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Reporting Installation Guide

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Oracle Revenue Management and Billing Reporting Installation Guide

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Preface

About This Document

This document will help you to understand the prerequisites, supported platforms, and hardware and software requirements for installing the Oracle Revenue Management and Billing (ORMB) reporting framework.

Intended Audience

This document is intended for the following audience:

- End-Users
- System Administrators
- Consulting Team
- Implementation Team

Organization of the Document

The information in this document is organized into the following sections:

Section No.	Section Name	Description
Section 1	Overview	Provides an overview of installing ORMB Reporting Framework.
Section 2	Verifying the Configuration Files	Lists the configuration files and parameters to be verified in respective files before using reporting framework. It also defines the steps to check and update the configuration files.
Section 3	Application Architecture Overview	Provides an overview of the Oracle Revenue Management and Billing architecture.
Section 4	Supported Platforms	Lists the software and hardware requirements for each application tier.
Section 5	Installing ORMB Reporting	Defines the steps to install ORMB Reporting
Section 6	Contacting Oracle Support	Indicates the oracle Support URL

Related Documents

You can refer to the following	documents	for more	information:
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Document	Description
Oracle Revenue Management and Billing Version 2.6.0.1.0Release Notes	Provides a brief description about the new features, enhancements, UI and database level changes, supported platforms, framework upgrade, supported upgrades, and technology upgrade made in this release. It also highlights the discontinued features, bug fixes, and known issues in this release.
Oracle Revenue Management and Billing Installation Guide	Lists the application server pre-requisites, supported platforms, and software and hardware requirements for installing the Oracle Revenue Management and Billing application. It explains how to install the Oracle Revenue Management and Billing application.
Oracle Revenue Management and Billing Database Administrator's Guide	Provides information about the Oracle Database Server and Client required for installing the Oracle Revenue Management and Billing database. It explains how to install database with and without demo data. It provides database configuration guidelines including recommended settings for the Oracle Exadata Database machine.
Oracle Revenue Management and Billing Server Administration Guide	Explains the Oracle Revenue Management and Billing (ORMB) architecture and technical know-how required for configuring and using the ORMB application. It explains how to configure and deploy web and business application servers. In addition, it explains how to monitor client machines, web and/or business application servers, and database connections.
Oracle Revenue Management and Billing Security Guide	Lists the security features available in the Oracle Revenue Management and Billing application. It explains how to configure security for the Oracle Revenue Management and Billing application using the default security features.

Contents

1.	Overv	view	7
	1.1	Installation Overview	7
2.	Verify	ying the Configuration Files	8
3.	Appli	cation Architecture Overview	10
	3.1	Tier 1: Browser-Based Client	10
	3.2	Tier 2: Web Application Server	10
	3.3	Tier 3: Database Server	10
4.	Supp	orted Platforms	11
	4.1	Operating Systems and Application Servers	11
	4.2	Oracle Database Servers	13
	4.3	SDK - Supported Combinations	13
	4.4	Oracle WebLogic Server Information	13
	4.5	Oracle VM Support	13
	4.6	Oracle Support Policy Regarding VMware	13
5.	Instal	lling ORMB Reporting	14
	5.1	Oracle WebLogic	18
6.	Conta	acting Oracle Support	18

1. Overview

This section provides information on how to install of Oracle Revenue Management and Billing (ORMB) Reporting Framework.

1.1 Installation Overview

Installing Oracle Revenue Management and Billing Reporting Framework involves the following steps:

- 1. Verifying and updating configuration files which include key parameters required for generating reports as described in <u>Verifying Configuration Files</u> section.
- 2. Review the different tiers of the application architecture as described in the <u>Application</u> <u>Architecture Overview</u> section.
- 3. Understand the hardware requirements for installing the application and the supported platforms for the application and database servers as described in the <u>Supported Platforms and Hardware Requirements</u> section.

Note: For more information, refer *Oracle Revenue Management and Billing Database Administrator's Guide*.

2. Verifying the Configuration Files

You need to verify whether the configuration files required for generating reports have valid details. There are two approaches which you can take to verify and update the configuration files:

1. Comment the following line in the

/scratch/rmbbuild/spl/ORMB26000/templates/spl.properties.template file:

```
ouaf.runtime.billView.directoryPath=@force_forward_slash(SPLEBASE)@/splapp/bi
llView/
```

```
To comment the line type ## at the beginning of that line. For example, ###ouaf.runtime.billView.directoryPath=@force_forward_slash(SPLEBASE)@/splapp /billView/
```

Alternatively, you can verify and update the following two configuration files:

- spl.properties
- environ.ini

The spl.properties file lists the parameters and directory path name used by report generating algorithm.

By default, the statements in the respective files not referred by the algorithm while generating the reports are marked commented (##). However, it is recommended to verify the same. In case they are not commented, you must comment the same.

To check which statements need to be commented, you need to search for statements which end with /billView/in the respective spl.properties file. The table below represents the respective spl.properties file path and their valid values.

File Path	Valid Value
<pre>/scratch/rmbbuild/spl/TECHQA26010 /etc/conf/root/WEB- INF/classes/spl.properties</pre>	<pre>##ouaf.runtime.billView.directoryP ath=/scratch/rmbbuild/spl/TECHQA26 010/splapp/billView/</pre>
<pre>/scratch/rmbbuild/spl/TECHQA26010 /etc/conf/XAIApp/WEB- INF/classes/spl.properties</pre>	<pre>##ouaf.runtime.billView.directoryP ath=/scratch/rmbbuild/spl/TECHQA26 010/splapp/billView/</pre>
<pre>/scratch/rmbbuild/spl/TECHQA26010 /splapp/mpl/config/spl.properties</pre>	<pre>##ouaf.runtime.billView.directoryP ath=/scratch/rmbbuild/spl/TECHQA26 010/splapp/billView/</pre>
<pre>/scratch/rmbbuild/spl/TECHQA26010 /splapp/applications/root/WEB- INF/classes/spl.properties</pre>	<pre>##ouaf.runtime.billView.directoryP ath=/scratch/rmbbuild/spl/TECHQA26 010/splapp/billView/</pre>
<pre>/scratch/rmbbuild/spl/TECHQA26010 /splapp/applications/XAIApp/WEB- INF/classes/spl.properties</pre>	<pre>##ouaf.runtime.billView.directoryP ath=/scratch/rmbbuild/spl/TECHQA26 010/splapp/billView/</pre>

/scratch/rmbbuild/spl/TECHQA26010	ouaf.application.URL=the value
/etc/conf/root/WEB-	should be a valid IP and not
INF/classes/spl.properties	refer to localhost.

To check and update the spl.properties files, follow the below steps:

- 1. Login to WinSCP.
- 2. Browse to the respective file path. For example,

/scratch/rmbbuild/spl/TECHQA26010/etc/conf/root/WEB-INF/classes

- 3. Open the spl.properties file.
- 4. Search for the line which ends with /billView/
- 5. If the line is not commented, type ## at the beginning of that line. For example, ##ouaf.runtime.billView.directoryPath=/scratch/rmbbuild/spl/TECHQ A26010/splapp/billView/
- 6. Save and close the file.

To check and update the environ.ini file, follow the below steps:

- 1. Login to WinSCP.
- 2. Browse to the file path. For example,

/scratch/rmbbuild/spl/TECHQA26010/etc/ENVIRON.INI

- 3. Verify if TOP VERSION value=V2.6.0.1.0. If the value is not valid, update the same.
- 4. Verify if TOP_VERSION_NUM value=2.6.0.1.0, If the value is not valid, update the same.

If ouaf.application.URL value refers to localhost, you need to execute the 'update_spl_template.sh' script. This script is a utility which updates the URL. It should be present in installation folder on a server. For example, /scratch/rmbbuild/spl/TECHQA26010.

The script would look like:

#!/bin/bash

ENV_NAME=" TECHQA26010" ENV_PATH="/scratch/rmbbuild/spl/\$ENV_NAME" CCB_SPL_PROPERTY_FILE="CCB_spl.properties.exit.include" HOSTNAME=`hostname -f`; echo "\$ENV_PATH/templates/\$CCB_SPL_PROPERTY_FILE"

sed -i "s/@WEB_WLHOST@/\$HOSTNAME/g" \$ENV_PATH/templates/\$CCB_SPL_PROPERTY_FILE

To update the URL path, follow the below steps:

- 1. After installation, execute the script.
- 2. Run <INSTALL_DIR>/bin/initialSetup.sh script.
- 3. Restart the server.

3. Application Architecture Overview

The application is split into multiple tiers:

3.1 Tier 1: Browser-Based Client

Oracle Revenue Management and Billing supports the following operating systems:

• Windows 7, 8.1, 10 (64-bit)

The following operating system and web browser combinations are supported:

• Windows 7, 8.1, 10 (64-bit) with Internet Explorer 11.x (not in the Compatibility mode)

3.2 Tier 2: Web Application Server

Oracle Revenue Management and Billing supports the following Web application servers:

Oracle WebLogic

3.3 Tier 3: Database Server

Oracle Revenue Management and Billing supports Oracle Database Server.

Please see *Oracle Revenue Management and Billing Server Administration Guide* for a more detailed description of the application architecture and individual tiers.

4. Supported Platforms

This section shows each of the operating system/server combinations on which the product is supported. It includes:

- Operating Systems and Application Servers
- Oracle Database Servers
- SDK Supported Combinations
- Oracle WebLogic Server Information
- Oracle VM Support
- Oracle Support Policy Regarding VMware

4.1 Operating Systems and Application Servers

The installation is supported on many operating system, application server, and database server combinations. For the software requirements for each of these combinations, see *Oracle Revenue Management and Billing Installation Guide*.

-	-			
Operating System and Web Browser (Client)	Operating System (Server)	Chipset	Application Server	Database Server
Windows 7, 8.1, 10 (64-bit) with	AIX 7.2 TL0 (64-bit)	POWER 64-bit	WebLogic 12.2.1.x (64-bit)	Oracle 12.2.0.1
Internet Explorer 11.x	Oracle Linux 6.5+ and 7.x (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle 12.2.0.1
	Red Hat Enterprise Linux ¹ x8 6.5+ and 7.x (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle 12.2.0.1
	Windows Server 2012 R2 (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle 12.2.0.1

The following table lists the operating system and application server combinations on which Oracle Revenue Management and Billing Version 2.6.0.1.0 is supported:

Note:

Oracle Corporation distributes Oracle Linux with the following two kernels:

Red Hat Compatible Kernel – This kernel is identical to the kernel shipped in Red Hat Enterprise Linux.

Unbreakable Enterprise Kernel – This kernel is based on a later Linux 2.6-series kernel, with Oracle's own enhancements for OLTP, InfiniBand, SSD disk access, NUMA-optimizations, Reliable Datagram Sockets (RDS), async I/O, OCFS2, and networking.

Oracle claims that the Unbreakable Enterprise Kernel is compatible with Red Hat Enterprise Linux; and Oracle middleware and third-party Red Hat Enterprise Linux-certified applications can be installed and run unchanged on Unbreakable Enterprise Kernel. However, for users requiring strict compatibility with Red Hat or for users running kernel modules dependent on specific kernel versions, the Red Hat Compatible Kernel offers 100% compatibility with Red Hat Enterprise Linux.

¹ Oracle Revenue Management and Billing is tested and certified on Oracle Linux 6.5+ and 7.x. Oracle Linux is 100% userspace-compatible with Red Hat Enterprise Linux, and therefore Oracle Revenue Management and Billing is supported on Red Hat Enterprise Linux.

4.2 Oracle Database Servers

Oracle Revenue Management and Billing Version 2.6.0.1.0 is supported with Oracle Database Server 12.2.0.1 on all operating systems listed above. The following Oracle Database Server Editions are supported:

• Oracle Database Enterprise Edition

Oracle Database Client 12.1.0.2 is required for Oracle Database Server 12.2.0.1.

4.3 SDK - Supported Combinations

Refer to the SDK documentation for supported platforms and installation instructions.

4.4 Oracle WebLogic Server Information

The following Oracle WebLogic Server Editions are supported:

- Oracle WebLogic Server Standard Edition 12.2.1.x
- Oracle WebLogic Server Enterprise Edition 12.2.1.x (required if using application clustering)

4.5 Oracle VM Support

Oracle Revenue Management and Billing Version 2.6.0.1.0 is supported on Oracle VM Server for x86 (64bit) supported releases of Oracle Linux and Microsoft Windows operating systems.

4.6 Oracle Support Policy Regarding VMware

Please refer to My Oracle Support Knowledge Base Article 249212.1 for Oracle's Support Policy Regarding VMware.

5. Installing ORMB Reporting

Prerequisites

To install ORMB Reporting Version 2.6.0.1.0, you should have:

• ORMB application installed.

Procedure

To install ORMB Reporting Version 2.6.0.1.0:

- 1. Go to WebLogic console.
- 2. Select DEPLOYMENTS from home page.

delete items in this domain.			
Lock & Edit	- Information and Resources		
Release Configuration	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
Domain Structure	Configure GridLink for RAC Data Source	 Read the documentation 	
splapp	Configure a Dynamic Cluster	 Ask a question on My Oracle Support 	
-Environment	 Recent Task Status 		
Services	Set your console preferences		
E-Interoperability	— Domain Configurations		
⊡ Diagnostics	Domain	Services	Interoperability
	Domain	Messaging	WTC Servers
		 JMS Servers 	 Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	 Server Templates 	 Bridges 	Diagnostic Modules
How do I	 Migratable Targets 	Data Sources	Built-in Diagnostic Modules
Search the configuration	Coherence Clusters	Persistent Stores	 Diagnostic Images
Use the Change Center	Machines	XML Registries	 Request Performance
Record WLST Scripts	Virtual Hosts	XML Entity Caches	Archives
Change Console preferences	Work Managers	 Foreign JNDI Providers 	Context
Manage Console extensions	Startup And Shutdown Classes	Work Contexts	 SNMP
Monitor servers		• jCOM	
	Your Deployed Resources	Mail Sessions	Charts and Graphs
System Status	Deployments	FileT3	Monitoring Dashboard
Health of Dunning Convers		• JTA	
health or Running Servers	Your Application's Security Settings	OSGi Frameworks	
Failed (0)	Security Realms		
Critical (0)	- Secondy recome		

Figure 1: Deployment Home Page

3. Deployment Screen appears. Click on Lock & Edit.

ORACLE WebLogic Server Adr	ministr	ratio	n Console 12c						
Change Center	â	🏦 Home Log Out Preferences 🗟 Record Help							Connected to: s
View changes and restarts	H	lome	>Summary of Deployments						
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit Release Configuration Domain Structure splapp	Sur C	Summary of Deployments Control Monitoring This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button. Customize this table Deployments							
⊡-Diagnostics		Inst	all Update Delete Start Stop v				Showi	ng 1 to 4 of 4	Previous Ne:
			Name 🗞	State	Health	Туре	Targets	Deploymen	nt Order
			E Cohelp	Active	🖋 ОК	Enterprise Application	myserver	100	
			B SPLService	Active	🖋 ОК	Enterprise Application	myserver	100	
How do I			E CSPLWeb	Active	🖋 ок	Enterprise Application	myserver	200	



4. **Install Deployment** option is enabled.

ORACLE WebLogic Server Adr	ministratio	on Console 12c								ç
Change Center	🔒 н	🙆 Home Log Out Preferences 🚂 Record Help 🛛 🔍 Welcome, system Connected to: spla								
View changes and restarts	Hom	e >Summary of Deploymer	nts							
No pending changes exist. Click the Release	Summ	nary of Deployments								
Configuration button to allow others to east the domain.	Cont	trol Monitoring								
Lock & Edit										
Release Configuration	Thi: dele	s page displays a list of Jav eted from the domain by fir	a EE applications and stand st selecting the application	d-alone application modul name and using the cont	es that have been installed t rols on this page.	to this doma	ain. Installed a	pplications and modules can b	e started, stopp	oed, updated (redeployed), or
Domain Structure	То	install a new application or	module for deployment to	targets in this domain, cli	ck the Install button.					
splapp BrEnvironment Deployments BrServices Services										
T°security keams B⊡interoperability B⊡Dianostics Install Update Detete Start v Stop v									Showin	ng 1 to 4 of 4 Previous Next
		Name 🖚				State	Health	Туре	Targets	Deployment Order
		E ohelp				Active	🖋 ок	Enterprise Application	myserver	100
		E SPLService				Active	🖋 ок	Enterprise Application	myserver	100
How do I		E SPLWeb				Active	🖋 ок	Enterprise Application	myserver	200

Figure 3: Install Deployment

5. Click Install. The 'Locate deployment to install and prepare for deployment' screen appears.

6. Select the path '/scratch/rmbbuild/spl/<INSTALL DERECTORY>/splapp/applications'.

Change Center	Home Log Out Preferences	Record Help	Welcome, system Connected t					
View changes and restarts	Home >Summary of Deploymen	Home >Summary of Deployments						
No pending changes exist. Click the Release	e Back Next Finish Cancel							
Configuration button to allow others to edit the domain.								
Release Configuration	Locate deployment to install and prepare for deployment Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the applicatio directory or file in the Path field.							
Domain Structure								
splapp	Note: Only valid file paths are	displayed below. If you cannot find your deployment files, upload your file(s) and	d/or confirm that your application contains the required deployment descriptors.					
Deployments	Path:	/scratch/rmbbuild/spl/ORMB26010SF/splapp/applications						
the Services	Recently Used Paths:	/scratch/rmbbuild/spl/ORMB260105F/splapp/iws/deploy						
Interoperability	Current Location: 10.180.87.109 / scratch / rmbbuild / spl / ORMB260105F / splapp / applications							

Figure 4: Locate Deployment Screen

7. Select spl-reporting.ear node.

Rolongo Configuration	Locate deployment to install a	na prepare tor aepioyment
Domain Structure	Select the file path that represent directory or file in the Path field.	the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application
splapp El-Environment	Note: Only valid file paths are dis	played below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.
Deployments	Path:	/scratch/rmbbuild/spl/ORMB26010SF/splapp/applications/spl-reporting.ear
Services Services	Recently Used Paths:	/scratch/rmbbuild/spl/ORMB26010SF/splapp/iws/deploy
	Current Location:	10.180.87.109 / scratch / rmbbuild / spl / ORMB260105F / splapp / applications
	🔍 🎥 XAIApp (open directory	
	appViewer (open direct	ony)
	help (open directory)	
	ohelp	
	🔍 🎥 root (open directory)	
	SPLApp.war	
How do I	SPLService.ear	
	SPLWeb.ear	
 Start and stop a deployed enterprise application 	ThreadPoolWorker.ea	r
Configure an enterprise application	V I XAIApp.war	
Create a deployment plan	• • appViewer.war	
Target an enterprise application to a server	Ohelp.ear	
Test the modules in an enterprise application	Spi-reporting.ear	
	Back Next Finish Cance	1
System Status		

- **Figure 5: Deployment Option**
- 8. Click **NEXT**. The options to 'Choose targeting style' appear.
- 9. Select 'Install this deployment as an application' and click NEXT.

	ninistration Console 12c	Õ
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, system Connected to: splapp
View changes and restarts	Home >Summary of Deployments	
No pending changes exist. Click the Release	Install Application Assistant	
Configuration button to allow others to edit the domain.	Back Next Finish Cancel	
Release Configuration	Choose targeting style	
	Targets are the servers, clusters, and virtual hosts on which this deployment will run. There are several ways you can target an application.	
Domain Structure splapp	(1) Install this deployment as an application	
-Environment	The application and its components will be targeted to the same locations. This is the most common usage.	
Genoyments Genoyments Genoyments Genoyments Genoyments	Install this deployment as a library	
Interoperability Diagnostics	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing application	tions.
	Back Next Finish Cancel	
Henry de T		

Figure 6: Deployment Option

10. You will see 'Optional Settings' page. Set default values to all fields and click NEXT.

	inistration Console 12c)O
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, system	Connected to: splapp
View changes and restarts	Home >Summary of Deployments		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Install Application Assistant Back Next Finish Cencel Optional Settings You can modify these settings or accest the defaults		
Domain Structure	* Indicates required fields		
splapp ⊕ Environment → Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Diagnostics	General What do you want to name this deployment? Name: spl-reporting Security What security model do you want to use with this application? DD Only: Use only roles and policies that are defined in the deployment descriptors. Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.		
How do I	O Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.		

Figure 7: Optional Settings

11. 'Review your choices and click Finish' options appear. Select 'No, I will review the configuration later.' Click Finish.

ORACLE WebLogic Server Adm	ninistration Console 12c		Ģ			
Change Center	A Home Log Out Preferences	Record Help	Welcome, system Connected to: spla			
View changes and restarts	Home >Summary of Deployments					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Install Application Assistant					
domain.	Back Next Finish Ca	incel				
Release Configuration	Review your choices and cl	ick Finish				
	Click Finish to complete the de	Click Finish to complete the deployment. This may take a few moments to complete.				
Domain Structure	— Additional configuration –					
splapp	In order to work successfully, th	is application may require additional configuration. Do you want to review this application's configuration	after completing this assistant?			
Deployments Services	• Yes, take me to the deple	yment's configuration screen.				
Security Realms	No, I will review the cont	iguration later.				
ttr Diagnostics	— Summary —					
	Deployment:	/scratch/rmbbuild/spl/ORMB26010SF/splapp/applications/spl-reporting.ear				
	Name:	spl-reporting				
	Staging Mode:	Use the defaults defined by the chosen targets				
How do I	Plan Staging Mode:	Use the same accessibility as the application				

Figure 8: Review Choices

12. The 'spl-reporting' ear file will be deployed into 'distribute Initializing' state.

13. Click 'Activate Changes' to activate the changes.

ORACLE WebLogic Server Adr	inistration Console 12c								
Change Center	🏦 Home Log Out Preferences 🖾 Record Help				Welcome, s	ystem	Connected to: sp		
View changes and restarts Pending changes exist. They must be activated to take effect. Images and restarts Pending changes exist. They must be activated to take effect. Images and restarts Images and restarts Pending changes exist. They must be activated to take effect. Images and restarts Images and restarts									
						_			
	Showing 1 to 5 of 5 Previous Net Stop ×								
	🔲 Name 🌣	State	Health	Туре	Targets	Deploy	yment Order		
How do I 🗉	□ ■ Eohelp	Active	🖋 ок	Enterprise Application	myserver	100			

Figure 9: Activate Changes

14. Spl-reporting state changes to 'Prepared'.

splapp ⊕ Environment → Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Diagnostics	This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button.							
	Install Update Delete Start V Stop V				Showin	ng 1 to 5 of 5 Previous Next		
	Name 🗞	State	Health	Туре	Targets	Deployment Order		
		Active	🛩 ок	Enterprise Application	myserver	100		
How do I	E Spl-reporting	Prepared	🖋 ок	Enterprise Application	myserver	100		
Configure an enterprise application	□ ■ SPLService	Active	🖋 ок	Enterprise Application	myserver	100		
Update (redeploy) an enterprise application Start and stop a deployed enterprise	E C SPLWeb	Active	🖋 ок	Enterprise Application	myserver	200		
application Monitor the modules of an enterprise 	United States	Active	🖋 ок	Enterprise Application	myserver	100		
application Deploy EJB modules	Install Update Delete Start Stop Stop Stop Store				Showin	ng 1 to 5 of 5 Previous Next		
Install a Web application								

Figure 10: Deployment State

15. To activate deployed reporting ear file, select spl-reporting node and click **Start**. Select 'Servicing all requests' from the drop-down list.

splap B Environment Deployments Security Realms D Interoperability B Diagnostics	This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), deleted from the domain by first selecting the application name and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button. Customize this table Deployments						
	Install Update Delete Start Stop				Showin	g 1 to 5 of 5 Previous Next	
	Name Servicing all requests Servicing only administration requests	State He	lealth T	Гуре	Targets	Deployment Order	
	E Cohelp	Active 🖋	OK E	Interprise Application	myserver	100	
How do I		Prepared 🖋	OK E	Interprise Application	myserver	100	
Install an enterprise application Configure an enterprise application	B SPLService	Active 🖋	ок Е	Interprise Application	myserver	100	
 Update (redeploy) an enterprise application Start and stop a deployed enterprise 	E ESPLWeb	Active 🖋	OK E	Interprise Application	myserver	200	
application • Monitor the modules of an enterprise	Bergewebservices	Active 🖋	OK E	Enterprise Application	myserver	100	
application Deploy EJB modules	Install Update Delete Start Showing 1 to 5 of 5 Previous Next						
 Install a Web application 							

Figure 11: Activate Deployment

16. 'Start Application Assistant' screen appears.

ORACLE WebLogic Server Ad	iministration Console 12c	Č
Change Center	🕜 Home Log Out Preferences 🔐 Record Help	Welcome, system Connected to: spla
View changes and restarts	Home >Summary of Deployments >spl-reporting >Roles >Summary of Deployments	
Click the Lock & Edit button to modify, add or delete items in this domain	Start Application Assistant	
Lock & Edit	Yes No	
Release Configuration	Start Deployments	
Domain Structure	You have selected the following deployments to be started. Click Yes' to continue, or 'No' to cancel.	
splapp	spi-reporting	
Deployments	Yes No.	
⊞Services		

Figure 12: Start Application Assistant

splapp B Environment Deployments Services Security Realms D Interoperability D Diagnostics		This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or detect from the domain by first selecting the application name and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button. Customize this table Deployments							
		Ins	tall Update Delete Start Stop v				Showi	ng 1 to 5 of 5 Previous Next	
			Name 🗞	State	Health	Туре	Targets	Deployment Order	
			E Cohelp	Active	🖋 ОК	Enterprise Application	myserver	100	
How do I			⊞spl-reporting	Active	🖋 ок	Enterprise Application	myserver	100	
Install an enterprise application								100	
Configure an enterprise application			E SPEService	Active	✓ OK	Enterprise Application	myserver	100	
Update (redeploy) an enterprise application Start and stars a deployed enterprise			⊞ En SPLWeb	Active	🖋 ок	Enterprise Application	myserver	200	
application			E Rebservices	Active	🖋 ОК	Enterprise Application	myserver	100	
Monitor the modules of an enterprise application Install Uddete Delete Starty Stooy Showing 1 to 5 of 5						ng 1 to 5 of 5 Previous Next			
Deploy EJB modules									
Install a Web application									

Figure 13: Deployment State

17. Select Yes. The status of deployed reporting ear file is 'ACTIVE'.

Note: For more information, refer to Oracle Revenue Management and Billing Installation Guide.

5.1 Oracle WebLogic

You must download Oracle WebLogic from Oracle Software Delivery Cloud. The supported versions of Oracle WebLogic Server are listed in the <u>Operating Systems and Application Servers</u> section.

6. Contacting Oracle Support

Contact Oracle Support at http://www.oracle.com/support/index.html