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About This Document

This document presents recommended steps to build a typical Oracle Hyperion Financial Management, Fusion Edition, development environment comprising the following products on one server running Microsoft Windows.

- Financial Management
- Oracle Hyperion Financial Reporting, Fusion Edition
- Required products including Oracle Database, Oracle WebLogic Server, and Oracle HTTP Server

Deployment Requirements

Server

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Operating System</td>
<td>Windows 2008 R2 x64</td>
</tr>
<tr>
<td>Processor</td>
<td>Quad core</td>
</tr>
<tr>
<td>Memory</td>
<td>16 GB RAM</td>
</tr>
<tr>
<td>Disk</td>
<td>200 GB Disk</td>
</tr>
<tr>
<td>Other Software</td>
<td>A program, such as 7-Zip or WinZip, to extract the contents of media packs</td>
</tr>
</tbody>
</table>

User Account

Use a Windows user account, for example, epmrapid_user, that satisfies the following requirements. This account is referred to as the 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 either directly or by granting them to 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 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, and then User Accounts.
4. In Make Changes to your user account, 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 the deployment password throughout this document.

The deployment password must conform to the following guidelines:

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

An example of an acceptable password is 1Rapidepm.

Required Windows Server Roles

To deploy Financial Management domain, you must add the following roles and their role services to the server.

- Application Server
- Web Server (IIS)

To add Windows server roles:

1. Log on to the server using the deployment account.
2. Select Start, and then Run.
3. In Run, type cmd, and then press Enter.
4. In the command prompt window, execute the following command:
5. Verify that Internet Information Services (IIS) is running by entering the following URL in the browser:
   http://localhost
   The IIS welcome page is displayed.

Deployment Process

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

- Step 1: Downloading Installation Files (approximately 65 minutes)
- Step 2: Installing and Configuring the Database (approximately 20 minutes)
- Step 3: Installing and Configuring EPM System (approximately 65 minutes)
Step 1: Downloading Installation Files

To download media packs from the 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.


3. In the Oracle Software Delivery Cloud, click Sign In/Register.

4. In Sign In, enter the Oracle Software Delivery Cloud user name and password, and then click Sign In.

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

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   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 Partner Network 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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   GENERAL INFORMATION

   The "Trial Term" shall be 30 Days from the date of your acceptance of the terms and conditions of this Agreement.

   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.

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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. 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**.

![Media Pack Search](image)

*Instructions*

1. Review the License List to determine which Product Pack or Parts you need to download.
2. Select the Product Pack and Platform and click "Yes".
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](image)

**Results**

<table>
<thead>
<tr>
<th>Select</th>
<th>Description</th>
<th>Release</th>
<th>Part Number</th>
<th>Updated</th>
<th># Parts / Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oracle In-Memory Database Cache 11g (11.2.1.0.0) Media Pack for Microsoft Windows x64 (64-bit)</td>
<td>11.2.1.0.0</td>
<td>882473-01</td>
<td>FEB-11-2011</td>
<td>1 / 100M</td>
</tr>
<tr>
<td></td>
<td>Oracle Time Ten In-Memory Database 410 (11.2.1.0.0) Media Pack for Microsoft Windows x64 (64-bit)</td>
<td>11.2.1.0.0</td>
<td>862520-01</td>
<td>FEB-11-2011</td>
<td>1 / 183M</td>
</tr>
<tr>
<td></td>
<td>Oracle Database 11g Release 2 (11.2.0.1.0) Media Pack for Microsoft Windows x64 (64-bit)</td>
<td>11.2.0.1.0</td>
<td>855004-02</td>
<td>FEB-02-2011</td>
<td>19 / 11G</td>
</tr>
<tr>
<td></td>
<td>Oracle Database 11g Release 1 (11.1.0.6.0) Media Pack for Microsoft Windows x64 (64-bit)</td>
<td>11.1.0.6.0</td>
<td>835904-11</td>
<td>OCT-19-2010</td>
<td>21 / 15G</td>
</tr>
<tr>
<td></td>
<td>Oracle Secure Backup 10.3.0.1.0 Release Media Pack for Microsoft Windows x64 (64-bit)</td>
<td>10.3.0.1.0</td>
<td>860641-01</td>
<td>SEP-20-2010</td>
<td>1 / 83M</td>
</tr>
</tbody>
</table>

**Total: 13**

![Back Continue](image)

---

c. Download the following part numbers to **EPM_rapid_downloads**:

**Table 2  Database Part Numbers to Download**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>V20610-01 Part 1 of 2</td>
<td>Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 1 of 2)</td>
</tr>
<tr>
<td>V20610-01 Part 2 of 2</td>
<td>Oracle Database 11g Release 2 (11.2.0.1.0) for Microsoft Windows x64 (64-bit) (Part 2 of 2)</td>
</tr>
</tbody>
</table>

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.
d. Download the following part numbers to EPM_rapid_downloads:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>V25495-01</td>
<td>Oracle Hyperion Enterprise Performance Management System Installer, Fusion Edition Release 11.1.2.1.0 for Microsoft Windows (64-bit)</td>
</tr>
<tr>
<td>V25496-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 1 of 7</td>
</tr>
<tr>
<td>V25497-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 2 of 7</td>
</tr>
<tr>
<td>V25498-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 3 of 7</td>
</tr>
<tr>
<td>V25499-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 for Microsoft Windows (64-bit) Part 4 of 7</td>
</tr>
<tr>
<td>V25459-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 5 of 7</td>
</tr>
<tr>
<td>V25460-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 6 of 7</td>
</tr>
<tr>
<td>V25461-01</td>
<td>Oracle Hyperion Foundation Services Release 11.1.2.1.0 Part 7 of 7</td>
</tr>
<tr>
<td>V25468-01</td>
<td>Oracle Hyperion Financial Reporting, Fusion Edition Release 11.1.2.1.0</td>
</tr>
<tr>
<td>V25469-01</td>
<td>Oracle Hyperion Financial Reporting Studio and Print Server, Fusion Edition Release 11.1.2.1.0 for Microsoft Windows</td>
</tr>
<tr>
<td>V25470-01</td>
<td>Oracle Hyperion Enterprise Performance Management Reporting and Analysis Core Components Release 11.1.2.1.0</td>
</tr>
<tr>
<td>V25476-01</td>
<td>Oracle Hyperion Financial Management, Fusion Edition Release 11.1.2.1.0</td>
</tr>
<tr>
<td>V25494-01</td>
<td>Oracle Hyperion Enterprise Performance Management System Additional Content Release 11.1.2.1.0</td>
</tr>
</tbody>
</table>

Verify the size of EPM_rapid_downloads, which contains the files indicated in the following screenshot:
To verify folder size:

a. In Windows Explorer, right-click EPM_rapid_downloads.

b. Select Properties. The results should match the following screen shot:

![Properties dialog box for EPM_rapid_downloads]

Using a program, for example 7-Zip, extract the contents of the downloaded Oracle Database and Oracle Hyperion Enterprise Performance Management System product media packs into EPM_rapid_unzipped.

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

---

9. 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.
   - **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.
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;
```

e. Modify database processes and sessions parameters by executing the following statements:

```
alter system set processes = 450 scope = spfile;
alter system set sessions = 475 scope = spfile;
```

f. Shutdown and then restart the database using the following commands:

```
shutdown immediate;
startup;
```
Step 3: Installing and Configuring EPM System

This process takes approximately 65 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, and then click Next.
6 In Product Selection, in addition to the selected components, select Financial Management Sample Applications and Starter Kits, and then 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 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 Configuration**, click **Next** to configure the selected products.

13 **In Configure Common Settings**, click **Next** to use the default values.
14 In Configure Database, 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 Web Server**, click **Next** to use the default values.

19 In **Financial Management - Configure DCOM**, enter the following:
   - **Domain user**—Enter the deployment account.
   - **Password**—Enter the deployment password.
   - **Re-type Password**—Enter the deployment password.

20 In **Financial Management - Configure Application Server**, click **Next**.
21 In Financial Management - Configure Cluster, click Next.

22 In Financial Management - Register Clusters and Servers, complete these steps:
   - From Available Servers and Clusters, select your server.
   - Click Add to move the server to Registered Servers and Clusters.
   - Click Next.

23 In Financial Management - Configure Web Server, click Next.

24 In Financial Management - Configure Web Application, click Next.
25 In Financial Management - Enable Smart View Provider, click Next.

![Image of Financial Management - Enable Smart View Provider]

26 In Financial Management - Enable Life Cycle Management, click Next.

![Image of Financial Management - Enable Life Cycle Management]

27 In Financial Management - Enable Web Services, click Next.

![Image of Financial Management - Enable Web Services]

28 In Oracle Configuration Manager Registration, uncheck I wish to receive security updates via my Oracle Support, and then select Next.

![Image of Oracle Configuration Manager Registration]

29 In Email Address Not Specified, click Yes.
30 In **Set Shared Services admin user password**, enter the deployment password in **Password** and **Re-type Password**, and then click **Next**.

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

32 In **Summary**, click **Finish**.
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.

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 screen shot:

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

36 Review the diagnostics report and verify that all deployed products have passed the tests. Ignore Interactive Reporting checks that indicate failure, because Interactive Reporting is not part of the deployment.

---

Rapid Deployment of Financial Management Domain for Development Environments
37 Verify that you can access Oracle Enterprise Performance Management Workspace, Fusion Edition.

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

b. On the Logon screen, enter:
   - User Name—Enter admin.
   - Password—Enter the deployment password.

c. Click Log On.

The Workspace home page is displayed.

38 Install the Financial Reporting Studio.

a. Ensure that you are logged on to EPM Workspace.

b. In EPM Workspace, select Tools, then Install, and then Financial Reporting Studio.

c. In File Download - Security Warning, click Run.

d. In Internet Explorer - Security Warning, click Run.

e. In Choose Setup Language, select a language, and click OK.

f. In Welcome and Destination Folder, click Next.

g. In Ready to Install Program, click Install.

h. In InstallShield Wizard Completed, click Finish.

39 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 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.

40 **Install Oracle Hyperion Smart View for Office, Fusion Edition, client on a machine that already has Microsoft Excel installed.**

a. Ensure that you are logged on to EPM Workspace.

b. In Oracle Enterprise Performance Management Workspace, Fusion Edition, select **Tools**, then **Install**, and then **Smart View**.

c. In **File Download - Security Warning**, click **Run**.

d. In **Internet Explorer - Security Warning**, click **Run**.

e. In the installer screen, select a language and click **OK**.

f. In **Welcome** and **Destination Folder**, click **Next**.

g. In **Ready to Install Program**, click **Install**.

h. In **InstallShield Wizard Completed**, click **Finish**.
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EPM System Rapid Deployment of Financial Management Domain for Development Environments, 11.1.2.1

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Authors: EPM Information Development Team

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