Oracle® Retail Integration Bus

Hospital Administration Guide Release 13.2.6 **E47711-01**

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 13.2.6

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Glossary

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 13.2.6

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- Did you understand the context of the procedures?
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If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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Preface

The Oracle Retail Integration Bus Hospital Administration Guide describes the application user interface and how to navigate through it.

Audience

This document is intended for the users and administrators of Oracle RIB Hospital Administration. This may include merchandisers, buyers, and business analysts.

Documentation Accessibility

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Related Documents

For more information, see the following documents in the Oracle Retail Integration Bus 13.2.6 documentation set:

- Oracle Retail Integration Bus Installation Guide
- Oracle Retail Integration Bus Release Notes
- Oracle Retail Functional Artifacts Generator Guide
- Oracle Retail Service-Oriented Architecture Enabler Tool Guide

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- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.2) or a later patch release (for example, 13.2.3). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

http://www.oracle.com/technology/documentation/oracle_retail.html

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1 Introduction

Oracle Retail Integration Bus Hospital Administration or RIB Hospital Administration (RIHA) is a tool to manage RIB messages in the RIB hospital error tables.

Using RIHA you can search for hospital records, stop a message from being retried, retry a message for which maximum system-set retries have been tried, and delete a message from the tables. You can insert new records into hospital tables. You can also update existing hospital records and message payloads.

RIHA should be installed only after core RIB components have been installed and verified. For each RIB-<app>, the riha-<app> ear file must be deployed separately and the tool can be accessed using a browser.

Using RIHA is the recommended way to perform all RIB Hospital error table operations.

Installation and Setup

The RIHA installation chapter widely focuses on ADF 11g runtime installation and deploying the tool's EAR file. For more information about domain creation and other server related information, see the WebLogic application server documents.

Installation and Setup Instructions

This section describes the installation and setup instructions including the installation prerequisite, preparing the WebLogic server, creating a WebLogic domain, verifying installation of ADF runtime libraries, extending an existing domain to add ADF run-time libraries, and deploying the EAR file. It also describes the security setup guidelines.

Note: The screen captures included in the following procedures are for example only. Because these procedures must be followed for each application, valid values will vary. Therefore, consider the illustrations as guides only; the values shown may not always apply.

Installation Prerequisite

The RIB Hospital Administration(RIHA) requires Oracle WebLogic Server 11g Release 3 (10.3.6) and built with Java 6 (JDK 1.6.0_18+ 64 bit or Jrockit 1.6 R28 build or later, within the 1.6 code line. 64 bit, for Linux and Solaris OS only).

Important: If there is an existing WebLogic 10.3.3 installation on the server, you must upgrade WebLogic 10.3.3 to WebLogic 10.3.6. All middleware components associated with WebLogic server 10.3.3 should be upgraded to 11.1.1.6.

Back up the weblogic.policy file (\$WLS_HOME/wlserver_ 10.3/server/lib) before upgrading your WebLogic server, because this file could be overwritten. Copy over the weblogic.policy backup file after the WebLogic upgrade is finished and the post patching installation steps are completed.

For general instructions on upgrading Weblogic, please refer to My Oracle Support document, "How to Upgrade from WebLogic11g 10.3.3 to WebLogic11g 10.3.4" (ID 1432575.1).

Prepare the WebLogic Server

To get the ADF runtime option while creating a domain, download the Application Development Runtime-11.1.1.6.0 from http://www.oracle.com/technetwork/index.html.

1. Unpack the downloaded Application Development Runtime-11.1.1.6.0 and run the installer. The Installer Welcome screen opens.

Oracle Fusion Middleware 11g Application Developer Installation - Step 1 of 6			
FUSION MIDDLEWARE 11			
 Welcome to Oracle Fusion Middleware 11g Application Developer Installer. Before proceeding, install a WebLogic server. For more information, see the WebLogic Server installation instructions in the Oracle Fusion Middleware Installation Guide for Oracle SOA Suite. After all necessary schemas are created, and a WebLogic server is installed, select <u>N</u>ext to begin the installation. Context-sensitive help is available at any time by selecting <u>H</u>elp. 			
Copyright (c) 1999, 2009, Oracle and/or its affiliates. All rights reserved.			

- 2. Click Next.
 - Installer performs the prerequisite checks and ensures all required prerequisites are met.

O Oracle Fusion Middleware 11g Application Developer Installation - Step 2 of 6				
Prerequisite Chec	ks	-0		eware 11 g
ψ <u>Welcome</u>	Selection	Check	Progress	Status
Prerequisite Checks		Checking operating system certific	100%	×
 Specify Installation Locatio 	1	Checking recommended operating	100%	▲
Installation Summary	2	Checking kernel parameters	100%	▲
↓ ♀ Installation Progress	4	Checking Recommended glibc ver	100%	×
i Installation Complete	\checkmark	Checking physical memory	100%	× 1
	•			
		Abort	: <u>R</u> etry	<u>C</u> ontinue
		hecking operating system certification hecking recommended operating syst hecking kernel parameters hecking Recommended glibc version	n Iem packages	•
Help		< <u>B</u> ack	<u>N</u> ext > Einis	h Cancel
			Elaj	osed Time: 4m 19s

3. Click **Next**. The Specify Installation Location screen opens.

🖸 Oracle Fusion Middleware 11g Application Developer Installation - Step 3 of 6 📃 🗶			
Specify Installation	n Location		
Installation Complete	Oracle <u>M</u> iddleware Home: <u>O</u> racle Home Directory:	ne/gaparth/w1033-Dec15 Browse oracle_common	
۲ Help	The WebLogic Server Home.	must already be installed in the same Middleware	
		Elapsed Time: 5m 19s	

4. Select the Oracle Middleware Home from where the WebLogic server instance hosting RIHA applications will run.

5. Click Next. The Installation Summary screen opens.

Oracle Fusion Middlewa	re 11g Application Developer Installation - Step 4 of 6
Installation Sumn	
Y <u>Welcome</u>	Install Oracle Application Developer
Prerequisite Checks	Directory Details
Specify Installation Locatio	—Middleware Home Location: /home/gaparth/w1033-Dec15 —Oracle Home Location: /home/gaparth/w1033-Dec15/oracle_commo
Installation Summary	Disk Space
↓ Installation Progress	-Required: 760 MB
Installation Complete	-Available: 37124 MB
	Oracle Enterprise Manager
	Save Response File: Save
	To shange this configuration before installing relast the topic you wont to
	change in the pane on the left.
	To install this configuration, select <u>I</u> nstall.
Help	< <u>Back</u> <u>Next</u> <u>Install</u> Cancel
	Elapsed Time: 5m 39s

- 6. Click Install.
 - The installation progress is displayed.

O Oracle Fusion Middleware 11g Application Developer Installation - Step 5 of 6		
Installation Prog	ress CRACLE FUSION MIDDLEWARE 118	
♀ Welcome	Progress	
Prerequisite Checks	100%	
↓ Specify Installation Locatio	Setting up	
↓ ↓ Installation Summary	Install Log /home/gaparth/oralnventory/logs/install2010-12-15_01-37-47PM.	
Installation Progress	Installation Successful. Starting execution of post install scripts	
U Installation Complete	Execution of post install scripts completed	
Oracle Fusion Middleware Extreme Productivity		
	ORACLE	
Help	< <u>8</u> ack <u>Next</u> <u>Finish</u> Cancel	
	Elapsed Time: 10m 29s	

7. Click **Next**. The Installation Complete screen opens once the installation is complete.

Oracle Fusion Middlewa	re 11g Application Developer Installation - Step 6 of 6
Installation Comp	Plete CRACLE FUSION MIDDLEWARE 118
Y Welcome	Install Oracle Application Developer
Prerequisite Checks	Directory Details
i Specify Installation Locatio	—Middleware Home Location: /home/gaparth/w1033-Dec15 —Oracle Home Location: /home/gaparth/w1033-Dec15/oracle_commo
i Y Installation Summary	⊡Disk Space
↓ Installation Progress	Oracle Home Size: 770 MB
lnstallation Complete	- Applications
	Save Installation Details:
	Oracle Application Developer installation completed successfully
Help	< <u>Back</u> Next > Einish Cancel
	Elapsed Time: 10m 59s

8. Click Finish.

Creating a WebLogic Domain with ADF Runtime Libraries

This section describes the steps to create a new WebLogic domain with ADF runtime libraries.

- 1. Run quick start from the Oracle Middleware home located under Utils folder.
 - The WebLogic Platform Quick Start screen opens.



- **2.** Select Getting started with WebLogic Server.
 - The Fusion Middleware Configuration Wizard opens.

Fusion Middleware Configuration Wizard	
Welcome	ORACLE [.]
• Create a new WebLogic domain	
Create a WebLogic domain in your projects directory.	
○ Extend an existing WebLogic domain	
Use this option to add new components to an existing domain and modify configuration se	ettings.
E <u>x</u> it <u>H</u> elp	Previous Next

3. Select Create a new WebLogic domain. The domain source window screen opens.

Fusion Middleware Configuration Wizard	_ ×
Select Domain Source	ORACLE
Converte a domain configured automatically to support the following product	ete
Racic Webl opic Server Domain - 10.3.3.0 M/Server, 10.31*	
Oracle Enterprise Manager - 11.1.1.0 [oracle common]	
Oracle WSM Policy Manager - 11.1.1.0 [oracle_common]	
Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common]	
Oracle JRF - 11.1.1.0 [oracle_common]	
WebLogic Advanced Web Services for JAX-RPC Extension - 10.3.3.0 [wserver_10.3]	
WebLogic Advanced Web Services for JAX-WS Extension - 10.3.3.0 [wserver_10.3]	
O Base this domain on an existing template	
Template location: /u01/rrtswls/Oracle/Middleware	Browse
E <u>x</u> it <u>H</u> elp	Previous Next

4. Select the Oracle JRF - 11.1.1.0 checkbox. Click Next.

Fusion Middleware Configura	ition Wizard	
Specify Domain Name and Lo	cation	ORACLE
	Enter the name and location for the domain:	
Domain name:	adf_domain5	
Domain location:	/u01/rrtswls/Oracle/Middleware/user_projects/domains	Browse
Exit Help		Previous

- **5.** In the Domain name field, enter the domain name.
- **6.** In the Domain location field, enter the domain location or click **Browse** to select a domain location.
- 7. Click Next.

Fusion Middleware Con	figuration Wizard	
Configure Administrator	User Name and Password	ORACLE
Discard Changes		
*Name:	weblogic	
*User password:	*****	
*Confirm user password:	*******	
Description:	This user is the default administrator.	
E <u>x</u> it <u>H</u> elp		Previous Next

- **8.** In the Name field, enter the user name.
- **9.** In the User Password field, enter a password for the user.
- **10.** In the Confirm user password field, enter the password again.
- **11.** In the Description field, enter a description for the user (optional).
 - Click Discard Changes (above the Name field) to reset the fields.
- 12. Click Next. The server configuration screen opens.

Fusion Middleware Configuration Wizard	
Configure Server Start Mode and JDK	ORACLE
Before putting your domain into production, make sure that 'Securing a Production Environment' in the WebLogic Server To use WebLogic JRockit in production, Oracle recommends project cycle. For information about WebLogic JRockit, see th	the production environment is secure. For more information, see the topic documentation. developing and testing your applications with WebLogic JRockit early in the ne WebLogic JRockit documentation.
WebLogic Domain Startup Mode	JDK Selection
O Development Mode Utilize boot.properties for username and password and poll for applications to deploy. Sun JDK recommended for better startup performance during iterative development.	Available JDKs JRockit SDK 1.6.0_17 @ /u01/rrtswls/Oracle/Middlews Sun SDK 1.6.0_18 @ /u01/rrtswls/Oracle/Middleware
Production Mode Require the entry of a username and password and do not poll for applications to deploy. WebLogic JRockit JDK recommended for better runtime performance and management.	Other JDK Location: Browse
E <u>x</u> it <u>H</u> elp	Previous Next

- **13.** In the WebLogic Domain Startup Mode section, select Production Mode.
 - The available JDKs are listed in the JDK Selection section.
- **14.** Select a JDK from the available JDKs.
 - Click Other JDK to browse and select a JDK of your choice.
- 15. Click Next. The Select Optional Configuration screen opens.



- **16.** Select the Managed Servers, Clusters and Machines checkbox to add a managed server for the domain.
- **17.** Select the Deployments and Services checkbox to add ADF runtime libraries to the managed server for the domain.
- 18. Click Next. The Configure Managed Servers screen opens.

	Fusion Middleware Conf	iguration Wizard			_ × _
C	onfigure Managed Serve	rs			ORACLE
	📴 Add 🗙 Delete 💍 Discar	rd Changes			Switch Display
	Name*	Listen address*	Listen port	SSL listen port	SSL enabled
	→ 1 new_ManagedServer_1	All Local Addresses	∀ 70	009	N/A
	E <u>x</u> it <u>H</u> elp				Previous Next

- **19.** Click **Add** to add a managed server and edit the name and ports of the managed server.
- **20.** Click **Next**. The Configure Clusters screen opens.

	Fusion Middlewar	e Configuration Wizard			
c	onfigure Clusters				ORACLE
	📴 Add 💥 Delete 🕻	Dis <u>c</u> ard Changes			Switch Display
	Name*	Cluster messaging mode	Multicast address	Multicast port	Cluster address
	E <u>x</u> it <u>H</u> elp				Previous Next

- **21.** Click **Add** and configure the clusters if needed.
- **22.** Click **Next**. The Configure Machines screen opens.

🛐 Fusion Midd	leware Configu	ration Wizard		
Configure Mac	hines		ORACL	-e.
Machine	Unix Machine			
Name*	Delete 🕐 Dis <u>c</u> ard	Node manager listen address	Node manager listen port	
E <u>x</u> it <u>H</u>	elp		Previous	<u>l</u> ext

- **23.** Click **Add** and configure the machines.
- **24.** Click **Next**. The Target Deployments to Clusters or Servers screen opens.

Fusion Middleware Configure	ration Wizard	
Target Deployments to Clus	ters or Servers	ORACLE [.]
Select clusters or servers in the left p	ane. Then check applications in the right pane to target them to	the selected clusters or servers.
Target	new_ManagedServer_1	
Server	Deployments	Target
onew_ManagedServer_1	FMW Welcome Page Application#11.1.0.0.0	AdminServer
	Wsil-ws	AdminServer
	Library oracle.inf.system.filter	AdminServer, new_Manag
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, new_Manag
	✓ oracle.jsp.next#11.1.1@11.1.1 ✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer,new_Manag AdminServer,new_Manag
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, new_Manag
	adf.oracle.domain#1.0@11.1.1.2.0 oracle.adf.dconfidheans#1.0@11.1.1.2.0	AdminServer,new_Manag 🛏 AdminServer,new_Manag
	✓ oracle.adf.management#1.0@11.1.1.2.0	AdminServer, new_Manag
	✓ adf.oracle.domain.webapp#1.0@11.1.1.2.0	AdminServer, new_Manag
	Select <u>A</u> II Unselect All Discard Changes	Adminserver, new_Manaq
E <u>x</u> it <u>H</u> elp		Previous Next

25. Select the created cluster or server (new_managedServer_1, in this example) in the left pane.

- **26.** Select the applications in the right pane to target them to the selected cluster or server.
- 27. Click Next. The Target Services to Clusters or Services screen opens.

Fusion Middleware Configu Fusion Middleware Configu	iration Wizard	
Target Services to Clusters	or Servers	ORACLE
Select clusters or servers in the left	pane. Then check services in the right pane to target them to	the selected clusters or servers.
Target	new_ManagedServer_1	
🛅 Server	Service	Target
- to AdminServer	😑 🗹 🚞 Shutdown Class	A
- to new_ManagedServer_1	JOC-Shutdown	AdminServer, new_Manage
	DMSShutdown	AdminServer, new_Manage
	- 🗹 🛅 Startup Class	
	✓ JRF Startup Class	AdminServer, new_Manage
	✓ JPS Startup Class	AdminServer, new_Manage
	ODL-Startup	AdminServer, new_Manage
	Audit Loader Startup Class	AdminServer, new_Manage
	AWT Application Context Startup Class	AdminServer, new_Manage
	✓ JMX Framework Startup Class	AdminServer, new_Manage
	JOC-Startup	AdminServer, new_Manage
	DMS-Startup	AdminServer, new_Manage
	WLDF System Resource	
	Module-FMWDFW	AdminServer
		v
	Select <u>A</u> II Unselect AII Dis <u>c</u> ard Changes	
E <u>x</u> it <u>H</u> elp		Previous Next

- **28.** Select the clusters or servers in the left pane.
- **29.** Select the services in the right pane to target them to the selected clusters or servers.
- 30. Click Next. The Configuration Summary screen opens.

Fusion Middleware Configuration Wizard		X .
Configuration Summary		ORACLE
Domain Summary Summary View: Deployment adf_domain5 (/u01/rrtswls/Oracle/Middleware Server AdminServer	Click on an ite attributes in th clicking Previo Create. Details Attribute	m in the Domain Summary pane on the left to inspect its he Details pane below. You can make limited adjustments by ous to return to a prior panel. If everything is satisfactory, click Value
Service Shutdown Class JOC-Shutdown DMSShutdown DMSShutdown Startup Class JIRF Startup Class ODL-Startup Audit Loader Startup Class JMX Framework Startup Class JOC-Startup DMS-startup DMS-startup WLDF System Resource Module-FMWDFW Y	Name Description Author Location Name Description Author Location	Basic WebLogic Server Domain Create a basic WebLogic Server domain without installing sample Oracle Corporation /u01/rrtswls/Oracle/Middleware/wiserver_10.3/common/temp Oracle JRF Required for Fusion Middleware Components and applications bi Oracle Corporation /u01/rrtswls/Oracle/Middleware/oracle_common/common/tem
E <u>x</u> it <u>H</u> elp		Previous

31. Click **Create**. The Creating Domain screen opens.

Fusion Middleware Configura	tion Wizard
Creating Domain	
	ORACLE
	Progress:
	100%
ORACLE'	Preparing Extracting Domain Contents Creating Domain Security Information Saving the Domain Information Storing Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Created Successfully! Domain Location: /u01/rrtswls/Oracle/Middleware/user_projects/domains/adf_domainS Admin Server URL: http://mspdv170:7001
E <u>x</u> it <u>H</u> elp	Previous Done

32. Click **Done**. The domain and managed servers with ADF runtime is created.

Verify Installation of ADF Runtime Libraries

This section describes the steps to verify the installation of ADF runtime libraries.

1. Start the server and log on to the console.

Summary of Deployments - adf_do	main5 - WLS Console - Mozilla Firefox					
Bie Edit View Higtory Bookmarks Tools Help						
< • 🔅 🛞 🏠 🗋 http://mspdv170.7001/console/console portal?_rdpb=true&_pageLabel=AppDeploymentsControlPage 🛛 + 🕨 💽-(ext. exact-match: false]. 🔍						
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Citck the Lock & Edit button to modify, add or	Summary of Deployments					
delete items in this domain.	Control Monitoring					
Lock & Edit						
Release Configuration	This page displays a list of Java EE applications and stand-alone application modules that have predictively or deleted from the domain by first selection the application name and union the	e been installed to this -	domain. Installed app	plications and modules can be started, stopped, up	chied	
Domain Structure		control of the paper				
ad_domain5	To install a new appreation or module for deployment to targets in this domain, cack the install	button.				
Deployments	Customize this table					
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	Name 🙃	State	Health Type	Deployment Order		
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Done				A 🐝 Now: 78 °E 六 Today	- 80 *E 🍈	

- 2. In the Domain Structure section, click **Deployments**. The deployed libraries are listed.
- (1.0,11.1.1.2.0) adf
- Click on the ADF libraries. 3.

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delete items in this domain.	Overview Targets lotes		
Lock & Edit	Circk the Lock & Edit button in the Change Center to mostly the settings on this page.		
Release Configuration	Save		- 11
Domain Structure			- 11
ad_domain5	Use this page to select the WebLogic Server instances and clusters to which you want to deploy (target) the Java EE library.		- 11
Depkyments			- 11
Services Services	Servers		- 11
Interoperability	7 AdminServer		- 11
B-Disgrostics			- 11
	/ new_aaanageoserver_1		
	Save		- 11
	Click the Lock 4 Edit button in the Change Center to modify the settings on this page.		- 11
How do L. 🛛			- 11
 Install a Java EE library 			_
 Target a Java EE library to a server or cluster 			
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4. Click the **Targets** tab and verify that the created server is selected for that library.

Extending an existing domain to add ADF run-time libraries

This section describes the steps to extend an existing domain to add ADF runtime libraries.

- 1. Run quick start from the Oracle Middleware home located under Utils folder.
 - The WebLogic Platform Quick Start screen opens.



- **2.** Select Getting started with WebLogic Server.
 - The Fusion Middleware Configuration Wizard opens.



- 3. Select Extend an existing WebLogic domain.
- 4. Click Next. The Select a WebLogic Domain Directory screen opens.

Fusion Middleware Configuration Wizard	X
Select a WebLogic Domain Directory	ORACLE
Select a WebLogic domain directory:	
= 🛄 domains	A
🗉 😭 adf_domain1	
🕢 🖬 🔐 adf_domain2	
Ŧ 🙀 adf_domain3	
🕑 🙀 adf_domain5	
\pm 📷 adf_domain7	
🛨 🚰 base_domain	
upgrade_logs	
Wiserver_10.3	
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- 5. Select the domain that requires ADF runtime libraries.
- 6. Click Next. The Select Extension Source screen opens.

Fusion Middleware Configur	ration Wizard	
Select Extension Source		ORACLE
 Extend my dom 	ain automatically to support the following added products:	
Basic WebLogic Si	erver Domain - 10.3.3.0 [wiserver_10.3] "	
	Manager - 11.1.1.0 (oracle_common)	
Oracle WSM Policy	y Manager - 11.1.1.U [oracle_common]	
Oracle JRF WebSe	rvices Asynchronous services - 11.1.1.0 [oracle_common]	
Oracle JRF - 11.1.	1.0 [oracle_common]	
WebLogic Advance	ced Web Services for JAX-RPC Extension - 10.3.3.0 [w/server_10.3]	
WebLogic Advance	ced Web Services for JAX-WS Extension - 10.3.3.0 [wfserver_10.3]	
⊖ Extend my dom	ain using an existing extension template	
Template location:	/u01/rrtswls/Oracle/Middleware	Browse
E <u>x</u> it <u>H</u> elp		Previous Next

- 7. Select the Oracle JRF-11.1.1.0 checkbox to add ADF run-time libraries.
- 8. Click Next. The Select Optional Configuration screen opens.



- **9.** Select the Managed Servers Clusters and Machines checkbox to create managed servers, if a managed server needs to be created.
- 10. Select the Deployments and Services checkbox to add ADF run-time.

11. Click **Next**. The Configure Managed Servers screen opens.

Fusion Middlew	are Configuration Wizard			
Configure Manag	ed Servers			ORACLE
📮 <u>A</u> dd 🗙 <u>D</u> elete	e 💍 Dis <u>c</u> ard Changes			Switch Display
Name*	Listen address*	Listen port	SSL listen port	SSL enabled
→ 1 new_Manage	dServer_1 All Local Addresses		7009	N/A
E <u>x</u> it <u>H</u> elp				Previous Next

- **12.** Click **Add** to add a managed server and edit the name and ports of the managed server.
- **13.** Click **Next**. The Configure Clusters screen opens.

	Fusion Middlewar	e Configuration Wizard			
C	onfigure Clusters				ORACLE
	🚰 Add 🗱 Delete 🕻	Disgard Changes			Switch Display
[Name*	Cluster messaging mode	Multicast address	Multicast port	Cluster address
l					
[E <u>x</u> it <u>H</u> elp				Previous Next

- **14.** Click **Add** and configure the clusters if needed.
- **15.** Click **Next**. The Configure Machines screen opens.

Fusion Middleware	e Configuration Wizard	
Configure Machines	:	ORACLE
Machine Unix	Machine	
Name*	Node manager listen address	Node manager listen port
E <u>x</u> it <u>H</u> elp		Previous Next

16. Click **Add** and configure the machines.

Fusion Middleware Configure	ation Wizard	— ×
Target Deployments to Clust	ers or Servers	ORACLE
Select clusters or servers in the left p	ane. Then check applications in the right pane to target them to	the selected clusters or servers.
Target	new_ManagedServer_1	
Cal Server	Deployments	Target
- 🔊 AdminServer	E D Application	<u> </u>
->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	FMW Welcome Page Application#11.1.0.0.0	AdminServer
	DMS Application#11.1.1.1.0	AdminServer
	wsil-wts	AdminServer
	- 🗹 🛄 Library	
	🗹 oracle.jrf.system.filter	AdminServer, new_Manag
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, new_Manag
	✓ oracle.jsp.next#11.1.1@11.1.1	AdminServer, new_Manag
	✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer, new_Manag
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, new_Manag
	✓ adf.oracle.domain#1.0@11.1.1.2.0	AdminServer,new_Manag
	✓ oracle.adf.dconfigbeans#1.0@11.1.1.2.0	AdminServer, new_Manag
	✓ oracle.adf.management#1.0@11.1.1.2.0	AdminServer, new_Manag
	✓ adf.oracle.domain.webapp#1.0@11.1.1.2.0	AdminServer, new_Manag
	✓ isf#1.2@1.2.9.0	AdminServer,new_Manag 💌
	Select <u>A</u> II Unselect All Dis <u>c</u> ard Changes	
ι E <u>x</u> it <u>H</u> elp		Previous Next

17. Click **Next**. The Target Deployments to Clusters or Servers screen opens.

- **18.** Select the clusters or servers in the left pane.
- **19.** Select the services in the right pane to target them to the selected clusters or servers.
- Fusion Middleware Configuration Wizard **Configuration Summary** ORACLE Click on an item in the Domain Summary pane on the left to inspect its Domain Summary Summary View: Deployment attributes in the Details pane below. You can make limited adjustments by clicking Previous to return to a prior panel. If everything is satisfactory, click Create. 🛅 adf_domain5 (/u01/rrtswls/Oracle/Middleware 🗠 🖻 🛄 Server Details 😑 🛅 AdminServer Attribute Value 😑 🛅 Service Name Basic WebLogic Server Domain 😑 🛅 Shutdown Class Description Create a basic WebLogic Server domain without installing sample JOC-Shutdown DMSShutdown Author Oracle Corporation Location /u01/rrtswls/Oracle/Middleware/wlserver_10.3/common/temp 🖃 🛅 Startup Class Name Oracle JRF] JRF Startup Class Description Required for Fusion Middleware Components and applications bu JPS Startup Class Author Oracle Corporation Location /u01/rrtswls/Oracle/Middleware/oracle_common/common/tem 🗋 Audit Loader Startup Class AWT Application Context Star JMX Framework Startup Class JOC-Startup DMS-Startup - 🗀 WLDF System Resource Ŧ Module-FMWDFW Þ Help Previous Create Exit
- 20. Click Next. The Configuration Summary screen opens.

Fusion Middleware Configura	ation Wizard
Extending Domain	ORACLE
	Progress: 100%
ORACLE	Preparing Extracting Domain Extension Contents Saving the Domain Information Updating Domain Information String Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Extension Applied Successfully! Domain Location: /u01/rrtswls/Oracle/Middleware/user_projects/domains/adf_domain7 Admin Server URL: http://mspdv170:7001
Exit Help	Previous Done

21. Click **Create**. The Extending Domain screen opens.

22. Click **Done**. The domain is extended to add ADF run-time libraries.

Deploying the EAR File

This section describes the steps to create a new data source and deploy the EAR file.

Create a New Data Source

To create a new data source, perform the following steps:

1. Log in to the WebLogic console as a user with permissions to create services and to deploy an EAR file.

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ORACLE WebLogic Server®	Administration Console		<u> </u>	
Change Center	A Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: adf_domainS	
View changes and restarts	Home -Summary of Deployments -Summary of JDBC Data Source			
No pending changes exist. Citck the Release	Summary of JDBC Data Sources			
Configuration button to allow others to edit the domain.				
Lock & Edit	A JDBC data source is an object bound to the JNDI tree that pro borrow a database connection from a data source.	vides database connectivity through a pool of JDBC connections. Application	s can look up a data source on the JNDI tree and then	
Release Configuration	This may summarize the IDBC data source chiefs that have	heat cannot in this down in		
	The page seminances are sold on a source operation have	control of the context.		
Domain Structure	Customize this table			
B-Environment	Data General West Man Gebrard Frida			
i-Dertweets	Cata Sources (Patered - More Columns Exist)			
e-Messaging -	New Delete		Showing 0 to 0 of 0 Previous Next	
	□ Name ↔	JNDI Name	Targets	
Man Collins		There are no items to display		
Data Source Factories	New Delete		Showing 0 to 0 of 0 Previous Next	
Foreign JNDI Providers				
- Coherence Clusters				
How do L. 🖂				
Create JDBC data sources				
Delete JDBC data sources				
System Status				
Health of Running Servers				
Falled (Q)				
Critical (0)				
Overlanded (0)				
Warning (0)				
OK (1)				
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- 2. In the left pane, under Domain Structure, click Services --> JDBC --> DataSources.
- **3.** In the right pane, under Customize this table, click **New**.

D. Create a New IDEC Data Second	add damaini - 100 C Canaala - Marilla Bicalay		
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View changes and restarts	Home - summary or tapacyterine - summary or 2000 table sources		
No pending changes exist. Citck the Release	Create a New JDBC Data Source		
Conguration button to allow others to edit the domain.	Back Next Finish Cancel		
Lock & Edit	JDBC Data Source Properties		
Release Configuration	The following properties will be used to identify your new JDBC data source.		
Domain Structure	* Indicates required fields		
adt_domain\$			
B-Environment	What would you like to name your new JDBC data source?		
p-Deployments	C Name		
Messaging			
B-3080	What JNDI name would you like to assign to your new JDBC Data Source?		
Data Sources			
- Multi Data Sources	C JANCI Name		
Persident Stores	JdBc/taba*rtwDg		
Foreign JNDI Providers			
Coherence Clusters			
How do L.			
Create JDBC data sources			
 Create LLR-enabled JDBC data sources 	What database type would you like to select?		
System Status 🖂	Database Type: Oracle		
Health of Running Servers	Back Net Finish Cancel		
Faled (0)			
Critical (0)			
Overlanded (0)			
Warning (0)			
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- **4.** In the Name field, enter the new JDBC datasource name.
- **5.** In the JNDI field, enter the JNDI name.

The JNDI name format is jdbc/riha-<app>DS, where <app> is the name of the retail application.

For example (for the Oracle Retail Mercandising System), jdbc/riha-rmsDS.

- **6.** In the Database Type field, select the database type.
- 7. Click Next.

Create a New JDBC Data Source	adf domainS - WLS Console - Mozilla Firefox
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No pending changes exist. Citck the Release Configuration button to allow others to edit the changing	Create a New JOBC Data Source Back Next Transa
Lock & Edit	JDBC Data Source Properties
Release Configuration	The following properties will be used to identify your new JDBC data source.
Domain Structure	Printer Terry Costs
ad_domain5 Environment Deployments Convices	Distances Type: Once What database driver workly you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WetLogic Server.
Massaging Massaging JODPC JODIn Sources Mass Data Sources Mass Data Sources More Source Factories President Stores Process, NOC Providers Coherence Clusters T	Database Driver (Thin XA) for instance connections: Versions 9.0.1.9.2.0.1.0.1 • Rack Nett From Cancel
How do L. 😑	
Create JDBC data sources Create LLR-enabled JDBC data sources	
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Done	A 12 Now: 78 16 No 17

- **8.** In the Database Driver field, select the database driver, based on the database type selected in Step 6.
- 9. Click Next.

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Create a New JDBC Data Source -	adf_domain5 - WL5 Console - Mozilla Firefox	_ 8
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View changes and restarts	Home -Summary of Deployments -Summary of JOBC Data Sources	
No pending changes exist. Citck the Release	Create a New JDBC Data Source	
Configuration button to allow others to edit the domain.	Back Nett Finish Cancel	
Lock & Edit	Transaction Options	
Release Configuration	You have selected as XA JDBC driver to use to create database connection in your new data source. The data source will support obbal transaction	ons and use the Two-Phase Commit slobal
	transaction protocol. No other transaction configuration options are available.	
Domain Structure	Back Net Durin Cancel	
ad_domain5	THEY ARE CAREED	
e-Environment		
P-Services =		
Messaging		
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Data Sources		
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10. Click **Next**. This screen contains the connection properties for the rib-<app> hospital schema that was created during installation of the RIB. This screen must be completed for each rib-<app> that is deployed, so values will vary.

V Create a New JDBC Data Source -	adf domain5 - WLS Console - Mozilla Firefox		a x
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Change Center	🏠 Home Log Out Preferences 🔛 Record Help	Q Welcome, weblogic Connected to: add	domainS
View changes and restarts	Home +Summary of Deployments +Summary of JDBC Date	a Sources	
No pending changes exist. Cit is the Release	Create a New JDBC Data Source		
Configuration button to allow others to edit the	Back Next Finish Cancel		
domain.			
LOCK & DOIL	Connection Properties		
Release Configuration	Define Connection Properties.		
Domain Structure	What is the name of the database you would like to conne	ect to?	
ad_domain5	Database Name:	rrts170dv64	
Depkyments			
S-Services =	What is the name or IP address of the database server?		
0-J08C	Host Name:	nspdv170	
Data Sources			
Data Source Factories	what is the port on the database server used to connect	to the distillation of r	
Persistent Stores Foreign JNDI Providers	Port:	1522	
- Coherence Clusters	What database account user name do you want to use to	o create dublinge connections?	
How do L			
Create JDBC data sources	Dafabase User Name:	rrts_sim_hosp	
 Create LLR-enabled JDBC data sources 	What is the database account password to use to create	database connections?	
System Status	Password:	••••	
Health of Running Servers			
Enteriolo	Confirm Password:	••••	
Critical (0)	Back Next Finish Cancel		
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11. Enter the database credentials. Click **Next**.

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Change Center	Home Log Out Preferences Pecor	d Help Welcome, weblogk	2 Connected to: adf_domai
View changes and restarts	Home +Summary of Deployments +Summary of	f JOBC Data Sources	
No pending changes exist. Cit:k the Release	Messages		
Configuration button to allow others to edit the	 Connection test succeeded. 		
domain.	Create a New JDBC Data Source		
Lock & Edit	The second se	line a lline cal	
Release Configuration	Test Configuration Back Next	Enrish Cancel	
Samala Gimeiran	Test Database Connection		
d domain5	Test the database availability and the conne	ction properties you provided.	
Environment			
Deployments	What is the full package name of JDBC drive	class used to create database connections in the connection pool?	
8-Services	(Note that this driver class must be in the cla	sopally of any server to which it is dealeyed.)	
8-JOBC			
Data Sources	Driver Class Name:	oracle Jdbc xa.client.Oracle3	
Multi Data Sources		·	
Data Source Pactories	What is the URL of the database to connect t	o? The format of the URL varies by JDBC driver.	
Foreign JNDI Providers			
- Coherence Clusters	UNC:	dbc.oracle.thin:@mspdv17	
How do L. 🛛	What defabase account user name do you w	ant to use to create database connections?	
Create JDBC data sources	Patabase lines lines	offs size hours	
Create LLR-enabled JDBC data sources	Considered over Hanne.	ms_sm_nosp	
	What is the database account password to u	se to create dotabase connections?	
System Status 🖂			
tealth of Running Servers			
Faled (0)			
Critical (D)	Password:		
Overlanded (0)	Coafire Passwort		
Warning (0)	Contra Passion.		
OK (1)	What are the properties to pass to the JOBC	driver when creating database connections?	
	Becontine.		
	warwerte_sim_hosp		
3 Find: xml-tr	😽 Next 🔮 Previous 🖂 Highlight all	Match case	
	,	A No. No. 1	

12. Click **Test Configuration**. If the data source configuration is successful, click **Next**.

🔮 Create a New JDBC Data Source -	adf_domain5 - WLS Console - Mozilla Firefox 📃 👩
Ele Edit View Higtory Bookmarks	Toots Help
🤙 • 🧼 • 🧭 🛞 🏠 🗋 http	o://mspdv170:7001/console/console portal?CreateGlobaljDBCDataSourcePortlet_actionOverride=/com/bea/ 💌 🕨 🔀 ext. exact-match: faise].
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ORACLE WebLogic Server®	Administration Console
Change Center	🏠 Home Log Out Preferences 🕢 Record Help 📃 🔍 Welkome, weblogik Connected to: add_dom
View changes and restarts	Home -Summary of Deployments -Summary of 2000 Data Sources
No pending changes exist. Cit is the Release	Create a New JDDC Data Source
Configuration button to allow others to edit the domain.	Back Nett Finish Cancel
Lock & Edit	Select Targets
Release Configuration	You can select one or more targets to deploy your new JOBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a
Domain Structure	bler time.
ad_domain5	Servers
Environment Deckyments	AdminServer
S-Services =	
B-Messaging B-JDBC	rew_ManagedServer_1
Data Sources	Back Nett Pinish Cancel
Data Source Factories	
Persistent Stores Foreign JNDI Providers	
- Coherence Clusters	
How do L. 😑	
Create JDBC data sources	
Create LLR-enabled JDBC data sources	
System Status 🖂	
Health of Running Servers	
Failed (0)	
Critical (0)	
Overloaded (0)	
OK (1)	
Weblack Econol Version 10 3 3 0	
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🚨 Find: xml-tr	🖗 Next 🔮 Previous 🗌 Highlight ali 🗌 Match case
Done	🌲 😼 Now: 78 * 50 av. 80 * 5

13. Select the Targets for the data source and click **Finish**.



14. Click Activate Changes on the left pane.

Deploy EAR

1. Log in to WebLogic console as a user with permissions to create services and to deploy an ear file.

😜 Summary of Deployments - adf_do	main5 - WLS Console - Mozilla Firefox					σx
Bie Edit View Higtory Bookmarks Toots Help					0	
🖕 • 🧼 • 🎯 💮 🏠 🗈 http://mspdv170:7001/console/console portal?_nfpb=true6_pageLabel=http://mspdv170:7001/console/consol 💌 🕨 🔯-[ext.exact-match: false]. 🔍						
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ORACLE WebLogic Server® A	dministration Console				ç	5 -
Change Center	A Home Log Out Preferences 🖂 Record Help			Welcome, w	eblogic Connected to: adf_doe	nainS
View changes and restarts	Home +Summary of Deployments +Summary of JOBC Data Sources +Summary of Deployments					
No pending changes exist. Citck the Release	Summary of Deployments					11
Configuration button to allow others to edit the	Control Monitoring					
Lock & Edit Release Configuration	This page displays a list of Java EE applications and stand-alone application modules that have to (redisplayed), or deleted from the domain by first selecting the application name and using the cost "A model is used in the domain by first selecting the application name and using the cost	een installed to thi trots on this page	is diomain. Insi	ailed applications and modules ca	n be siturted, stopped, updated	
Domain Structure	To install a new application or module for deployment to targets in this domain, citick the install deal	UH.				
B-Environment	Contomize this table					
Deployments	Perstamanta					
Aressiging	Cepercyments					
B-JOBC	Install Update Delete Start v Stop v			Showing	1 to 10 of 18 Previous Next	
Multi Data Sources	□ Name ↔	State	Health	Туре	Deployment Order	
Data Source Factories	C adf.oracie.domain(1.0,11.1.1.2.0)	Active		Library	100	
Foreign JNDI Providers	T sationacie.domain.webapp(1.0,11.1.1.2.0)	Active		Library	100	
- Coherence Clusters	T B OMS Appleation (11.1.1.10)	Active	🗸 ок	Web Application	5	
Now do L.	E T FITW Welcome Page Application (11.1.0.0.0)	Active	• ок	Enterprise Application	5	
Install an Enterprise application Configure an Enterprise application	F (pt(1.2,1.2.9.0)	Active		Library	100	
 Update (redepicy) an Enterprise application 	F (121.20.1)	Active		Library	100	
 Start and stop a deployed Enterprise application 	- charact/5.50	Active		Library	100	
 Monitor the modules of an Enterprise perification 	C consult 550	Active		Library	100	
Depky EJB modules		1.000		(Anna)	100	
 Install a Web-application 		ACIVO		Library	100	
System Status	Conscience and management (10,11,11,20)	Active		Library	100	
Health of Running Servers	Install Update Delete Start v Stop v			Showing	g 1 to 10 of 18 Previous Next	
Failed (0)						
Critical (0)						
C Date works	Rever A Burley, Directory of Chiefs and					
http://mspdv170:7001/console/console.	portar/_nepo=trues_pageLabel=AppDeploymentsControlPage			🤼 🐝 No	w: 78 *F 👝 Today: 80 *F	2 🥶 📋

- 2. In the left pane, click Lock & Edit.
- **3.** In the Domain Structure section, select Deployments.
- 4. In the right pane, in the Deployments section, click Install.

😻 Install Application Assistant - adf	domain5 - WLS Console - Mozilla Firefox	🗖 🖬 🗶		
Ele Edit View History Bookmarks Tools Help				
 • • • • • • • • • • • • • • • • • • •	./imspdv170.7001/console/console.portai?_nfpb=true&_pageLabel=AppApplicationInstalPage	💽• ext. exact-match: false]. 🔍		
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ORACLE WebLogic Server®	Administration Console	• •		
Change Center	A Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: adf_domainS		
View changes and restarts	Home +Summary of Deployments +Summary of JDBC Data Sources +Summary of Deploymenta			
No pending changes exist. Gick the Release Configuration botton to allow others to edit the domain.	Isstall Application Assistant Back Next Enroth Cancel Locate deployment to install and prepare for deployment			
Release Configuration	Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you w application directory or file in the Path field.	ant to install. You can also enter the path of the		
Domain Structure	Note And and the other and defend helps. You are not first our designment for			
ad_domain5	Note: Only valid he paths are displayed below. If you cannot find your deployment her upload your heigs) and or contrim that your application cont	ains the required deployment descriptors.		
Depkyments	Path: /u01/ntswis/Oracle/Middleware/user_projects/domains/adf_domain5			
©-Services =	Recently Used Paths: (none)			
B-Messaging	Current Location; mspdv170 / u01 / rrtswts / Oracle / Middeware / user_projects / domains / adf_domain5			
B-J08C				
- Math Data Sources		-		
Data Source Factories				
Persistent Stores	Servers .	· · · · · · · · · · · · · · · · · · ·		
Foreign JNOI Providers	Back Next Finish Cancel			
- Coherence Clusters				
How do L				
 Start and stop a deployed Enterprise application 				
 Configure an Enterprise application 				
Create a deployment plan				
Target an Enterprise application to a server Tart the modules is an Enterprise application				
test de moules in an chierprise appication				
Health of Running Servers				
Fabrica				
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Contracted (0)				
University (0)				
warning (0)				
CIK(1)		•		
G Find: xmi-tr Gevenue Highlight all Match case				
http://mspdv170:7001/console/console	e.portal?_nfpb=true&_pageLabel=AppApplicationInstallPage#	🌲 🐝 Now: 78 *F 📥 Today: 80 *F 🥮		

5. In the Path field, enter the path of the riha-<app> ear file location. Or you can use the **Upload your files** link to upload RIHA ear files. Click **Next**. The File Upload screen opens.

🕹 File Upload		
📝 📢 🙀 gaparth work	space 13.2 integration-lib	internal-build rib
<u>P</u> laces	Name	 Modified
🙀 gaparth	🗌 rib-public-api-conf.jar	07/06/2010
😻 Desktop	🗍 rib-public-deprecated-api.jar	07/06/2010
🔿 File System	🗍 rib-unittest.jar	07/06/2010
芦 workspace	🇐 riha.ear	07/06/2010
芦 autodeploy	🎯 riha-aip.ear	Friday
	🗍 riha-client-conf.jar	07/06/2010
	🗍 riha-conf.jar	07/06/2010
	🎯 riha-rfm.ear	Friday
	🎯 riha-rms.ear	Friday
🖶 Add 🛛 📼 <u>R</u> emove		All Files 🖨
		X Cancel Ø Open

6. Select the EAR file and click **Open**.



7. Click Next.



8. Select the EAR file and click Next.

😻 Install Application Assistant - adf	_domainS - WLS Console - Mozilla Firefox	
Ble Edit View Higtory Bookmarks	Dots Help	0
 	//mspdv170:7001/console/console portal?AppApplicationInstaliPortlet_actionOverride=/com/bea/console/z 💌 🕨 🖾 ext. exact-match: false].	Q,
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ORACLE WebLogic Server®	Administration Console	<u> </u>
Change Center	🏠 Home Log Out Preferences 🔛 Record Help	domainS
View changes and restarts	Home +Summary of Deployments >Summary of JOSC Data Sources +Summary of Deployments	
No pending changes exist. Click the Release	Install Application Assistant	
Configuration button to allow others to edit the	Back Next Finish Cancel	
Lock & Edit		
Belease Configuration	Choose targeting style	
Nertable Contrigunation	Targets are the servers, clusters, and virtual hosts on which this deployment will run. There are serveral ways you can target an application.	
Domain Structure	Install this deployment as an application	
ad_donain5	The application and its components will be targeted to the same locations. This is the most common usage.	
Depkyments		
S-Services	 Install this deployment as a library 	
B~JDBC	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.	
Data Sources		
Multi Data Sources	Back Next Finish Cancel	-
Data Source Factories		
Persistent Stores		
Foreign JNDI Providers		
· Coherence Clusters		
How do L.		
 Start and stop a deployed Enterprise application 		
 Configure on Enterprise application 		
 Create a deployment plan 		
 Target as Enterprise application to a server 		
 Test the modules in an Enterprise application 		
System Status 8		
Health of Running Servers		
Faled (0)		
Critical (0)		- H
Overloaded (0)		
Warning (0)		
OK (1)		
G Find: xml-tr	Sext 🍲 Previous 🕒 Highlight all 🗌 Match case	
Done	🌲 🐲 Now: 78 *F 📥 Today: 8	0 *F 🙁

9. Select Install this deployment as an application and click Next.

😻 Install Application Assistant - adf_domainS - WLS Console - Mozilla Firefox		_ = ×
Ele Edit View History Bookmarks Tools Help		0
< • 🔅 · 🎯 😳 🏠 🗋 http://mspdv170:7001/console/console.portal?AppApplicationInstaliPortiet_actionOverride=/com/bea/console/z 💌 🕨	C • ext. exact-match: faise].	ä,
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ORACLE WebLogic Server® Administration Console		<u> </u>
Change Center 🙆 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to:	adf_domainS
View changes and restarts Home -Summary of Deployments -Summary of JOBC Data Sources -Summary of Deployments		
No pending changes exist. Cick the Release Install Application Assistant		
Configuration bottom to ablow others to edit the Back Next Finish Cancel		
Lock & Edit Select depkyment largets		
Release Configuration Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).		
Domain Structure Available targets for riba rfm ;		
ad_domain5		
\$-Environment		
- Depkyments Servers		
Services Administration		
Messaga		
The second secon		-
- Data Contract Contract		
Persistent Score Back Next Finish Cancel		
Foreign JNDI Providers		
- Coherence Clusters		
How do L.		
Start and stop a depkyed Enterprise		
agekaton Contoue an Enterprise accelation		
Create a deployment plan		
Target as Enterprise application to a server		
Test the modules is an Enterprise application		
System Status 🛞		
Health of Running Servers		
Failed (0)		
Critical (0)		-
Overbaded (0)		
Warning (0)		
OK (1)		
G Find: xml-tr @Previous Highlight all Match case		
Done	🌲 🐝 Now: 78 *F 六 Toda	y: 80 *F 🙁

10. Select the deployment targets from the Available targets.

Install Application Assistant - ad	_domain5 - WLS Console - Mozilla Firefex	
Ele Edit View History Bookmarks	s Ipols Help	<
🧼 • 🧼 • 🎯 🛞 🏠 🛅 htt	p://mspdv170.7001/console/console portal7AppApplicationInstaliPortiet_actionOverride=/com/bea/console/z 🔹 🍉 🔀 ext. exact-match: false).	Q
MyOracle	SAdfPage 📋 XPlanner Story: Upd 😴 Oracle jDeveloper 1 ჭ Home 📋 (Untitled) 🗋 rib: RibRelease 📄 Table of Contents	,
No pending changes exist. Citck the Release Configuration button to allow others to edit the domain.	Instal Application Assistant Back Next	
Lock & Edit Release Configuration	Optional Settings You can modily these settings or accept the defaults	
Domain Structure	General	
ad_domain5	What do you want to name this deployment?	
Depkyments Services	Name: riha-tîm	
Messaging JDBC Data Sources	Security	
Multi Data Sources	C DD Only: Use only roles and policies that are defined in the deployment descriptors.	
Poreign JNDI Providers Coherence Clusters	C Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.	
ow do L. S	Custom Roles and Policies: Use only roles and policies that are defined in the Administration Coesole.	
Start and stop a deployed Enterprise	Advanced: Use a custom model that you have configured on the malm's configuration page.	
Configure an Enterprise application	- Source accessibility	
Create a deployment plan	How should the source files be made accessible?	
Test the modules in an Enterprise application	(" Use the defaults defined by the depkyment's largets	
ystem Status 🖂	Recommended selection.	
leath of Running Servers	(° Copy this application onto every target for me	
Failed (0)	During deployment, the files will be copied automatically to the managed servers to which the application is targeted.	
Overloaded (0)	$^{\rm C}$ 1 will make the deployment accessible from the following location	
OK (1)	Location: d/somains/adf_domain5/servers/AdminServer/upload/tiha-rfm-ear	
	² Provide the location from where all targets will access this application's files. This is often a shared directory. You must ensure the application files exist in this location and that each target can be location.	a reach
and former	Back Neet Book Cancel	
Find: xml-tr] ∉ Next 🔮 Previous 📋 Highlight ⊉i 🗌 Match case	
Jone	🔒 🐉 Now: 78 °F 六 Today:	: 80 *F 😔

11. In the Security section, select Custom Roles and Policies.

12. In the Source Accessibility section, select I will make the deployment accessible from the following locations. Click Next.

😻 Install Application Assistant - adf	domain5 - WLS Console - Mozilla Firefox				
Bie Edit View Higtory Bookmarks Tools Help					
🔄 • 🔅 · 🧭 · 🕼 🗅 http://mspdv170.7001/console/console portal?AppApplication/nstaliPortiet_actionOverride=/console/z 🔹 🕨 🔯 - ext. exact-match: false]. 🔍					
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ORACLE WebLogic Server*	Administration Console				
Change Center	Home Log Out Preferences 🖂 Record Help	Welcome, weblogic Connected to: adf_domainS			
View changes and restarts	Home +Summary of Deployments +Summary of JDBC Data Sources +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				
Lock & Edit	Review your choices and click Finish				
Release Configuration	Click Finish to complete the deployment. This may take a few moments to c	ompleten.			
Domain Structure	- Additional configuration				
adf_domain5	In order to work successfully, this application may require additional configur	ation. Do you want to review this application's configuration after completing this assistant?			
Environment Depkyments	Yes, take me to the deployment's configuration screen.				
S-Services =					
Messaging	C No, I will review the configuration later.				
⊕-J08C					
Data Sources	- Summary				
Multi Data Sources	Deployment (add which One is Mittley pointer, which it is an included	damain Emeryami Artinin Carver Ladon d'Altan din ana			
Data Source Factories	Depoyment: Torritewe-crace-modeware-see_projecte-donane-so	Contains servers warmingerver option movim war			
Persistent Stores	Name: the da				
Foreign JNCI Providers					
Coherence Clusters	Stanlag mode: I will make the derivative to considerat				
How do L.	/u01 intswis/Oracle Middleware/user_projects/domains.isd	domainStreevers/AdminServer/upikadTriha-rfm.ear			
Start and stop a deployed Enterprise application Configure an Enterprise application	Security CustomRoles.AndPolicies: Ignore all roles and policies in de Model:	pkyment descriptors. Create custom roles and policies later.			
 Create a deployment plus 	Target Summary				
Target on Enterprise application to a server Target on Enterprise application to a server	Composents 🕾	Targets			
 Test the mostles in an Enterprise application 	riha-rim.ear	new_ManagedServer_1			
System Status 🛞	Back Ned Finish Cancel				
Health of Humming Gervers					
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Warning (0)					
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Done		🌲 🐝 Now: 78 *F 📩 Today: 80 *F 💛			

13. Click Finish.



14. Click Activate Changes.

Security Setup Guidelines

This section describes the guidelines for setting up the security setup.

Add Users to the Server

This section lists the steps to add users to the server.

To add users to the server, perform the following steps.

Summary of Security Realms - ad	f_domainS - WLS Console - Mozilla Firefox		_ 3 ×
Ble Edit View Higtory Bookmarks	Tools Help		0
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ORACLE WebLogic Server®	Administration Console		•
Change Center	🏠 Home Log Out Preferences 🔛 Record Help	Q	Welcome, weblogic Connected to: adf_domain5
View changes and restarts	Home >Summary of Deployments >rha-tim >Summary of Deployments >rha-tim >S Sources >rha-timDS >Summary of Security Realms	ummity of Depityments »Summity of JOBC Data Sources »itha-dial	05 - Summary of JDBC Data
No pending changes exist. Citck the Release Configuration button to allow others to edit the	Summary of Security Realms		
domain.			
Lock & Edit	A security realm is a container for the mechanismsincluding users, groups, s multiple security realms in a VietoLopic Server domain, but only one can be set	ecurity roles, security policies, and security providers-that are up as the default (active) realm.	sed to protect WebLogic resources. You can have
Release Configuration	This Security Realms page lists each security realm that has been configured	in this WebLook. Server domain. Cikk the name of the realm to ex-	sizes and configure that realm.
Domain Structure	the occurd them by the east second term and the occurrence		
ad_domin5	© Customize this table		
Depkyments	Realms (Filtered - Now Columns Exist)		
Security Realms	New Delete		Showing 1 to 1 of 1 Previous Next
meroperadity Protectors	I Name A	Default Realm	
	myreain	true	
	New. Delete		Showing 1 to 1 of 1 Previous Next
How do L.			
 Configure new security realms 			
 Delete security realms 			
Change the default security realm			
System Status 🖂			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overbaded (0)			
Warning (u)			
Sec(1)			
WebLogic Server Venice: 10.3.3.0 Copylight @1996,2010, Oracle and/or its affiliates. A	All rights reserved.		
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http://mspdv170:7001/console/console	e.portal?_nfpb=true&_pageLabel=SecurityRealmRealmTablePage		🌲 🐝 Now: 78 *F 六 Today: 80 *F 🌞

1. In the Domain Structure section, select Security Realms and select the realm on the right pane.

Settings for myrealm - adf domai	n5 - WLS Console - Mozilla Firefox				
Ble Edit View History Bookmarks	Tools Help		0		
📥 . 🗠 . 🕰 💿 🎹 [1 unit	Simple 270.7002/console/console porcar	_npo=odes_pagecabei=reamosereanagementiabragesnant	Nº excernacer: raise).		
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Change Center	A Home Log Out Preferences 🖂 Record Hel		Welcome, weblogic Connected to: adf_domainS		
View changes and restarts	Nome -Summary of Deployments - this-tim -Summary Realistic - strength - User's and Groups	of Deployments - Summary of JDBC Data Sources - inhandmDS - Summary of JDBC Data Sources -	itha-dmDS >Summary of Security		
No pending changes exist. Cit:k the Release	forming of the second sec				
Configuration button to allow others to edit the	Settings for myream				
domain.	Configuration Users and Groups Picks and	Policies Credential Mappings Providers Migration			
Lock & Edit	Users Groups				
Release Configuration					
Provide Distance and	This page displays information about each user th	at has been configured in this security realm.			
Domain Structure					
ad_domain5	D. Contraction of the state				
Despyments	P Customer this table				
(R)-Services	Users				
Security Realms	In June 1				
Interoperability	New Delete		Showing 1 to 2 of 2 Previous Next		
Obgrostics	T Name 🗠	Description	Provider		
	Concleffusionilitier	Oracle application software system user.	Debuthathesticator		
	1 Westage	THE MAY E WE VERIL CONTROLOGY	Cessballencato		
	New Delete		Showing 1 to 2 of 2 Previous Next		
How do L. 🛛					
 Manage users and groups 					
 Create users 					
 Modly users 					
Dekite users					
System Status 🙁					
Health of Running Servers					
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Warning (0)					
OK (1)					
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Done			🌲 🧩 Now: 78 *F六 Today: 80 *F 🥶		
			and a second		

2. In the Settings for myrealm section, click the Users and Groups tab. Click New.

🔮 Create a New User - adf_domain5	- WLS Console - Mozilla Firefex	Lax
Ele Edit View History Bookmarks	Tools Help	0
 • •	://mspdv170:7001/console/console portal?SecurityUsersCreateUserPortletreturnTo=RealmUserManagemer 🔹 🕨 🔯 ext. exact-match: faise].	G,
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ORACLE WebLogic Server®	Administration Console	<u> </u>
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- **3.** In the Name field, enter a user name.
- **4.** In the Description field, enter a description.
- **5.** In the Provider field, select **DefaultAuthenticator.** (For information, see WebLogic Server documentation.)

- **6.** In the Password field, enter a password.
- 7. In the Confirm Password field, enter the password again.
- 8. Click OK.

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Change Center	🏠 Home Log Out Preferences 😥 Record Help
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No pending changes exist. Citck the Release	Settings for riha rfm
Configuration button to allow others to edit the	Overview Depkyment Plan Configuration Security Targets Control Testing Monitoring Notes
Lock & Edit	Roles Policies
Release Configuration Domain Strectere adt_domain	This page summarizes the security roles that can be used in the poky for this enterprise application. These roles cannot be used in pokies for individual modules or other resources within this application. Note: If you are using the DD_Chily security model for this deployment, then you cannot use the Administration Console to modify its security roles. Castomize this table
Orignostics	Enterprise Application Scoped Roles
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	There are no items to display
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 Create scoped security roles 	
Delete security roles Use roles and policies to secure resources	
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Create and Configure Role for the Deployed tool

This section describes the steps to create and configure a role for the deployed tool.

1. In the post EAR deployment screen (the screen that was displayed after Step 13 of the "Deploy EAR" procedure above), click the Security tab.

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Pending changes exist. They must be activated	Settings for riha-rfm			
to take effect.	Overview Deployment P	tan Configuration Security Targets Control Testing Monitoring Notes	n II	
Activate Changes Undo All Changes	Save			
Domain Structure	Use this page to view the	general configuration of an Enterprise application, such as its name, the physical path to th	e application files, the associated deployment plan, and so on. The table at the	
ad_domain5	end of the page lists the m	odules (such as Web applications and EJBs) that are contained in the Enterprise application	on. Click on the name of the module to view and update its configuration.	
Environment				
P-Services =	Name:	103-116	The name of this Enterprise Appication. More Into	
Messaging	Path	/ u01/ mtswis/ Oracle/ Middleware/ user_projects/ domains/ adf_domain5/ servers/	The path to the source of the deployable unit on the Administration	
8-3080		AdminServer/ upkadi riha-rfm. ear	Server. More Info	
	Deckson of Physics	ion also a new West	The well to the dash-most she downward as it do in the forward in the	
Data Source Factories	Deployment Plan:	(no pain specified)	Info	
Persistent Stores				
Coherence Clusters	Staging Mode:	nostage	The mode that specifies whether a deployment's files are copied from a	
			cource on the Administration Server to the Managed Server's staging area during anglication superpartice. More lab.	
How do L. 🛛				
 Start and stop a deployed Enterprise application 	Security Model:	CustomPolesAndPolicies	The security model that is used to secure a deployed module. More Info	
 Configure an Enterprise application 	🛃 Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to other	
Create a deployment plan Tarout as Estaurate a contration to a second			deployable units on a server, during startup. More Info	
Test the modules is an Enterprise application	Contract		A string union that indicates what arise indictored to used when desiroling	
	Principal Name:		the file or archive during startup and shutdown. This principal will be used to	
System Status 🖂			set the current subject when calling out into application code for interfaces	
Health of Running Servers			such as ApplicationLifecycleUctener. If no principal name is specified, then the anonymous principal will be used. More Info	
Faled (0)				
Critical (0)	Save			
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OK (1)	Name 🖧		Type	
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• The Roles tab is selected by default.

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2. Click New.

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Lock & Edit	Role Properties	
Release Configuration	The following properties will be used to identify your new role.	
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ad_donain5	What would you like to name your new role?	
Depkyments		
Services Longerup Replets	RinaUserPole	
Interoperability	Which role mapper would you like to use with this role?	
Obgrostics		
	Provider Name: XACMLRoleMapper	
	OK Cancel	
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- 3. In the Name field, enter the role name, **RihaUserRole**. Click **OK**.
- **4.** In the Provider Name field, select the default role mapper. For more details, see WebLogic Server documentation.
- 5. Click **OK** to return to Security --> Roles tab screen.

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Domain Structure	within this application.	
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	These conditions determine membership in the role.	
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Release Configuration	Choose the predicate you with to use as your new condition	
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6. Click the new role, **RihaUserRole**. Click **Add Conditions**.

7. From the Predicate List, select User. Click Next.

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8. In the User Agreement Name field, enter the user name created in Security Realms and click **Add**.

9. Click Finish.

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and dramatic	
B-Environment	Use this page to edit the conditions of a security role that can be used in the policy for this enterprise application. This role cannot be used in policies for individual modules or other resources
Depkyments	within this application.
8-Services	Note:
Security Realms	If you are using the DD - Cn1y security model for this deployment, then you cannot use the Administration Console to modify its security roles.
B-Dispositics	
	This is the name of the scoped role.
	Name: BibulserRole
	These conditions determine membership in the role.
	Role Conditions :
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10. Click **Save** to save the changes.

Create and Configure Policy to the Deployed Tool

This section describes the steps to create and configure policy to the deployed tool.

1. Go back to the Security tab.

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Configuration button to allow others to edit the domain	Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes	
Lock & Edit	Point Poticins	
Release Configuration	Save	
Domain Structure	Use this page to edit the security policy for this enterprise application. Clents must satisfy this policy to access any resource within this enterprise application (unless you have defined a policy for accessing) securities the the application.	
8-Environment	tor a specie: resource is the appendix).	
Deployments	Providers	
(e)-Services	These his the pull-distribution and deliver an administrative can easier from	
Security Realms	These are the astronomous providers an administrator can select from.	
S. Discostruc	Authorization Providers: XACMLAuthorizer •	
hundel	Voury Leastexiss These are the conditions which control access to your application resources. Add Conditions	
	Add Conditions Combine Uncombine Move Up Move Down Remove Negate	
Create policies for resource instances	Save	
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2. Click Policies. In the Policy Conditions panel, click Add Conditions.

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3. In the Predicate List field, select Role. Click **Next**.

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Configuration button to allow others to edit the domain.	Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes	
Lock & Edit	Roiso Policies	
Release Configuration	Back Not Finish Cancel	
Domain Structure	Edit Alguments	
8-Environment	On this page you will fill in the arguments that pertain to the predicate you have chosen.	
Deployments	Add one or more roles to this condition. If you add multiple roles, the condition evaluates as true if the user is in ANY of the roles.	
Security Realms	Role Argument Name: Add	
Interoperability		
	RihaUserRote	
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Create policies for resource instances		
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Combine Conditions		
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- 4. In the Role Agreement Name field, enter the created role and click Add.
- 5. Click Finish.

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6. Click **Save** to save the changes.

Testing the Deployment

This section describes the steps to test the deployment.

Navigate to the post deployment screen, as illustrated in Step 13 of the "Deploy EAR" section earlier in this chapter.

1. Click the **Control** tab.

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2. Select the application. Click Start.

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ad_domain5	Yes No	
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3. Click Yes.

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• The deployed tool is started successfully.

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4. Click on the Testing tab and expand the deployed tool to access the URL of the tool.

Navigation and Help

This chapter describes the navigation steps in the Oracle Retail Integration Bus Hospital Administration or RIB Hospital Administration (RIHA) application.

Log in to RIHA

This procedure explains how to log in to the application.

the browser.

- 1. Enter the application URL http://<host>:<port>/<rib-app>/faces/hospitalAdmin.jspx in the address bar of
- Note: Using Mozilla Firefox Web browser is recommended.

 Authentication Required
 Image: Comparison of the second secon
- **2.** In the User Name field, enter the user name configured at the time of installation of the application.
- **3.** In the Password field, enter the password.
- 4. Click OK. The application home page opens.

Search Criteria atch O AI @ Any Family Id bublishTime	RIB Hospital Ad	dministration	geld Type	x X				Welcome, riha	admin		Advanced Search Reset
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Family	Message Type	TopicName	Adapter Class Def Location	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Max Attempts	CustomData	CustomFlag	
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	2			1	5		F	^
DSDReceipt	DSDReceiptCre	etDSDReceipt	rib-rms_DSDReceipt_sub	1	H	L L	1	5		F	
StkCountSch	StkCountSchCre	etStkCountSch	rib-rms_9tkCountSch_sub	2		U U	1	5		F	
SOStatus	SOStatusCre	etSOStatusAT	rib-rms_SOStatus_sub	1		H	5	5		F	
SOStatus	SOStatusCre	etSOStatusAT	rib-rms_SOStatus_sub	1		L L	5	5		F	
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1	H	H	0	5		F	
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1		L L	0	5		F	
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Hospital Record I Adapter Clas Adapter Ins	Details Messa Hospital Id 63 s Def Location rib-rm tance Number 2	age Viewer as_InvReq_sub	Type InvF Id Publish Time 201 4	leqCre 1-12-27 04:06:15		Attempt Cou Max Attemp Delete Pendia	nt 1 ts 5 1g 0	Thread V Jms Queu Custom	alue 2 e Id jms1 Flag F		

 The application name in the URL determines the hospital to which the application interacts.

For example, if the URL is

http://<host>:<port>/riha-rfm/faces/hospitalAdmin.jspx, then the application interacts with riha-rfm application hospital tables.

Search for a Hospital Record

This procedure explains how to search for a hospital record in RIHA.

Basic Search

By default, the basic search option is enabled. Basic search is done using the Equal to operator against the given search values.

Click **Reset** to clear the data from search fields.

To perform a Basic Search:

1. Log in to the application.

⊻Search Oriteria	Advanced
Match Q All Q Any Family	
	Search Reset

- **2.** In the Search Criteria section, enter or select the criteria to limit your search in one or more of the following fields:
 - Family
 - ID
 - Publish Time

- RIB Message ID
- Message Type

Note: Select **All** to match all fields in the search. Select **Any** to match any field in the search criteria.

3. Click **Search**. The hospital records that match the search criteria are populated in the search results table.

Search Results								
View 👻 Format 🗸	Load Message	Details on Selection			Import Save	to File Delete	Stop Retry	Freez
Family	Message Type	TopicName	Adapter Class Def Location	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Max Atter
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	2			1	5
DSDReceipt	DSDReceiptCre	etDSDReceipt	rib-rms_DSDReceipt_sub	1			1	5
StkCountSch	StkCountSchCre	etStkCountSch	rib-rms_StkCountSch_sub	2			1	5
SOStatus	SOStatusCre	etSOStatusAT	rib-rms_SOStatus_sub	1			5	5
SOStatus	SOStatusCre	etSOStatusAT	rib-rms_SOStatus_sub	1			5	5
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1			0	5
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1			0	5
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1			0	5
InvReq	InvReqCre	etInvReq	rib-rms_InvReq_sub	1			0	5
Receiving	ReceiptCre	etReceiving	rib-rms_Receiving_sub	1			0	5
Receiving	ReceiptCre	etReceiving	rib-rms_Receiving_sub	1			0	5
Rows Selected	1 Columns Hidder	n 8						

Advanced Search

By default, the basic search option is selected in the application. In the search panel, click **Advanced** to switch to advanced search option. Advanced search allows you to add more search fields to the search criteria. Click Add Fields to add more fields.

In the advanced search, the operators of each search field can be changed to other available options.

Click Basic to switch back to the basic search option.

Click **Reset** to clear the data from search fields.

To perform an Advanced Search:

1. Click **Advanced** in the search panel.

⊻ Search	Criteria											Basic
Match 🔘	All 🔘 Any											
Family	Equal to	۷		PublishTime	On or after	v	26					
Id	Equal to	۷		RibMessageId	Equal to	۷		-				
InQueue	Starts with	۷	X	Туре	Equal to	۷		•				
										Search	Reset	Add Fields 👻

- **2.** Click **Add Fields**. Additional fields are listed. Select the required fields to add to the search criteria.
 - Click the red cross mark icon besides the field to remove the field from the search criteria.
- **3.** Enter values in the respective fields and click **Search**. The hospital records that match the search criteria are populated in the search results table.

Delete a Message

This procedure explains how to mark a message for deletion from the RIB Hospital.

- **1.** Log in to the application.
- 2. Search for hospital records.
- **3.** Select a row that represents a hospital record.
- **4.** Click **Delete**. The message is deleted when the hospital retry adapters and/or process checks for messages to be deleted from the RIB Hospital.

Note: A message that is in queue (as indicated when the check box in the In Queue column is selected) cannot be deleted.

Stop a Message

This procedure explains how to stop a retry adapter and/or a process from attempting to retry a message.

- 1. Log in to the application.
- **2.** Search for a message.
- **3.** Select a row that represents a hospital record.
- **4.** Click **Stop**. The retry adapter and/or a process does not attempt to reprocess the message until you select the message for Retry.

Note: A message that is in queue (as indicated when the check box in the In Queue column is selected) cannot be stopped.

Retry a Message

This procedure explains how to retry a message after you have stopped the retry adapter and/or process from re-processing it.

- 1. Log in to the application.
- **2.** Search for a message.
- **3.** Select a row that represents a hospital record.
- 4. Click **Retry**.

Note: A message that is in queue (as indicated by the check box in the In Queue column is selected) or pending deletion (as indicated by the check box in the Delete Pending column is selected) cannot be retried.

View a Message

This procedure explains how to view a message.

- **1.** Log in to the application.
- **2.** Search for hospital records.

- **3.** Click the Load Message Details on Selection check box located in the search results table.
- 4. Select a row to view the payload of hospital records.
- **5.** Click the Message Viewer tab. By default, the message viewer displays the payload in partial tree view mode.
- 6. Expand the Message Viewer pane and select one of the following three views:
 - Partial Tree View
 - Full Tree View
 - Flat View

Partial Tree View

The partial tree view allows you to scroll the message one child node at a time.

Hospital Record Details Message Viewer	7
Y InvReqDesc	
request jui 10	
store 10	
request_type a	
▶ InvReqItem	
ns7£st0flavRepDesc	
▶ ns&tavOflawRepDest	
Partial Tree View 💌 Validate Apply Cancel	

Full Tree View

The full tree view displays all the message's children, each of which you can expand.

Three To Towner (Del 10) The Marrie and Warmer	
BDDate accounter researcher	
V DSDeals	
order_po 41502	
supplier 5001	
store 70211	
currency_code UD	
deals_loid Y	
thipment 32902	
inve_ind N	
qfy_rem 15000	
configure 1000	
eat_receipt_so 10	
Full Tree View + Multiday Stroke Cannol	

Flat View

The flat view displays the XML document in its flat format.



Search Within a Message

To search a text in the payload, use the browser's find function (Ctl+F) in the full tree mode or flat view mode.

Edit a Message

This procedure explains how to edit a message.

- 1. View a message (see View a Message).
- 2. Insert the cursor within any portion of the message and edit the message.
- **3.** Click **Validate**. If the message is validated, the Apply button is enabled.
- 4. Click **Apply** to save the message.
 - If you click Cancel before applying, all changes are rolled back to the previously saved data.

Validate a Message

This procedure allows you to perform the application's XML validation step for a message.

- The system validates the message against a XSD or a schema, depending on what is specified in the header section of the XML message.
- 1. View a message (see View a Message).
- **2.** If you want to make changes to a message, edit the message in the Message Viewer pane.
- 3. Click Validate.

Save a Message Locally

This procedure explains how to save a message locally.

- 1. Search for a message and select a row (see Search Within a Message).
- **2.** Click **Save To File**. The message is saved to a RibMessage.xml, a text file named by default.

Import a New Hospital Record to Hospital Tables

This procedure explains how to retrieve a message from a local location.

- 1. Click Import.
- 2. Search for a message and select a row (see Search Within a Message).
 - A popup browser opens with an option to browse for a hospital entry to be loaded.

The message must be in the following specified format.

```
<HospitalEntry>
<AdapterClassLocation>AdapterClassLocation</AdapterClassLocation>
<Family>Family</Family>
<Type>Type</Type>
<TopicName>TopicName</TopicName>
<CustomFlag>F</CustomFlag>
<CustomData> <! [CDATA[ CustomData ]]> </CustomData>
<ReasonCode>ReasonCode</ReasonCode>
<RibMessagePayloadView>
<RibMessagePayload>
<MessageData> <![CDATA[ <Message Xml> ]]> </MessageData>
</RibMessagePayload>
</RibMessagePayloadView>
<RibMessageRoutingInfoView>
<RibMessageRoutingInfo>
<SeqNumber>0</SeqNumber>
<Name>Name</Name>
<Value>Value</Value>
<Detail1Name>DetailName</Detail1Name>
<Detail1Value>DetailValue</Detail1Value>
</RibMessageRoutingInfo>
</RibMessageRoutingInfoView>
</HospitalEntry>
```

Update an Existing Hospital Record

This procedure explains how to update an existing hospital record. location.

- 1. Search for a message and select a row (see Search Within a Message).
- 2. Save the hospital entry locally (See Save a Message Locally).
- **3.** Edit the hospital entry file.
 - Do not edit or remove any of the <MessageNum> attributes.
- 4. Click Import.
 - A popup browser window opens with an option to browse for the edited hospital entry to be loaded.

The message must be in the same format in which it was saved.

Format the hospital entry to be updated.

```
<HospitalEntry>
   <MessageNum>12345</MessageNum>
   <AdapterClassLocation>AdapterClassLocation</AdapterClassLocation>
   <Family>Family</Family>
   <Type>Type</Type>
   <RibMessageId>RibMessageId</RibMessageId>
   <Id>Id</Id>
}
```

```
<PublishTime>YYYY-MM-DD HH:MM:SS</PublishTime>
  <TopicName>TopicName</TopicName>
  <ThreadValue>ThreadValue</ThreadValue>
  <JmsQueueId>jmsId</JmsQueueId>
  <CustomFlag>F</CustomFlag>
  <CustomData> <![CDATA[ CustomData ]]> </CustomData>
  <ReasonCode>ReasonCode</ReasonCode>
  <RibMessagePayloadView>
     <RibMessagePayload>
         <MessageNum>12345</MessageNum>
        <MessageData> <![CDATA[ <Message Xml> ]]> </MessageData>
     </RibMessagePayload>
  </RibMessagePayloadView>
  <RibMessageRoutingInfoView>
     <RibMessageRoutingInfo>
        <SeqNumber>0</SeqNumber>
        <Name>Name</Name>
        <Value>Value</Value>
        <Detail1Name>DetailName</Detail1Name>
        <Detail1Value>DetailValue</Detail1Value>
     </RibMessageRoutingInfo>
   </RibMessageRoutingInfoView>
</HospitalEntry>
```

View Hospital Record Details

This procedure explains how to see detailed information about a hospital record.

Unablishing a	Ture TexPerfor	Albertak County 4	Thread Units in a
	lype invkequre	Accempt Count 1	Thread Yaue z
Adapter Class Det Location rib-rms_InvReq_sub	Id	Max Attempts 5	Jms Queue Id jms1
Adapter Instance Number 2	Publish Time 2010-12-27 04:06:15	Delete Pending 0	Custom Flag F
Family InvReq	In Queue 0	Topic Name etInvReq	Rib Message Id InvReq_pub_2/2010.12.27 04:06:15.020/3
			First Previous Next Last
r Information			
e History			
e History			
r History ting Information			
r History ting Information			
r History ting Information Real Reference Information			

- 1. Search for a message (see "Search Within a Message").
- 2. Select a row that represents a hospital record.
 - By default, the Hospital Records Detail tab is active and displays the selected row's hospital record details.
 - The size of the pane can be adjusted by using the arrow mark located in the right side of the pane.

View the Error History of a Message

This procedure explains how to view a message's error history.

Hospital Record Details Message Viewer				
Hospital Id 63	Type InvReqEre	Attempt Count 1	Thread Value 2	
Adapter Class Def Location rib-rms_InvReq_sub	Id	Max Attempts 5	Jms Queue Id jms1	
Adapter Instance Number 2	Publish Time 2010-12-27 04:06:15	Delete Pending 0	Custom Flag F	
Family InvReq	In Queue 0	Topic Name etInvReg	Rib Message Id InvReq_pub_2 2010.12.27 04:06:15.020 3	
			First Previous Next Last	
Error Information				
Error History				
Routing Information				
Hospital Reference Information				

- 1. Search for a message (see "Search Within a Message").
- **2.** Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details for the selected row.
 - Click on the arrow located near the error history. This will expand the pane and display errors associated with each of the possible retry attempts.

View the Hospital Reference Information of a Message

This procedure explains how to view a message's hospital reference information.

Note: This pane contains data that applies only to retailers who have access to the custom code.

This pane displays records that are already in the RIB_MESSAGE table but are prevented from being retried until another record has been successfully retried. Once the other record has been successfully retried, the Reason Code in the RIB_MESSAGE table for the record being referenced in the Hospital Reference column is set to the new Reason Code to make it available for retry. View the hospital record details for a message (see View Hospital Record Details).

				T
Hospital Record Details Message Viewer				
Hospital Id 63	Type InvRegCre	Attempt Count 1	Thread Value 2	
Adapter Class Def Location rib-rms InvReg sub	Id	Max Attempts 5	Jms Queue Id jms1	
Adapter Instance Number 2	Publish Time 2010-12-27 04:06:15	Delete Pending 0	Custom Flag F	
Family InvReg	In Queue 0	Topic Name etInvReg	Rib Message Id InvReq_pub_2 2010.12.27 04:06:15.020 3	
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> Hospital Reference Information				
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- 1. Search for a message (see Search Within a Message).
- 2. Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details of the selected row.
 - Click on the arrow located near the hospital reference information. This will expand the pane and display associated reference information.

View the Routing Information of a Message

Hospital Id 63	Type InvRegCre	Attempt Count 1	Thread Value 2
Adapter Class Def Location rib-rms InvReg sub	Id	Max Attempts 5	Jms Queue Id ims1
Adapter Instance Number 2	Publish Time 2010-12-27 04:06:15	Delete Pending 0	Custom Flag F
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This procedure explains how to view a message's routing information.

- **1.** Search for a message (see Search Within a Message).
- **2.** Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details of the selected row.

• Click on the arrow located near the routing information. This will expand the pane and display associated reference information.

Glossary

Term	Definition
Attempt Count	The number of times the system has tried to process the message.
adapter	An adapter represents one or more threads of control within the adapter that publishes or subscribes to the applicable XML messages.
Custom Flag	This value is used to signal that the message contains custom data. This is not currently used by the RIB; therefore its value is always set to F (false).
Delete Pending	A Yes means that the message is marked for deletion and will be removed from the RIB Hospital when the retry adapter and/or process checks for messages to be deleted from the RIB Hospital. No means that the message is not pending for deletion.
Family	The valid message family to which the message belongs. Each message family contains information specific to a related set of operations on a business entity or related business entities.
Hospital ID	This is the identifier of a single message in the Hospital database. It is the primary key that associates the message in the RIB_MESSAGE table with its corresponding data in the RIB_MESSAGE_FAILURE, RIB_ MESSAGE_ROUTING_INFO and RIB_MESSAGE_HOSPITAL_REF tables.
ID	Optional ID string that identifies the message. Composite primary keys require multiple IDs. For example, a line item within a Purchase Order may contain the PO number and line item number as part of the ID. For example: <id>PONumber=12345</id>
In Queue	If Yes, messages in the queue are waiting to be reprocessed. If No, messages are not being reprocessed.
JMS Queue ID	This ID represents the JMS server that the message is published to during retries from the hospital. The ID also represents the JMS server from which the message was originally published (or from which the message was originally attempted to be published). The format of this field is <jms host="" name="">:<jms host="" port="">.</jms></jms>
Last Error Description	The text of the error message that describes why the message failed to process.
Location	The adapter name and/or process name.
Max Attempts	The maximum number of times a message in the RIB Hospital should be re-processed by an application.

Term	Definition
Message Type	Each message family contains a set of sub-formats specific to the business event triggering message publication. The term message type embodies this specific sub-format. For example: a Purchase Order message family can contain message types such as Create PO Header, Create PO Detail, Update PO Header, or Delete PO Detail.
Publish Time	The date/timestamp indicating when the message was published.
Reason Code	This value identifies whether an error occurred during publication of the message or during consumption (subscription). The indicators are JMS, SUB, and PUB. The PUB reason code is used by RMS to indicate that a reference to a message must be retained in the RIB Hospital. When retried, the adapter must call a special stored procedure (PUB_ RETRY) that will publish the message once some specific conditions are met in the RMS application.
RIB Message ID	ID of the Message within the RIB Hospital. This value is set only after the message is checked into the RIB Hospital.
Thread Value	The thread value is used for parallel processing of messages within the same family. This value is added to the message during publication to the JMS so that it can be routed through a specific adapter and/or process.