ORACLE® HYPERION ENTERPRISE PERFORMANCE MANAGEMENT SYSTEM

RELEASE 11.1.2.1

RAPID DEPLOYMENT OF PLANNING DOMAIN FOR DEVELOPMENT ENVIRONMENTS

ORACLE®
ENTERPRISE PERFORMANCE
MANAGEMENT SYSTEM

CONTENTS IN BRIEF

About this Document

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

- Oracle Hyperion Planning, Fusion Edition
- Oracle's Hyperion® Foundation Services
- Hyperion Calculation Manager
- Oracle Essbase
- Oracle Hyperion Financial Reporting, Fusion Edition
- Oracle Hyperion Smart View for Office, Fusion Edition
- Required products including Oracle Database, Oracle WebLogic Server, and Oracle HTTP 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	A program, such as 7-Zip or WinZip, to extract the contents of media packs

User Account

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

- 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.

Verifying Local Security Policy Assignments

➤ To verify that local security policies are assigned to deployment user:

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 illustration include the Administrators group. Double-click the security setting of the policy to view its properties and assignments.
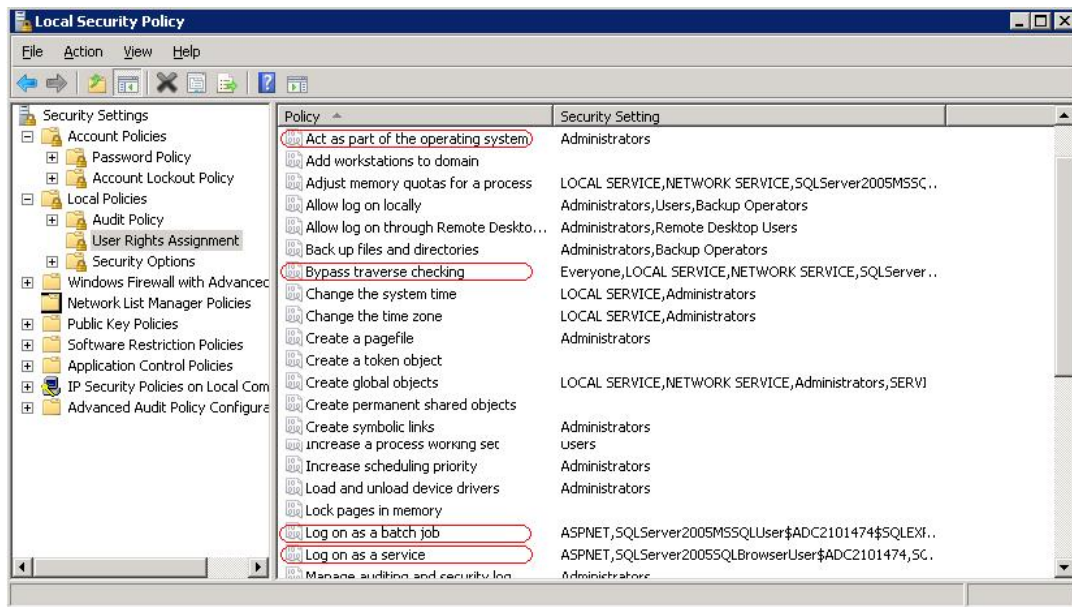
Disabling User Account Control

➤ 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**.
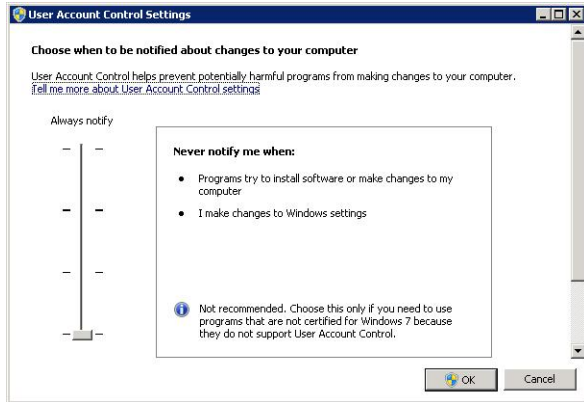
6 Click **OK**.

Deployment Password

Select a password for your deployment. This password will be used for Oracle Database Administrator, Oracle Database User, WebLogic Administrator, and EPM Administrator. This password is referred to as `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

● Cannot contain special characters

An example of an acceptable password is `1Rapidepm`.

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 11*g* Database (Version 11.2.0.1.0) and Oracle Hyperion 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 E-Delivery website:

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, connect to `http://edelivery.oracle.com`.

3   On Oracle E-Delivery web site, click **Sign In / Register**.

4   In **Sign In**, enter your E-Delivery user name and password, and then click **Sign In**.

5   On **terms and Restrictions**, read and accept the Trial License and Export Restrictions agreements, and then click **Continue**.

6   Download part numbers to install Oracle Database 11*g*.

   a.   In **Media Pack Search**, search for `Oracle Database` product pack for `Microsoft Windows x64 (64-bit)`, and then select **Go** to start the search.

b. From **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**.

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 11*g* 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 11*g* Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 2 of 2)

Export Validation   Search   Download

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.

   a.   From the browser, navigate back to **Media Pack Search**.

   b.   In **Media Pack Search**, search for `Oracle Enterprise Performance Management System` for `Microsoft Windows x64 (64-bit)` platform, and then select **Go** to start the search.

   c.   In **Results**, select **Oracle Enterprise Performance Management (11.1.2.1.0) Media Pack for Microsoft Windows x64 (64-bit)**, and then click **Continue**.

Export Validation   Search   Download

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 [Oracle Enterprise Performance Management System ▾] ⓘ
Platform [Microsoft Windows x64 (64-bit) ▾]

Go

Results

Select	Description	Release ▽	Part Number	Updated	# Parts / Size
⦿	Oracle Enterprise Performance Management (11.1.2.1.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.2.1.0	B63116-02	MAY-10-2011	62 / 21G
○	Oracle Enterprise Performance Management (11.1.1.3.0) Media Pack for Microsoft Windows x64 (64-bit)	11.1.1.3.0	B55837-14	FEB-11-2011	38 / 14G

Total: 2

Back   Continue

d. Download the following part numbers to `EPM_rapid_downloads`.

Table 3   EPM System Part Numbers to Download

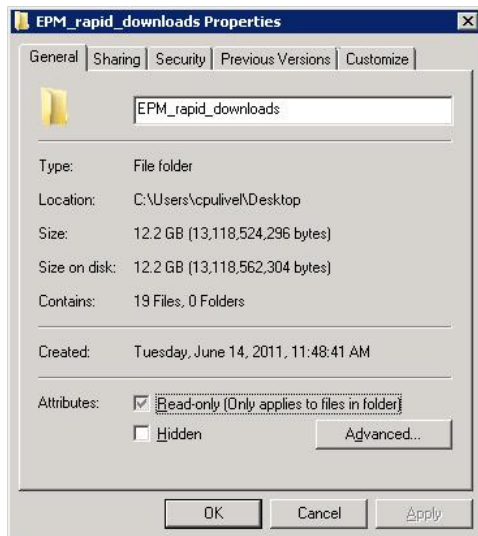| Part Number	Name
V25495-01	Oracle Hyperion Enterprise Performance Management System Installer, Fusion Edition Release 11.1.2.1.0 for Microsoft Windows (64-bit)
V25496-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 1 of 7
V25497-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 2 of 7
V25498-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 3 of 7
V25499-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 4 of 7
V25459-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 5 of 7
V25460-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 6 of 7
V25461-01	Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 7 of 7
V25462-01	Oracle Hyperion Calculation Manager Release 11.1.2.1.0
V25464-01	Oracle Essbase Release 11.1.2.1.0 Part 1 of 2
V25500-01	Oracle Essbase Release 11.1.2.1.0 Part 2 of 2 for Microsoft Windows (64-bit)
V25466-01	Oracle Essbase Clients Release 11.1.2.1.0
V25468-01	Oracle Hyperion Financial Reporting, Fusion Edition Release 11.1.2.1.0
V25469-01	Oracle Hyperion Financial Reporting Studio and Print Server, Fusion Edition Release 11.1.2.1.0 for Microsoft Windows
V25470-01	Oracle Hyperion Enterprise Performance Management Reporting and Analysis Core Components Release 11.1.2.1.0
V25477-01	Oracle Hyperion Planning, Fusion Edition Release 11.1.2.1.0
V25494-01	Oracle Hyperion Enterprise Performance Management System Additional Content Release 11.1.2.1.0

8   Verify the size of `EPM_rapid_downloads`, which contains the part numbers indicated in the following illustration:

Name ▲	Date modified	Type	Size
V20610-01_1of2	6/14/2011 5:05 PM	WinZip File	1,185,061 KB
V20610-01_2of2	6/14/2011 5:05 PM	WinZip File	984,365 KB
V25459-01	6/7/2011 4:33 PM	WinZip File	1,788,208 KB
V25460-01	6/7/2011 4:24 PM	WinZip File	50,115 KB
V25461-01	6/7/2011 4:32 PM	WinZip File	1,064,990 KB
V25462-01	6/7/2011 5:46 PM	WinZip File	5,426 KB
V25464-01	6/7/2011 4:15 PM	WinZip File	380,159 KB
V25466-01	6/7/2011 4:16 PM	WinZip File	143,526 KB
V25468-01	6/7/2011 5:47 PM	WinZip File	94,447 KB
V25469-01	6/7/2011 5:51 PM	WinZip File	86,680 KB
V25470-01	6/7/2011 5:48 PM	WinZip File	139,971 KB
V25477-01	6/7/2011 4:30 PM	WinZip File	119,007 KB
V25494-01	6/7/2011 4:32 PM	WinZip File	1,453,804 KB
V25495-01	6/7/2011 4:24 PM	WinZip File	263,385 KB
V25496-01	6/7/2011 4:26 PM	WinZip File	1,068,570 KB
V25497-01	6/7/2011 4:31 PM	WinZip File	1,286,871 KB
V25498-01	6/7/2011 4:28 PM	WinZip File	1,141,494 KB
V25499-01	6/7/2011 4:31 PM	WinZip File	1,464,003 KB
V25500-01	6/7/2011 4:16 PM	WinZip File	90,985 KB

To verify folder size:

a. In Windows Explorer, right-click `EPM_rapid_downloads`.

b. Select **Properties**. The results should match the following illustration:

EPM_rapid_downloads Properties

General | Sharing | Security | Previous Versions | Customize

EPM_rapid_downloads

Type:	File folder
Location:	C:\Users\cpulivel\Desktop
Size:	12.2 GB (13,118,524,296 bytes)
Size on disk:	12.2 GB (13,118,562,304 bytes)
Contains:	19 Files, 0 Folders
Created:	Tuesday, June 14, 2011, 11:48:41 AM

Attributes: ☑ Read-only (Only applies to files in folder)
☐ Hidden   Advanced...

OK   Cancel   Apply

9   After the media pack downloads are complete, 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 existing files. Select **Yes**.
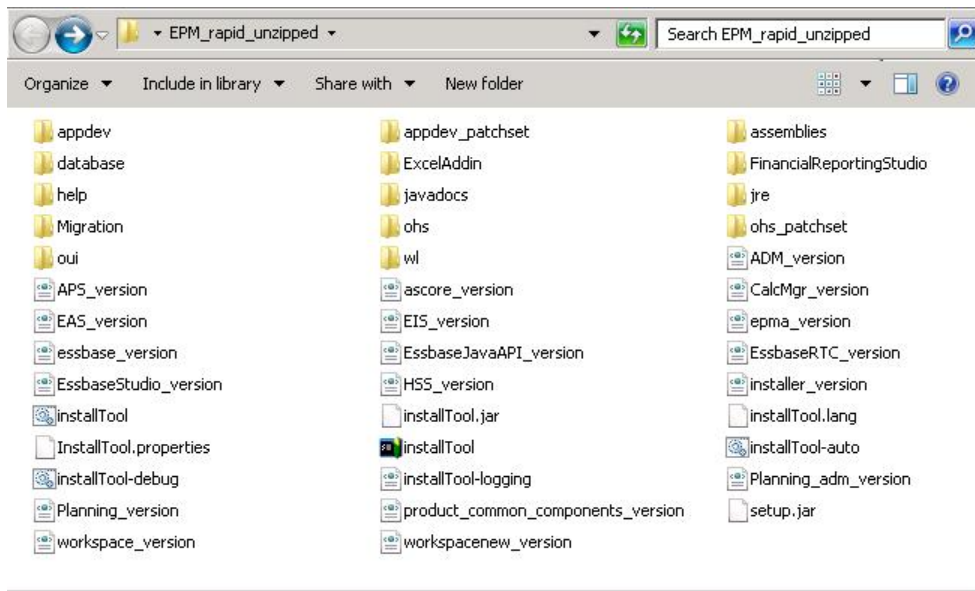
Step 2: Installing and Configuring the Database

➤ 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**, uncheck **I wish to receive security updates via My Oracle Support**, and then select **Next**.

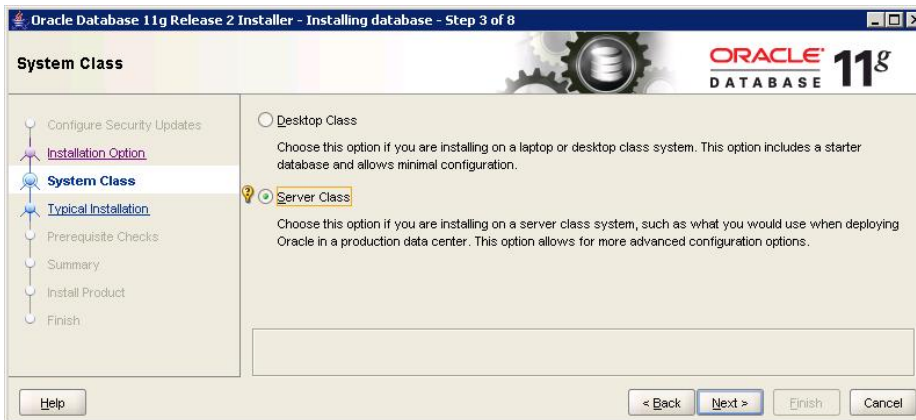A warning that you did not provide an email address is displayed.
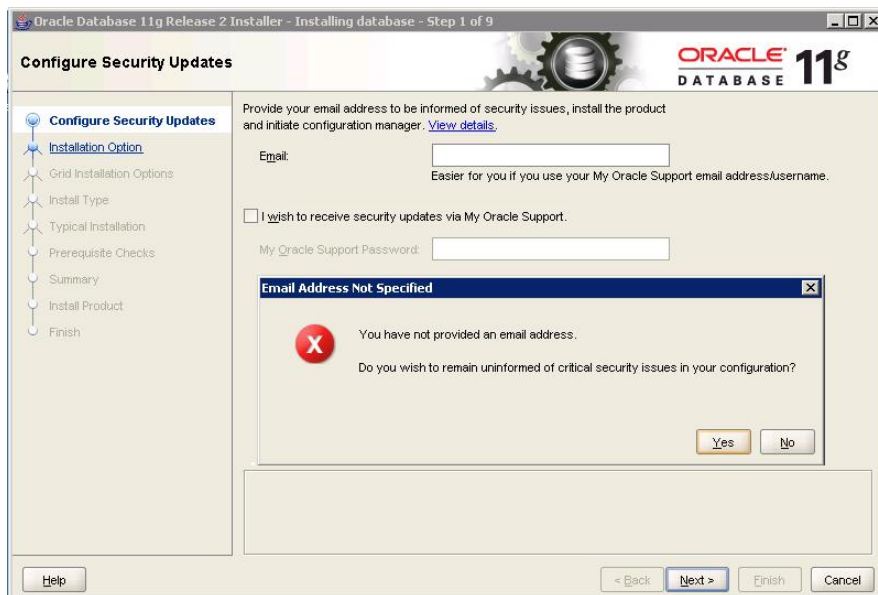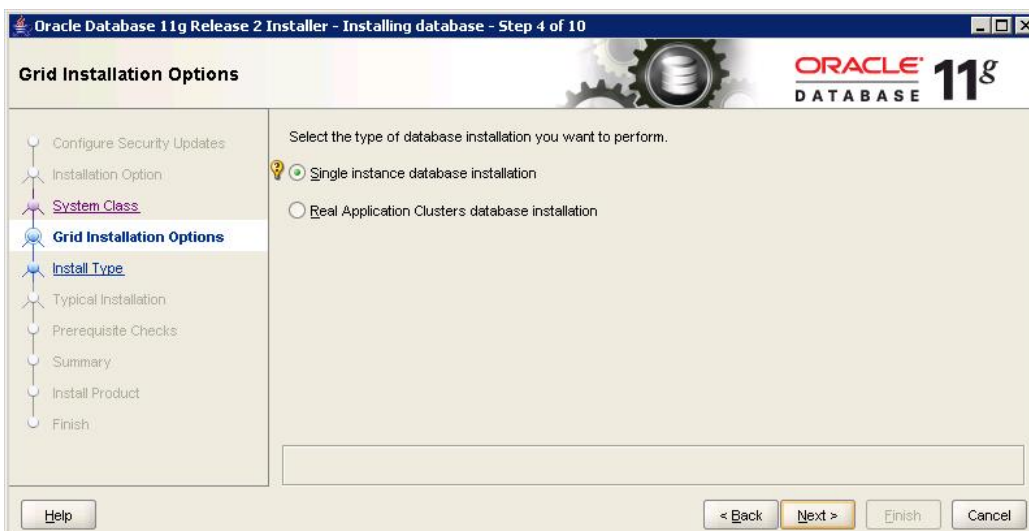

3 In **Email Address Not Specified**, click **Yes**.

4   In **Select Installation Option**, ensure that **Create and configure a database** is selected, and then click **Next**.
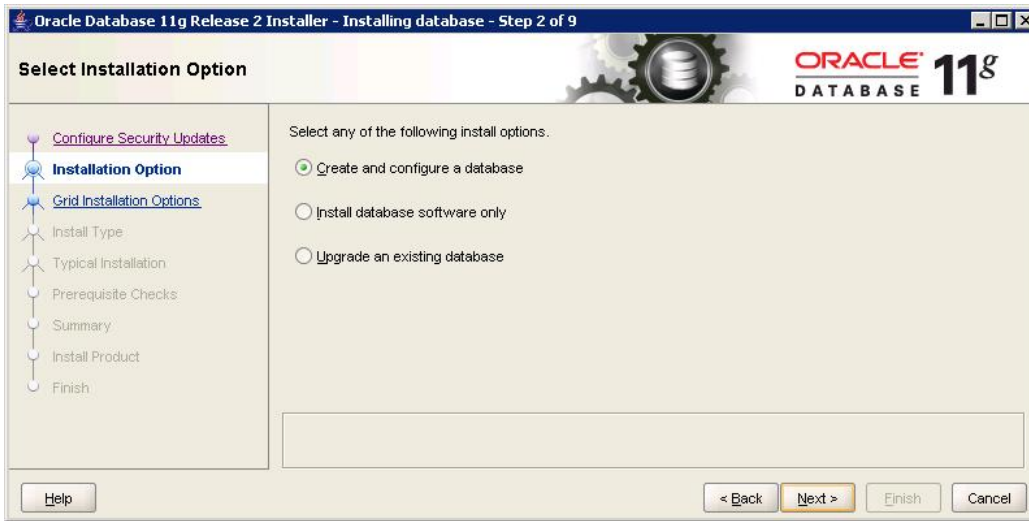
5   In **System Class**, select **Server Class**, and then click **Next**.

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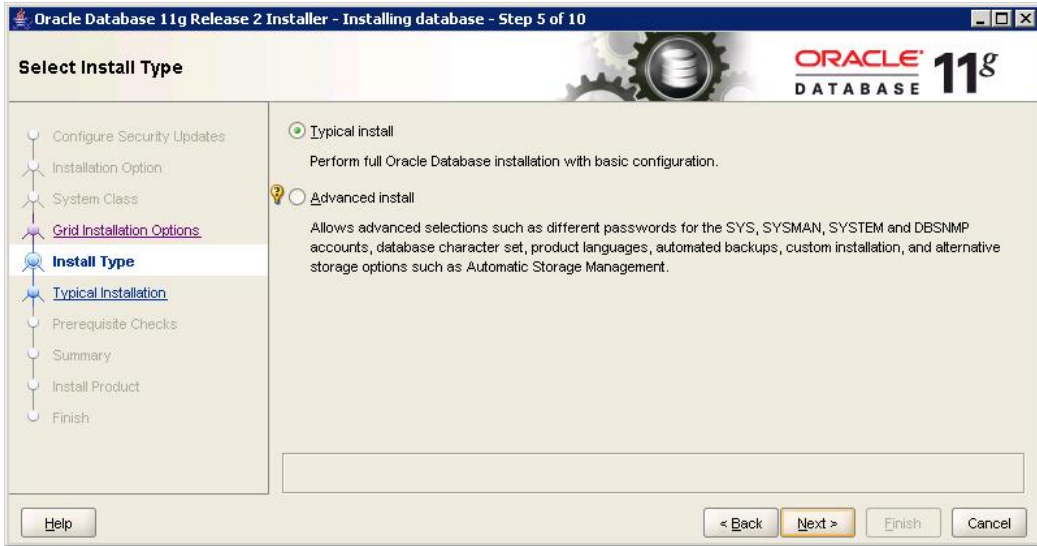
8   In **Typical Install Configuration**, enter the following information. Keep default values for all other fields. Click **Next** when you are done.

● **Database Edition**—Select **Standard Edition One(3.29 GB)**.

● **Global Database Name**—Set to epmrapid.example.com. Be sure to replace example.com with your fully qualified domain name.

● **Administrative Password**—Enter the deployment password.

● **Confirm Password**—Reenter the deployment password.
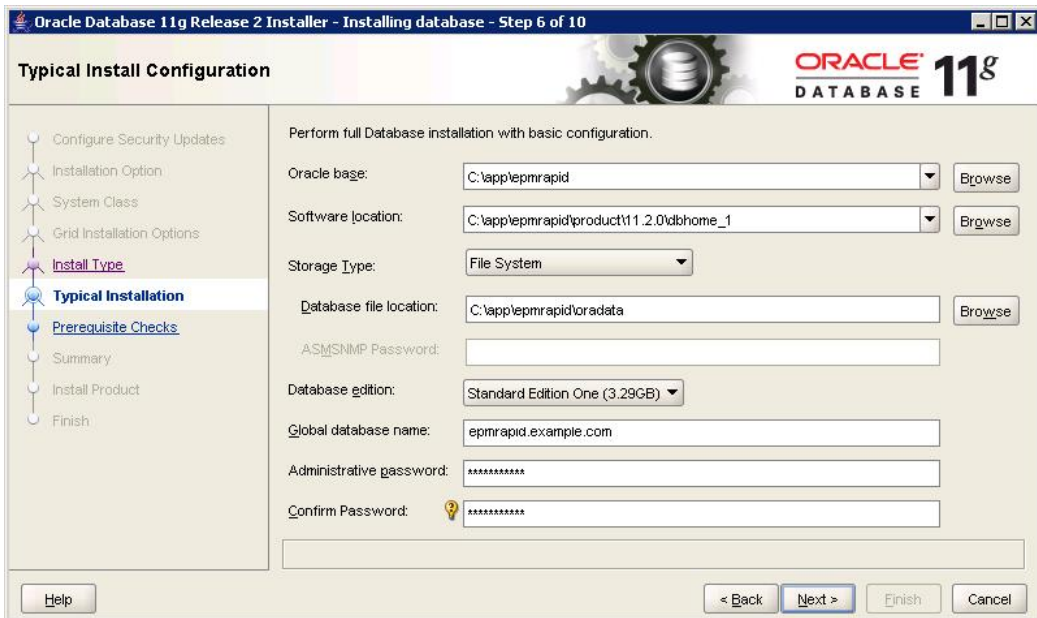
9 In **Summary**, click **Finish.**
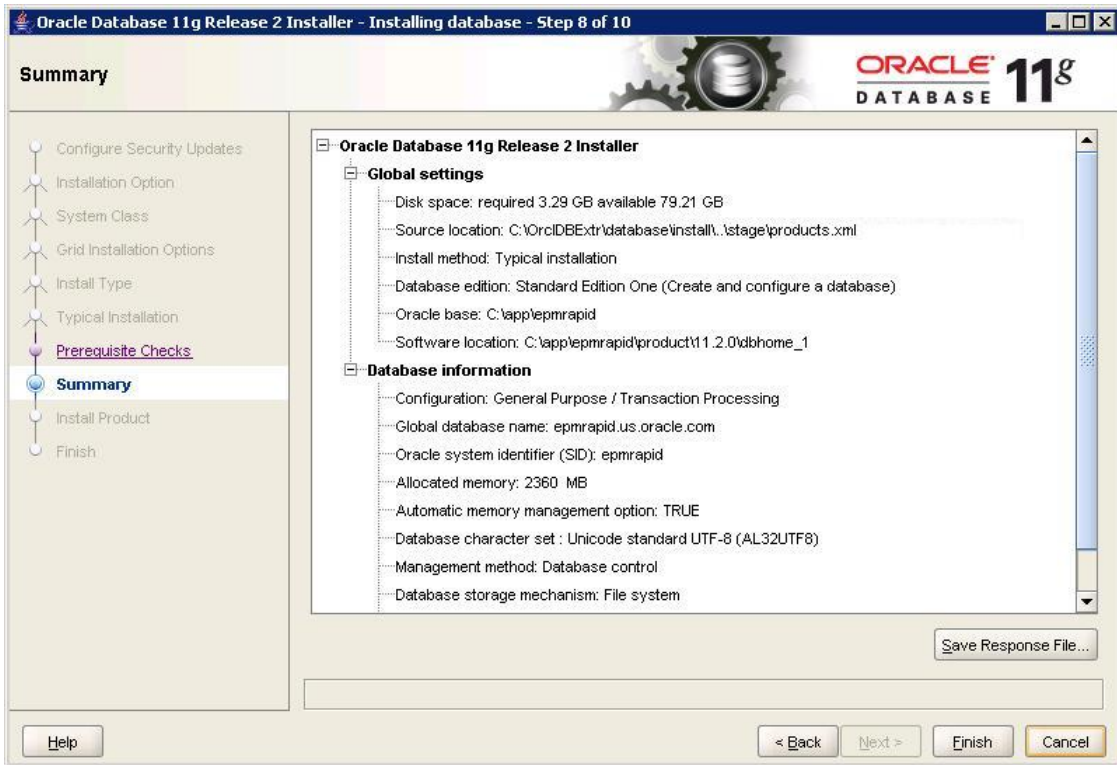
10 In **Install Product**, click **Finish.**

11 After completing the installation process, the installer runs the Database Configuration Assistant.
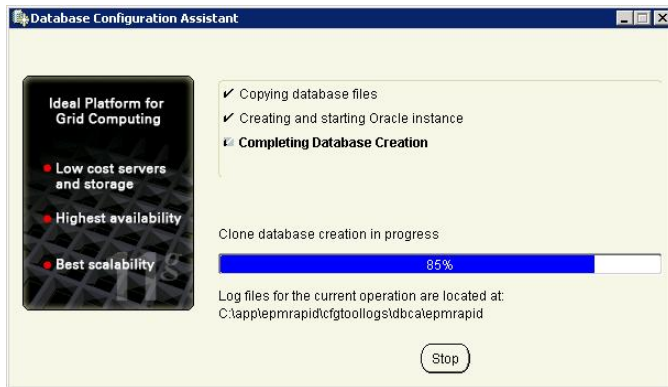
12 In **Database Configuration Assistant** summary, click **OK**.

13 In **Oracle Database 11g Release 2 Installer**, click **Close**.

14 Validate the database installation by selecting **Start**, then **All Programs**, then **Oracle - OraDb11g_home1**, and then **Database Control - epmrapid**.

Because Enterprise Manager Database Control is a secure site, you need a certificate. Select the **Continue to this web site (not recommended)** option.
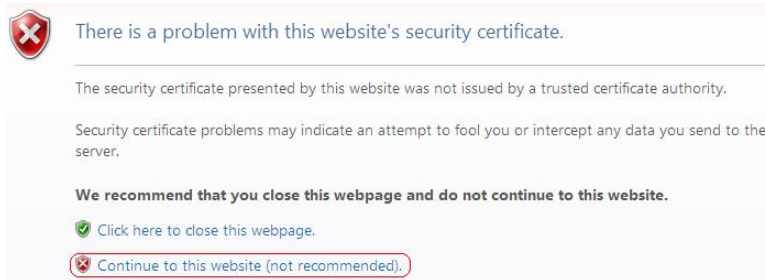
15 Log in as user `SYS` using the deployment password. Select `SYSDBA` role in **Connect As**.
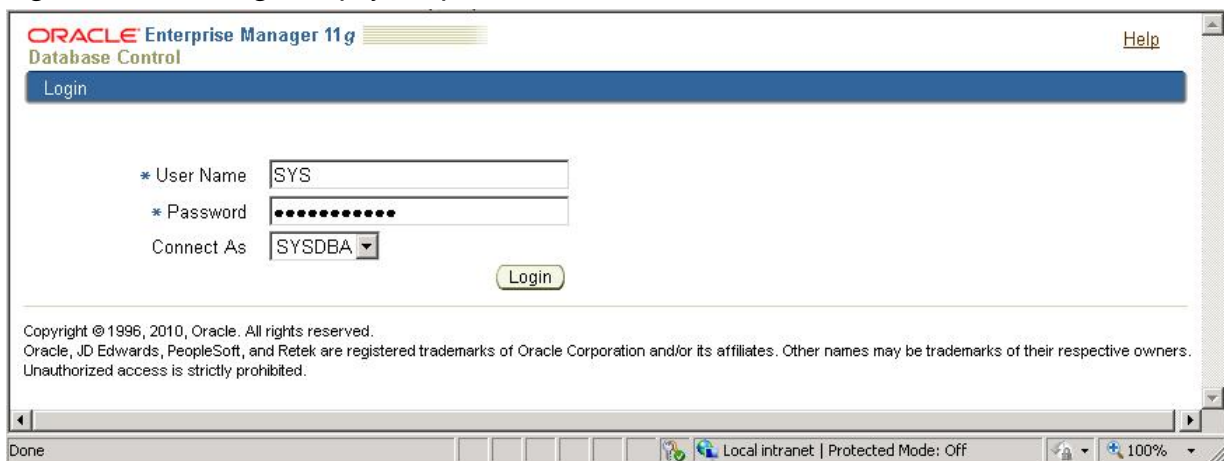
The Oracle Enterprise Manager 11*g* Database Control home page opens.

16 Create database user `epmrapid_user`, who will use default table space.

a. In Oracle Enterprise Manager, select **Server**, and then **Users**.

b. In **Users**, select **Create**.

c. In **General**, enter the following information:

- **Name**—Enter `epmrapid_user`.

- **Enter Password**—Enter the deployment password.

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

d. In **Roles**, select **Edit List**:

e.   In **Available Roles**, select the RESOURCE role, and then move it to **Selected Roles**.

f.   Click **OK**.

g.   In **System Privileges**, select **Edit List**.

h.   Move **CREATE SESSION** and **CREATE VIEW** privileges from **Available System Privileges** to **Selected System Privileges**.
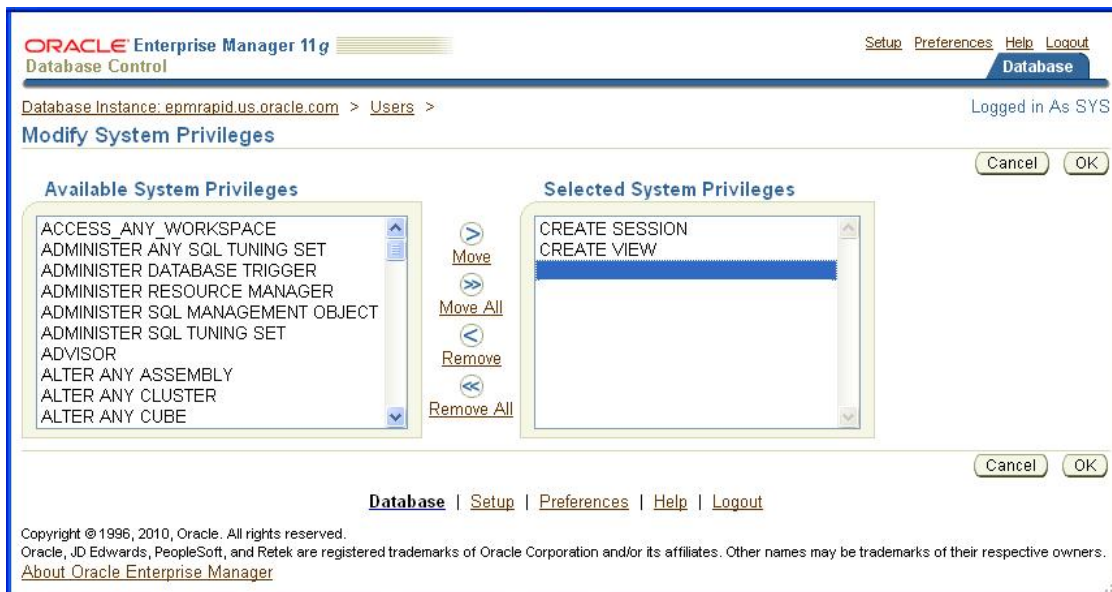
i.   Click **OK**.

j.   In **Create User**, click **OK**.

Step 3: Installing and Configuring EPM System

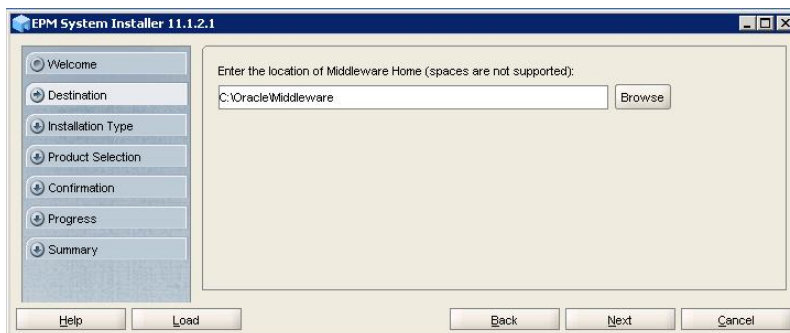This process takes approximately 90 minutes.

➤ 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 click **OK**.

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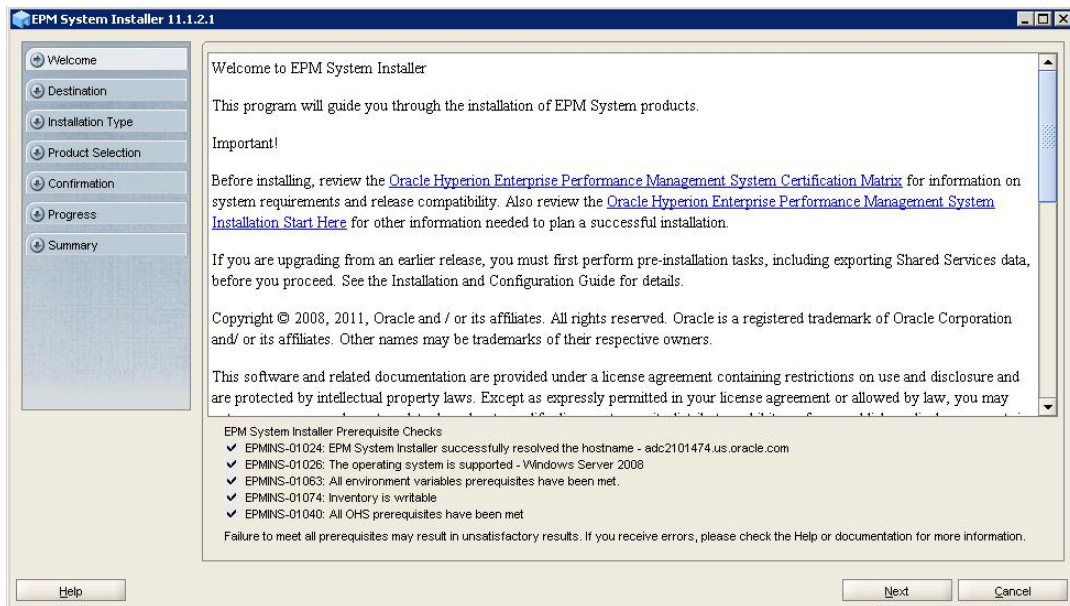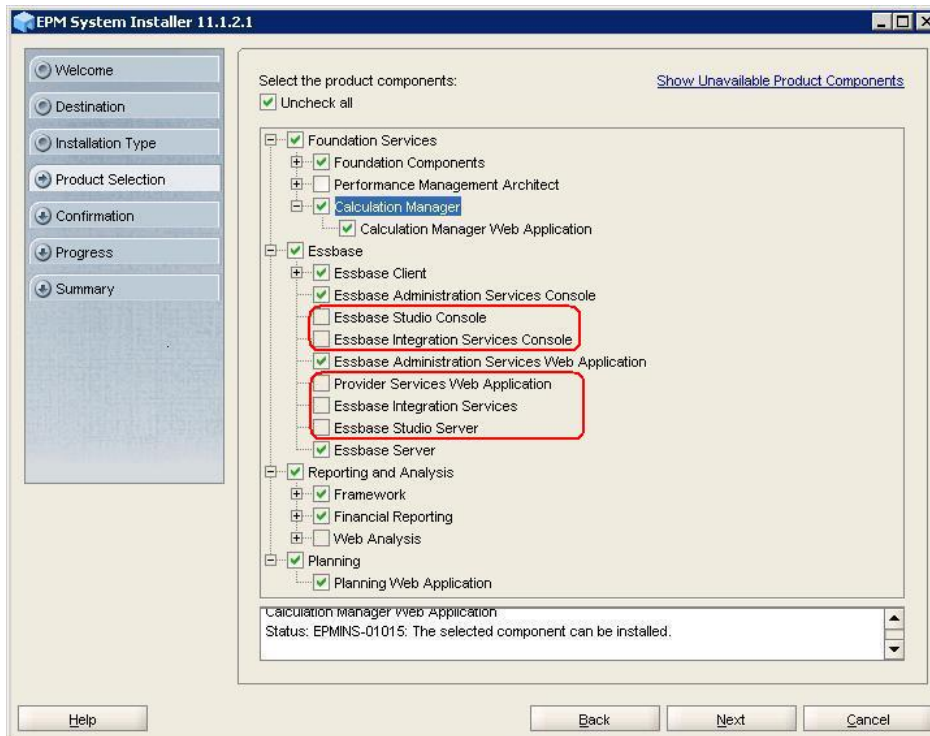
4 In **Destination**, click **Next**.

5 In **Installation Type**, under **New installation**, select **Choose components individually**.
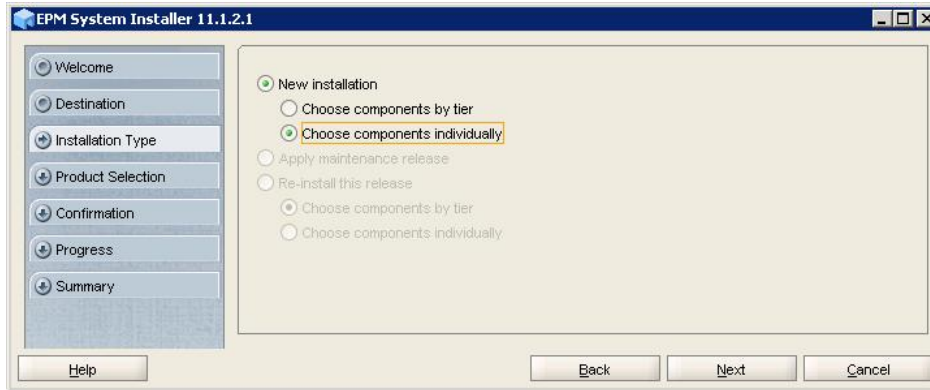
6 In **Product Selection**, uncheck these Oracle Essbase components, and then select **Next**:

- Essbase Studio Console

- Essbase Integration Services Console

- Essbase Integration Services

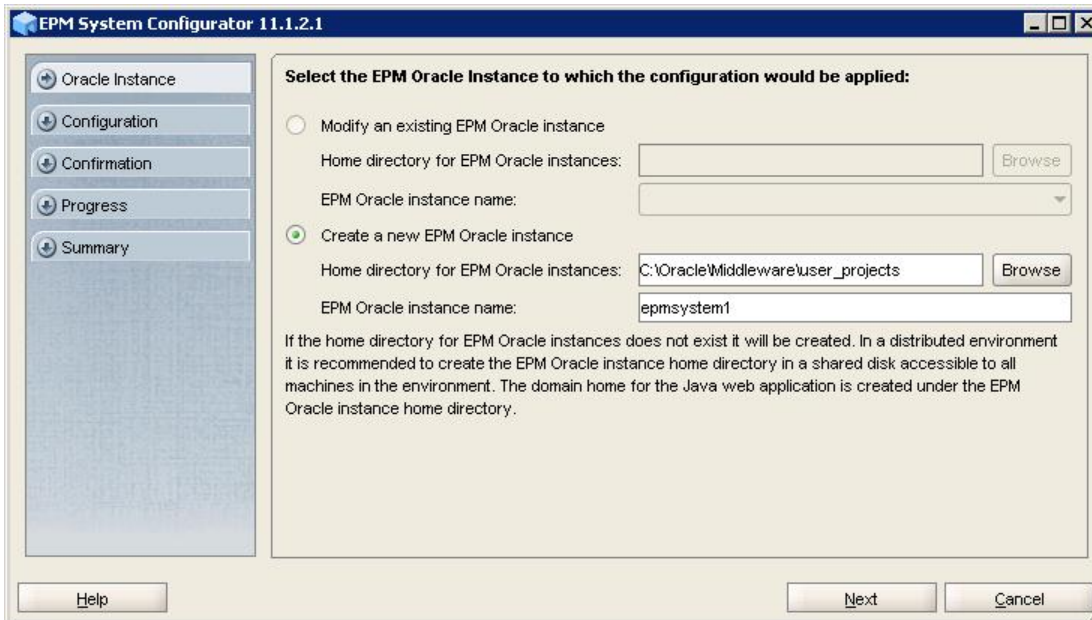- Essbase Studio Server

- Provider Services Web Application

7 In **Confirmation**, click **Next**.

8 In **Progress**, monitor the installation status.

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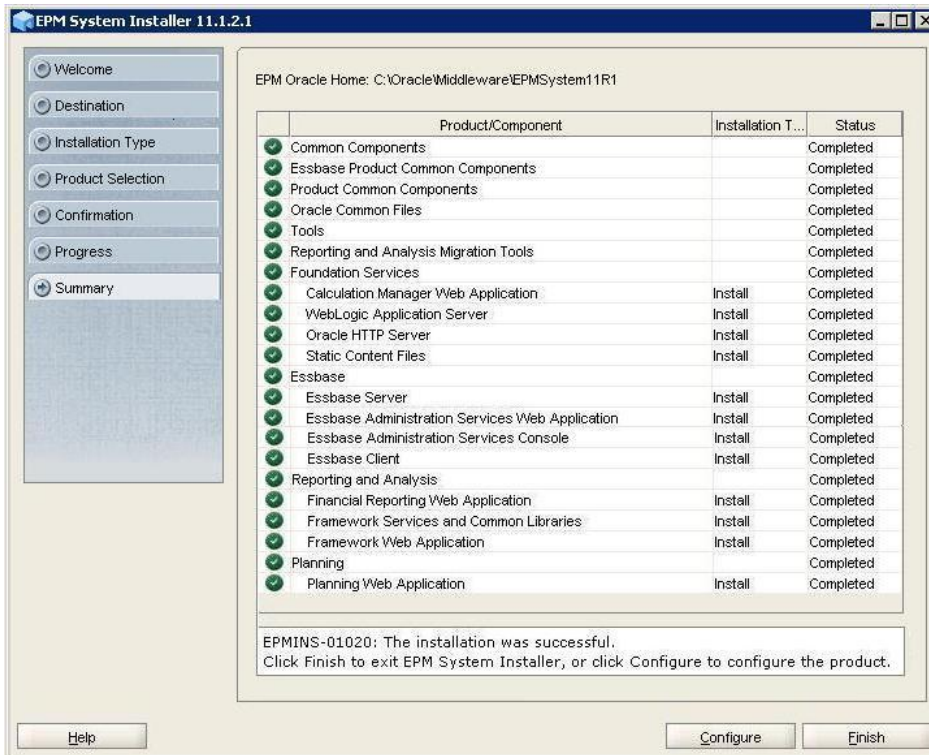
10 In **Oracle Instance**, click **Next** to use the default values to create an EPM Oracle instance.

11 On the database **Configuration**, enter the following information, and then click **Next**. Use default values for all remaining fields and selections.
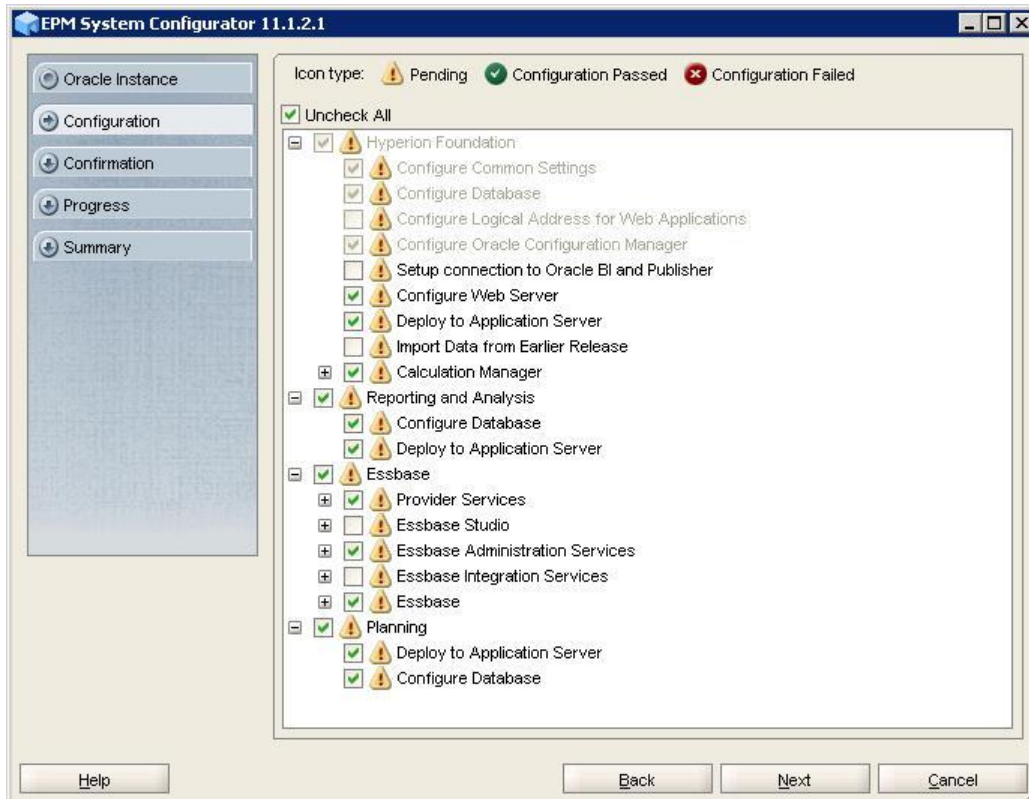
- **Service Name or SID**—Enter `epmrapid.example.com`. Replace `example.com` with the fully qualified domain name. The database service name that you must use is available in `C:\app\epmrapid\product\11.2.0\dbhome_1\NETWORK\ADMIN\tnsnames.ora`.

- **User Name**—Enter `epmrapid_user`.
- **Password**—Enter the deployment password.
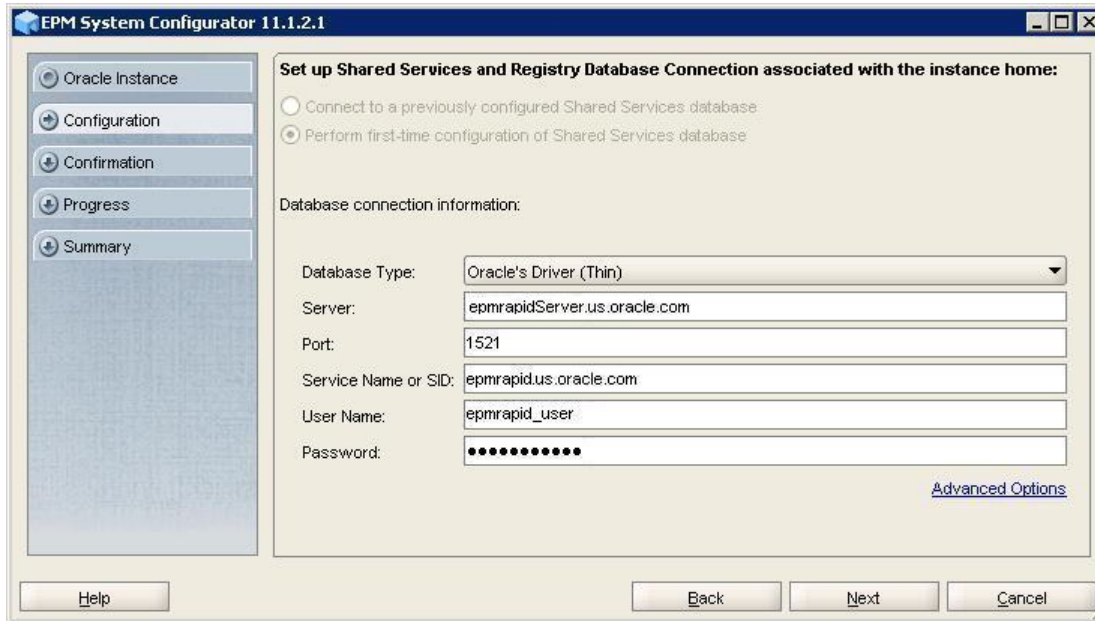
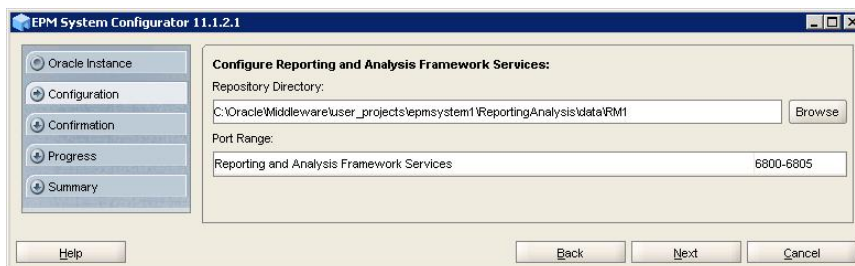12 In component **Configuration**, click **Next** to configure the selected products.

13 In **Configure Common Settings**, click **Next** to use the default values.
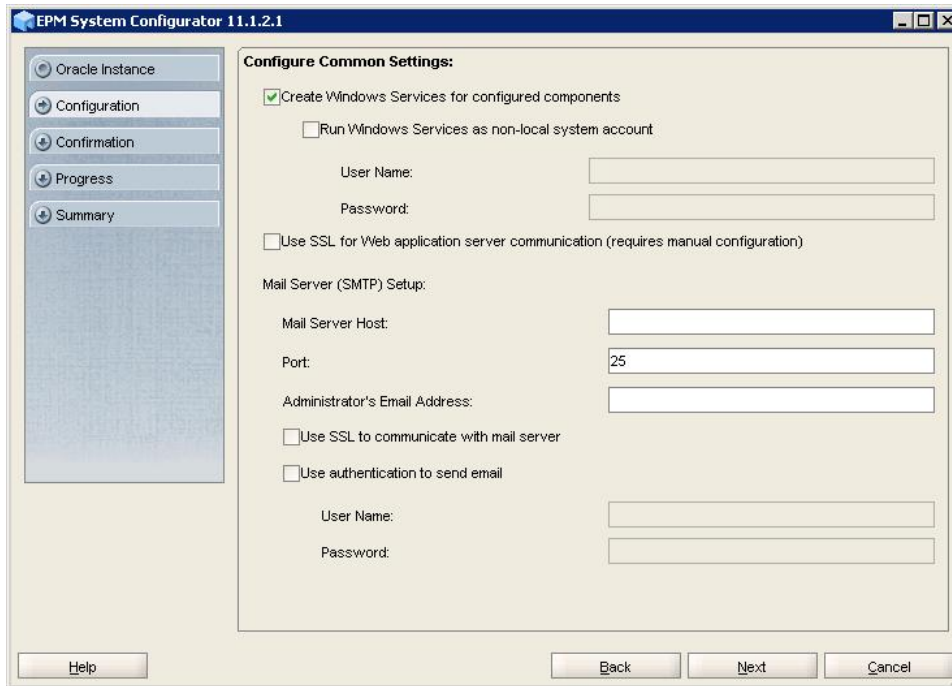
14 In **Configure Database**, use the default values, and then click **Next**.
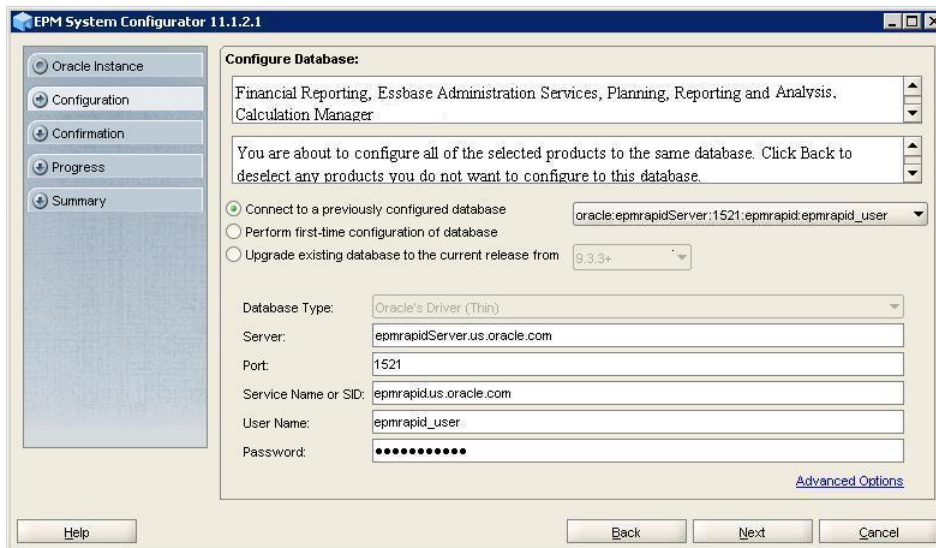
15 In **Configure Reporting and Analysis Framework Services**, click **Next** to use the default values.

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** to use the default selections.

18 In **Configure Essbase Server**, click **Next** to use the default values.

19 In **Configure Web Server**, click **Next** to use the default values.
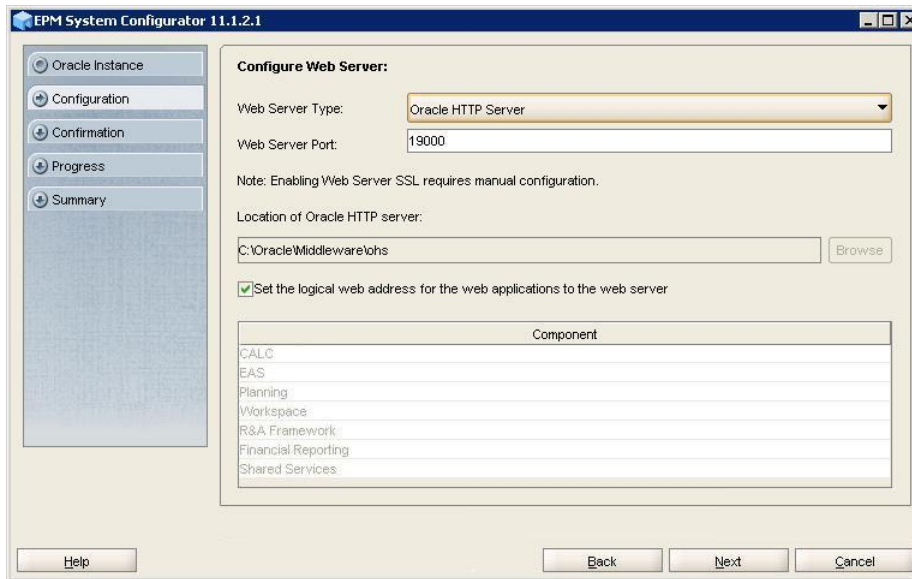
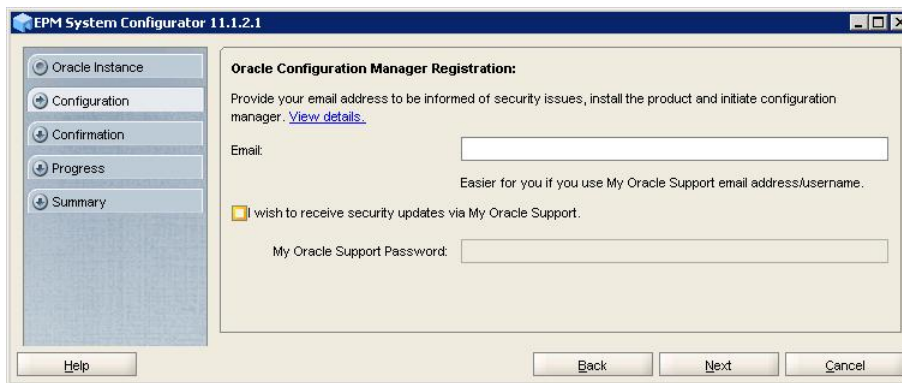**20** In **Oracle Configuration Manager Registration**, uncheck **I wish to receive security updates via my Oracle Support** and then select **Next**.
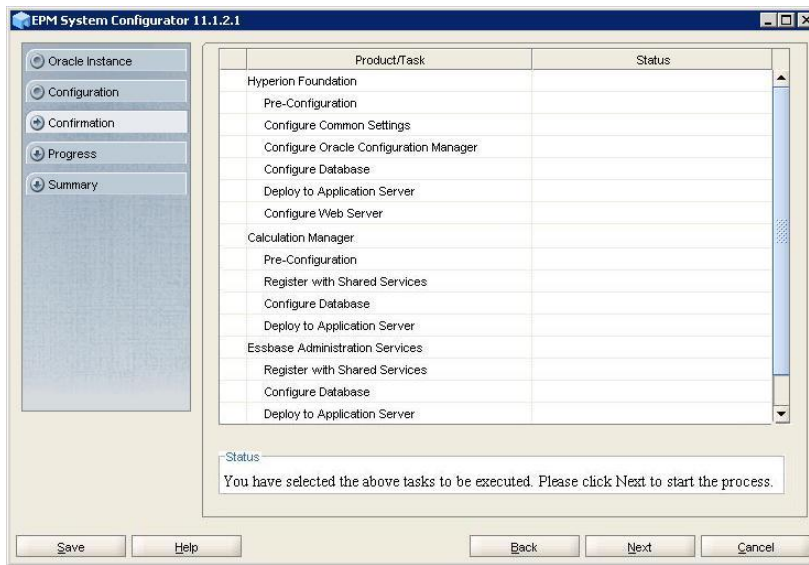

21 In **Email Address Not Specified**, click **Yes**.

22 In **Set Shared Services admin user password**, enter the deployment password in **Password** and **Re-type Password**, and then click **Next**.
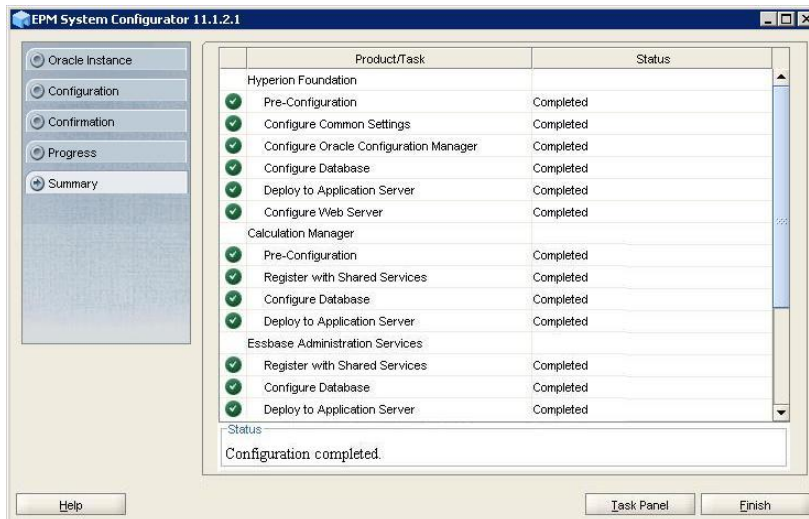
23 In **Confirmation**, click **Next** to initiate the deployment process.

The deployment process takes approximately 45 minutes.

24 In **Summary**, click **Finish**.

25 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** on all installer wizard screens.

d. In **InstallShield Wizard Completed**, click **Finish**.

26 On your server, select **Start**, then **All Programs**, then **Oracle EPM System**, then **Foundation Services**, and then **Start EPM System**.
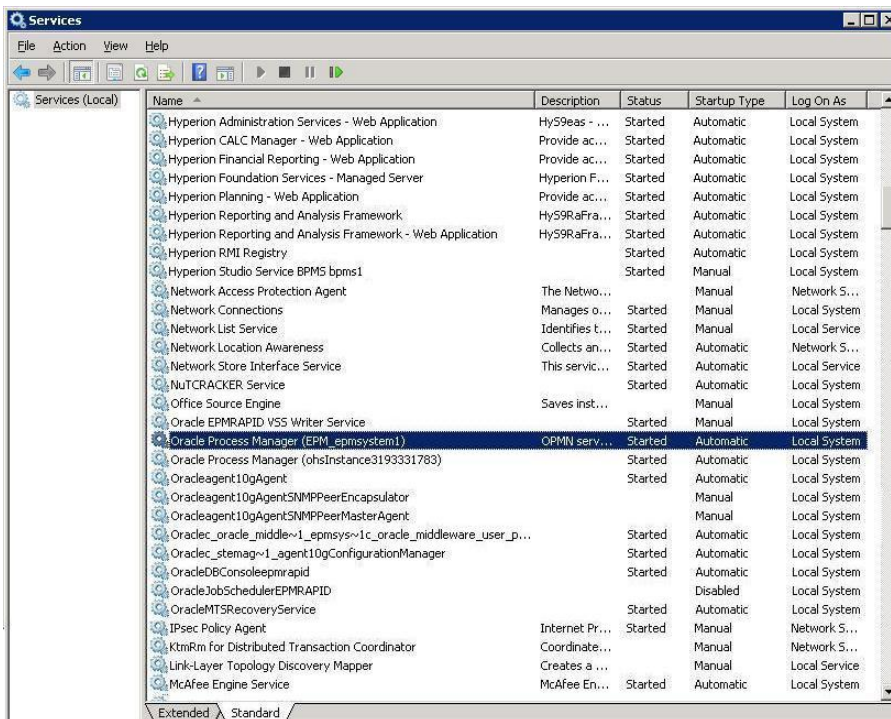
This process takes approximately 15 minutes.

27 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 Hyperion and Oracle services startup status match those indicated in the following illustration:

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

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

29 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.

```
Oracle EPM System
Diagnostics
Generated on 06/08/2011 17:36 PM
Validation run on ADC2101474.us.oracle.com
EPM System Diagnostics info: 11.1.2.1.0 drop 36-0 build 6321-on-03/01/2011 06:48 AM
Build version: 11.1.2.1.0.6765
OS name: Windows Server 2008 R2
OS version: 6.1
```

Test Status	Service	Test Description	Duration
Hyperion Foundation			
PASSED	CFG: Configuration	Validating that configuration tasks have been completed	0 seconds
PASSED	DB: Database Connectivity	Checking connection to database jdbc:oracle:thin:@ADC2101474.us.oracle.com:1521:epmrapid	0 seconds
PASSED	EXT: External Authentication	Check Native Directory external authentication provider configuration	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/HyperionPlanning/	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/calcmgr/index.htm	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/easconsole/console.html	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/interop	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/raframework/index.jsp	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/hr/status.jsp	0 seconds
PASSED	HTTP: HTTP	Checking availability of HTTP context http://ADC2101474.us.oracle.com:19000/workspace/status	0 seconds
PASSED	WEB: Permissions	All HIT entries are present in system-jazn-data.xml	0 seconds
PASSED	Single Sign-On	Checking availability of login http://ADC2101474.us.oracle.com:28080/interop/index.jsp	0 seconds
PASSED	LNK: Registry	Checking that all components in the registry have a link to host	0 seconds
PASSED	CFG: Environment	Checking whether system path variable length exceeds 2,000	0 seconds
PASSED	REG: Configuration	Checking if product has only one product node in registry.	0 seconds
PASSED	WEB: Libraries	Check if all shared libraries are targeted for application "Oracle EPM Shared Services".	0 seconds
PASSED	WEB: Web Application	Availability of Web application context http://ADC2101474.us.oracle.com:28080/interop	0 seconds
PASSED	REG: Web Server	Checking if Web Server linked to the all Web Applications	0 seconds

30 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.   In the **Logon** screen, 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://HOST_NAME:19000`. Replace `HOST_NAME` with the name of your server.
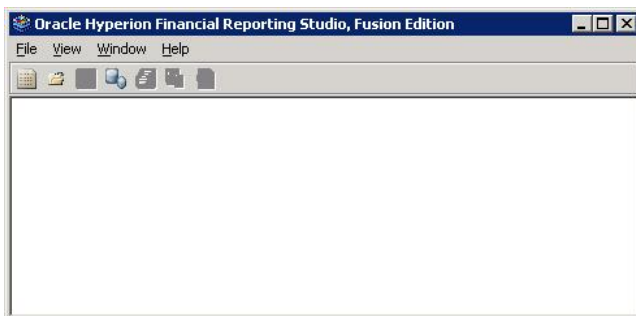

31 Verify that you can access Oracle Enterprise Performance Management Workspace, Fusion Edition, and Planning Administration Wizard.

    a.   Select **Start**, then **All Programs**, then **Oracle EPM System**, then **Workspace**, and then **Workspace URL**.

    b.   On the **Logon** screen, enter the following information:

        ●   **User Name**—Enter `admin`.

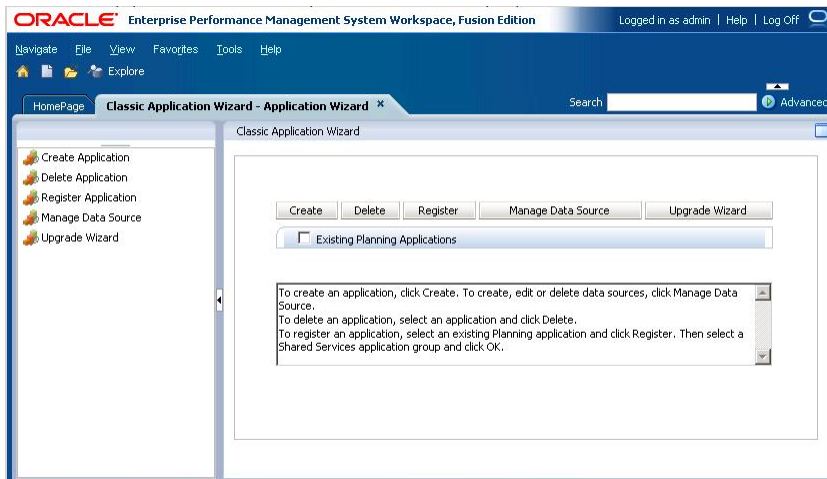   ●   **Password**—Enter the deployment password.

c. Select **Log On**.

Workspace home page is displayed.
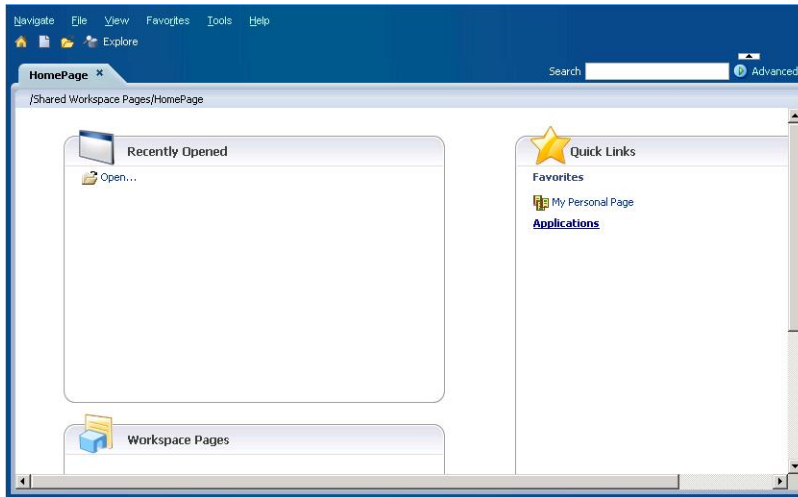
You can download and install Smart View on a client computer by connecting to Oracle Enterprise Performance Management Workspace, Fusion Edition.

● To download Oracle Hyperion Smart View for Office, Fusion Edition, in Workspace, select **Tools**, then **Install**, and then **SmartView**.

● To install Smart View client, follow the instructions in Oracle Hyperion Enterprise Performance Management System Installation and Configuration Guide.

d. Select **Navigate, then Administer**, then **Classic Application Administration**, and then **Planning Administration**.

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

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