Oracle® Hyperion Planning

Rapid Deployment of Oracle Hyperion Planning in Development Environments

Release 11.2

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Planning Rapid Deployment

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- Step 3: Installing the Planning Domain
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About This Document

This document presents recommended steps to build a typical Oracle Hyperion Planning development environment on a single server running Microsoft Windows. This deployment is not intended for use in a production environment. A typical Planning development environment comprises the following products:

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



Deployment Requirements

Server

Table 1-1 Server Requirements

Requirement	Description		
Server Operating System	Windows Server 2019 or Windows Server 2016 (Windows 2016 support is available in Release 11.2.1).		
Processor	x64		
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 		
	 Microsoft Office 2016 or 2019 (to support Oracle Smart View for Office) 		

User Account

Use a generic Windows user account, for example, <code>epm_user</code>, that satisfies the following requirements. This account is referred to as <code>deployment account</code> 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 these guidelines:

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



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, then Windows 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 includes the Administrators group. Double-click the security setting of the policy to view its properties and assignments.

<u>ile A</u> ction <u>V</u> iew <u>H</u> elp			
Þ 🔿 🔰 📅 🗶 🖬 🔒 🛛			
Security Settings	Policy 🔺	Security Setting	
Account Policies	Act as part of the operating system)	Administrators	
🗄 📴 Account Lockout Policy	📓 Adjust memory quotas for a process	LOCAL SERVICE, NETWORK SERVICE, SQLServer2005MS5C	
Local Policies	🖾 Allow log on locally	Administrators, Users, Backup Operators	
Audit Policy	📓 Allow log on through Remote Deskto	Administrators, Remote Desktop Users	
User Rights Assignment	📓 Back up files and directories	Administrators,Backup Operators	
Windows Firewall with Advanced	Bypass traverse checking	Everyone,LOCAL SERVICE,NETWORK SERVICE,SQLServer	
Network List Manager Policies	🐻 Change the system time	LOCAL SERVICE, Administrators	
Public Key Policies	📓 Change the time zone	LOCAL SERVICE, Administrators	
Software Restriction Policies	📓 Create a pagefile	Administrators	
Application Control Policies	🔛 Create a token object		
IP Security Policies on Local Com Advanced Audit Policy Configura	Create global objects	LOCAL SERVICE, NETWORK SERVICE, Administrators, SERVI	
	🐻 Create symbolic links	Administrators	
	increase a process working set	users	
	Increase scheduling priority	Administrators	
	Load and unload device drivers	Administrators	
	Lock pages in memory		
	Log on as a batch job	ASPNET, SQLServer2005M55QLUser\$ADC2101474\$SQLEXF	
	Log on as a service	ASPNET, SQLServer2005SQLBrowserUser\$ADC2101474, SC.	

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.



Ser Account Control Settings	_	×
Choose when to be notified about changes to your computer User Account Control helps prevent potentially harmful programs from making changes to you Ifell me more about User Account Control settings Always notify	ir computer.	
 Never notify me when: Apps try to install software or make changes to my computer I make changes to Windows settings I make changes to Windows settings 		
Фок	Cancel	

6. Click OK.

Server Name

You must know your server name to complete the deployment process. 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:

- Step 1: Downloading Installation Files
- Step 2: Installing and Configuring Oracle Database
- Step 3: Installing the Planning Domain
- Step 4: Creating Infrastructure Schemas Using Repository Creation Utility
- Step 5: Configuring the Planning Domain
- Step 6: Verifying Planning Domain Deployment

Step 1: Downloading Installation Files

This section explains how to download Oracle Database 12c Standard Edition 2 and Oracle Enterprise Performance Management System product download files and



get them ready. You can download files simultaneously. Using a T1 connection, downloading files takes approximately 20 minutes. You must also download Oracle Smart View for Office from Oracle Technology Network.

To download from Oracle Software Delivery Cloud:

- 1. Create a folder named epm_downloads 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.
- 4. In **Sign In**, enter your Oracle Software Delivery Cloud user name and password, and then click **Sign In**.
- 5. Download files to install Oracle Database.
 - a. In the search box, search for Oracle Database 12c Standard Edition 2 and click Search.
 - b. In the Results section, select Oracle Database 12c Standard Edition 2 12.2.0.1.0 (Oracle Database Standard Edition 2), and then click Add to Cart.

Oracle Software Delivery Cloud		Nee	d Help? Contact Softw	are Delivery Custo	mer Service
Add items to your Carl by choosing a Category and type in the search term or software title. Select from the drop down results or click Search - you can also select one of our most Popular Downloads. A list of results will appear - additional filters will then be available to refine your search. Click on the 'Add to Cart' think next to the title you within to download - the software will automatically be placed in your Cart where you will assi Download Resage (DLP)'s Acotection of related Resears / Release (REL): A specific version of new functionality of a product Still need help? Take our step-by-step Demo Tour or visit the FAQs.	gn a platforr	m for each l	Release.		
All Categories V Oracle Database 12c Standard Edition 2	Search	Clear	Popular Downloads	Download History	Š
All Commercial Linux/VM 1-Click. Courseware Documentation Found 39 results DLP: Oracle Database 12c Standard Edition 2 12.2.0.1.0 (Oracle Database Standard Edition 2)		+ A	dd to Cart		Feedba

- 6. Download files to install EPM System Oracle Hyperion Financial Management domain.
 - a. Click Clear to clear the Search selection.
 - b. In the search box, enter Oracle Enterprise Performance Management System 11.2, and then click Search.
 - c. In Results, select the following files and then click Add to Cart.

REL: Oracle Enterprise Performance Management System - Client Installers 11.2.0.0.0	+ Add to Cart
REL: Oracle Enterprise Performance Management System - Installation Documents and Readmes 11.2.0.0.0	+ Add to Cart
REL: Oracle Enterprise Performance Management System - Oracle HTTP Server 11.2.0.0.0	💠 Add to Cart
REL: Oracle Enterprise Performance Management System - Part 1 11.2.0.0.0	💠 Add to Cart
REL: Oracle Enterprise Performance Management System - Part 2 11.2.0.0.0	+ Add to Cart
REL: Oracle Enterprise Performance Management System - Part 3 11.2.0.0.0	+ Add to Cart
REL: Oracle Enterprise Performance Management System - Part 4 11.2.0.0.0	+ Add to Cart
REL: Oracle Enterprise Performance Management System - Part 5 11.2.0.0.0	💠 Add to Cart
REL: Oracle Enterprise Performance Management System - Part 6 11.2.0.0.0	+ Add to Cart



- Oracle Enterprise Performance Management System Client Installers
 11.2.0.0.0
- Oracle Enterprise Performance Management System Installation Documents and Readmes 11.2.0.0.0
- Oracle Enterprise Performance Management System Oracle HTTP Server 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 1 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 2 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 3 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 4 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 5 11.2.0.0.0
- Oracle Enterprise Performance Management System Part 6 11.2.0.0.0
- 7. Click Checkout.
- 8. In the **Platform/Languages** column, for each row, select **Microsoft Windows x64** (64-bit) if it's not already selected, and then click **Continue**.
- 9. Review and accept the Oracle Standard Terms and Restrictions and then click **Continue**.
- Use the download manager to download files: Select the check boxes next to the desired files, click **Download**, select a download location, and then click **Save**. The single use download manager is saved to your computer.
- **11.** From the download location, run the executable file. Browse to save the files in epm_downloads and then click **Next**.

Name	Date modified	Туре	Size
V266899-01.zip	2/11/2020 4:24 F	M Compressed (zipped)	570,329 KB
🚺 V839963-01.zip	2/11/2020 4:18 F	M Compressed (zipped)	2,935,517 KB
V840015-01.zip	2/11/2020 4:20 F	M Compressed (zipped)	1,944,961 KB
V980724-01.zip	2/11/2020 4:26 F	M Compressed (zipped)	1,153,246 KB
🚺 V984488-01.zip	2/11/2020 4:23 F	M Compressed (zipped)	1,144,619 KB
🚺 V984500-01.zip	2/11/2020 4:18 F	M Compressed (zipped)	2,274,811 KB
🚺 V984501-01.zip	2/11/2020 4:21 F	M Compressed (zipped)	1,813,516 KB
V984502-01.zip	2/11/2020 4:25 F	M Compressed (zipped)	1,724,355 KB
🚺 V984503-01.zip	2/11/2020 4:25 F	M Compressed (zipped)	1,607,175 KB
🚺 V984508-01.zip	2/11/2020 4:30 F	M Compressed (zipped)	3,295,938 KB
V984509-01.zip	2/11/2020 4:20 F	M Compressed (zipped)	3,494,764 KB
🚺 V984510-01.zip	2/11/2020 4:22 F	M Compressed (zipped)	1,236,055 KB
🚺 V984542-01.zip	2/11/2020 4:13 F	M Compressed (zipped)	5,786 KB

- 12. When the download is complete, close the Download Manager.
- **13.** Using a program such as 7-Zip, extract the contents of the each of the ZIP files to epm_downloads.

To download Smart View:



- 1. Using a browser, go to www.oracle.com/technetwork/middleware/smart-view-foroffice/downloads/index.html.
- 2. Click Oracle SmartView for Office.
- 3. Click **Download Now**, accept the license agreement and then click **Download**.
- 4. Click Save File, browse to epm_downloads, and then click Save.
- Using a program, for example 7-Zip, extract the contents of the Smart View ZIP file into epm_downloads.

Step 2: Installing and Configuring Oracle Database

To install and configure Oracle Database:

- 1. Using Windows Explorer, navigate to <code>epm_downloads\database</code>, and then double-click <code>setup.exe</code> 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.

🕌 Oracle Database 12c Release 2 In	staller - Step 1 of 10		- 🗆 X
Configure Security Updates			
Configure Security Updates Installation Option Database Installation Options Install Type Oracle Home User Installation Location Prerequisite Checks Summary Install Product Finish	Provide your email address to be i and initiate configuration manager Email: I wish to receive security upda My Oracle Support Password:	nformed of security issues, install the pro View details. Easier for you if you use your My Oracl ttes via My Oracle Support.	rduct
Help		< Back	Next > Install Cancel

- 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.



🕌 Oracle Database 12c Release 2 In	staller - Step 2 of 10		1.15	
Select Installation Option				12 ^c
Configure Security Updates Installation Option Database Installation Options Install Type Oracle Home User Installation Location Prerequisite Checks Summary Install Product Finish	Select any of the following install options.			
Help		< Back	<u>N</u> ext > Install	Cancel

5. In Select System Class, select Desktop class, and then click Next.





6. In Specify Oracle Home User, select Use Virtual Account, and then click Next.

🎒 Oracle Database 12c Release 2 In	staller - Step 4 of 9 — 🗆 🗙
Specify Oracle Home User	
Configure Security Updates	For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.
Oracle Home User Installation Location Prerequisite Checks Summary Install Product Finish	O Use <u>y</u> intui Account
Help	< <u>Back</u> Install Cancel

- 7. In **Typical Install Configuration**, enter the following details. Keep default values for all other fields. Click **Next** when you are done.
 - Database eddition—Select Enterprise Edition (6.0GB).
 - Global database name—Set to epm.
 - **Password**—Enter the deployment password.
 - **Confirm password**—Reenter the deployment password.



🕌 Oracle Database 12c Release 2 Ir	nstaller - Step 5 of 9			4 <u>767</u> 1		×
Typical Install Configuration	1	04		DRACLE	12	c
Configure Security Updates Installation Option System Class Oracle Home User Typical Installation Prerequisite Checks Summary Install Product Finish	Perform full database in Oracle bage: Software location: Database file location: Database gdition: Character set: Global database name: Password: Create as Contajner Pluggable database	Astallation with basic configuration. C:10racle12cR2 C:10racle12cR2lproduct12.2.01dbl C:10racle12cR2lprod	iome_1		Brows Brows Brows	ie ie ie
Help			< <u>B</u> ack <u>N</u> ex	t > Install	Car	ncel

8. In Summary, click Install.





9. In Finish, click Close.

🕌 Oracle Database 12c Release 2 I	nstaller - Step 9 of 9	1.000		×
Finish			[∈] 12	2 ^c
Configure Security Updates	The installation of Oracle Database was successful. Note: Oracle Enterprise Manager Database Express UPL : https://localhost-5500/en	n		
Oracle Home User Typical Installation Prerequisite Checks Summary				
 Install Product Finish 				
Help	< <u>B</u> ack	<u>N</u> ext >inst	all 🚺	<u>C</u> lose

- **10.** After installation is complete, create a database user named **epm_user**, and assign roles and privileges and set parameters.
 - On your server, from the Start menu, select
 Oracle-OraClient18c32_user_name (for 32-bit) or Oracle-OraClient18c64_user_name (for 64-bit), and then SQL Plus.
 - For Enter user name, enter SYS as SYSDBA.
 - For **Password**, enter the deployment password.
 - Create a database user named epm_user, identified by the deployment password, by executing this statement: create user epm_user identified by DEPLOYMENT_PWD;. Remember to replace DEPLOYMENT_PWD with your actual deployment password.
 - Grant privileges to epm_user by entering the following command:

grant CREATE ANY SYNONYM, CREATE CLUSTER, CREATE INDEXTYPE, CREATE PROCEDURE, CREATE SEQUENCE, CREATE SESSION, CREATE TABLE, CREATE TRIGGER, CREATE TYPE, CREATE VIEW, DROP ANY SYNONYM to epm_user;

• Set parameters:

ALTER SYSTEM SET processes=2000 SCOPE=SPFILE; ALTER SYSTEM SET OPEN_CURSORS=5000 SCOPE=SPFILE;



ALTER SYSTEM SET SESSION_CACHED_CURSORS=200 SCOPE=SPFILE; ALTER SYSTEM SET SESSIONS=2000 SCOPE=SPFILE;

- The sqlnet.ora file in the database server (in %ORACLE_HOME% \product\xx.x.x\dbhome_1\network\admin\sqlnet.ora) should have the following setting: sqlnet.expire_time=10
- Set the max_string_size setting to standard.

After setting parameters, restart Oracle Database (both the Listener and the Oracle Database service).

Step 3: Installing the Planning Domain

To install the Oracle Hyperion Planning domain of Oracle Enterprise Performance Management System:

- 1. In Windows Explorer, navigate to the <code>epm_downloads</code> folder, and then double-click <code>installTool.cmd</code>.
- 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**.

REPM System Installer 11	2.0.0	-		×	
Welcome					
	Welcome to EPM System Installer				
Destination	This program will guide you through the installation of EPM System products.				
Installation Type	, , , , , , , , , , , , , , , , , , ,				
Product Selection	Important!		22		
Confirmation	Before installing, review the Oracle Hyperion Enterprise Performance Management System Certification Matrix for	informa	ation		
Progress	on system requirements and release compatibility. Also review the Oracle Hyperion Enterprise Performance Manage System Installation and Configuration Guide for other information needed to plan a successful installation.	ement			
Summary	If you are upgrading from an earlier release, you must first perform pre-installation tasks, including exporting Share data, before you proceed. See the Installation and Configuration Guide for details.	ed Servi	ices		
	Copyright © 2008, 2015, Oracle and / or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/ or its affiliates. Other names may be trademarks of their respective owners.	e			
	This software and related documentation are provided under a license agreement containing restrictions on use and and are notected by intellectual nonerty laws. Excent as expressly nermitted in your license agreement or allowed.	disclos hv law	ure vou	-	
	EPM System installer Prercquisite Checks EPMNS-01024: EPM System installer successfully resolved the hostname - sic14xie.us.oracle.com EPMNS-01026: The operating system is supported - Vindows Server 2019 Standard EPMNS-01063: All environment variables prerequisites have been met. EPMNS-01064: Inventory is writable				
	EPMINE-0103. In a control matching proceeding and o decining. EPMINE-01074: Inventionly is writable Failure to meet all prerequisites may result in unsatisfactory results. If you receive errors, please check the Help or documentation for more information.				
<u>H</u> elp	Next		<u>Cancel</u>		



4. In **Destination** keep the default value, and then click **Next**.

🔿 EPM System Installer	11.2.0.0	-		×
() Welcome	Enter the location of Middleware Home (spaces are not supported):			-
 Destination 	C:IOracle/Middleware Browse			
Installation Type				
Product Selection				
 Confirmation 				
Progress				
 Summary 				
[<		10 10	
Load Help	Back	Next	<u><u>C</u>:</u>	ancel

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

REPM System Installer 11.2.0	.0	-		×
() Welcome	Choose the install type:			
 Destination 	New installation			
 Installation Type 	O Re-install this release			
Product Selection	O Apply maintenance release			
Confirmation				
• Progress				
Summary				
	↓ ▲			
Help	Back Next		Cance	el

- 6. In **Product Selection**, clear (uncheck) **Uncheck all**, make the following selections, and then click **Next**:
 - a. Under Foundation Services, select Foundation Components, Foundation Services Java Web Applications, Oracle Database Client 32-bit, Oracle Database Client 64-bit, and Calculation Manager Java Web Application.
 - b. Under Essbase, select Essbase Administration Services Java Web Application and Essbase Server.



- c. Under Financial Reporting, select Financial Reporting Java Web Application.
- d. Under Planning, select Planning Java Web Application.
- e. Financial Management and the required component Financial Management SDK are automatically selected because Financial Reporting requires some Financial Management common libraries to function.

FPM System Install	er 11.2.0.0			>
Welcome	Select the product components:			
 Destination 	Uncheck all	Hide Unavailable Pro	duct Compo	onent
) Installation Type				
Product Selection	Foundation Services			
	✓ Foundation Services Java Web Applications			
) Confirmation	Static Content Files			
Progress	Oracle HTTP Server			
Summany	WebLogic Application Server			
Journmary	Oracle Database Client 32-bit			
	☐ ☐ Oracle Database Client 64-bit			
	Calculation Manager			
	Calculation Manager Java Web Application			
	Contract International Administration Contract Inter Web Application			
	Essbase Administration Services Java web Application			
	Provider Services Java Web Application			
	Ecohoce Studio Server			
	Essbase Studio Server Samples			
	V Esshase Server			
	Essbase Server Samples			
	Financial Reporting			
	Financial Reporting Java Web Application			
	□ ✓ Planning			
	Planning Java Web Application			
	Financial Close Management			
	Tax Management			
	E Financial Management			
	Financial Management SDK			
	Financial Management Java Web Applications			
	Financial Management Server			
	FDM Enterprise Edition			
	Profitability and Cost Management			
	Financial Departing			_
	Status: EPMINS-01015: The selected component can be installed			
	Status, Er mino-o to to, the selected component can be installed.			
Help		Back Next	Ca	incel

7. In Confirmation, click Next.



O Melcollie	EPM Oracle Home: C:\Oracle\Middleware\EPMSystem11R1		
Destination	Product/Component	Installation Type	Status
O Deballatori	Common Components	Install	
Installation Type	Essbase Product Common Components	Install	
Contraction of the local division of the loc	Product Common Components	Install	
Product Selection	Tools	Install	
	OPMN	Install	
Contirmation	Foundation Services		
Drograan	Calculation Manager Java Web Application	Install	
O Progress	Oracle Database Client 64-bit	Install	
Summary	Oracle Database Client 32-bit	Install	
Contraction in the second s	WebLogic Application Server	Install	
	Static Content Files	Install	
	Workspace Java Web Application	Install	
	Foundation Services Java Web Applications	Install	
	Essbase		
	Essbase Server	Install	
	Essbase Administration Services Java Web Application	Install	
	Financial Reporting		
	Financial Reporting Java Web Application	Install	
	Planning		
	Planning Java Web Application	Install	
	Financial Management		
		in the literature of the liter	

- 8. In **Progress**, monitor the installation status
- 9. In Summary, click Finish.

) Destination				
) Installation Type	Product/Component	Installation Type	Status	
/ matanaborr type	Common Components	Install	Completed	
Product Selection	Essbase Product Common Components	Install	Completed	
CONTRACTOR OF A CONTRACTOR OF	Product Common Components	Install	Completed	
) Confirmation	Tools	Install	Completed	
	OPMN	Install	Completed	
) Progress	Foundation Services		Completed	_
Summary	Calculation Manager Java Web Application	Install	Completed	
Journmary	Oracle Database Client 64-bit	Install	Completed	
	Oracle Database Client 32-bit	Install	Completed	
	WebLogic Application Server	Install	Completed	
	Static Content Files	Install	Completed	
	Workspace Java Web Application	Install	Completed	
	Foundation Services Java Web Applications	Install	Completed	
	Essbase		Completed	
	Essbase Server	Install	Completed	
	Essbase Administration Services Java Web Application	Install	Completed	
	Financial Reporting		Completed	
	Financial Reporting Java Web Application	Install	Completed	
	Planning		Completed	
	Planning Java Web Application	Install	Completed	
	Einancial Management		Completed	

- **10.** Install Oracle Smart View for Office:
 - a. Close all Microsoft Office applications.
 - **b.** Browse to epm_downloads, and then double-click SmartView.exe to start the installation wizard.
 - c. Select a destination folder for Smart View, and then click **OK**.
 - d. When installation is complete, click **OK**.



Step 4: Creating Infrastructure Schemas Using Repository Creation Utility

The Repository Creation Utility (RCU) is used to create schemas to support Oracle Enterprise Performance Management System Java web applications. To run RCU and update RCU schema properties:

- Navigate to C:\Oracle\Middleware\oracle_common\bin and launch rcu.bat.
- 2. On the Welcome page, click Next.



3. In Create Repository, ensure that Create Repository and System Load and Product Load are selected, and then click Next.





4. On the **Database Connection Details** page, specify the host, port, fully qualified service name, a user with DBA or SYSDBA, privileges, such as sys, and password, and then click **Next**. When the prerequisite check is completed, click **OK**.



Wekome Create Repository Database Connection Deta	Database Type:		
Select Componenta Cherro Pasiwords Completion Summary Completion Summary	Connection String Format: Connect String Host Name: Pgrt: Service Name: Username: Password: Bole:	Oracle Database Connection Parameters Connection String locahost 1521 epm.example.com sys SYSDBA	

- 5. On the Select Components page, perform these tasks, and then click Next:
 - Select **Create new prefix** and provide a prefix. Oracle recommends that you use the same prefix for the EPM System database user and for the RCU database, such as EPM.
 - Expand **AS Common Schemas** and select all the options.
 - Clear the selection for **Oracle Data Integrator** if **Oracle Data Integrator** is listed.



pository Creation U	tility		FUSION MIDDLEWARE	\mathbf{A}
Welcome_	Specify a unique prefix for all schema schemas later.	is created in this session, so you	can easily locate, reference, and m	anage the
Create Repository				
Database Connection Details	○ Select existing prefix:			
Select Components				
	Oreate new prefix:	EPM		
Schema Passwords		Alpha numeric only. Cannot s	tart with a number. No special chara	cters.
Map Tablespaces				
Summary	Component		Schema Owner	
<u>ounnury</u>	□□Oracle AS Repository Components			
Completion Summary	AS Common Schen	nas		
	Common Infrast	ructure Services *	EPM_STB	
	✓Oracle Platform	Security Services	EPM_OPSS	
	User Messaging	Service	EPM_UMS	
	Audit Services		EPM_IAU	
	Audit Services A	opend	EPM_IAU_APPEND)
	Audit Services Vi	ewer	EPM_IAU_VIEWER	
	Metadata Service	es	EPM_MDS	
	Weblogic Service	es *	EPM_WLS	
	* Mandatory component. Manda	itory components cannot be des	elected.	

When the prerequisite check is completed, click **OK**.

6. On the Schema Passwords page, select Use same passwords for all schemas. Enter a password in Password and Confirm Password, make a note of it, and then click Next.



Repository Creation Utility - Ste	p 5 of 8			- 🗆 X
Repository Creation U	tility			3
y Welcome	Define passwords for m	ain and auxiliary schema users.		
Create Repository	Use same password	s for all schemas		
Database Connection Details	Password:	•••••		
Select Components		Alpha numeric only.Cannot start with a nur No special characters except: \$, # ,	nber.	
Schema Passwords				
Map Tablespaces	Confirm Password:	•••••		
<u>Summary</u>	Use main schema pa	asswords for auxiliary schemas		
O Completion Summary	Specify different pa	sswords for all schemas		
Help			< Back Next > En	nish Cancel

7. On the **Map Tablespaces** page, click **Next**, and then click **OK** to create tablespaces. When the prerequisite check is completed, click **OK**.



epository Creation U	tility		FUSION M	IDDLEWARE
<u>Welcome</u> <u>Create Repository</u> <u>Database Connection Details</u> Select Components	Default and temporary tables To create new tablespaces or	paces for the selected com modify existing tablespace	ponents appear in the table ss,use the Manage Tablespa	below. ces Button Manage <u>T</u> ablespace
Schema Passwords	Component	Schema Owner	Default Tablespace	Temp Tablespace
Schemarasswords	Common Infrastructur.	EPM STB	*EPM STB	*EPM IAS TEMP
Map Tablespaces	Oracle Platform Securit	EPM OPSS	*EPM IAS OPSS	*EPM IAS TEMP
Summary	User Messaging Service	EPM UMS	*FPM IAS UMS	*EPM IAS TEMP
Completion Summary	Audit Services	EPM_IAU	*EPM_IAU	*EPM IAS TEMP
Compression Sumfiller y	Audit Services Append	EPM_IAU_APPEND	*EPM_IAU	*EPM_IAS_TEMP
	Audit Services Viewer	EPM_IAU_VIEWER	*EPM_IAU	*EPM_IAS_TEMP
	Metadata Services	EPM_MDS	*EPM_MDS	*EPM_IAS_TEMP
	Weblogic Services	EPM_WLS	*EPM_WLS	*EPM_IAS_TEMP
	* Default tablespaces (specifi	ed in the configuration files	s) are to be created upon coro	nfirmation.
	**			

8. On the **Summary** page, review the selections, and then click **Create**.

Repository Creation Utility - Ste	p 7 of 8		ODAC	-	×
epository Creation U	tility				
Welcome.	Database details:				
Create Repository	Host Name	localhost			
Database Connection Details	Port	1521			
Select Components	Service Name	epm example cor	Π		
Colores Deserveda	Connected As	sys			
Schema Passwords	Operation	System and Data	Load concurrently		
Map Tablespaces		EDN			
Summary	Prefix for (prefixable) Schema Owners	EPM			
Completion Summary	Component	Schema Owner	Tablespace Type	Tablespace Name	
	Common Infrastructure Services	EPM_STB	Default	EPM_STB	•
			Temp Additional	EPM_IAS_TEMP [None]	
	Oracle Platform Security Services	EPM_OPSS	Default Temp Additional	EPM_IAS_OPSS EPM_IAS_TEMP [None]	
	User Messaging Service	EPM_UMS	Default Temp Additional	EPM_IAS_UMS EPM_IAS_TEMP [None]	
	Audit Services	EPM_IAU	Default Temp Additional	EPM_IAU EPM_IAS_TEMP [None]	
	Audit Services Append	EPM_IAU_APPEND	Default Temp	EPM _IAU EPM _IAS_TEMP	
	Save Response File				



9. On the Completion Summary page, click Close.

epository Creation Utility - Ste	p 8 of 8				
Welcome Create Repository Database Connection Details Select Components Schema Passwords Map Tablespaces Summary Completion Summary	Database details: Host Name I Port Service Name Connected As Soperation Service Name RCU Logfile Component Log Directory View Log Prefix for (prefixable) Schema Owners	localhost 1521 epm.example.c sys System and Da 2 minutes 14 2: Users \EPM C: Users \EPM FCU.log EPM	om ta Load concurrently seconds \AppData\Local\Tem \AppData\Local\Tem	p\2\RCU2020-01-15_16-42 p\2\RCU2020-01-15_16-42	_952976343\logs\rcu.log _952976343\logs
	Compon Common Infrastructure S Orade Platform Security User Messaging Service Audit Services Append Audit Services Viewer Metadata Services	nent Services Services	Success Success Success Success Success Success Success Success Success	Time 00:09.482(sec) 00:19.592(sec) 00:15.288(sec) 00:14.078(sec) 00:09.238(sec) 00:09.260(sec) 00:15.817(sec)	Logfile(Click to view) stb.log opss.log ucsums.log iau_log iau_append.log iau_viewer.log mds.log

10. Navigate to

C:\Oracle\Middleware\EPMSystem11R1\common\config\11.1.2.0\RCU Schema.properties and open it in a text editor.

- **11**. Provide the database details and then save the file.
 - sysDBAUser—The sysdba user for RCU
 - sysDBAPassword—The sysdba password for RCU
 - rcuSchemaPassword—RCU schema password created while running RCU
 - schemaPrefix—The schema prefix used to create RCU.
 - dbURL—For example: dbURL=jdbc:oracle:thin:@hostname:port/ epm.example.com

```
*RCUSchema.properties - Notepad
```

```
File Edit Format View Help
sysDBAPassword=Welcome01
schemaPrefix=EPM
rcuSchemaPassword=Welcome01
dbURL=jdbc:oracle:thin:@//localhost:1521/epm.example.com
sysDBAUser=sys
```



Step 5: Configuring the Planning Domain

To configure the Oracle Hyperion Planning domain:

- 1. From the Start menu, select Oracle EPM System, and then EPM System Configurator (all instances).
- 2. In EPM Oracle Instance, click Next to use the default values.

🤿 EPM System Co	onfigurator 11.2.0.0		2 <u>-2-</u>		×
EPM Oracle Instance	Select the EPM Oracle Instance to which th	he configuration would be applied:			
 Configuration 	there doubles to 500 Oracle industry	C10radeWiddlewareluser projecte		Brows	
 Confirmation 	Home directory for EPM Oracle instances.	C.orademodemarenser_projects		DIOWS	•
Progress	EPM Oracle instance name:	epmsystem1			
 Summary 	Only one EPM Instances Home is supported	d per user and EPM System.			
		- 46.92			

- 3. In Shared Services and Registry Database Connection, enter the following information, and then click Next. Use default values for all remaining fields and selections.
 - Service Name or SID—Enter epm.
 - User Name—Enter epm_user.
 - **Password**—Enter the deployment password.



EPM System Configurate	or 11.2.0.0					-
EPM Oracle Instance	Set up Shared Service	and Registry Database Connection associated with the data	abase instance home:			
Configuration	O Connect to a previous	configured Shared Services database				
) Confirmation	Perform first-time con	uration of Shared Services database				
) Progress	Database connection info	nation:				
Summary						
	Database Type:	racle's Driver (Thin)			_	-
	Server:	epm.example.com				
	Port:	521				
	Service Name or SID:	epm.example.com				
	User Name:	epm_user				
	Password:	•••••				
				Adva	nced Optic	ons
		8888				-
Hala			Death I	1	0	

4. In **Configuration**, ensure that the following configuration tasks are selected, and then click **Next** to configure the selected products.

📢 EPM System Config	jurator 11.2.0.0		×
EPM System Control EPM Oracle Instance Configuration Onfirmation Progress Summary	Jurator 11.2.0.0 Icon type:	_	×
Help		Next	ancel

5. In Configure Common Settings, click Next to use the default values.



🛊 EPM System Config	urator 11.2.0.0					×
Configuration Confirmation	Configure Common Settings: Create Windows Services for configured or Run Windows Services as non-local	omponents system account				
Progress	User Name:					
Summary	Password:					
	Mail Server (SMTP) Setup: Mail Server Host: Outgoing Port:	25				
	Incoming Port:	143				
	Administrator's Email Address:					
	Use SSL to communicate with mail serv	ver				
	Use authentication to send email User Name: Password:					
	1		stalDealdDisaala siissa set			
Help			Back	Next	Ca	ncel

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

EPM Oracle Instance Con	figure Database:					
Configuration Dat	abase Type:	Oracle's Driver (Thin)				•
 Confirmation 						
	Product Name	Server	Port	Servicename/SID	Username	Password
) Progress	Financial Reporting	epm.example.com	1521	epm.example.com	eom user	
×	Essbase Administratio	n epm.example.com	1521	epm.example.com	epm user	
summary	Calculation Manager	epm.example.com	1521	epm.example.com	epm user	
	Planning	enm example com	4504	and an and a second		
		opinionangio.com	1521	epm.example.com	epm_user	
			1521	epm.example.com	epm_user	

- 7. 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.



EPM System Configurate	or 11.2.0.0			3
EPM Oracle Instance	Deploy to Application Server - Sp	pecify WebLogic Domain Information:		
Configuration	O Deploy Java web applications to	an existing domain.		
Confirmation	Administration Server Host:	and have on constant con-		
) Progress	Administration Server Port:			
) Summary	Administrator User:			
	Administrator Password:			
	Domain Name:			
	Deploy lava web applications to	a new domain. The Administration Server for this domain will be created on this machine		
	Domain Name:	EPMSystem		
	Administration Server Port:	7001		-
	Administrator User:	epm_admin		
	Administrator Password:	•••••		
	Confirm Administrator Password:	•••••		

8. In Deploy to Application Server: Oracle WebLogic, click Next to use the default selections.

EPM Oracle Instance	Deplo	oy to Application Server: Oracle W	ebLogic			
Configuration		eploy the Java web applications to a	a single managed server			
Confirmation		.EAR/.WAR	Managed Server Name	Port	SSL Port	Status
Drograss	V	Financial Reporting	EPMServer0	9000	9443	۵.
Progress	V	Workspace	EPMServer0	9000	9443	
Summary		eas	EPMServer0	9000	9443	
A REAL DIVISION OF		CALC	EPMServer0	9000	9443	1
	V	Shared Services	EPMServer0	9000	9443	1
TASTER DISTORT		Planning	EPMServer0	9000	9443	

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



EPM Oracle Instance	Configure Essl	base Server:				
Configuration	Essbase Clust	ter Name:			Assign To I	Existing Cluster
Confirmation	EssbaseClust	ter-1				
Progress	Agent Port Nun	nber:	Active:	SSL Agent Port Number:	Active:	
Summary	1423			6423		
Tolail Senai	Port Range:					
	Start Port:	32768				
	End Port	33768				
	Full path to app	plication locat	ion (ARBORPATH):			
	C:\Oracle\Midd	lleware\user_	projects\epmsystem1\	EssbaseServerlessbaseserver1		Browse
	(For the second and must be a	nd server in accessible via	the cluster, the application the same directory pat	ion location needs to point to the same dire th as in the first machines.)	ectory as the first se	rver in the cluste
	Set the langua	ge to be used	by Essbase (ESSLANG	i):		
	English_Unite	dStates.Latin	1@Binary	-		
	Binding Host N	lame:				
	conidDion.					

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

 ● EPM Oracle Instance ● Configuration ● Ort Range: Rull Ports 8205-822 ● Progress ● Summary 					
Port Range: Confirmation Progress D summary The FR Java web application consumes one RMI port per instance. Reconfiguring the port range affects all the FR Java web applications on a The port range must be at least as large as the number of deployed FR Java web applications.			IMI Ports:	Financial Reporting - Configure RMI Ports:	Oracle Instance
Confirmation BMI Ports 8205-822 Progress The FR Java web application consumes one RMI port per instance. Reconfiguring the port range affects all the FR Java web applications on a The port range must be at least as large as the number of deployed FR Java web applications. The FR Java web application consumes one RMI port per instance. Reconfiguring the port range affects all the FR Java web applications on a The port range must be at least as large as the number of deployed FR Java web applications.				Port Range:	iguration
Progress Summary The FR Java web application consumes one RMI port per instance. Reconfiguring the port range affects all the FR Java web applications on a The port range must be at least as large as the number of deployed FR Java web applications.	05-8228	820		RMI Ports	irmation
Summary The FR Java web application consumes one RMI port per instance. Reconfiguring the port range affects all the FR Java web applications on a The port range must be at least as large as the number of deployed FR Java web applications.					ress
	s on all system	FR Java web applications	hes one RMI port per instance. Reconfiguring the port range affects all the FR J roe as the number of deployed FR Java web applications.	The FR Java web application consumes one RM The port range must be at least as large as the r	mary
					and the state of the
					的公司是是非正的公司任何

11. In **Planning - Configure RMI Server**, click **Next** to use the default values.



🏟 EPM System Config	jurator 11.2.0.0									3,		×
EPM Oracle Instance	Planning - Configure R	RMI Server	8									
 Configuration 	RMI Port		11333									
Confirmation												
Progress	There can be only one f	RMI Regist	try process p	per system.	Reconfiguri	ng the port a	affects a	II RMI regis	stry proces	ses on all	systems.	
Summary												
Help								Back		Next		Cancel

12. In Configure Web Server, select Embedded WebLogic HTTP Server, and then click Next.

and which it is a subscription of a local sector is a subscription of the subscription	Configure Web Server:			
Configuration	Web Server Type	Embedded Webl onic HTTP Server		
Confirmation	Web Occurs Det			
Progress	Web Server Port:			
Pummani			Advanced (
Summary				
	Note: Enabling Web Server	SSL requires manual configuration.		
	Set the logical address f	for the applications to this web server		
		Component		
	CALC			
	EAS			
	Planning			
	Financial Reporting			
	Shared Services			

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



EPM System Configurator	11.2.0.0		-		>
) EPM Oracle Instance	Set Shared Service	es Admin User and Password			
) Configuration	Admin Name:	admin			_
) Confirmation	Password:	•••••			
) Progress	Re-type Password:	•••••			
) Summary					
Ar Jack Martin					
					-
Help		Back Next		Cance	el

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

EPM Oracle Instance	Product/Task	Status	_
Configuration	Hyperion Foundation		
	Pre-Configuration		
Confirmation	Configure Common Settings		
Progress	Configure Database		
Cummen	Deploy to Application Server		
Summary	Configure Web Server		
	Calculation Manager		
	Pre-Configuration		
	Register with Shared Services		
	Configure Database		
	Deploy to Application Server		
	Essbase Administration Services		
	Pre-Configuration		
	Register with Shared Services		
	Configure Database		
	Deploy to Application Server		
	Essbase		
	Pre-Configuration		
	Register with Shared Services		
	Status You have selected the above tasks to be executed. Please click Next to	start the process.	

15. In **Summary**, click **Finish**.



EPM Oracle Instance	Product/Task	Status
Configuration	Hyperion Foundation	
oomgaraaon	Pre-Configuration	Completed
Confirmation	Configure Common Settings	Completed
Progress	Configure Database	Completed
	Opploy to Application Server	Completed
oummary	 Configure Web Server 	Completed
	Calculation Manager	
	Pre-Configuration	Completed
	Register with Shared Services	Completed
	Configure Database	Completed
	 Deploy to Application Server 	Completed
	Essbase Administration Services	
	Pre-Configuration	Completed
	Register with Shared Services	Completed
	Configure Database	Completed
	Opploy to Application Server	Completed
	Essbase	
	Pre-Configuration	Completed
	Register with Shared Services	Completed
	Configure Essbase Server	Completed
	Planning	
	Pre-Configuration	Completed
	Register with Shared Services	Completed
	Configure Database	Completed
	Opploy to Application Server	Completed
	Configure RMI Server	Completed
	Financial Reporting	
	Pre-Configuration	Completed
	Register with Shared Services	Completed
	Configure Database	Completed
	Opploy to Application Server	Completed
	Configure Financial Reporting RMI Ports	Completed
	Workspace	
	 Deploy to Application Server 	Completed
	Financial Management	
	Pre-Configuration	Completed
	Status Configuration completed.	

- **16.** Start WebLogic Administration Server: Launch C:/Oracle/Middleware/ user_projects/domains/EPMSystem/bin/startWeblogic.cmd.
- 17. Start Oracle Enterprise Performance Management System: From the Start menu, select Oracle EPM System, and then Start EPM System.
- **18.** Confirm that processes are running by viewing Windows services. In **Services**, verify that the **Oracle Hyperion** services startup status match those indicated in the following screen shot.

🏟 Oracle Hyperion EPM Server - Java Web Application (epmsystem1)	Controls the running of an Appli		Automatic	Local Syste
Oracle Hyperion RMI Registry (epmsystem1)	Provides access service to Oracle	Running	Automatic	Local Syste
Q Oracle Process Manager (epmsystem1)	OPMN service for Essbase	Running	Automatic	Local Syste

Step 6: Verifying Planning Domain Deployment

To verify Oracle Hyperion Planning domain deployment:

1. Run Oracle Hyperion Enterprise Performance Management System Diagnostics: From the Start menu, select Oracle EPM System, and then EPM System Diagnostics.



- 2. Verify that you can access Oracle Hyperion Enterprise Performance Management Workspace and Planning Administration.
 - a. From the Start menu, select Oracle EPM System, and then Workspace URL.
 - b. In Logon, enter:
 - User Name—Enter admin.
 - **Password**—Enter the deployment password.
 - c. Click Log On.

OR/	ACL	<u> </u>	Interprise	Perform	ance Management System Workspace, Fusion Edition		Logged in as admin	Help	Log Off 👱
<u>N</u> avigate	<u>F</u> ile	⊻iew	Favorites	Tools	Help				
s 🗋	ß	- 1	xplore						
						Search:			Advanced

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

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

Planning Administration is displayed.

avigate File View Favorites Tools	ance Management System W <u>H</u> elp	orkspace, Fusic	on Edition		
Planning Administration ×					
Planning Administration	Manage Applica	tions			
Manage Applications	Actions - View -	4 X B	Detach	()	
Anage Data Source	Application				
	MGPLNEBS				
Constant Mizard	PN_CRReg				
	Vision				

Oracle® Hyperion Planning Rapid Deployment of Oracle Hyperion Planning in Development Environments F12162-03

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