Oracle® Retail Integration Bus

Hospital Administration Guide Release 14.1 **E57326-01**

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 14.1.

Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
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Note: Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the Online Documentation available on the Oracle Technology Network Web site. It contains the most current Documentation Library plus all documents revised or released recently.

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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 documentation set:

- Oracle Retail Integration Bus Implementation Guide
- Oracle Retail Integration Bus Installation Guide
- Oracle Retail Integration Bus Operations Guide
- Oracle Retail Integration Bus Release Notes
- Oracle Retail Integration Bus Security Guide
- Oracle Retail Integration Bus Support Tools Guide
- Oracle Retail Integration Bus Integration Guide
- Oracle Retail Integration Bus Java Messaging Service (JMS) Console Guide
- Oracle Retail Functional Artifacts Guide
- Oracle Retail Service-Oriented Architecture Enabler Tool Guide

- Oracle Retail Integration Bus Data Model
- Oracle Retail Payload Mapper Guide

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https://support.oracle.com

When contacting Customer Support, please provide the following:

- 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, 14.1) or a later patch release (for example, 14.1.1). 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.

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0266.html

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0266.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

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.

The following text conventions are used in this document:

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.

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 (10.3.6) and built with Java 7 (JDK 1.6.0_18+ 64 bit or later, within the 1.6 code line. 64 bit, for Linux and Solaris OS only).

Important: If there is an existing WebLogic 10.3.5 installation on the server, you must upgrade WebLogic 10.3.5 to WebLogic 10.3.6. All middleware components associated with WebLogic server 10.3.6 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 upgrading your WebLogic server to 10.3.6 use the Upgrade Installer (installers starting with the name wls1036_upgrade

Prepare the WebLogic Server

To get the ADF runtime option while creating a domain, download the Application Development Runtime-11.1.1.7.0 from http://www.oracle.com/technetwork/index.html.

1. Unpack the downloaded Application Development Runtime-11.1.1.7.0 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 11 <i>g</i> 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.			
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- 2. Click Next.
 - Installer performs the prerequisite checks and ensures all required prerequisites are met.

Oracle Fusion Middlewa	re 11g /	Application Developer Installat	tion - Step 2 of	6 _ X
Prerequisite Chec	:ks	-0		0
Ψ <u>Welcome</u>	Selection	Check	Progress	Status
Prerequisite Checks	1	Checking operating system certific	100%	×
 Specify Installation Locatio 	1	Checking recommended operating	100%	▲
Installation Summary	Image: A start of the start	Checking kernel parameters	100%	▲
↓ ↓ Installation Progress	4	Checking Recommended glibc ver	100%	~
Unstallation Complete	\checkmark	Checking physical memory	100%	~
	•			Þ
		Abort	<u>R</u> etry	<u>C</u> ontinue
Checking operating system certification Checking recommended operating system packages Checking kernel parameters Checking Recommended glibc version				
Help Chacking nhusical memory 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	FUSION MIDDLEWARE 11	
Welcome Prerequisite Checks Specify Installation Locati Installation Summary Installation Progress			
Installation Complete	Oracle <u>M</u> iddleware Home: <u>O</u> racle Home Directory:	ne/gaparth/w1033-Dec15 Browse oracle_common	
	Home.	must already be installed in the same Middleware	
Help		< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel 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 Welcome	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	E-Disk Space
↓ Installation Progress	-Required: 760 MB
Installation Complete	-Available: 37124 MB
	Oracle Enterprise Manager
	Save Response File: Save
	To change this configuration before installing, select the topic you want to
	change in the pane on the left.
	To install this configuration, select <u>I</u> nstall.
Help	< <u>§ack</u> <u>N</u> ext > <u>Install</u> Cancel
	Elapsed Time: 5m 39s

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

Oracle Fusion Middlewa	are 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>Back</u> <u>Next</u> Einish 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
Y Welcome	Install Oracle Application Developer
i Y Prerequisite Checks	Directory Details
Specify Installation Locatio	 Middleware Home Location: /home/gaparth/w1033-Dec15 Oracle Home Location: /home/gaparth/w1033-Dec15/oracle_commo
unstallation Summary	🖃 Disk Space
↓ Installation Progress	Oracle Home Size: 770 MB Available: 36332 MB
Installation Complete	⊡Applications
	Oracle Enterprise Manager
	Save Installation Details: Save
	Oracle Application Developer installation completed successfully
Help	< <u>Back</u> <u>N</u> ext > <u>Finish</u> 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.

E Fusion Middleware Configuration Wizard		- 🗆 🗙
Welcome		LE.
O 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 settings.		
E⊴t Help	Previous	Next

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

Fusion Middleware Configuration Wizard	_ 🗆 X
Select Domain Source	ORACLE
Generate a domain configured automatically to support the following produte the following produce the follo	icts:
Basic WebLogic Server Domain - 10.3.6.0 [w/server_10.3] *	
Oracle Service Bus OWSM Extension - 11.1.1.6 [Oracle_OSB1]	
Oracle Enterprise Manager - 11.1.1.0 [oracle_common]	
Oracle Service Bus for developers - 11.1.1.6 [Oracle_OSB1]	
Oracle Service Bus - 11.1.1.6 [Oracle_OSB1]	
WebLogic Advanced Web Services for JAX-RPC Extension - 10.3.6.0 [wlserver_10.3]	
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]	
Basic WebLogic SIP Server Domain - 10.3.6.0 [wlserver_10.3]	
WebLogic Advanced Web Services for JAX-WS Extension - 10.3.6.0 [wlserver_10.3]	
○ Base this domain on an existing template	
Template location: D:\WLS-1036 Bro	WSB
Exit Help	Previous Next

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

E Fusion Middleware Configu	ration Wizard	_
Specify Domain Name and Location	1	ORACLE'
		ORACLE
E	nter the name and location for the domain:	
Domain name:	riha_domain	
Domain location:	\u00\userhome\WLS-1036\user_projects\domains Browse	
	Ţ	
Exit Help	1	Previous Next

- **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	Configuration Wizard	
onfigure Administrato	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

- **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 Configuration	Wizard
	ORACLE'
Before putting your domain into production, make sure tha Production Environment' in the WebLogic Server document WebLogic Domain Startup Mode	t the production environment is secure. For more information, see the topic 'Securing a ation.
 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. 	O Available JDKs IRockit SDK 1.6.0_29 @ D:\WLS-1036\jrockt_160_29_D1.2 Sun SDK 1.6.0_29 @ D:\WL5-1036\jdk160_29
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: /u00/userhomw/java/jdk1.7.0 Browse
Exit Help	Previous

- **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.

Configure Managed Servers	ort SSL enabled
Name* Listen address* Listen port SSL listen p	ort SSL enabled
→ 1 riha-server listenaddress * 7003	N/A
Egit Help	

- **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.

ada 🕱 Delece (💍 Discard Changes			Switch
Name*	Cluster messaging mode	Multicast address	Multicast port	Cluster address
	Charter Incloselying mode	The start day of the	Training port	

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

Fusion Middleware Configure	ration Wizard	
Configure Machines		ORACLE
Machine Unix Machine	i	
Name*	Node manager listen address	Node manager listen port
Exit Help		Previous Next

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

	re Configuration Wizard	
get Deployments t	o Clusters or Servers	ORACLE
	he left pane. Then check applications in the right pane to target them to the select	ted clusters or servers.
arget	riha-server	1 Toronto 1
Server	Deployments	Target
- on Aufili Derver	Application	AdminServer, riha-server
	FMW Welcome Page Application#11.1.0.0.0	AdminServer, riha-server
	DMS Application#11.1.1.0 wsii-wls	AdminServer, riha-server
		Adminiserver, mila-server
	E Dibrary	AdminServer, riha-server
	✓ oracle.bi.jbips#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.composer#11.1.1@0.1	
	✓ oracle.bi.adf.model.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.view.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.webcenter.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.jsp.next#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer, riha-server
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, riha-server
	✓ oracle.adf.dconfigbeans#1.0@11.1.1.2.0	AdminServer, riha-server
	Select All Linselect All Disgard Changes	
Exit Help		Previous

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.

jet Services to Clus		ORACL	_€
ect clusters or servers in th	e left pane. Then check services in the right pane to target them to the se	elected clusters or servers.	
arget	riha-server		
Server	Service	Target	
adminServer	😑 🗹 🚞 Shutdown Class		E
- Ⴆ riha-server	JOC-Shutdown	AdminServer, riha-server	
	DMSShutdown	AdminServer, riha-server	
	🖃 🗹 🚞 Startup Class		
	✓ JRF Startup Class	AdminServer, riha-server	
	JPS Startup Class	AdminServer, riha-server	
	ODL-Startup	AdminServer, riha-server	
	AWT Application Context Startup Class	AdminServer, riha-server	
	JMX Framework Startup Class	AdminServer, riha-server	
	Web Services Startup Class	AdminServer, riha-server	
	JOC-Startup	AdminServer, riha-server	
	✓ DMS-Startup	AdminServer, riha-server	
	E 🗹 🚞 WLDF System Resource		
	Module-FMWDFW	AdminServer, riha-server	
			[
	Select All Unselect All Disgard Changes		

- **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.

nfiguration Summary		ORACLE
omain Summary ummary View: Deployment view niha dataain (lu00\userhome\WLS-1036\user protect (~)	Details pane be	n in the Domain Summary pane on the left to inspect its attributes in the slow. You can make limited adjustments by clicking Previous to return to everything is satisfactory, click Create.
Server	Details	
_	Attribute	Value
e AdminServer	Name	Basic WebLogic Server Domain
E Service	Description	Create a basic WebLogic Server domain without installing sample app
😑 🛅 Shutdown Class	Author	Oracle Corporation
- JOC-Shutdown	Location	D:\WLS-1036\wlserver_10.3\common\templates\domains\wls.jar
DMSShutdown		
E-Cal Startup Class	Name	Oracle JRF
JRF Startup Class	Description	Required for Fusion Middleware Components and applications built us
- D JPS Startup Class	Author	Oracle Corporation
ODL-Startup	Location	D:\WL5-1036\oracle_common\common\templates\applications\jrf_ter
- AWT Application Context Startur		
JMX Framework Startup Class	Name	Oracle BI-ADF Runtime
Web Services Startup Class	Description	Required for domains using BI-ADF runtime libraries
	Author	Oracle Corporation
JOC-Startup	Location	D:\WLS-1036\oracle_common\common\templates\applications\oracle
DMS-Startup	Name	Oracle BI Composer Runtime
WLDF System Resource	Description	Oracle BI Composer Runtime extension template
Module-FMWDFW	1.0	
	4	• • • • • • • • • • • • • • • • • • •

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

Fusion Middleware Configu	ration Wizard	X
Creating Domain		ORACLE
E C S S S P P D D D D D D D	Progress: 100% treparing xtracting Domain Contents treating Domain Security Information aving the Domain Information tring Substituting Domain Files tring Substituting Domain Files terforming Post Domain Creation Tasks tomain Created Successfully! Domain Location: D:\WLS-1036\user_projects\domains\test_nha_domain dmin Server URL: http://prahlad:7001	
		Start Admin Server
Exit		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.

- ORACLE WebLogic Server® Administration Console Change Center Q Welcome, weblogic Connected to: test_niha Home > Summary of Deployments View changes and restarts Clok the Look & Edit button to modify, add or delete items in this domain. Summary of Deployments Control Monitoring Look & Edit Release Configuration This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. I domain by first selecting the application name and using the controls on this page. ed), or deleted from the omain Structure st_rha_domain Environment Deployments Services —Security Realms To instal a new application or module for deployment to targets in this domain, dick the Instal button © Customize this table Deployments Install Update Delete Stat v Stop v Showing 1 to 10 of 26 Previous | Next 🗖 Name 🙃 State Health Type Deployment Order C Cadf or ade businessed tor (1.0, 11.1.1.2.0) Active Library 100 C Cafforade.doman(1.0,11.1.1.2.0) Active Library 100 C Cadiorade.domain.webacc(1.0,11.1.1.2.0) 500 Active Lbrary How do L 🛛 B 2045 Application (11.1.1.1.0) Active 🕈 OK Web Application 5 Instal an Enterprise application Configure an Enterprise application
 Update (redeploy) an Enterprise application E RANK Vielcome Page Application (11.1.0.0.0) Active vor Enterprise Application 5 C (12,12.9.0) Active Ubrary 100 Start and stop a deployed Enterprise application 6 st(1.2, 1.2.0.1) Active Ubrary 100 Monitor the modules of an Enterprise application C Cohu-rof(5,5.0) Active 100 Library Cepioy EI8 modules C Cohe-six(3,5.0) Active Library 100 Instal a Vieb application C Corade adf dcorfigbeans(1.0,11.1.1.2.0) Active Lbrary 100 Showing 1 to 10 of 26 Previous | Next Instal Update Delete Stat - Stop -System Status Health of Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0) OK (1)
- 1. Start the server and log on to the console.

2. In the Domain Structure section, click **Deployments**. The deployed libraries are listed.

ORACLE WebLogic Server®	Administration Console	•
Change Center	Home Log Out Preferences M Record Help	Welcome, weblogic Connected to: test_rika_domain
View changes and restarts	Home > Summary of Deployments >adf.oracle.domain(1.0,11.1.1.2.0)	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for adLoracle.domain(1.0,11.1.1.2.0)	
Look & Edit	Overview Targets Notes	
Release Configuration	Clok the Lock & Editbutton in the Change Center to modify the settings on this page.	
Domain Structure	See	
test_rha_donain ® Environment — Deployments	Use this page to select the WebLapt Server instances and dusters to which you want to deploy (target) the Java EE library.	
8-Services Security Realms	Servers	
8-Distroperability 8-Diagnostics	Fi AdminServer	
	E rha_server	
	See	
	Clok the Look & Editbutton in the Orange Center to modify the settings on this page.	
How do L.		
 Instal a Java EE Ibrary 		
 Target a Java EE library to a server or cluster 		
Configure a Java EE library Update (redeploy) a Java EE library		
Opiete a Java EE Ibrary		
System Status 🖂		
Health of Running Servers		
Paled (0)		
Critical (0) Overloaded (0)		
Warring (0)		
OK (1)		
WebLogic Server Venion: 30.3.6.8 Copyright © 1996, 2011, Oracle and/or its efflates, Al		
Oracle is a Registered trademark of Oracle Corporation	and/or its affiliates. Other names may be trademarks of their respective conners.	

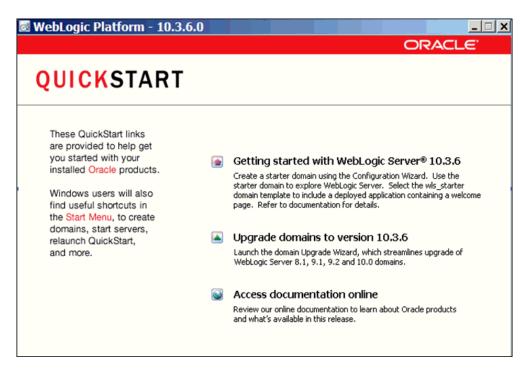
3. Click on the ADF libraries.

4. Click the **Targets** tab and verify that the created server is selected for that library.

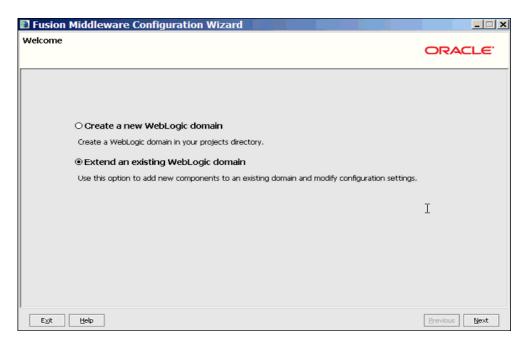
Extending an existing domain to add ADF run-time libraries

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:	
E Contra de Cont	
E Comains	
🕀 📄 jdk160_29	
irockit_160_29_D1.2.0-10	
🗉 🔁 logs	
🗉 📄 modules	
Image:	
Image: Contract of the second seco	
🖃 🚞 user_projects	
🖃 🚞 domains	
🗈 📴 osb_domain	
🕀 🙀 rib_domain	
🕀 🧰 riha_domain	
RSBDomain	
🗄 🦳 test_riha_domain	
tolls termination of the second se	
Wiserver_10.3 Wiserver_10.3 Wiserver_10.3	v
Exit Help	Previous Next

- 5. Select the domain that requires ADF runtime libraries.
- 6. Click Next. The Select Extension Source screen opens.

🗈 Fusion Middleware Configuration Wizard	_ 🗆 X
Select Extension Source	ORACLE
Extend my domain automatically to support the following added products Z Basic WebLogic Server Domain - 10.3.6.0 [wlserver_10.3]* Oracle Service Bus OWSM Extension - 11.1.1.6 [Oracle_OSB1] Oracle Enterprise Manager - 11.1.1.0 [oracle_common] Oracle Service Bus for developers - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_CSB1] Oracle Service Bus - 11.1.1.6 [Oracle_CSB1] Oracle Service Bus - 11.1.1.0 [oracle_common] Oracle Service Services Asynchronous services - 11.1.1.0 [oracle_common] Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common]	5:
Basic WebLogic SIP Server Domain - 10.3.6.0 [wlserver_10.3] WebLogic Advanced Web Services for JAX-WS Extension - 10.3.6.0 [wlserver_10.3] C Extend my domain using an existing extension template Template [ocation: D:\WLS-1036 Browse	5
Exit Help	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.

E Fusion Middleware Configuration Wizard	_ 🗆 🗙
Select Optional Configuration	ORACLE
	I
 Managed Servers, Clusters and Machines Add or Delete Modify Settings Deployments and Services Target to Servers or Clusters 	
Exit Help	Previous Next

- **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.

nfigi	ure Managed S	re Configuration ervers			ORACLE
4 e	dd 🗙 <u>D</u> elete 💍				Switch Displa
_	Name*	Listen address*	 Listen port	SSL listen port	SSL enabled
→ 1	riha-server	listenaddress	 7003	N/A	

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

- **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.

E Fusio	n Middlewar	e Configuration Wiza	ard		_
Configur	e Clusters				ORACLE
📮 Add	🗴 🔀 Delete 💍 Di	sgard Changes			Switch Display
N	lame*	Cluster messaging mode	Multicast address	Multicast port	Cluster address
E⊻it	Help				Previous Next

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

Fusion Middleware Configure	iration Wizard		- 🗆 X
Configure Machines			ACLE
Machine Unix Machine			
🛃 Add 🗱 Delete 💆 Discard Change	5		
Name*	Node manager listen address	Node manager listen port	
Exit Help		Previo	us <u>N</u> ext

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

get Deployments to		ORACLE
lect clusters or servers in the	left pane. Then check applications in the right pane to target them to the select	ed clusters or servers.
larget	nha-server	
Server	Deployments	Target
- to AdminServer	E 🗹 🚞 Application	
- 🐚 riha-server	FMW Welcome Page Application#11.1.0.0.0	AdminServer, riha-server
	DMS Application#11.1.1.1.0	AdminServer, riha-server
	✓ wsil-wls	AdminServer, riha-server
	😑 🗹 🧰 Library	
	✓ oracle.bi.jbips#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.composer#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.adf.model.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.view.slb#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.webcenter.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.jsp.next#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer, riha-server
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, riha-server
	✓ oracle.adf.dconfigbeans#1.0@11.1.1.2.0	AdminServer,riha-server
	Select All Disgard Changes	

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 attributes in the Domain Summary Summary View: Deployment Details pane below. You can make limited adjustments by clicking Previous to return to a prior panel. If everything is satisfactory, click Create. -🛅 riha_damain (\u00\userhome\WLS-1036\user_project 🔺 Details E Server Attribute Value AdminServer Basic WebLogic Server Domain Name 😑 🛅 Service Description Create a basic WebLogic Server domain without installing sample app 🖻 🛅 Shutdown Class Author Oracle Corporation Location D:\WLS-1036\wlserver_10.3\common\templates\domains\wls.jar – 🗋 JOC-Shutdown DMSShutdown Name Description Author 😑 🛅 Startup Class Oracle JRF Description Required for Fusion Middleware Components and applications built us] JRF Startup Class] JPS Startup Class Oracle Corporation Location D:\WLS-1036\oracle_common\common\templates\applications\jrf_ter ODL-Startup AWT Application Context Startur Name Oracle BI-ADF Runtime JMX Framework Startup Class Description Required for domains using BI-ADF runtime libraries Oracle Corporation Author Location D:\WLS-1036\oracle_common\common\templates\applications\oracle - 🚺 JOC-Startup - 🗋 DMS-Startup Name WLDF System Resource
 Modelse SMWDFW Oracle BI Composer Runtime Module-FMWDFW Description Oracle BI Composer Runtime extension template Ŧ Ŧ Þ Previous Create E⊻it Help
- **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 Extension Applied Successfully! Domain Location: /u01/rrtswls/Oracle/Middleware/user_projects/domains/adf_domain7 Admin Server URL: http://mspdv170:7001
E <u>x</u> it <u>H</u> elp	Previous Done

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

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

Deploying RIHA ear File from RIB-HOME

This section describes the steps to deploy RIHA ear from rib-home. Single RIHA ear file is used for all the rib-apps and deployment is supported only from rib-home.

To deploy RIHA app from rib-home:

- 1. Download RibHospitalAdministration-Web-14.1.0 for all 14.x.xApps_eng_ ga.tar and extract it to RIB_INSTALL/rib-home/tools-home.
- 2. Go to the location rib-home/tools-home/riha/conf
- **3.** Edit the riha-deployment-env-info.properties with riha-admin-server-connection-url value

Ex: riha-admin-server-connection-url=t3://host:portto the location rib-home/tools-home/riha/conf

a. Edit target server name where RIHA app should be deployed.

Ex: riha-wls-target-name=AdminServer

This means riha app will deploys to AdminServer.

Ex: riha-wls-target-name=m1

This means riha app will deploys to Managed Server 'm1'.

b. Edit cluster name where RIHA app should be deployed.

If no cluster is configured then enter cluster name as "no_cluster"

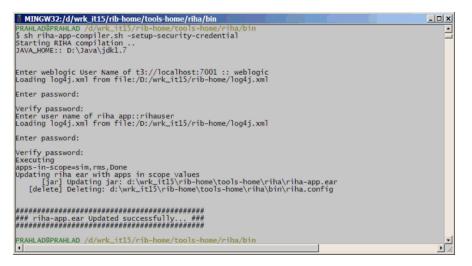
Ex:riha-wls-cluster-name=no_cluster

If any cluster is configured then enter the name of the cluster.

Ex:riha-wls-cluster-name=New_Cluster_1

4. Compile the riha-app. Security credentials get configured while compiling with the following command:

tools-home/riha/bin: ./riha-app-compiler.sh -setup-security-credential



- **5.** Prepare Weblogic for RIHA deployment: by executing this step all the datasource required by RIHA application will be created based on the number of applications in scope of rib-deployment-info.xml and user information required for riha app to login will be created (RihaAdminGroup and user entered in riha compilation phase) tools-home/riha/bin: ./riha-app-deployer.sh -prepare-wls.
- **6.** Deploy RIHA app by executing tools-home/riha/bin: ./riha-app-deployer.sh -deploy-riha-app
- **7.** If needed you can undeploy RIHA by executing tools-home/riha/bin: ./riha-app-deployer.sh -undeploy-riha-app

Note: By default the maximum number of in memory sessions for WebLogic web applications is unlimited. This settings can be misused by external attackers to create unlimited number of sessions by accessing the web application. In such cases it possible that the WebLogic run out memory and eventually crash the server. So it is required to limit the number of sessions to a reasonable number (e.g., 100). The settings can be changed through the admin console of the WebLogic server. Follow the steps below to change this configuration setting:

- 1. Login to the Admin Console.
- 2. Click Deployments.
- 3. Click the war application (or war module if it is inside an ear application).
- 4. Click Configuration.
- 5. Set Maximum in-memory Sessions to 100.
- 6. Save the changes. Activate the session, if needed.

Testing the Deployment

This section describes the steps to test the deployment.

Navigate to the post deployment screen.

1. Click the **Control** tab.

ORACLE WebLogic Server® A	dministration Console	0
Change Center		nnected to: nha_domain
Wew changes and restarts	None »Sunnary of Deployments » Harapp	
Configuration editing is enabled. Puture changes will automatically be activated as you	Settings for nha-app	
modify, add or delete items in this domain.	Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes	
Domain Structure	Start/Stop Inteloc Carles	
rha_donain 8-to-viconnent Deploymenta 8-Services	Use this page to start or stop a dipoloyed Briteryne application.	
Security Realms	Enterprise Application	
₽-Sinterspendolity ₽-Diagnostics	Stat v Stop v Showing 1 to 1	of 1 Previous Next
	7 hane is	State Type
	2 Bitwap	Active Enterprise Application
	80%	
	None to doplay	
Now do L. 8	BNodes	
 Start and stop a deployed Enterprise application 	(hagi	Web Application
 Configure an Enterprise application 	E Web Services	
Oreate a deployment plan Target an Enterprise application to a server	None to display	
Test the modules in an Enterprise application	Sat v Storv Show	of 1 Previous Next
	Servicing all requests	
System Status	Servicing only administration requests	
Health of Running Servers		
Paled (0) Critical (0) Overloaded (0)		
Warring (0) Oc (1)		
WebLopic Server Weston: 39.34.0 Copyright & 1996, 2011, Oracle and/or Its affiliates. All r Oracle is a registered fundemark of Oracle Corporation of	syllin married. only: In addition. Other names may be trademarks of their respective sources.	

2. Select the application. Click Start.

ORACLE WebLogic Server®	Administration Console	0
Change Center	🏚 Hone Log Out: References 🖾 Record Help	Welcome, weblogic Connected to: best_riba_domain
View changes and restarts	Kone >Summary of Deployments	
Click the Lock & Edit button to modify, add or delete items in this domain.	Start Application Assistant	
Linck & Edit	Yes to	
Release Configuration	Start Deployments	
Domain Structure test_rika_domain	Tou-have selected the following diployments to be started. Click Yes' to continue, or Yol' to cancel. • rite-reps(/2.0)	
8 Environment - Ceployments 8 Services	Yes No.	
Security Realms 8-Interopenability 8-Diagnostics		
How do I 8		
No task help found.		
System Status		
Health of Running Servers		
Failed (0) Critical (0)		
Overloaded (1) Warring (0) Or: (1)		
WebLogic Server Venion: 15.1.6.0 Copyright © 1996, 2016, Oracle and/or its afflates. A Oracle is a registered trademark of Oracle Corporatio	é régita manerad. n avajúr is afiliatas. Other names may las tadonanis af their negastive comes.	

3. Click Yes.

	Administration Console	
Change Center		Welcome, weblogic Connected to: test_riha_doma
Wew changes and restarts	Home > Summary of Deployments > whar app(V2.0)	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for nha-app(V2.0)	
Look & Edt	Overview Deployment Plan Configuration Security Targets Coastrol Testing Monitoring Notes	
Release Configuration	Start/Stop Intale Caches	
Demain Structure test_rha_domain ® -true soment - Deployments	Use this page to start or stop a deployed Britegrase application. Enterprise Application	
8-Services Security Realms	Start w Step w	Showing 1 to 1 of 1 Previous Next
8-Intersperability 8-Diagnostics	□ Tame ↔	State Type
	C 8 rhe-ep (/2.6)	Active Enterprise Application
	800	
	None to deplay	
	⊟ Modules	
How do L.	dagi	Web Application
 Start and stop a deployed Enterprise 	E Web Services	
application	None to deplay	
Configure an Enterprise application Create a deployment plan	Start v Stop v	Showing 1 to 1 of 1 Previous Next
 Target an Enterprise application to a server 		
 Test the modules in an Enterprise application 		
System Status 8		
Health of Running Servers		
Peled (0) Criscal (0) Overloaded (0) Warring (0)		
OK (1)		

• The deployed tool is started successfully.

ORACLE WebLogic Server® /	Administration Console		0
Change Center	🏫 Home Log Out Preferences 🖂 R	cord Heb	Welcome, weblogic Connected to: test_riba_domain
View changes and restarts	Home > Summary of Deployments > vilke >	app(V2.0)	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for riha-app(V2.0)		
Look & Edt	Overview Deployment Plan Config	puration Security Targets Control Testing Monitoring Notes	
Release Configuration	Some deployment types support test of	oints you can use to verify that a deployment was successful and that the module is ready for use.	
Domain Structure		est points available for this application or module.	
test_rha_domain	r		
8 Environment	Deployment Tests		
8-Services			Showing 1 to 1 of 1 Previous Next
Fiscurity Realms Britneroperability	Name 🙃	Test Point	Comments
B-Daprostics	Binha-app		
	Britegi		
	/faces/hospitalAdmin.3spx	http://10.176.199.141:7001/hte-gu/faces/hospitalAdmin.jspx	Welcome file /faces/hospitalAdmin.jspx on server AdminGerver
	default	http://10.176.159.141:7001/irha-gu	Default un on server AdminGerver
	-		Showing 1 to 1 of 1 Previous Next
How do L. 8			
 Start and stop a deployed Enterprise application 			
Configure an Enterprise application			
 Create a deployment plan 			
Target an Enterprise application to a server			
Test the modules in an Enterprise application			
System Status			
Health of Running Servers			
Failed (0)			
Critical (2)			
Overloaded (0) Warning (0)			
OK (1)			
WebLopk Server Venions 10.3.6.0			
VebLog: Server Venion: 30.3A3 Copyright @ 1996, 2011, Oracle and/or its affliates, A3 Oracle is a registered trademark of Oracle Corporation	rights reserved. • and/or its affiliates. Other names may be trader	warks of their magnetive oveners.	

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

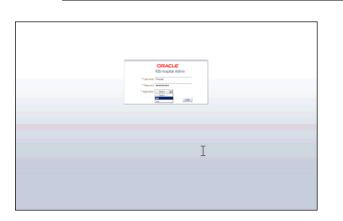
Navigation and Help

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.

1. Enter the application URL http://<host>:<port>/riha-gui in the address bar of the browser.



Note: Using Mozilla Firefox Web browser is recommended.

- **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.** Select the application name from the drop down to go the error hospital details of a particular application.
- 5. Click Login. The application home page appears.

Search Criteri eth C Al P Any Family 1d Jd	-		yeld ype	r x						Aguarca
										Search Rese
Search Results Ien + Format +	C Load Message	Details on Selection			Inport Save 1	oFie Delete S	Step Retry	Treeze 🛃	Detach of time	
Family	Nessage Type	TopicName	Adapter Class Def Location	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Max Attempts	Last Bror Date/Time	
FulfiOrdefriore	PulliOrdefinencere	e#uR0rdChrOrc	rb-ons_FulfOrdChiOrc_sub	1			1	5	2013-06-13 11:46:43	
		e#uR0rdChOrc	rb-ons_FulfiOrdChrOrc_sub	1	8		1	5	2013-06-13 11:42:46	
fulfiordcfm	fulfiordchrate	esfulfiorschi-	rb-ons_FulfiOrdCfm_sub	1	8		1	5	2013-06-12 06:21:28	
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Diffs.	DROw	+Officientities	nh-sm Diffs sub				5	4	2013-05-29.02-55/30	
Hospital Record		age Viewer								-
	pts/1d 2639776	No. of contract	Type FulfilOrd	chmoncore	Attempt (Thread value		-
dapter Class Def Li Adapter Instance I		dfilOrdCfmCnc_sub	20 Publish Time 2013-06		Max Atta Delete Pe			Jms Queue 1d Custom Flag		
	Family Full@ordcfr	nonc	In Queue 1	15 114545		Name et/fulfilordCl	fmCnc		2013-06-13 11:45:43.668 IST First Previous Next Last	-
ast Error Desc	son Code SUB ription	Last Error Time 20 forn marshal MarshalEx rgrationException: well	ceptor: weblock will proto we	s.WSSecurityException: Railed t	o resolve DataRefere vas.WSSecurityExcept	nce - weblogic will do toric Failed to resolve l	n narshal MarshalEvcep DataReference.: webiog	ton: weblogic.xml.i ic.xml.dom.marshal	trypto.wss.WSSecurityException: Reled to resolv Restel@coeption: weblogc.xml.crypto.wss.WS	e DataRefi e ecuripErc

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 Criteria Nath C AL® Any			
Femly		RbMessageld	-
ы		Tipe	1
PublishTime	13		

- **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.

Ven + Format +	C Load Message	Details on Selection			Import Save	to File Delete S	top Retry	Trecze Detac	h yil Wap	
Family	Message Type	TopicName	Adapter Class Def Location	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Max Attempts	Last Error Date/Time	
DSDReceipt	DEDRECEIPTORE	etDSDReceipt	rib-rms_DSDReceipt_sub	1			5	5	2013-07-04 04:28:45	
DSDReceipt	DSDRECEIP1CRE	etDSDReceipt	rib-rms_DSDReceipt_sub	1			5	5	2013-06-21.02:24:47	_
DSDReceipt	DSDRECEIPTMOD	etDSDReceipt	rib-ms_DSDReceipt_sub	1			5	5	2013-06-21 02:10:54	
DSDReceipt	DSDRECEIPTORE	etDSDReceipt	rib-rms_DSDReceipt_sub	1			5	5	2013-06-21 01:13:43	
DSDReceipt	DSORECEIPTORE	etDSDReceipt	rib-ms_DSDReceipt_sub	1			5	5	2013-06-18 03:27:33	
FulfiOrdefriend	FulfiOrdefmencere	etFulfiOrdCfmCrc	rb-ons_FulfiOrdCfnOrc_sub	1	1		1	5	2013-05-13 11:45:43	
etFulfiOrdcfmcrc	etFulfiOrdcfmcrccre	eFulfiordCfmCrc	rb-ons_FulfIOrdCfmOrc_sub	1	~		1	5	2013-06-13 11:42:46	
fulfiordcfm	fulfiordcfmcre	etFulfiOrdCfn	rb-ons_FulfiOrdCfm_sub	1	1		1	5	2013-06-12 06:21:28	
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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.** Log in to the application.
- 2. Click Advanced in the search panel.

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- **3.** 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.
- **4.** 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 and Edit 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. The message viewer displays the payload in text mode.

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6. You can edit the message shown and click Save to save the message.

Save a Message Locally

This procedure explains how to save a message locally.

- 1. Search for a message and select a row.
- **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.
 - 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 View and Edit 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.

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2	7/4/2013			1					
3	7/4/2013			1					
4	7/4/2013	rib-ms_DSDRecei	due_ta	1	javax.eb.EXExcept	ton: Exception while processing request:	E \$1		
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- 1. Search for a message (see "View and Edit 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.

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- 1. Search for a message (see "View and Edit 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).

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2653245	1	7/4/2013	rb-ms_DSDReceipt_sub	1	(avax.eb.E38Excepton: Exception while processing request: E	SY	
2653245	2	7/4/2013	rb-ms_DSDRecept_sub	1	(avax.eb.E38Excepton: Exception while processing request: E	SY	
2653245	3	7/4/2013	rb-ms_DSDRecept_sub	1	(avax.eb.E38Excepton: Exception while processing request: E	57	
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- 1. Search for a message (see View and Edit 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

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Error History							
MessageNum	Sed/kinber	Time	Adapter Classil ocation	AdapterInstanceNumber	Description	ErrorType	ErrorCode
2653245	0	7/4/2013	rib-ms_DSDReceipt_sub	1.	javax.etb.E38Exception: Exception while processing request; E	SY	
2653245	1	7/4/2013	rib-rims_DSDReceipt_sub	1	Javax.eb.EXException: Exception while processing request: E	SY	
2653245	2	7)4/2013	rib-ms_DSDReceipt_sub	1	Javax.eb.E38Exception: Exception while processing request: E	SY	
2653245	3	7/4/2013	rib-rms_DSDReceipt_sub	1	javax.eb.E38Exception: Exception while processing request: E	57	
2653245	4	7)4(2013	rib-rms_DSDReceipt_sub	1	javax.eb.E38Exception: Exception while processing request: E	SY .	
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o data to display. • Mospital Refere Messagefium o data to display.	nce Information SedNumber	HospitaRef	Adapter Classific cation	AdapterStanceNumber	Messagefamly NevAaaonCode	Olifa	sonCode

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

- 1. Search for a message (see View and Edit 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.		