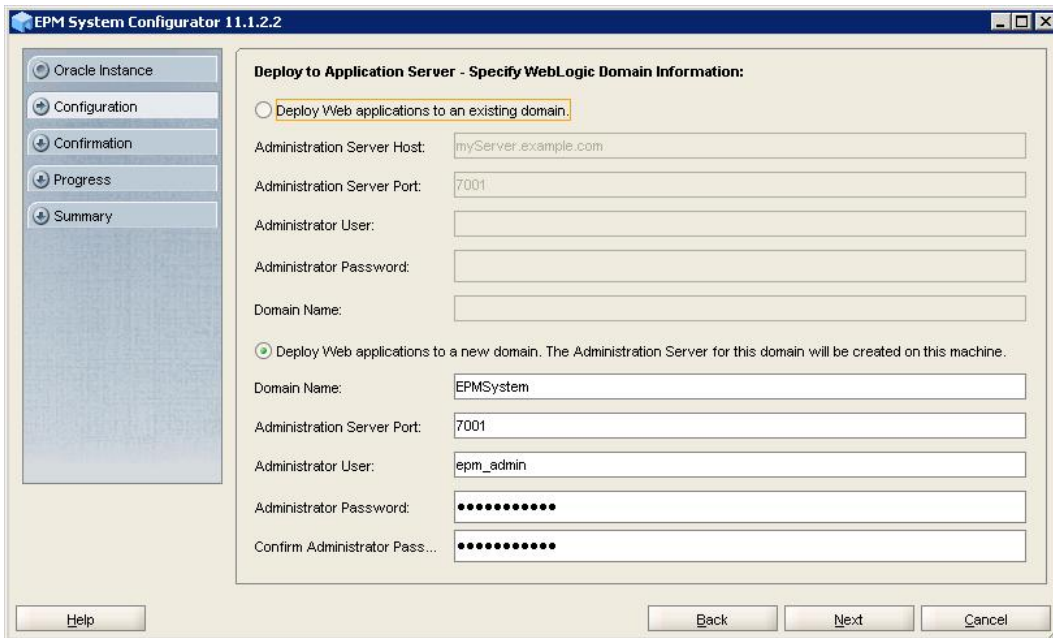


15 In Configure Reporting and Analysis Framework Services, click Next.

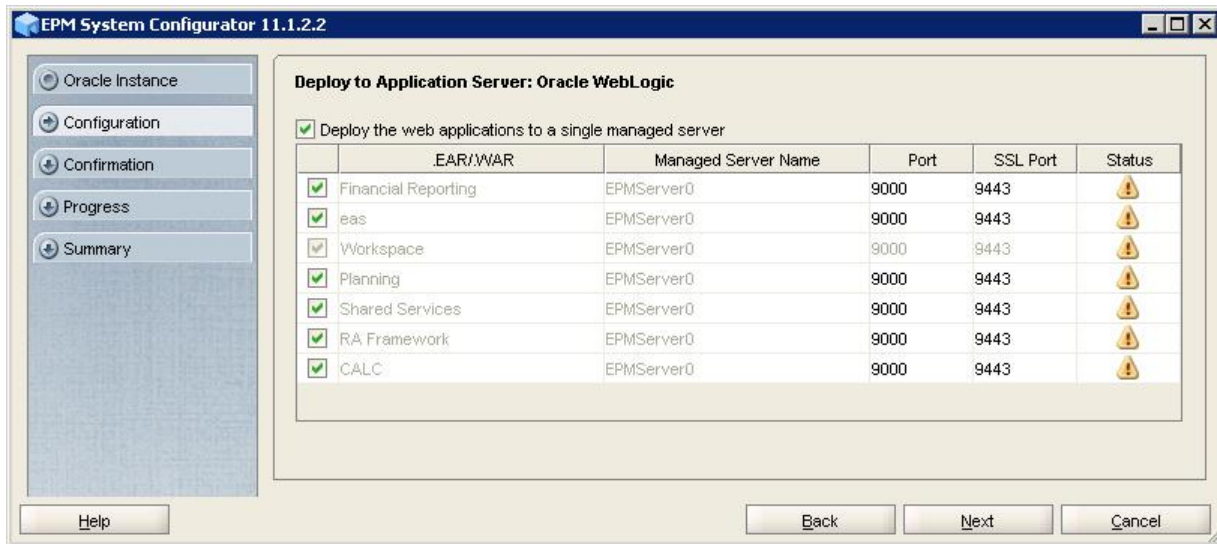


16 In Deploy to Application Server – Specify WebLogic Domain Information, enter the following values, and then click **Next**. Use the default values in the remaining fields.

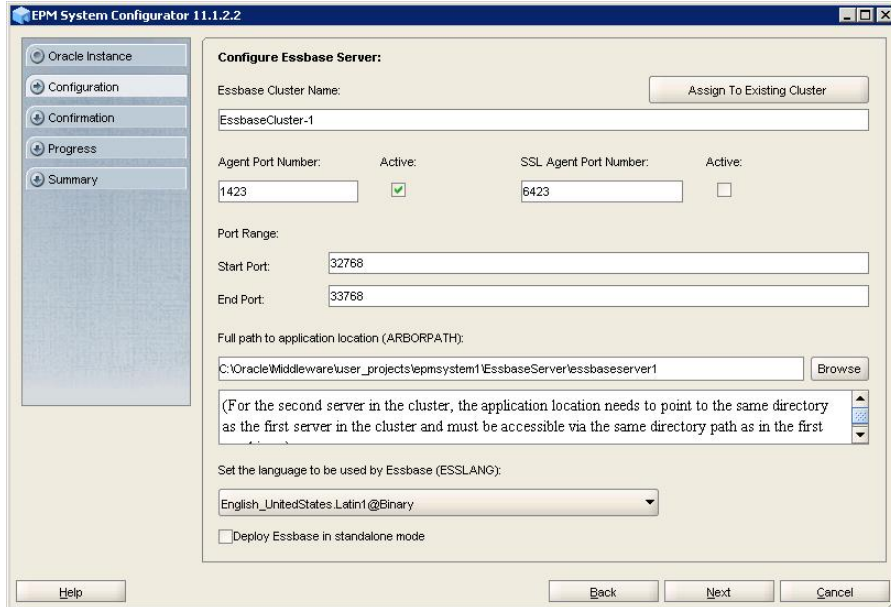
- **Administrator Password**—Enter the deployment password.
- **Confirm Administrator Password**—Reenter the deployment password.



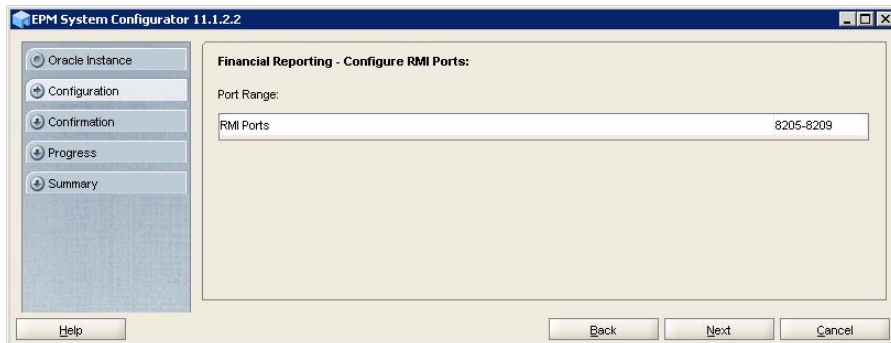
17 In Deploy to Application Server: Oracle WebLogic, click **Next**.



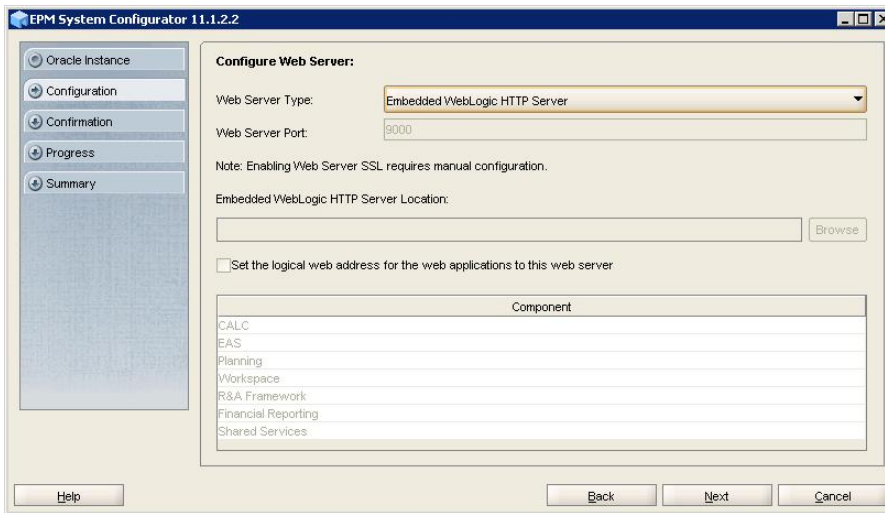
18 In Configure Essbase Server, select a language in **Set the language to be used by Essbase (ESSLANG)**, and then click **Next**.



19 In Financial Reporting – Configure RMI Ports, click **Next** to use the default values.



20 In Configure Web Server, click **Next** to use the default values.



21 In Oracle Configuration Manager Registration, clear (uncheck) **I wish to receive security updates via my Oracle Support**, and then click **Next**.

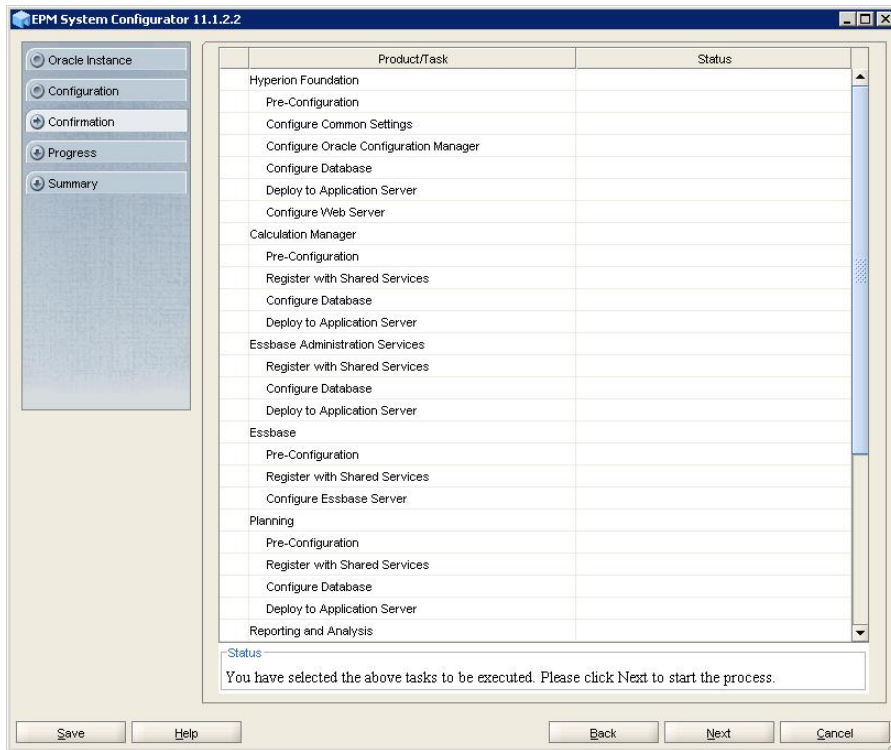


22 In Email Address Not Specified, click **Yes**.

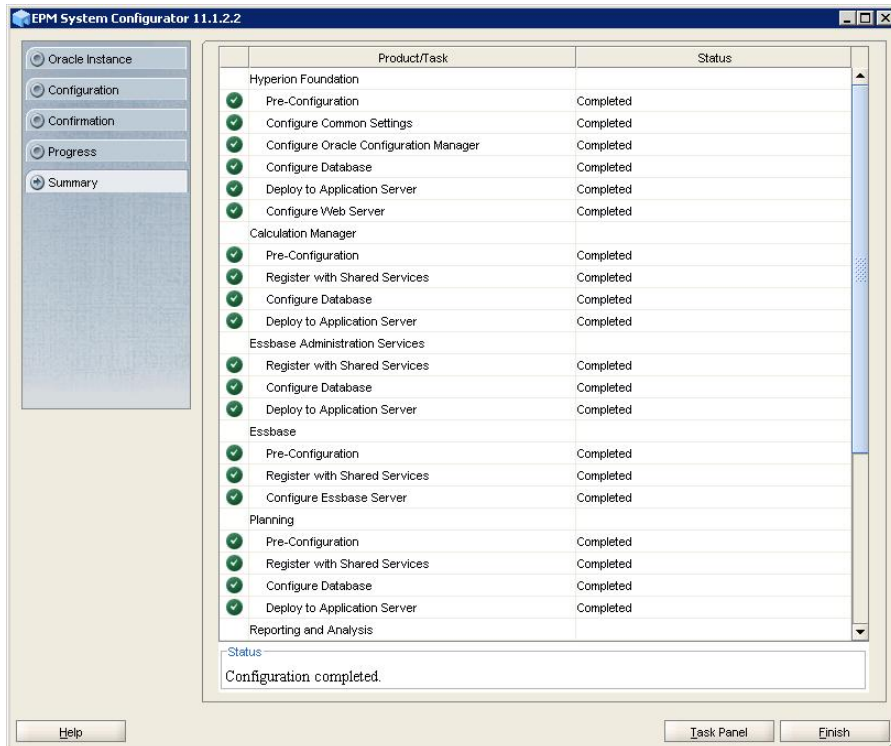
23 In Set Shared Services Admin User and Password, enter the deployment password in **Password** and **Re-type Password**, and then click **Next**.



24 In Confirmation, click **Next** to initiate the deployment process.



25 In Summary, click Finish.



26 Install Oracle Essbase Administration Services.

- a. Using Windows Explorer, navigate to `epm_rapid_unzipped/EssbaseAdministrationServicesConsole`.
- b. Double-click `EASConsole.exe`.

- c. In the Installation Wizard, select a language, and then click **OK**.

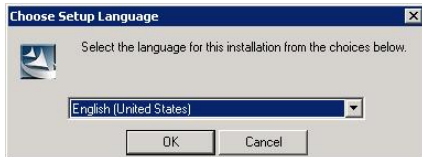


- d. Click **Next** in all installation wizard screens.
- e. In Ready to Install the Program, click **Install**.
- f. In InstallShield Wizard Completed, click **Finish**.

27 Install Financial Reporting Studio.

These steps install the client components for Financial Reporting Studio.

- a. In Windows Explorer, navigate to `EPM_rapid_unzipped \FinancialReportingStudio`, and double-click `FinancialReportingStudio.exe`.
- b. In Choose Setup Language, select a language, and click **OK**.



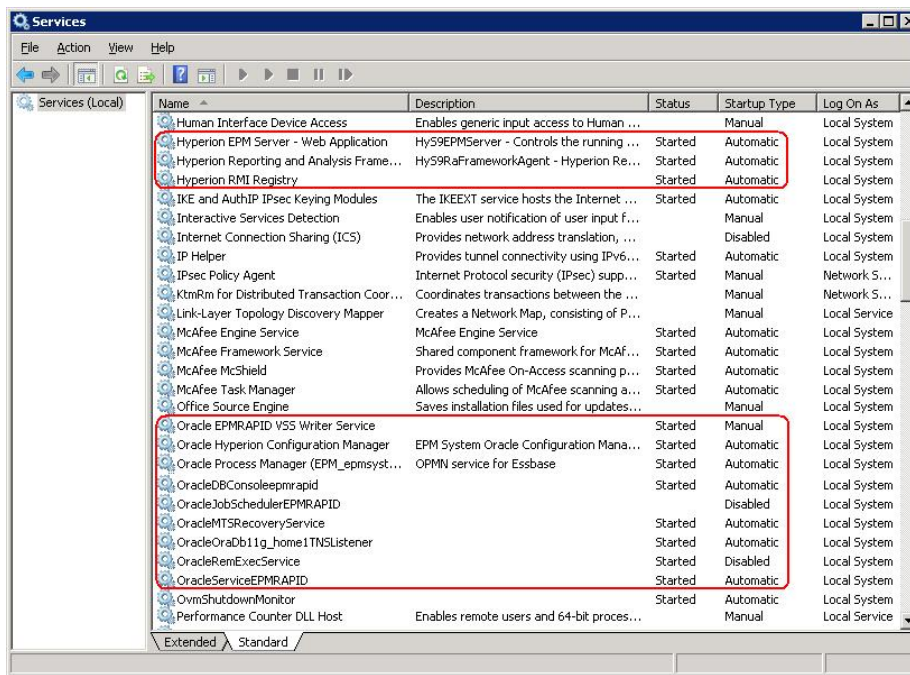
- c. Click **Next** in all installer wizard screens.
- d. In Ready to Install the Program, click **Install**.
- e. In InstallShield Wizard Completed, click **Finish**.

28 On your server, select **Start**, then **All Programs**, then **Oracle EPM System**, then **Foundation Services**, and then **Start EPM System**.

This process takes approximately 15 minutes.

29 Confirm that processes are running by viewing Windows services.

- a. On your server, select **Start**, and then **Run**.
- b. In **Open**, type `services.msc`, and then click **OK**.
- c. In Services, verify that the startup status of Hyperion and Oracle services matches those indicated in the following screen shot:



30 Install Oracle Hyperion Smart View for Office.

- Using Windows Explorer, navigate to `epm_rapid_unzipped/SmartView`.
- If you have Microsoft Office 2010, 32 bit version installed, double-click `SmartView.exe`. If you have Microsoft Office 2010, 64 bit version installed, `SmartView-64.exe`.
- In the Installation Wizard, select a language, and then click **OK**.



- Click **Next** in all installation wizard screens.
- In Ready to Install the Program, click **Install**.
- In InstallShield Wizard Completed, click **Finish**.

31 Select **Start**, then **All Programs**, then **Oracle EPM System**, then **Foundation Services**, then **epmsystem1**, and then **EPM System Diagnostic**.

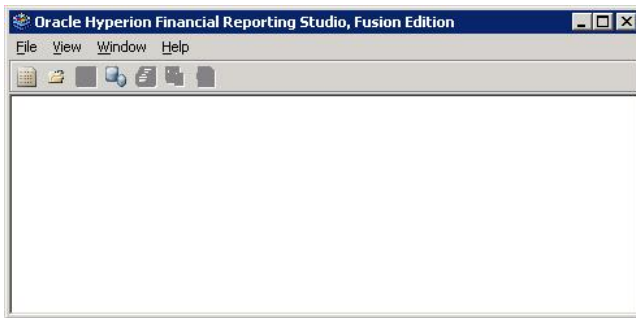
Oracle Enterprise Performance Management System runs diagnostic scripts. Diagnostic Test results are displayed in your browser.

32 Review the diagnostics report and verify that all deployed products have passed the tests. You can ignore Interactive Reporting diagnostic checks that indicate failure, because Interactive Reporting is not part of the deployment.



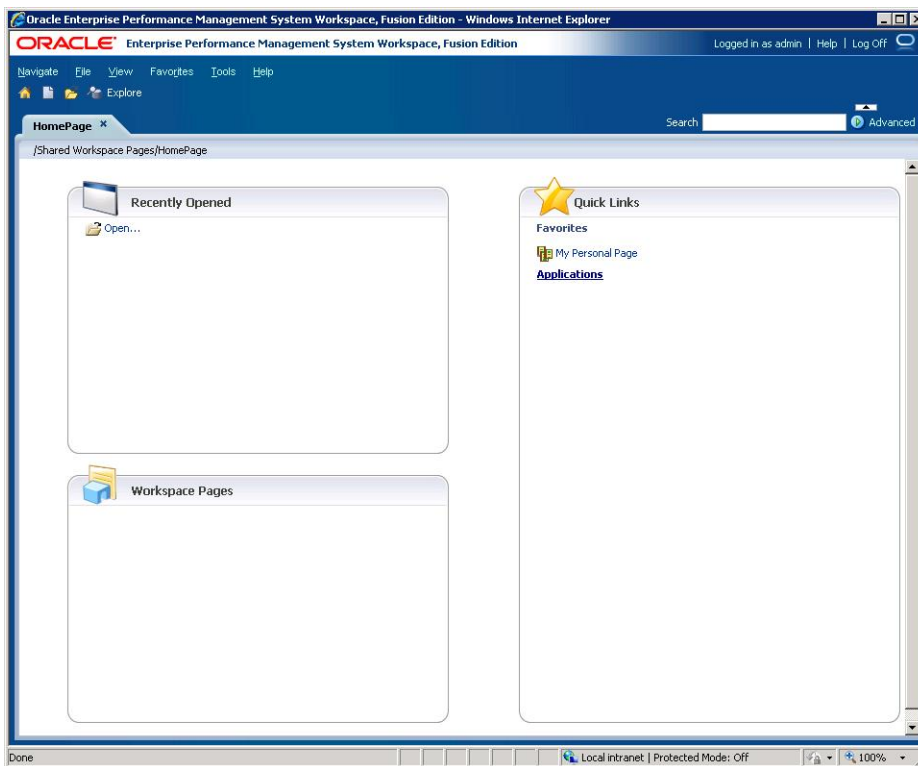
33 Verify that you can access Financial Reporting Studio.

- a. Select **Start**, then **All Programs**, then **Oracle**, then **Financial Reporting Studio**, and then **Financial Reporting Studio**.
- b. On Logon, enter the following information, and then select **OK** to open Financial Reporting Studio.
 - **User Name**—Enter admin.
 - **Password**—Enter the deployment password.
 - **Server URL**—Enter `http://HostName:9000`. Replace *HostName* with the name of your server.



34 Verify that you can access Oracle Hyperion Enterprise Performance Management Workspace, and Planning Administration Wizard.

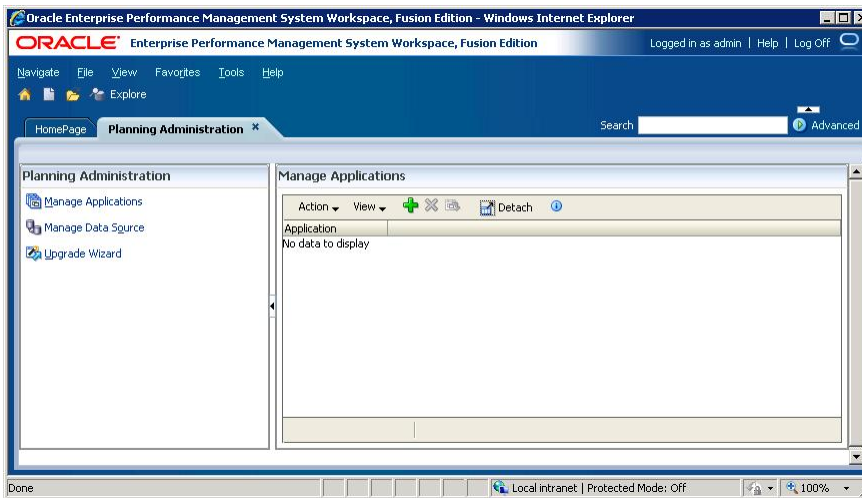
- a. Select **Start**, then **All Programs**, then **Oracle EPM System**, then **Workspace**, and then **Workspace URL**.
- b. On Logon, enter:
 - **User Name**—Enter admin.
 - **Password**—Enter the deployment password.
- c. Click **Log On**.



- d. Select **Navigate**, then **Administer**, and then **Planning Administration**.

Click **OK** if a warning about compatibility settings is displayed.

The Classic Application Wizard is displayed. This wizard is used for creating Classic Oracle Hyperion Planning, applications.



35 Verify that you can access Administration Services Console.

- a. Select **Start**, then **All Programs**, then **Oracle EPM System**, then **Essbase**, then **Essbase Administration Services**, and then **Start Administration Services Console**.
- b. On the **Logon** screen, enter the following information, and then click **OK**.
 - **Administration Server**—Enter *HostName:9000*.
 - **User Name**—Enter *admin*.
 - **Password**—Enter the deployment password.



Oracle Essbase Administration Services Console opens.

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EPM System Rapid Deployment of Oracle Hyperion Planning in Development Environments, 11.1.2.2

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