Oracle® Retail Integration Bus

Hospital Administration Guide

Release 16.0.023

E89675-01

January 2018

ORACLE®

Oracle® Retail Integration Bus Hospital Administration Guide, Release 16.0.023

E89675-01

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Glossary

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 16.0.023.

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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?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
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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 Cloud Service Release Notes*
- *Oracle Retail Integration Cloud Service Action List*
- *Oracle Retail Integration Cloud Services Administration Guide*
- *Oracle Retail Integration Bus Implementation Guide*
- *Oracle Retail Integration Bus Installation Guide*
- *Oracle Retail Integration Bus Operations Guide*
- *Oracle Retail Integration Bus Support Tools Guide*
- *Oracle Retail Functional Artifacts Guide*
- *Oracle Retail Functional Artifact Generator Guide*
- *Oracle Retail Service-Oriented Architecture Enabler Tool Guide*

- *Oracle Retail Integration Bus Java Messaging Service Console Guide*
- *Oracle Retail Service Backbone Developers Guide*
- *Oracle Retail Service Backbone Implementation Guide*
- *Oracle Retail Integration Console (RIC) User Guide*
- *Oracle Retail Service Backbone Security Guide*
- *Oracle Retail Bulk Data Integration Implementation Guide*
- *Oracle Retail Bulk Data Integration Installation Guide*
- *Oracle Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle Financials Implementation Guide*
- *Oracle Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle Financials Installation Guide*
- *Oracle Retail Job Orchestration and Scheduler Implementation 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, 16.0) or a later patch release (for example, 16.0.023). 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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http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

If a more recent version of a document is available, that version supersedes all previous versions.

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(Data Model documents are not available through Oracle Technology Network. You can obtain them through My Oracle Support.)

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.

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

2

Installation and Setup

The RIHA installation chapter widely focuses on ADF 12c 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 12c

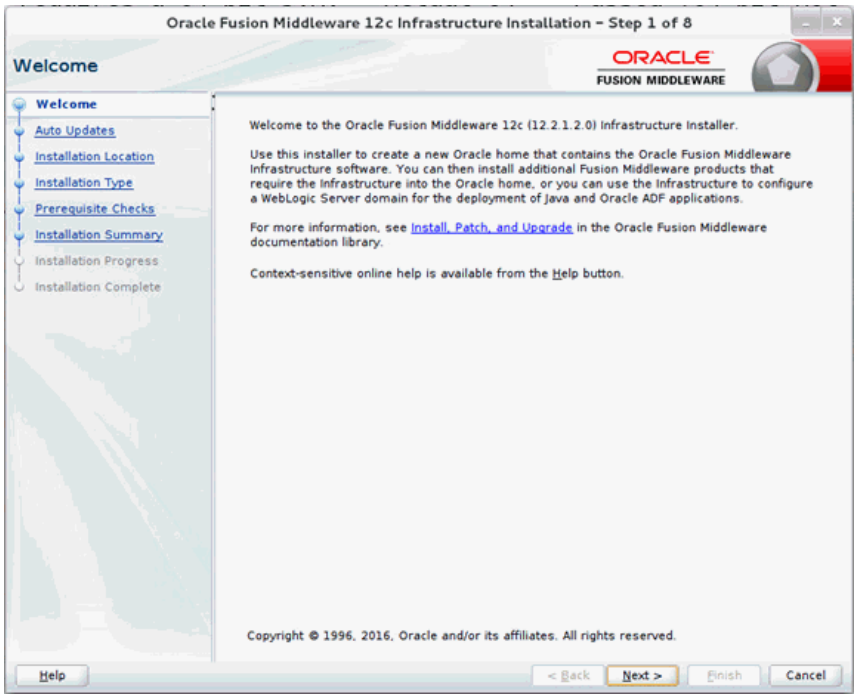
(12.2.1.2.0) and built with Java 8 (JDK 1.8.0+ 64 bit or later, with the latest security updates.

> **Important:** If there is an existing WebLogic 12.x.x or 10.3.xc installation on the server, you must upgrade to WebLogic 12.2.1.2.0. All middleware components associated with WebLogic server 10.3.6 should be upgraded to 12.2.1.2.0
>
> Back up the weblogic.policy file ($WLS_HOME/wlserver/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 12.2.1.2.0 use the appropriate Upgrade Installer.

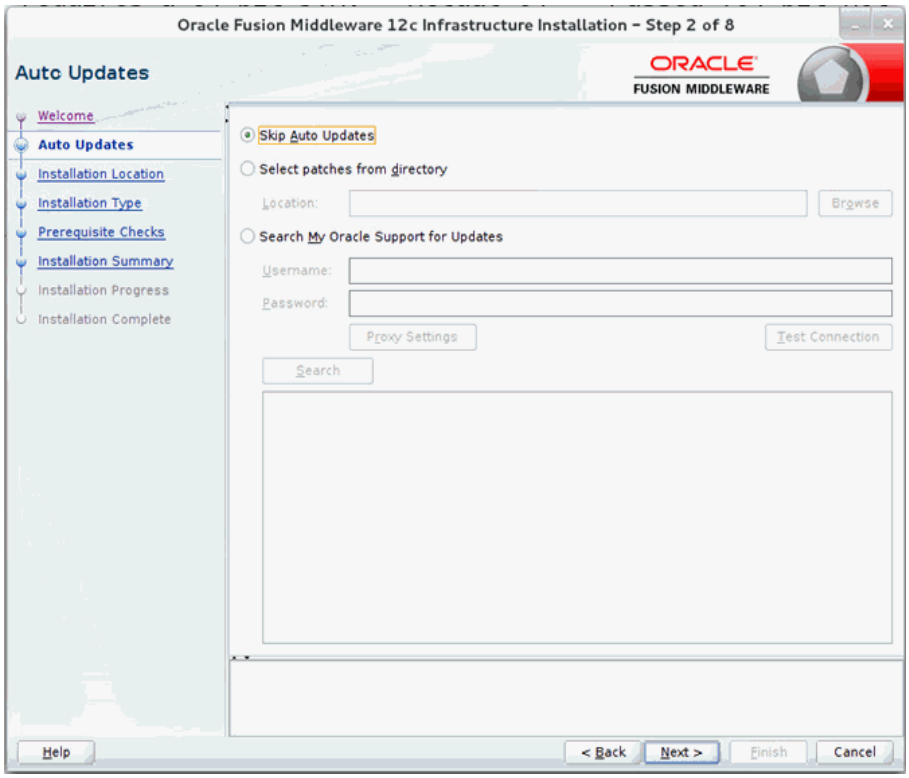
Prepare the WebLogic Server

Take the following steps to prepare the WebLogic server:

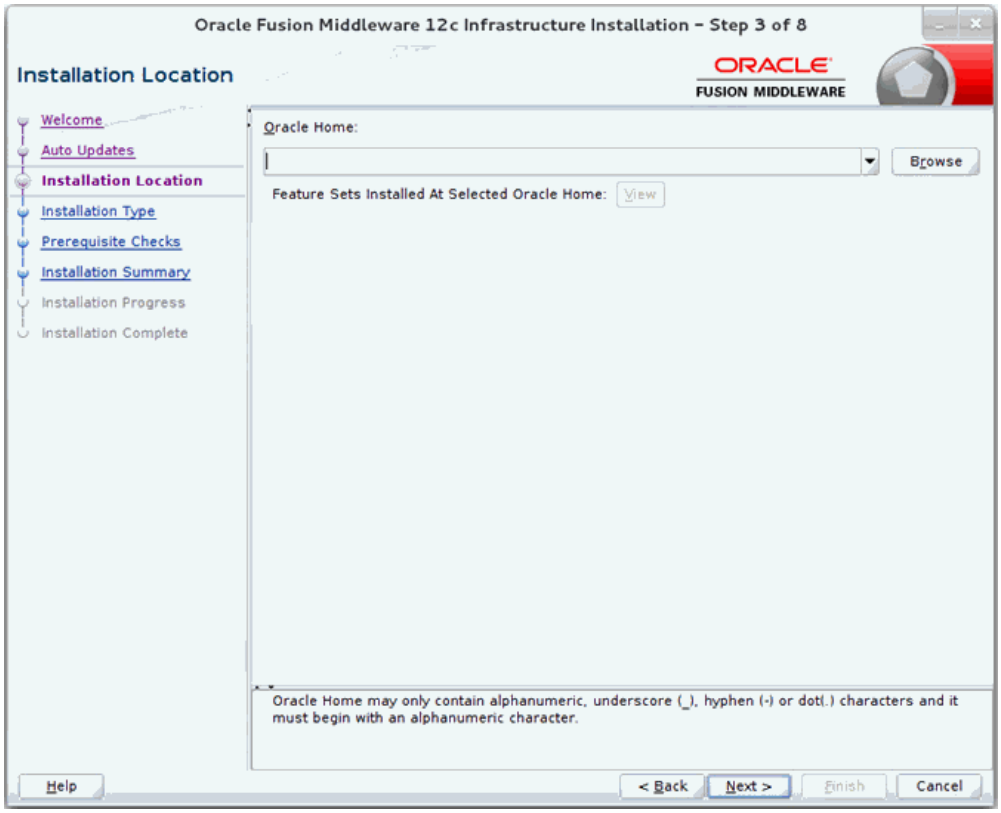
1. Find fmw_12.2.1.2.0_infrastructure_Disk1_1of1.zip and download this file to your system.
2. Extract the contents of this zip file to your system. Use the fmw_12.2.1.2.0_infrastructure.jar file to run the installer.
3. Run the installer by executing the java -jar fmw_12.2.1.2.0_infrastructure.jar file. The Welcome window displays.



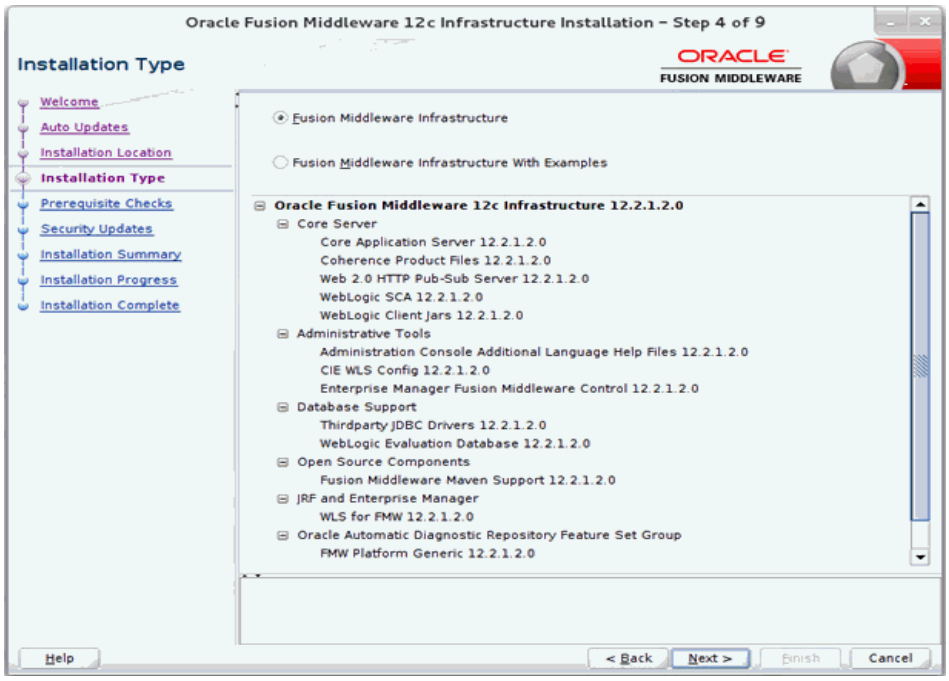
4. Click **Next**. The Auto Updates window displays.



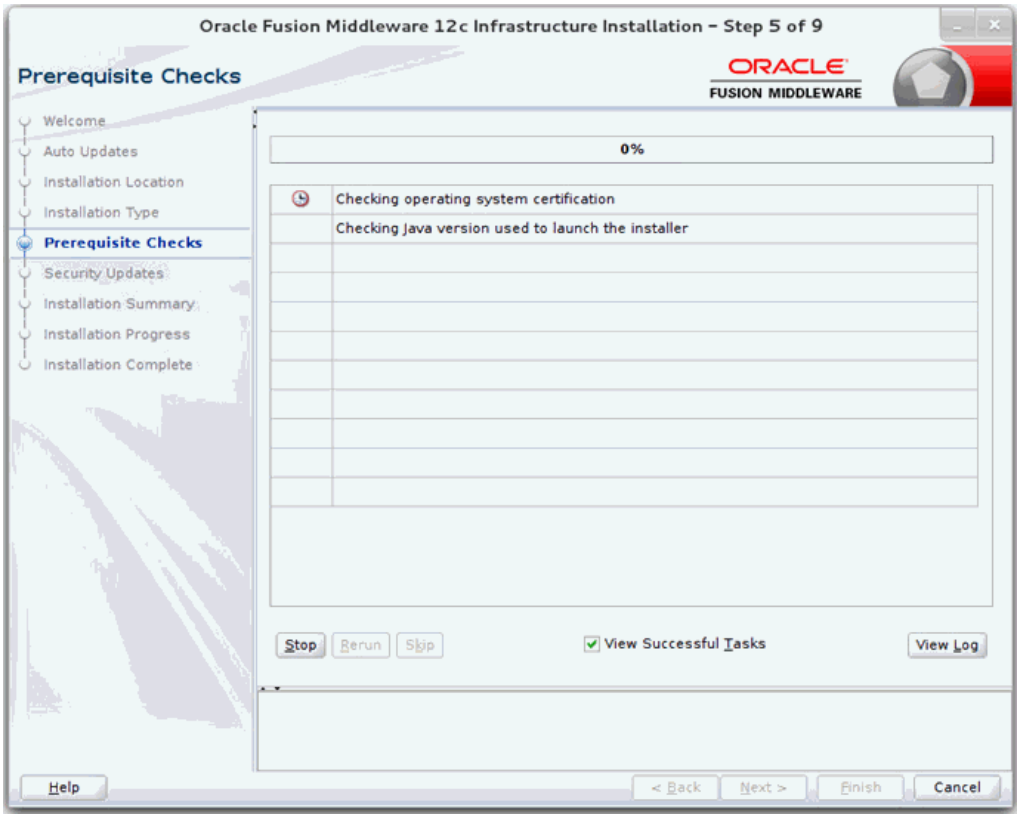
5. Select appropriate radio button and click **Next**. The Installation Location window displays.



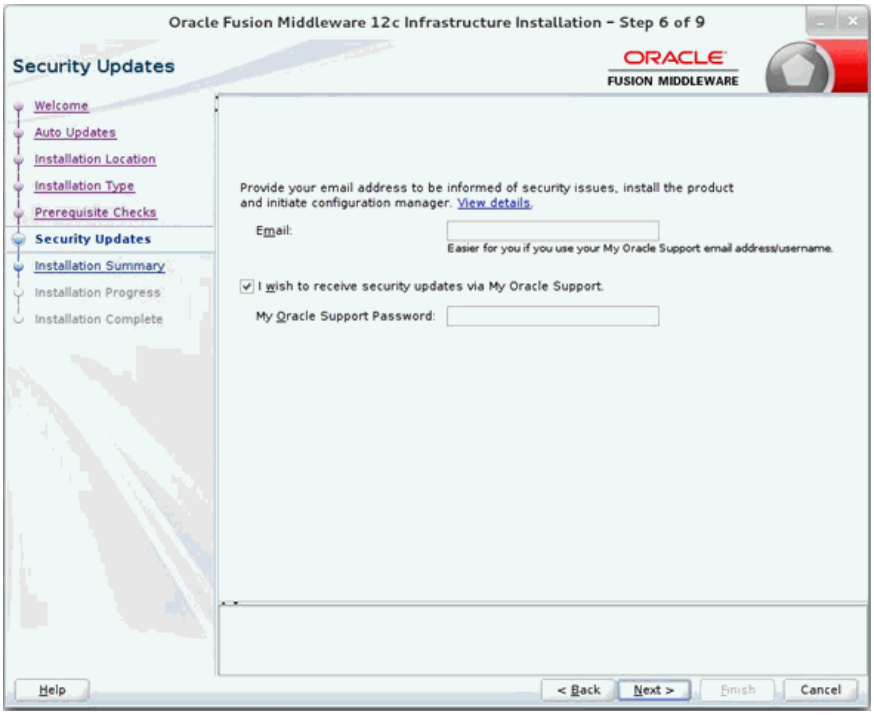
6. Click **Browse** to select the Oracle Home location where the Weblogic server is to be installed. Click **Next**. The Installation Type window displays.



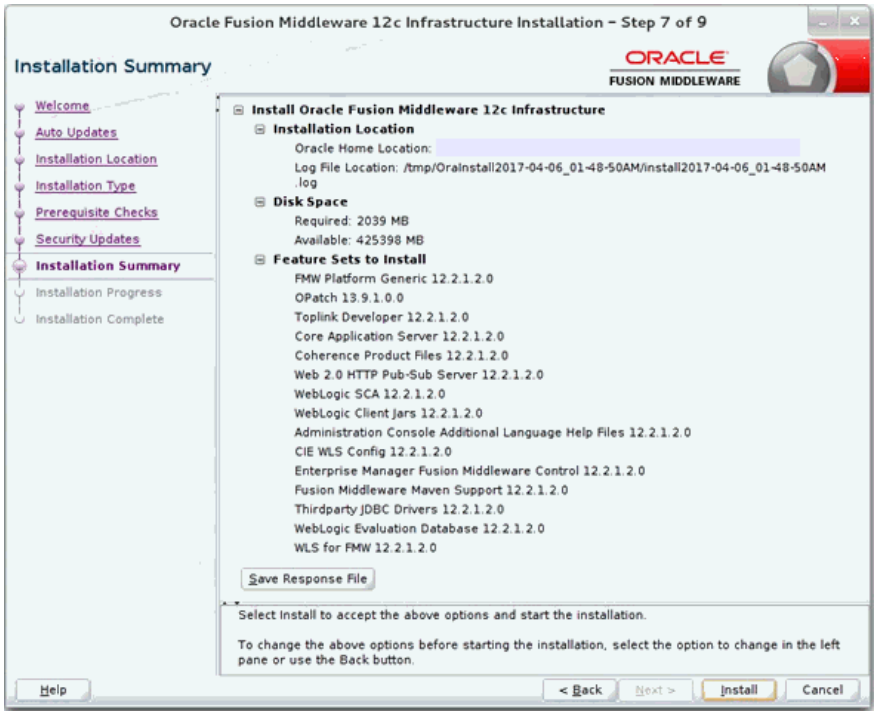
7. Select Fusion Middleware Infrastructure and click **Next**. The installer performs the pre-requisite checks and ensures all required conditions are satisfied.



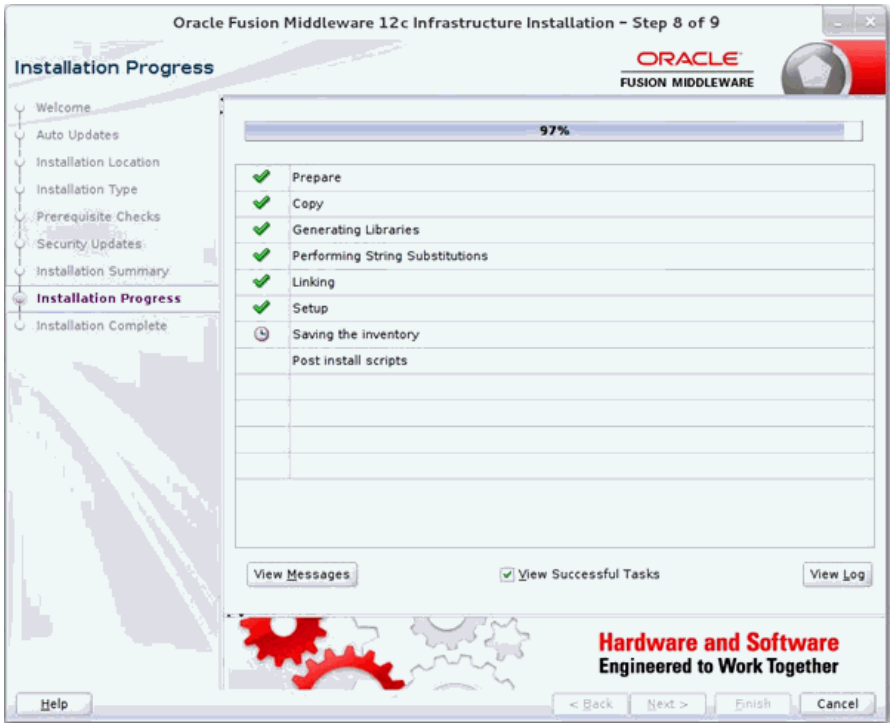
8. When the pre-requisite check completes successfully, click **Next**. The Security Updates window displays.



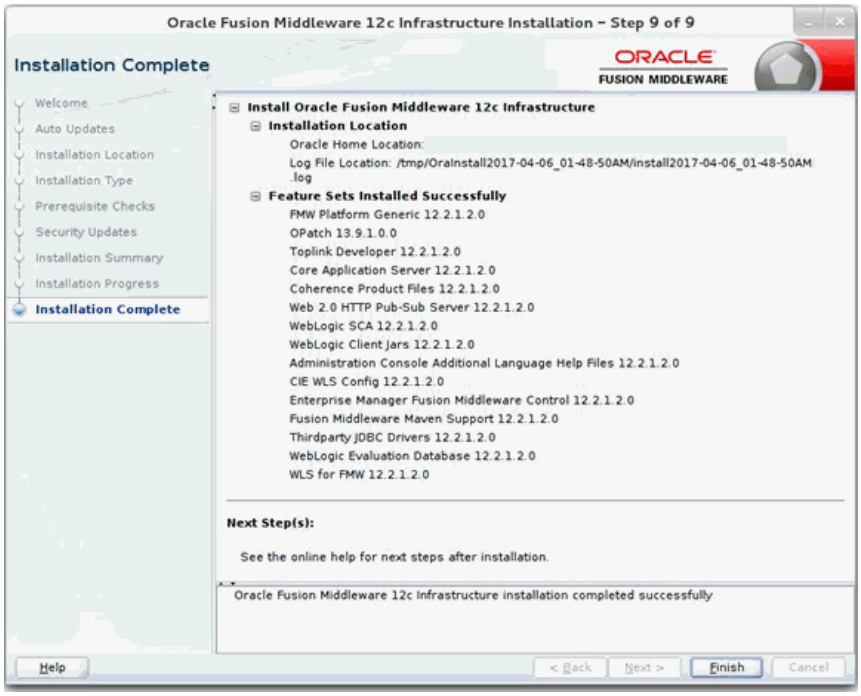
9. Prove the information and click **Next**. The Installation Summary window displays.



10. Click **Install**. The Installation Progress window displays.



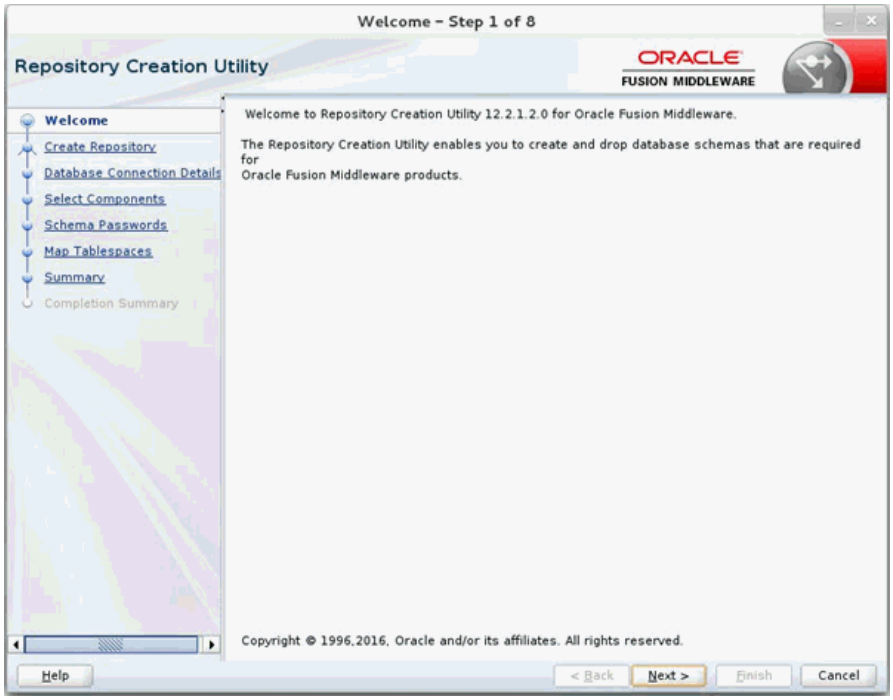
11. Click **Next** when the installation completes. The Installation Complete window displays.



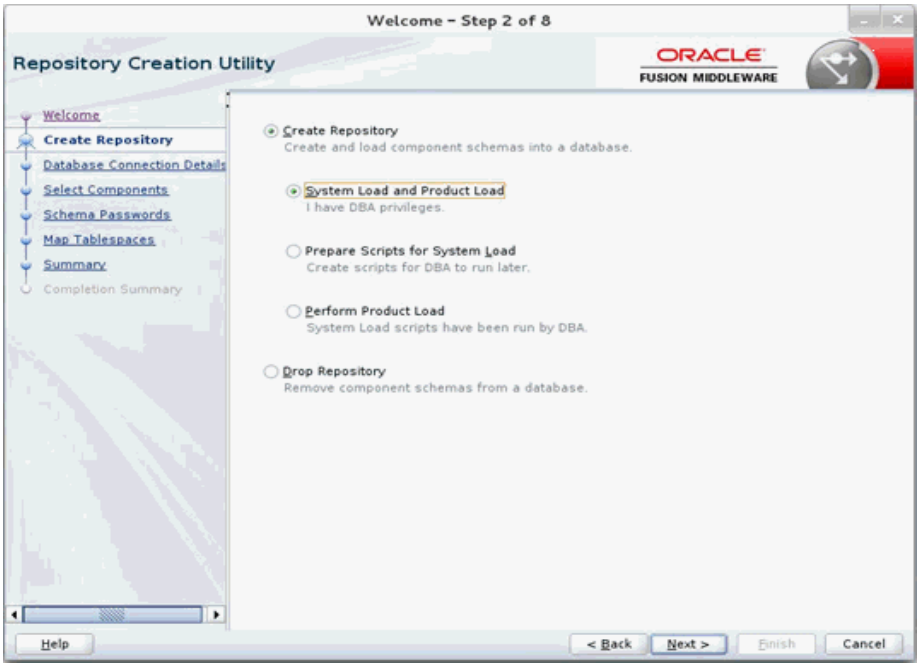
Creating Required RCU Schema Using the Repository Creation Utility

To create a schema user for the domain, take the following steps:

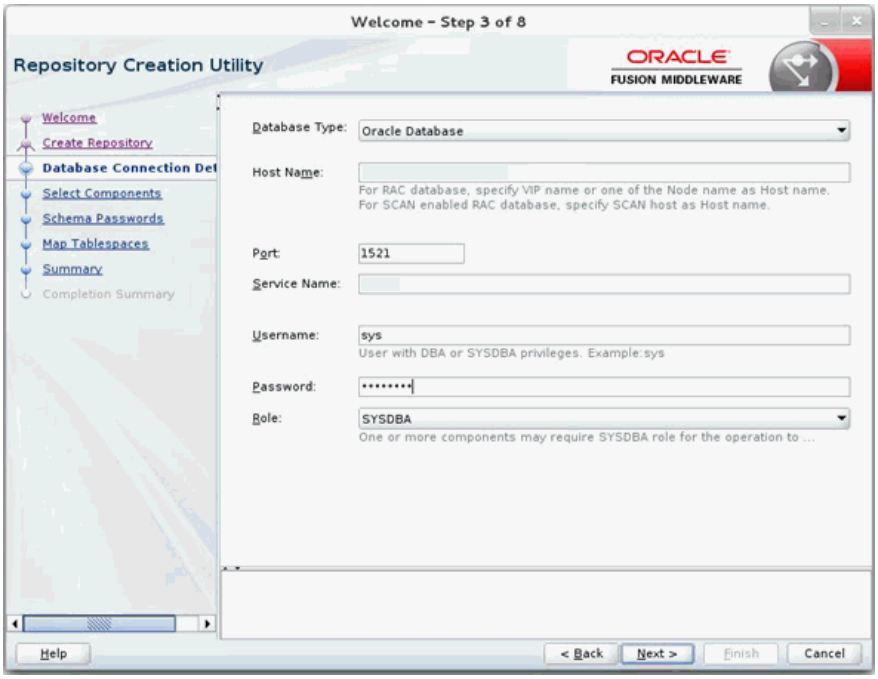
1. Run the RCU from the <MW_HOME>/oracle_common/bin folder. The Welcome window displays.



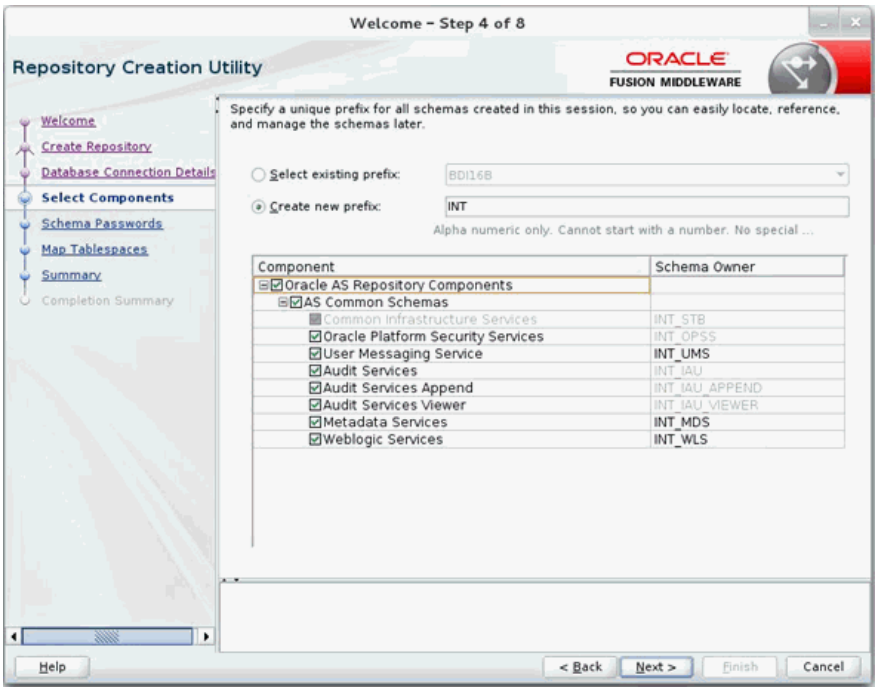
2. Click **Next** and select the Create Repository option.



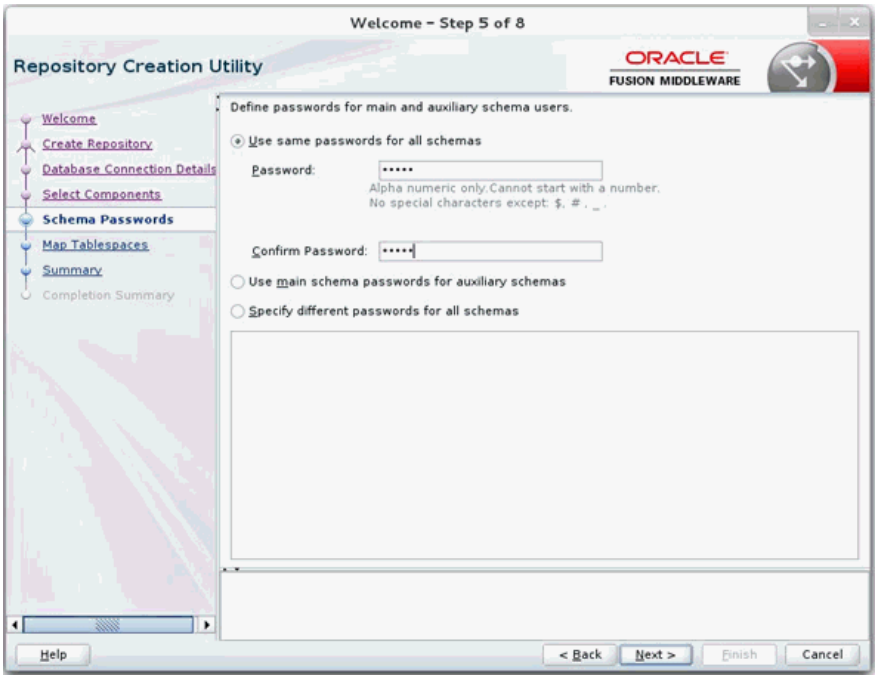
3. Click **Next**. Enter the database credentials where the schema user has to be created.



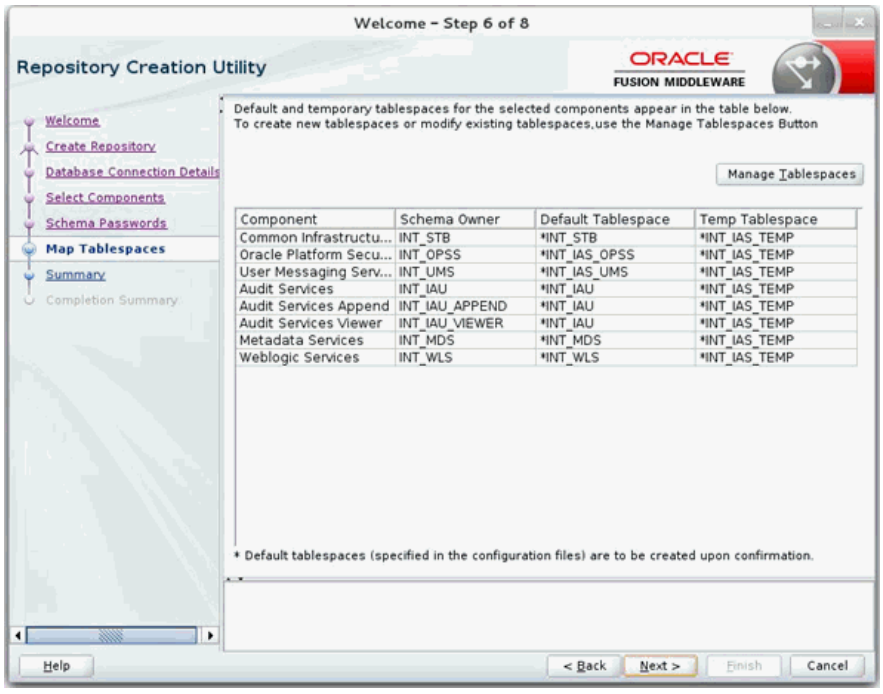
4. Click **Next**. Specify the prefix to be used for the schema user creation. For example, INT. Select Metadata Services, Weblogic Services, and Oracle Platform Security Services.



5. Click **Next**. Specify the password.

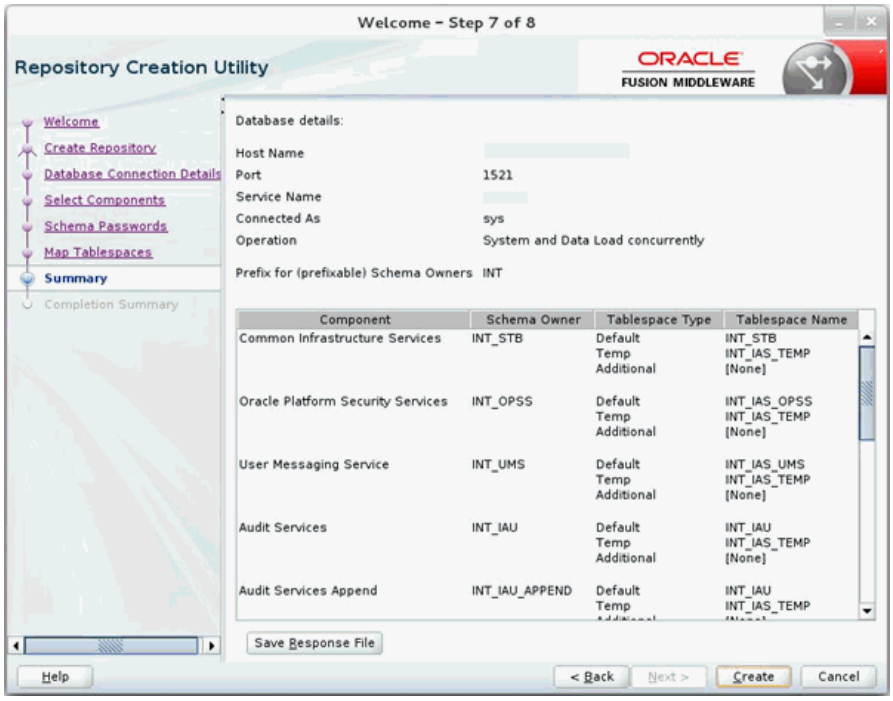


6. Click **Next**. The window provides the details of tablespaces created as part of schema creation.

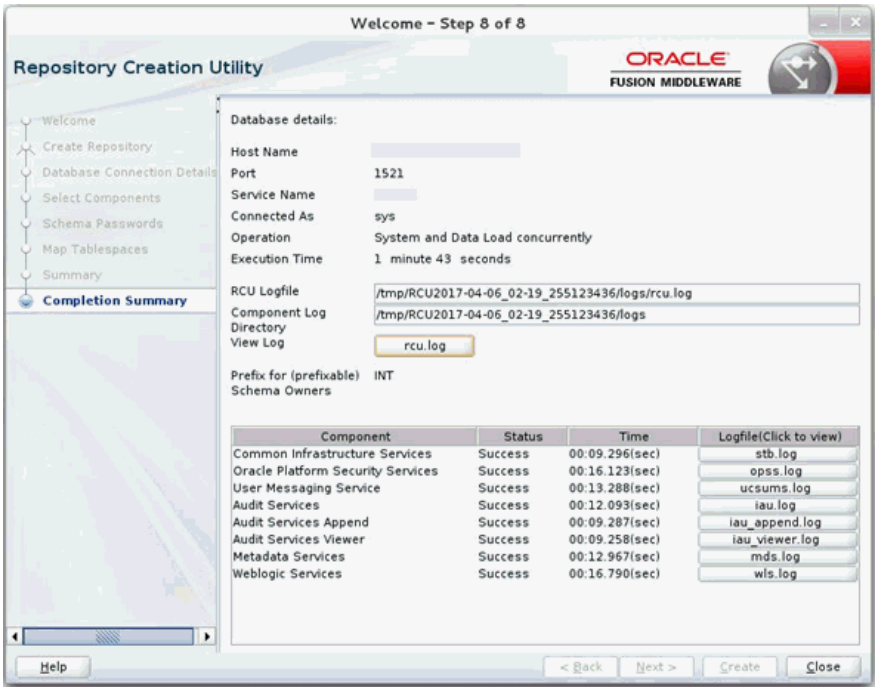


7. Click **Next**. The Confirmation window displays.

8. Click **OK**. The Summary window displays.



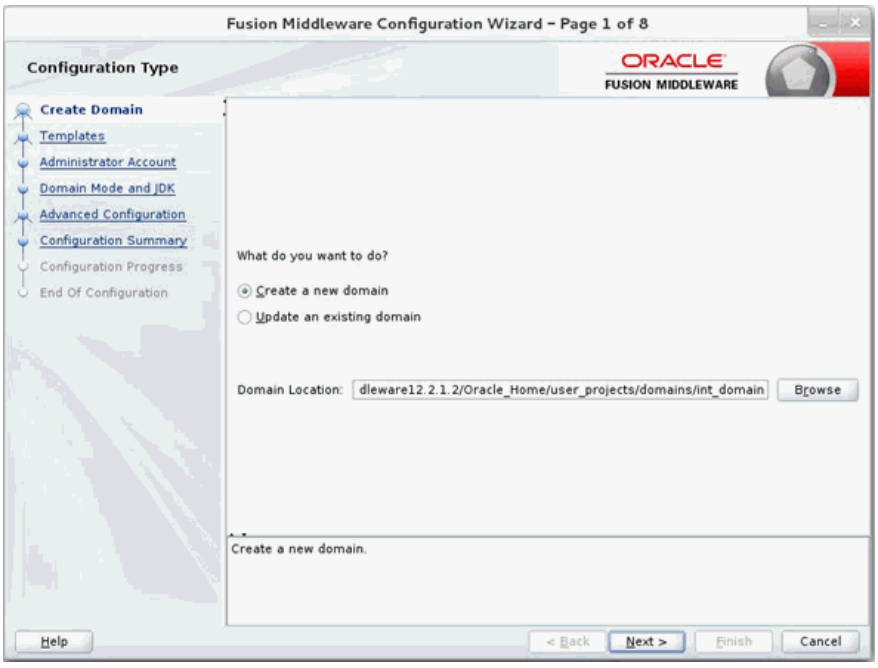
9. Click **Create** and proceed to create the schema. This could take a while to complete. The Completion Summary window displays.



Creating a WebLogic Domain with JRF

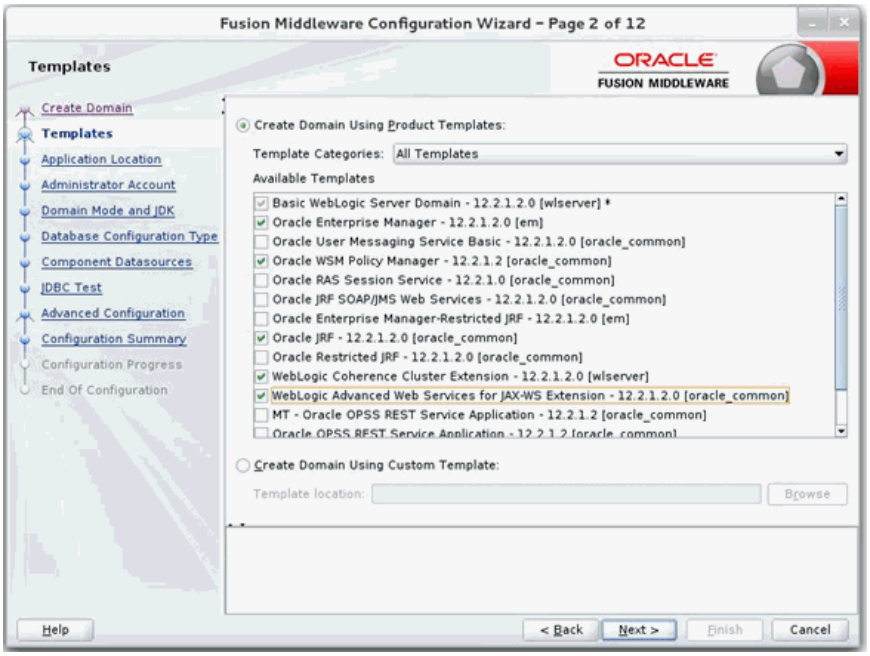
To create a new WebLogic domain with JRF, take the following steps:

1. Run the config.sh from <ORACLE_HOME>/oracle_common/common/bin folder. The Configuration Type window displays.

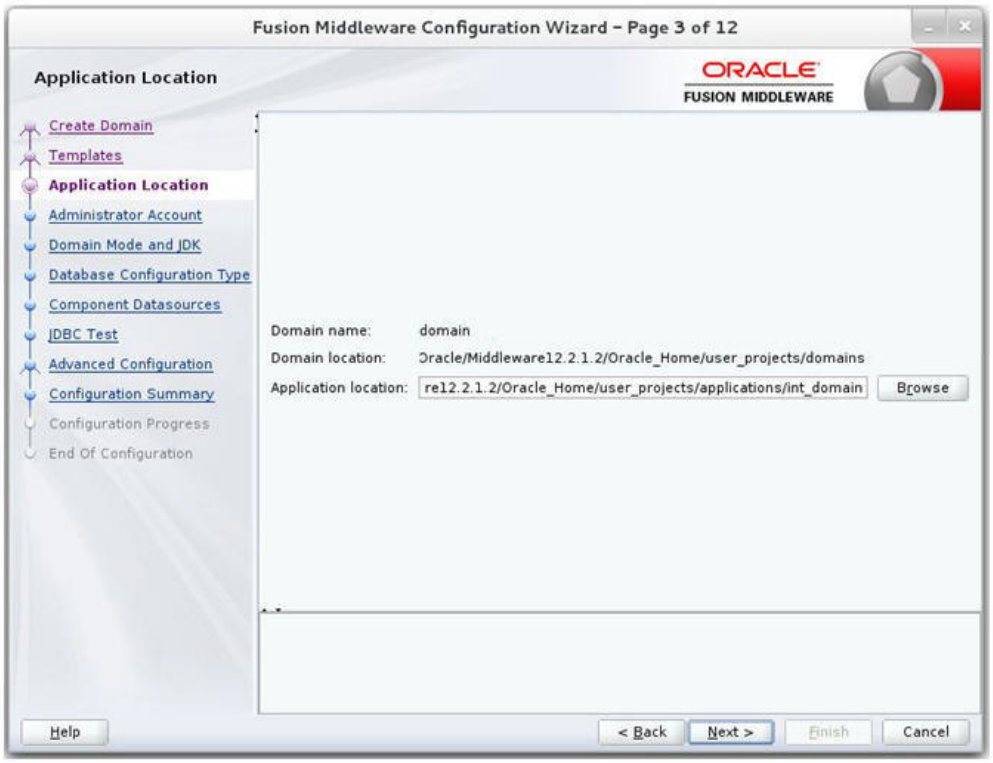


2. Select **Create a new domain**, provide domain location, and click **Next**. The Templates window displays. By default, the Basic WebLogic Server Domain - 12.2.1.2 [wlserver] checkbox is selected. Select the Oracle JRF - 12.2.1.2 [oracle_common], Oracle Enterprise Manager [em], Oracle WSM Policy Manager - 12.2.1.2

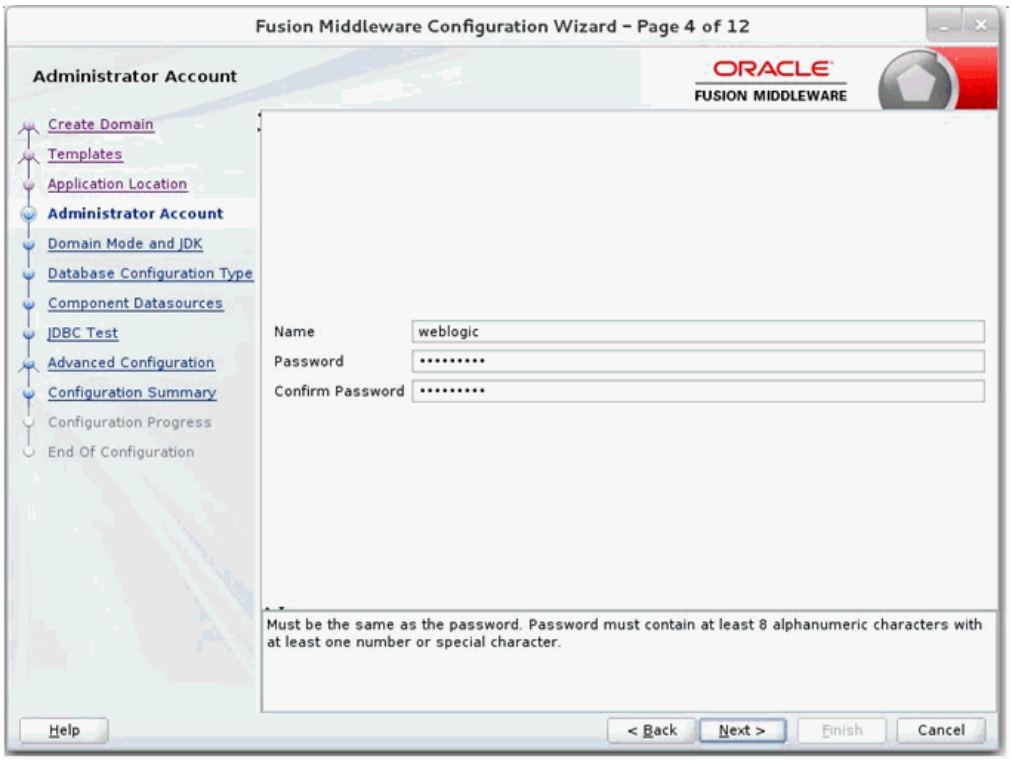
[oracle_common], and Weblogic Advanced WebServices for JAX-WS Extension [oracle_common] check boxes.



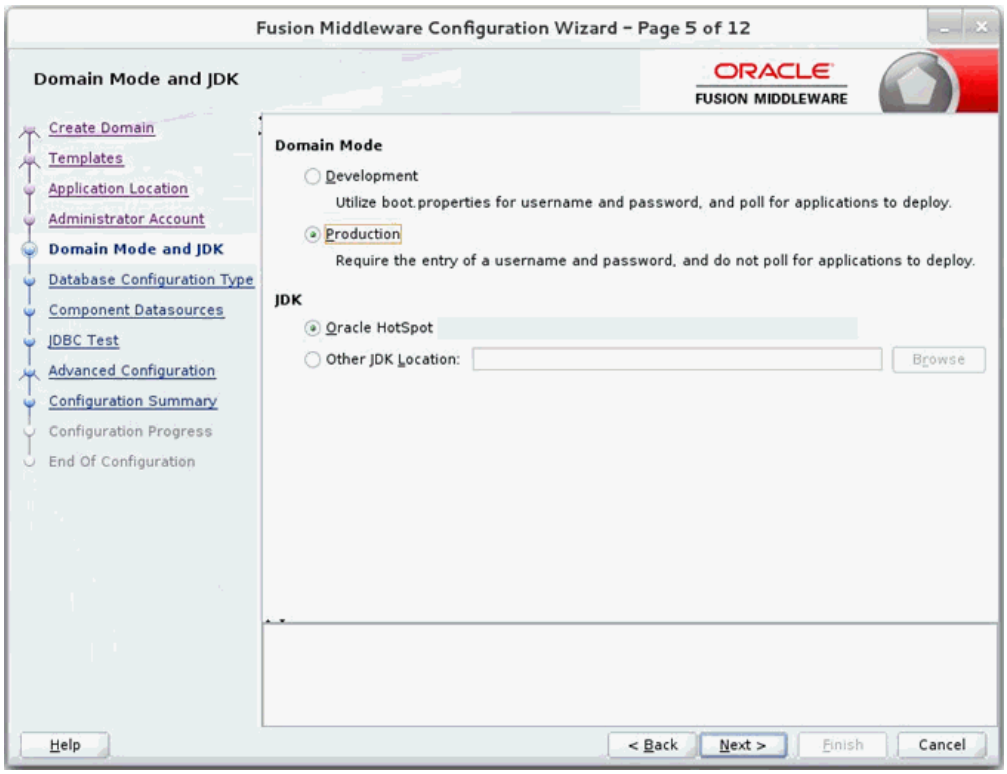
3. Click **Next**. The Application location window displays, provide the application location.



4. Click **Next**. The Administrator Account window displays. Enter the user credentials you want to use to log in to the WebLogic Administration Console.



5. Click **Next**. The Domain Mode and JDK window displays. Set the Domain Mode as Production and select the JDK version (JDK 1.8 with the latest security updates) you want to use.



6. Click **Next**. The Database Configuration Type window displays.

a. Select RCU Data radio button.

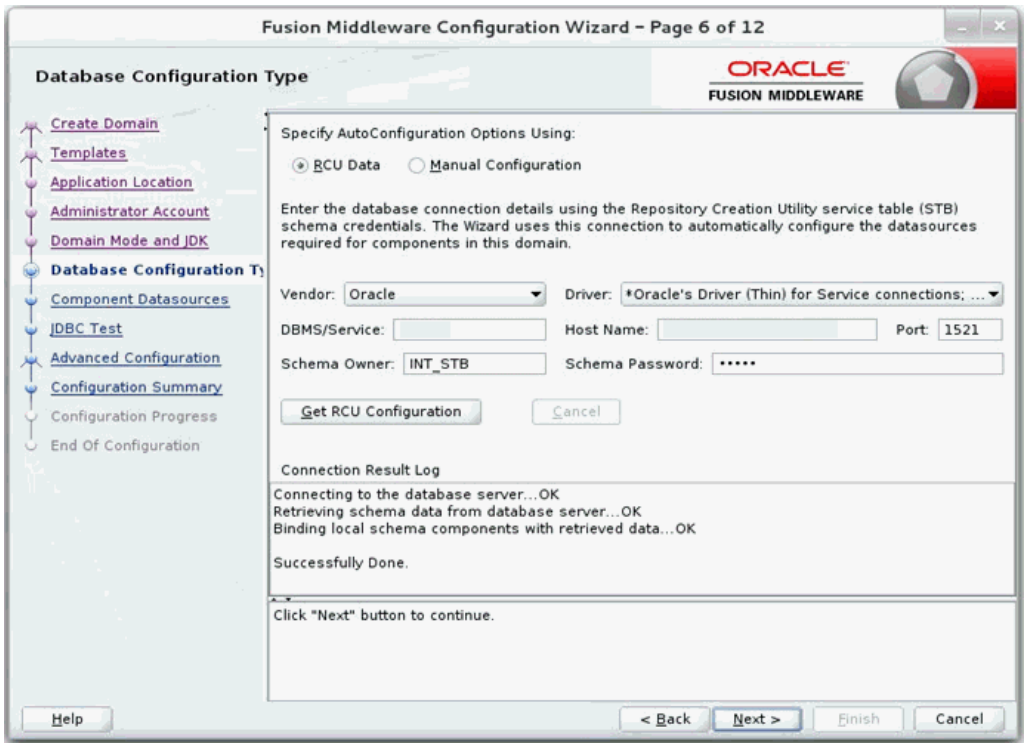
b. Select Oracle as the Vendor.

c. Select Oracle's Driver (Thin) for Service connections; Version 9.0.1 and later as the Driver.

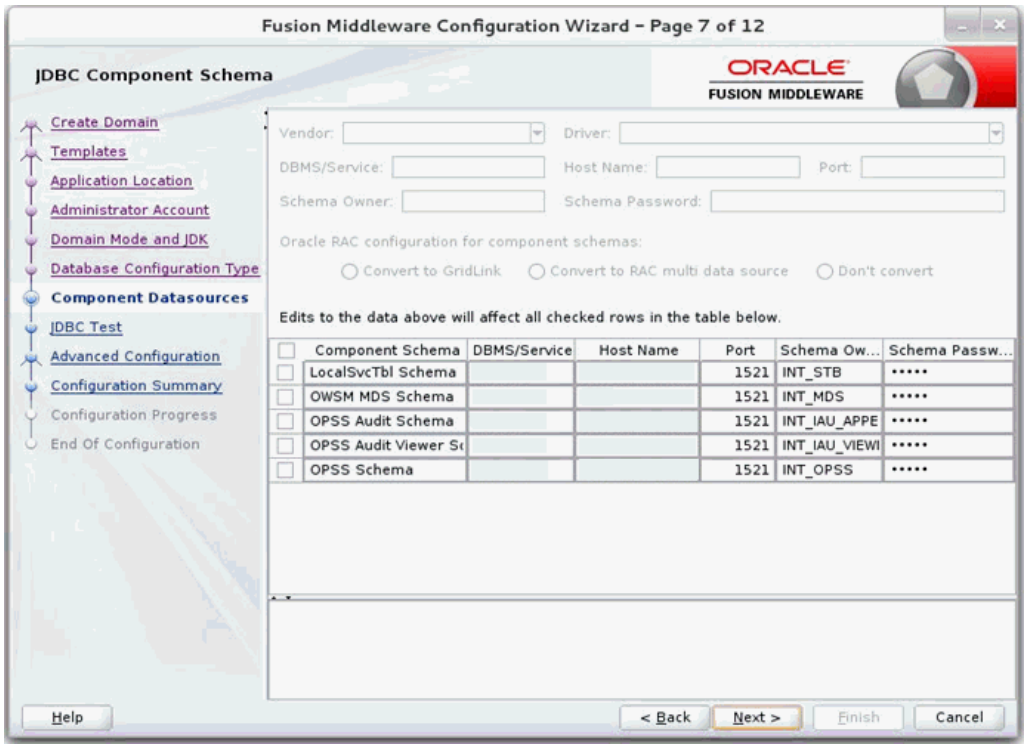
d. Enter the Service, Host Name, Port, Schema Owner, and Schema Password for *_STB schema created using RCU.

e. Click Get RCU Configuration.

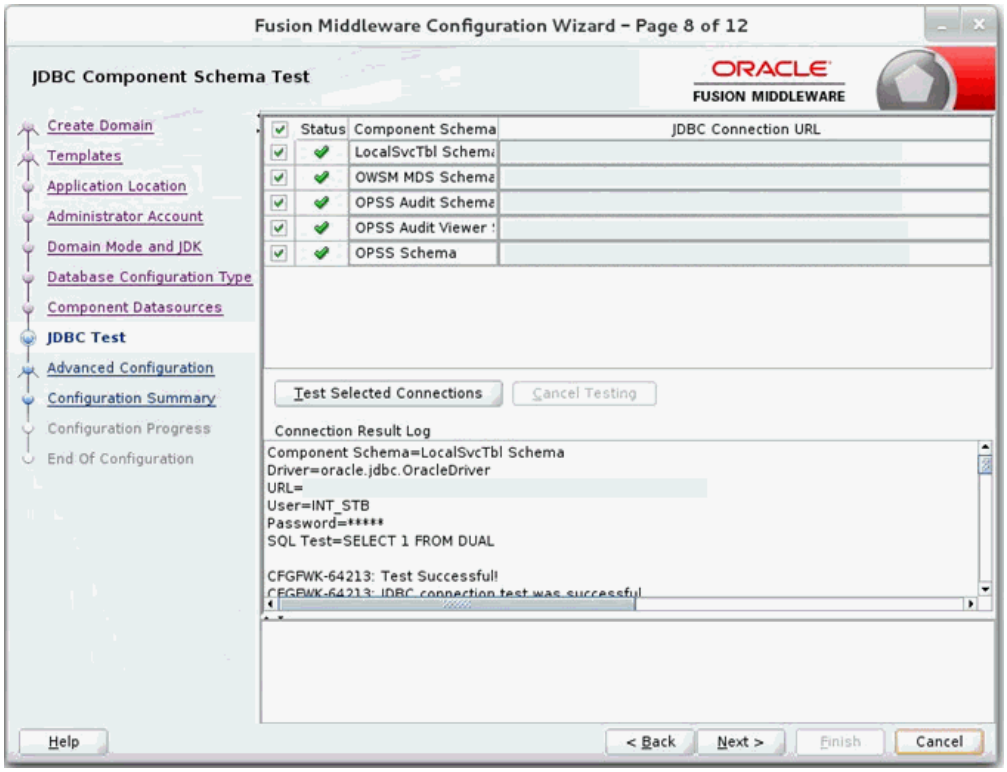
The Connection Result Log displays the connection status.



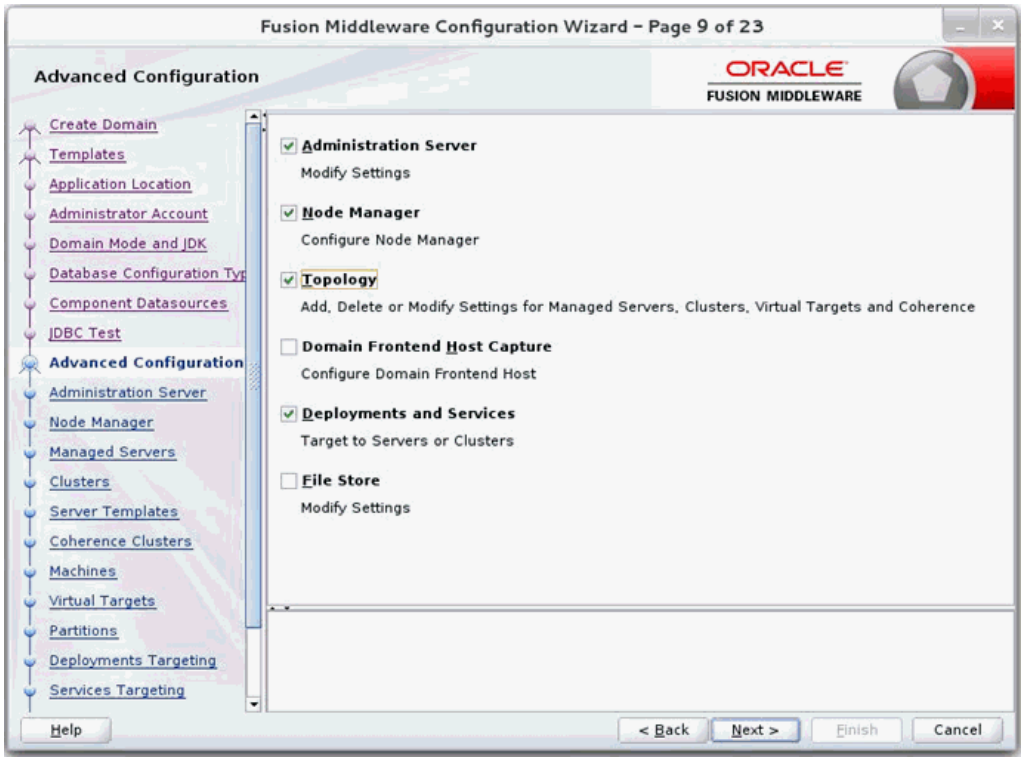
7. Click **Next.** The JDBC Component Schema window displays.



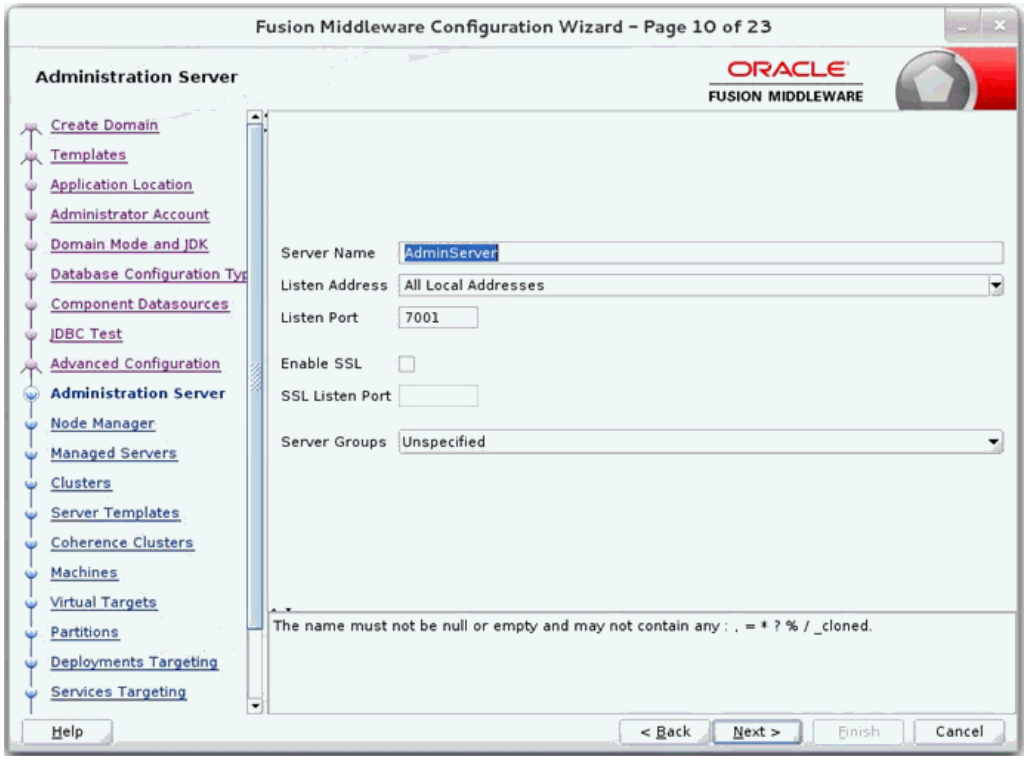
8. Click **Next**. The JDBC Component Schema Test window displays status on whether the JDBC tests on the schemas were successful.



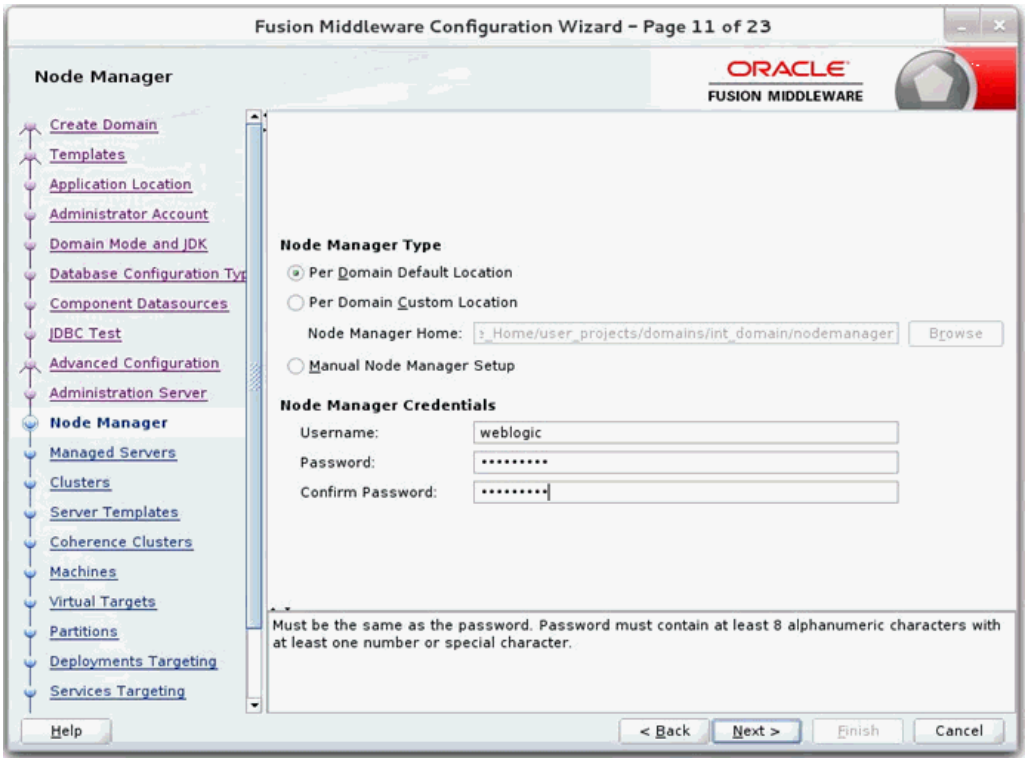
9. Click **Next**. The Advanced Configuration window displays. Select all the checkboxes, except Domain Frontend Host Capture and JMS File Store options, in this window.



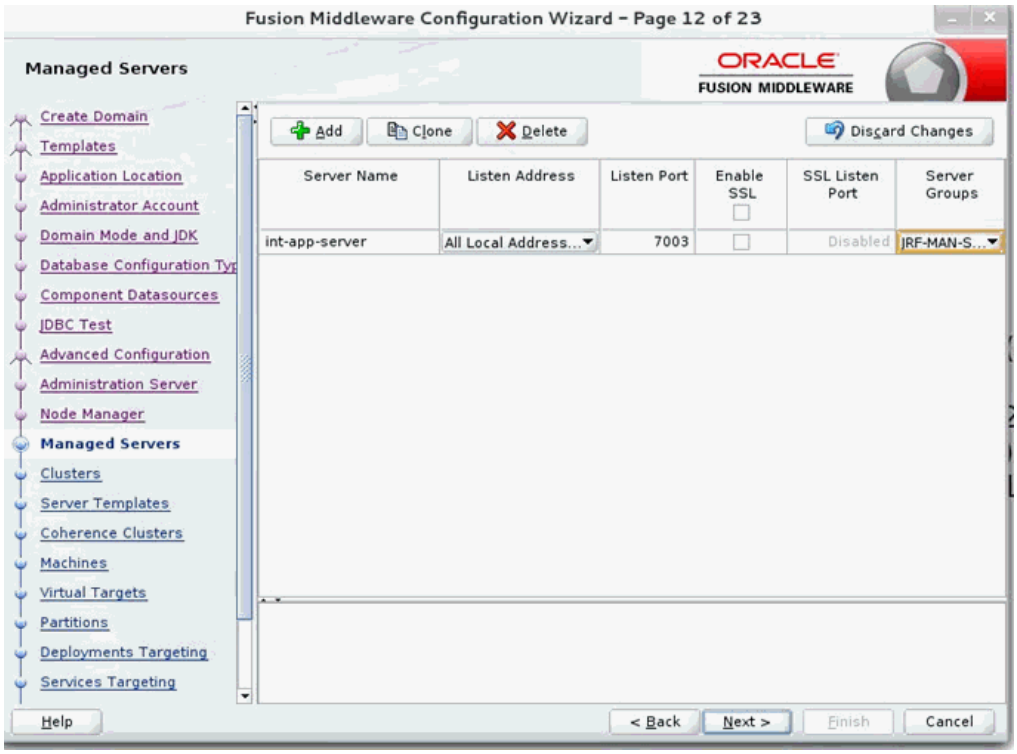
10. Click **Next**. The Administration Server window displays. Enter the Listen Address and the Listen Port details.



11. Click **Next**. The Node Manager window displays. Select the Node Manager Type and enter the Node Manager credentials.

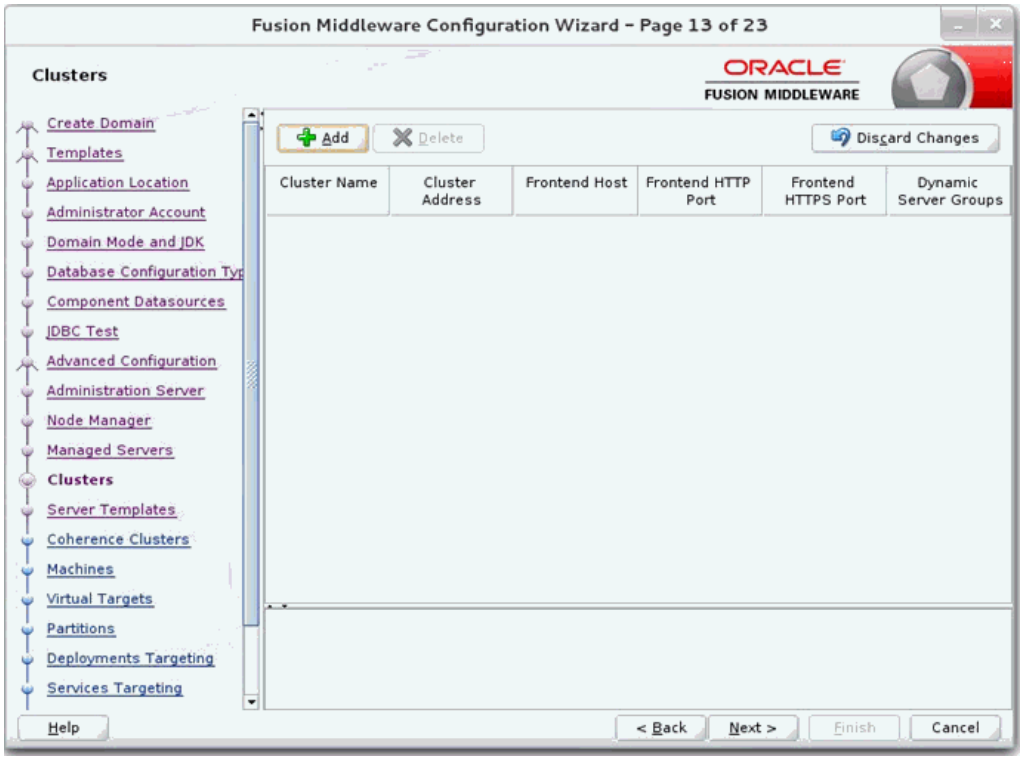


12. Click Next. The Managed Servers window displays.
    a. Click Add to add a managed server on which you will deploy the application.
    b. Enter the Server Name, Listen Address, and Listen Port for the managed server.
    c. Set the Server Groups to JRF-MAN-SVR.



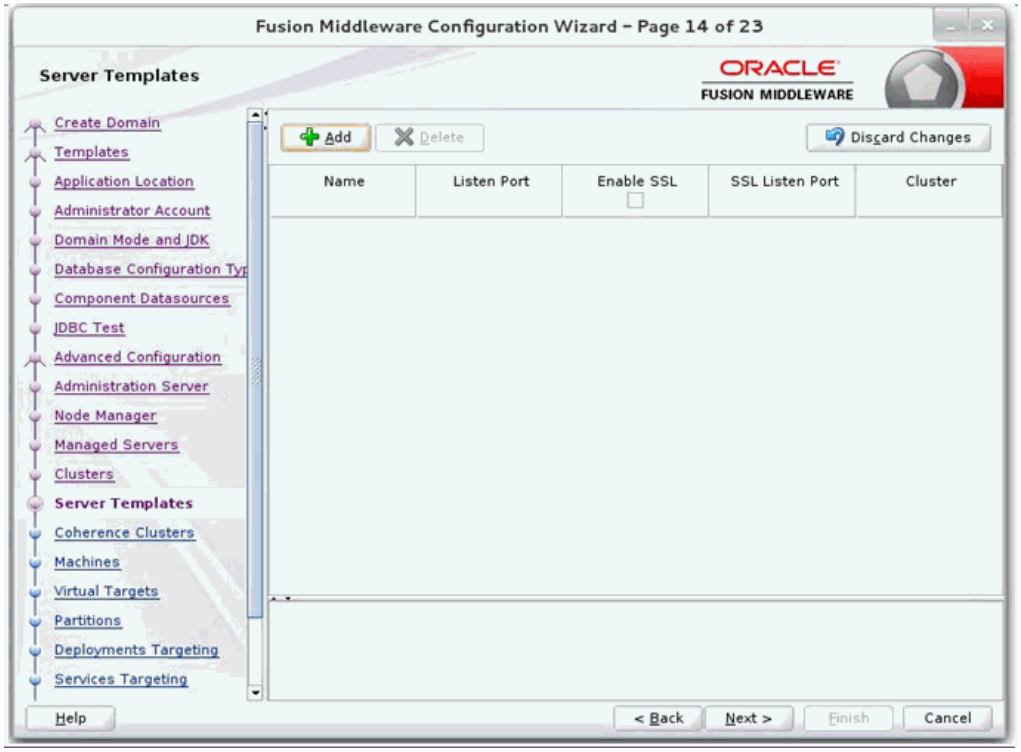
13. Click **Next**. The Clusters window displays.

    a. Click **Add** to add a cluster. This is an optional step in the procedure.



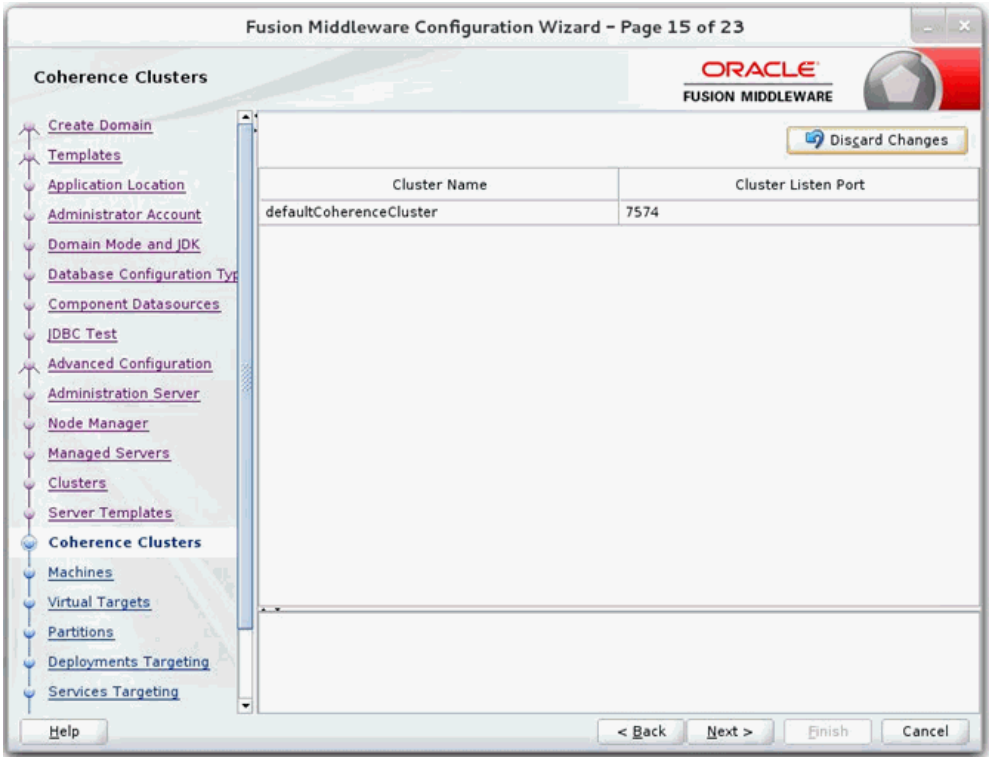
14. Click **Next**. The Server Templates window displays.

    a. Click **Add** to add a server template. This is an optional step in the procedure.



15. Click **Next**. The Coherence Clusters window displays.

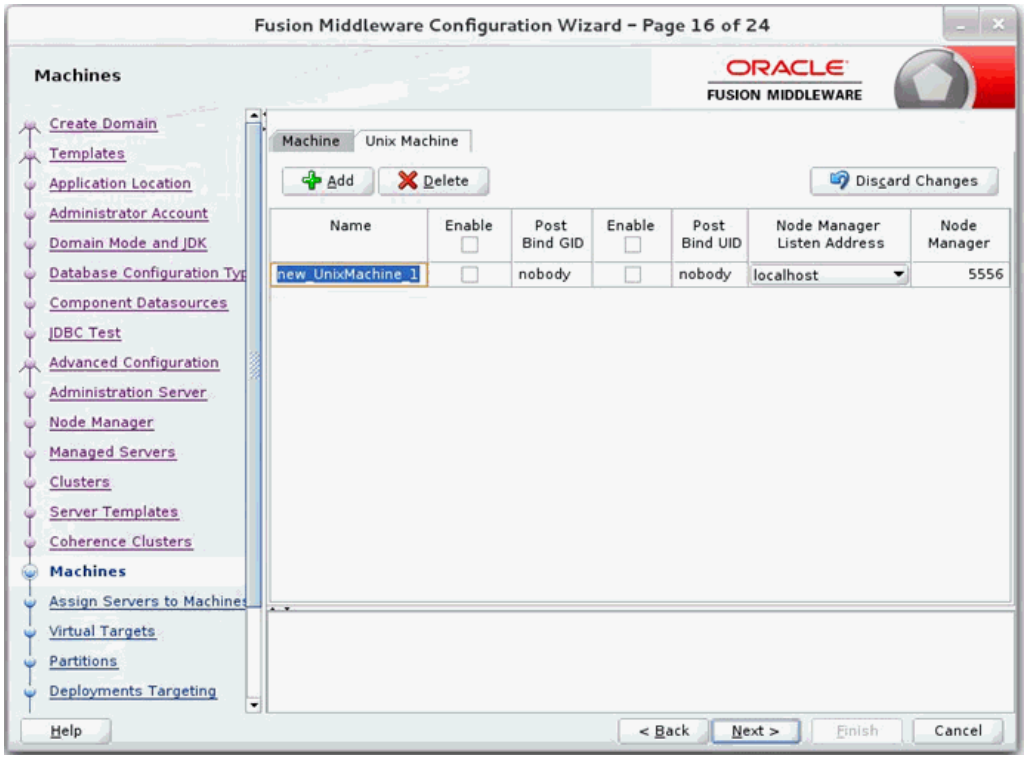
    a. Add a coherence cluster. This is an optional step in the procedure.



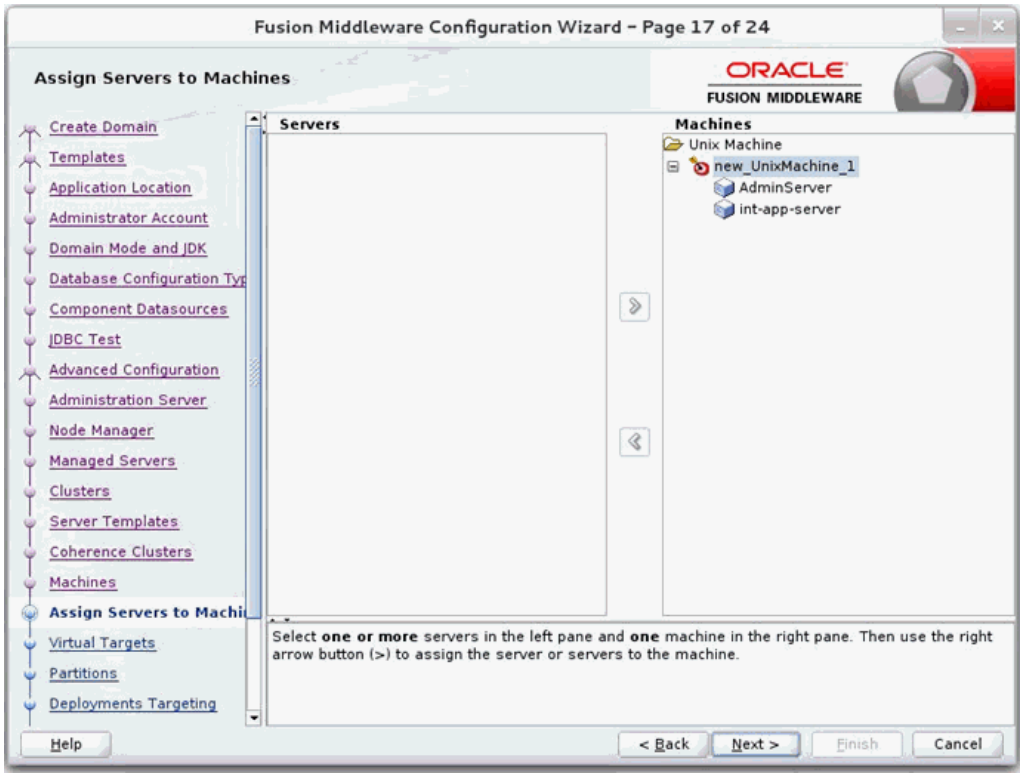
16. Click **Next.** The Machines window displays.

a. Click **Add**.

b. Enter the Name and the Node Manager Listen Address for the managed server.

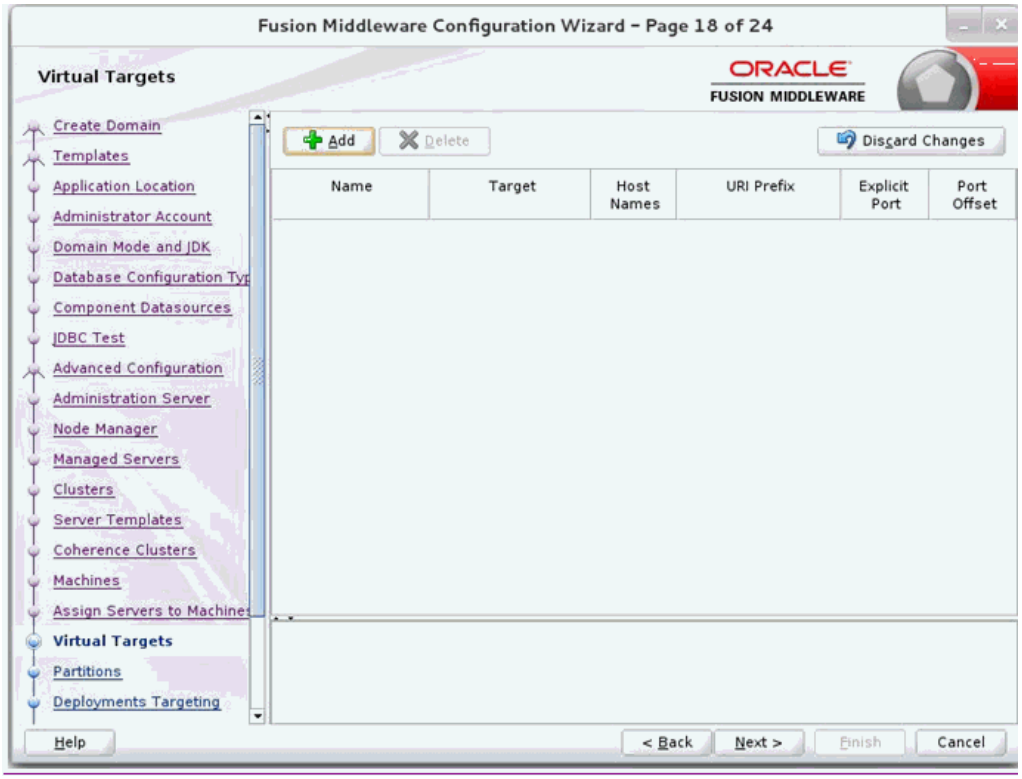


17. Click **Next**. The Assign Servers to Machines window displays. Add the Admin Server and the managed server to the computer.



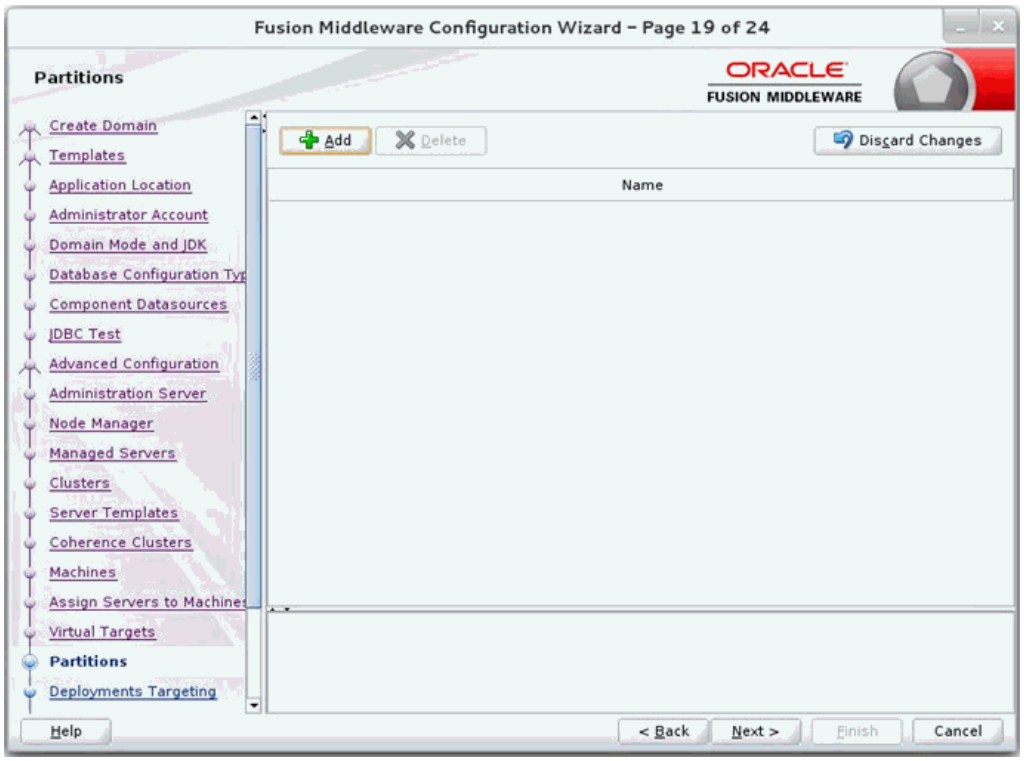
18. Click Next. The Virtual targets window displays.

    a. Click **Add** to add a Virtual target. This is an optional step in the procedure.

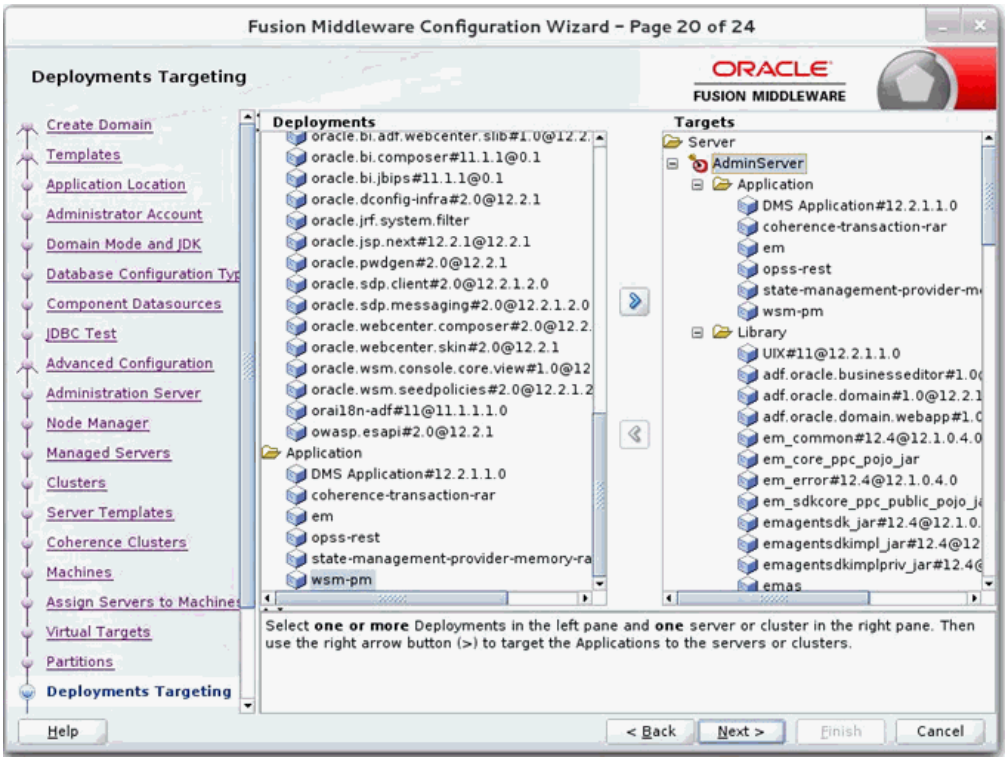


19. Click **Next**. The Partitions window displays.

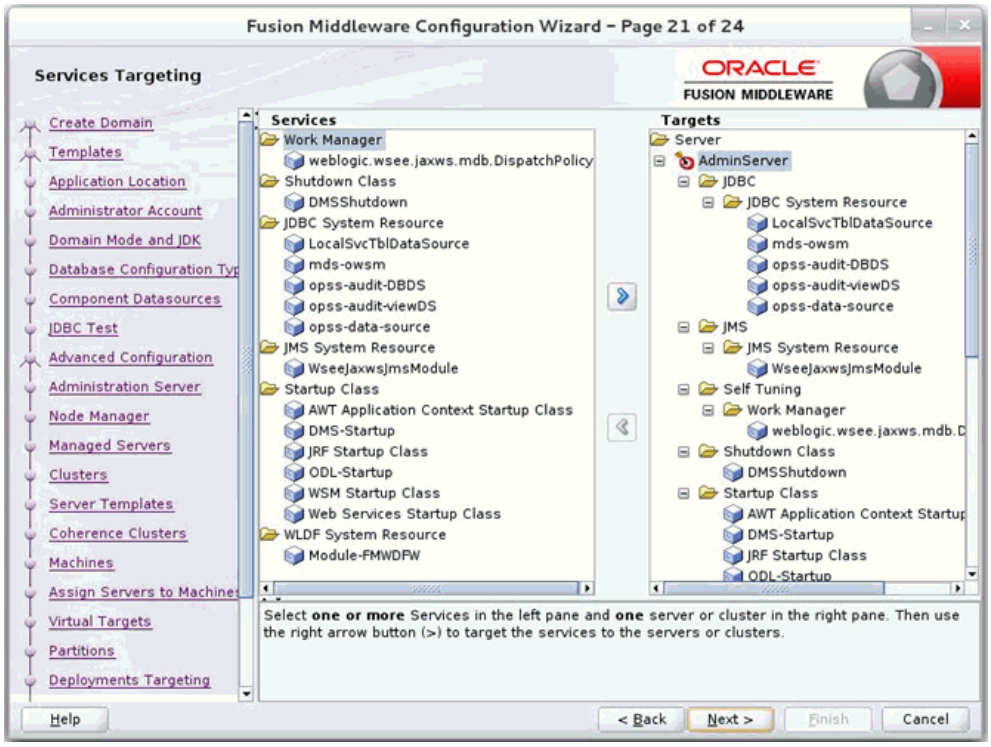
a. Click **Add** to add a Partition. This is an optional step in the procedure.



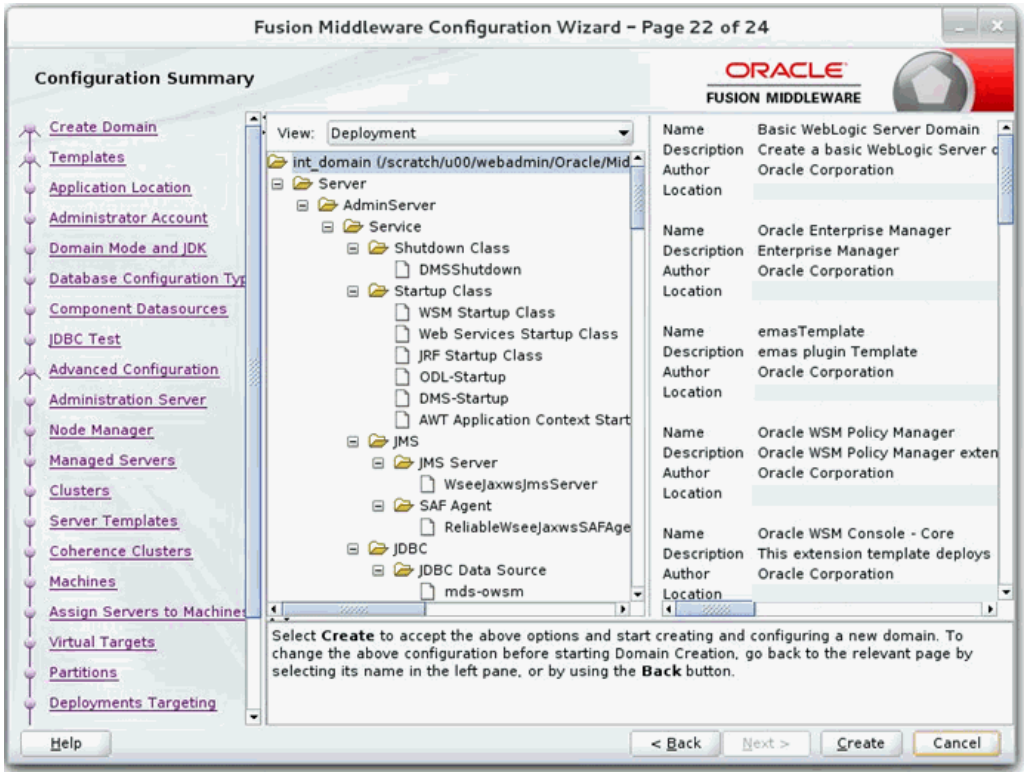
20. Click **Next**. The Deployments Targeting window displays. Select wsm-pm from Deployments and add it to Admin Server in Targets.



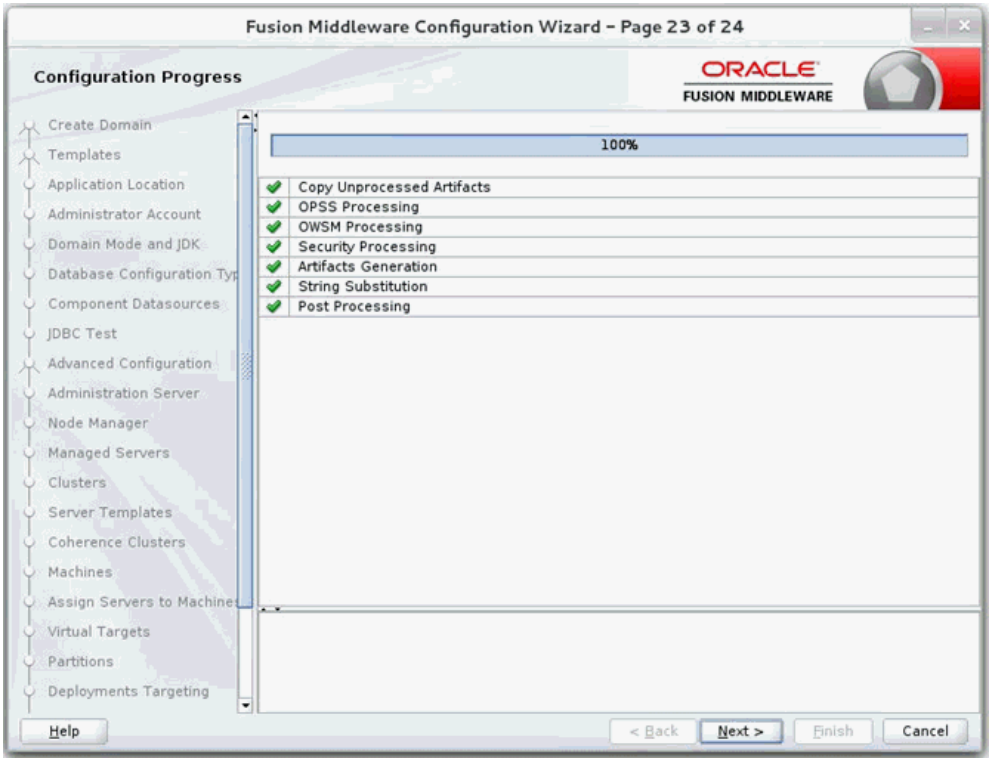
21. Click **Next**. The Services Targeting window displays.



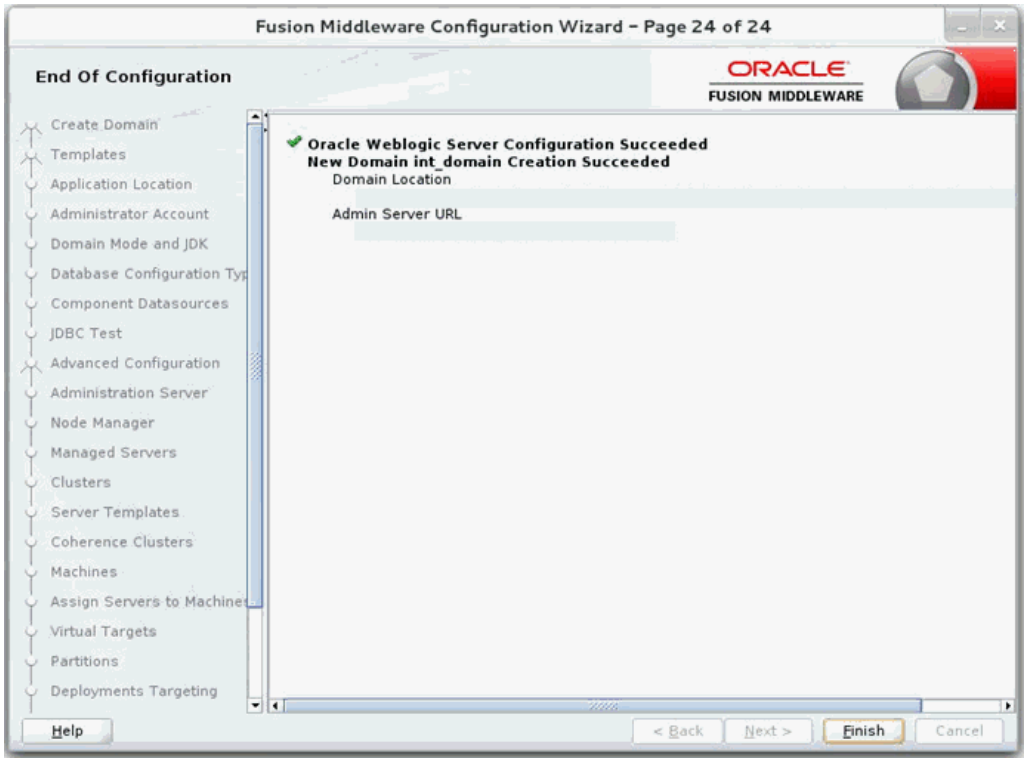
22. Click **Next.** The Configuration Summary window displays. Verify that all information described in this window is accurate.



23. Click **Create**. The Configuration Progress window displays a message when the domain is created successfully.



24. Click **Next.** The Configuration Success window displays that describes the Domain Location and Admin Server URL once the configuration is complete.

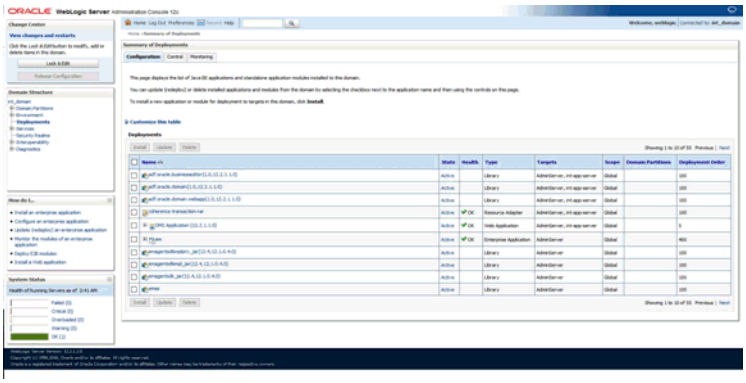


25. Click **Finish** to complete creating the WebLogic domain and managed servers.

Verify Installation of ADF Runtime Libraries

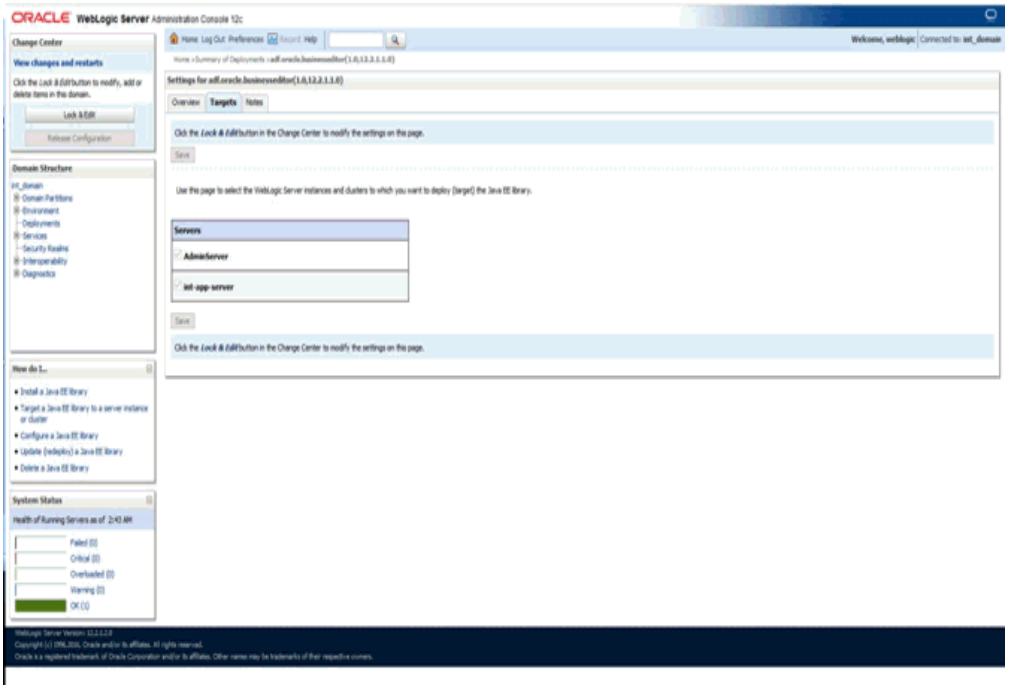
This section describes the steps to verify the installation of ADF runtime libraries.

1. Start the Admin Server in the WebLogic domain and log on to the WebLogic Server Administration console with the admin credentials.



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

3. Click on an ADF library and go to the Targets tab. Verify that the library is targeted to both the Admin Server and the managed server. Verify these details for all the ADF libraries.

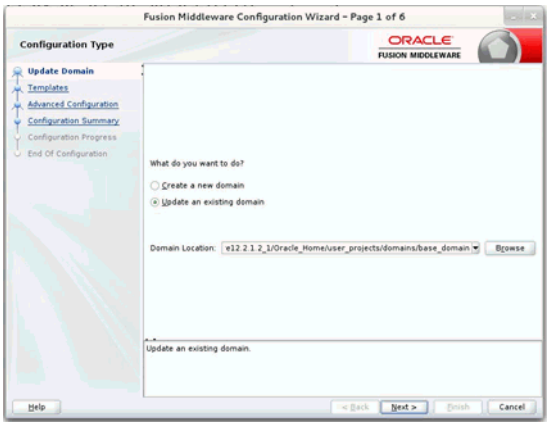


4. Click the **Targets** tab and verify that the created server is selected for that library.

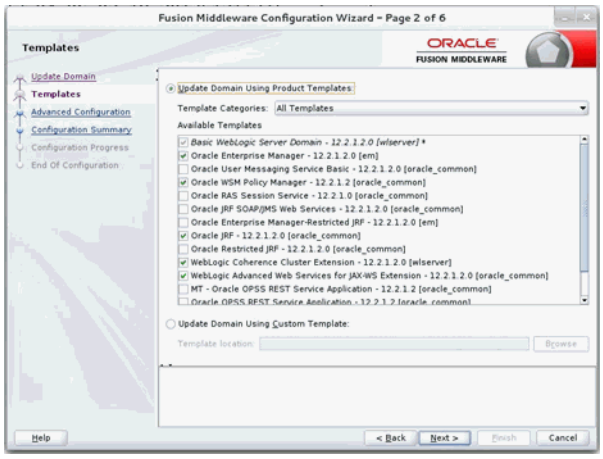
Extending an Existing Domain to Add ADF Run-time Libraries

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

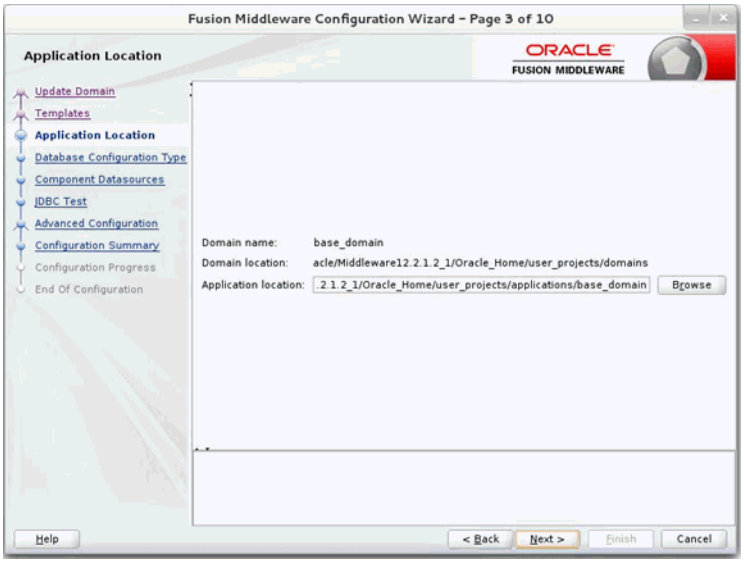
1. Run config.sh from the Oracle_home/oracle_common/common/bin folder. The Configuration Type window displays.



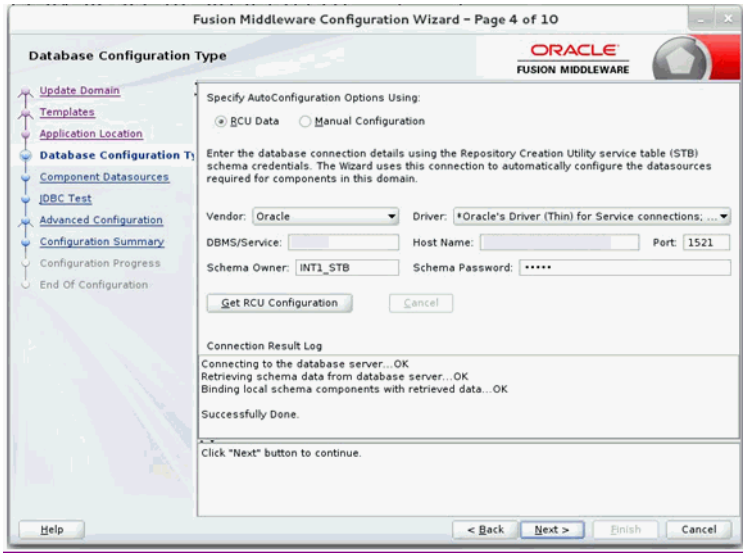
2. Select the Upgrade an existing domain option. Click Browse and choose the location of the domain to be updated with the ADF libraries.



3. Click **Next**. The Templates window displays. Select the Oracle JRF - 12.2.1.2 [oracle_common], WebLogic Coherence Cluster Extension - 12.2.1.2 [wlserver], and Weblogic Advanced WebServices for JAX-WS Extension [oracle_common] checkboxes.



4. Click **Next**. The Application location window displays provide the application location.



5. Click **Next**. The JDBC Component Schema Test window displays which indicates the status of the schema tests.

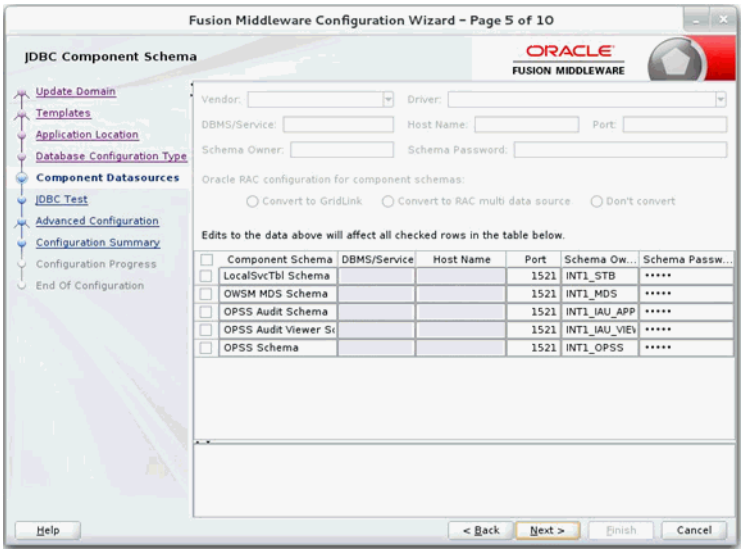
   a. Select the RCU Data radio button.

   b. Select Oracle as the Vendor.

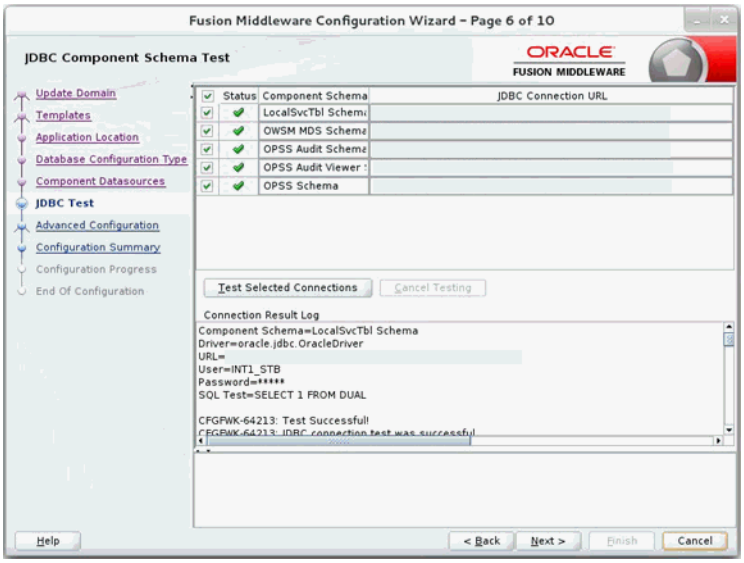
   c. Select Oracle's Driver (Thin) for Service connections; Version 9.0.1 and later as the Driver.

   d. Enter the Service, Host Name, Port, Schema Owner, and Schema Password for the *_STB schema created using the RCU.

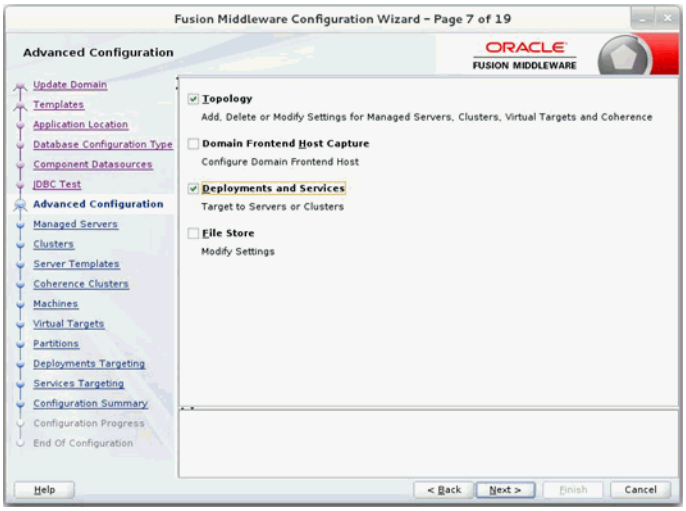
   e. Click Get RCU Configuration. The Connection Result Log displays the connection status.



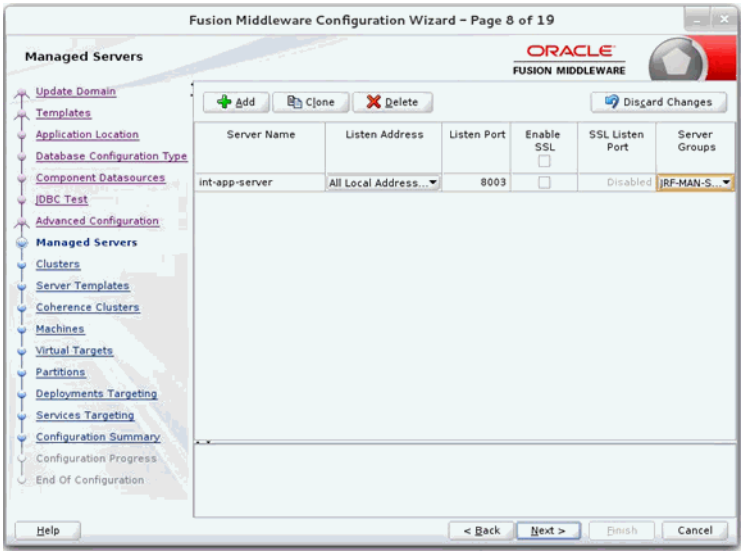
6. Click **Next**. The JDBC Component Schema window displays.



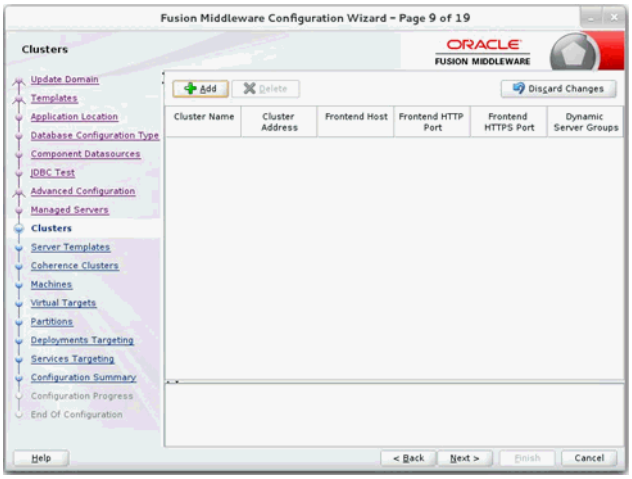
7. Click **Next**. The JDBC Component Schema Test window displays which indicates the status of the schema tests.



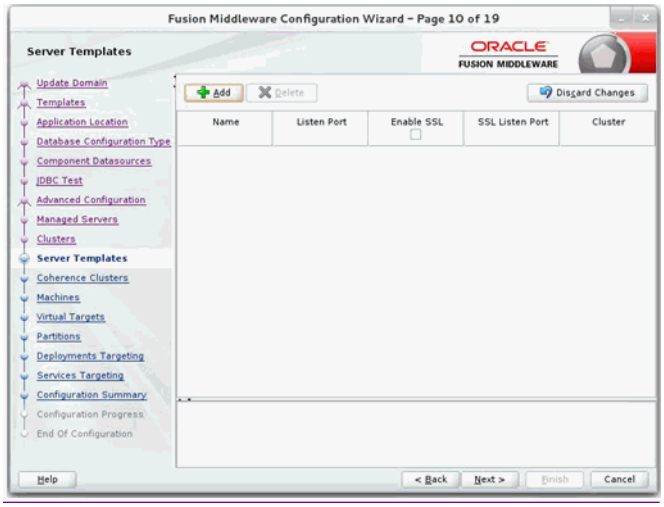
8. Click **Next**. The Advanced Configuration window displays. Select the Managed Servers, Clusters and Coherence, and the Deployments and Services check boxes.



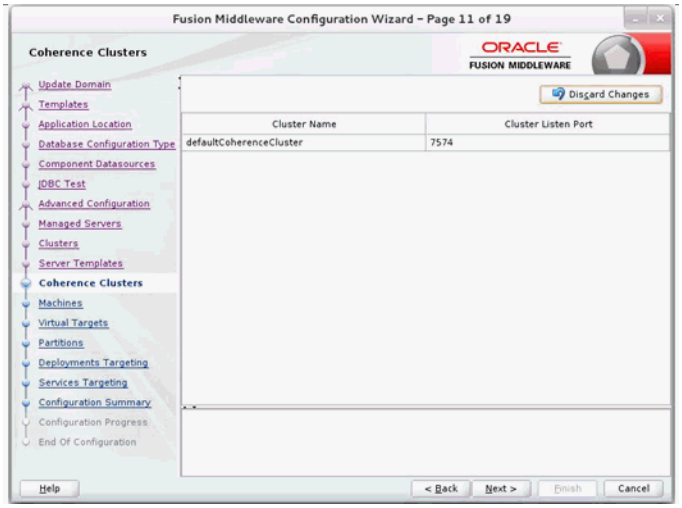
9. Click Next. The Managed Servers window displays.
   a. Click Add to add a managed server.
   b. Enter the Server Name, Listen Address, and the Listen Port for the managed server.
   c. Set the Server Groups to JRF-MAN-SVR.



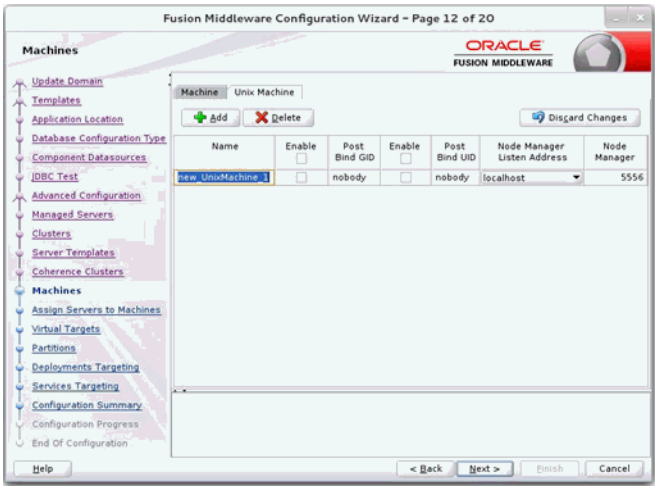
10. Click **Next**. The Server templates window displays. Click Add to add a server template. This is an optional step in the procedure.



11. Click **Next**. The Clusters window displays. Click Add to add a cluster. This is an optional step in the procedure.



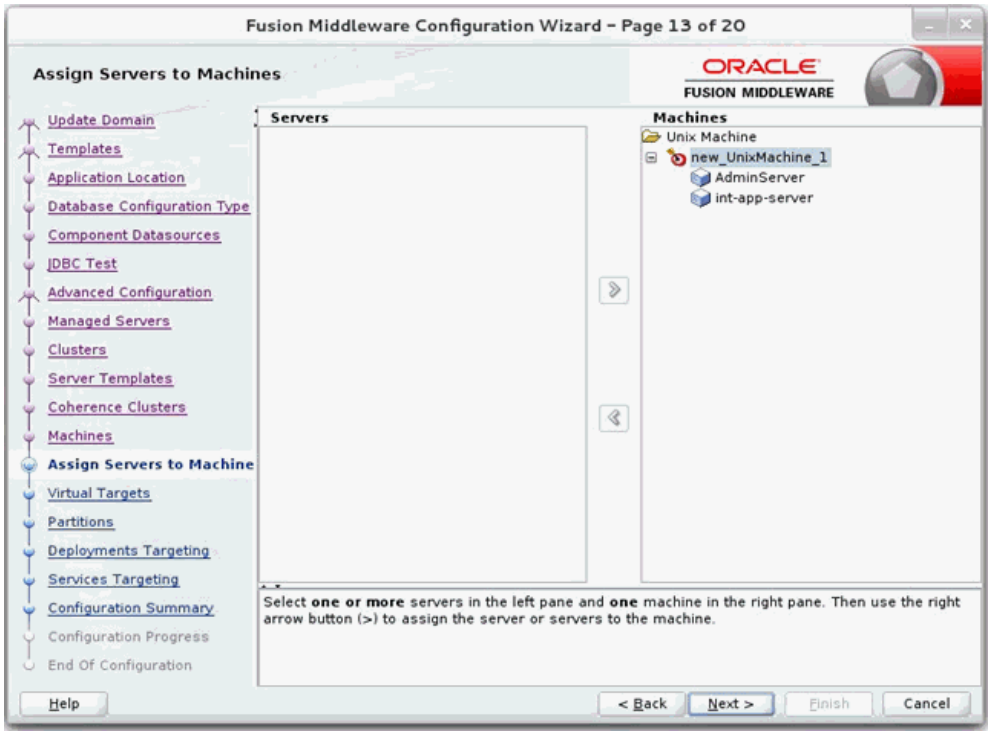
12. Click **Next**. The Coherence Clusters window displays. Add a coherence cluster. This is an optional step in the procedure.



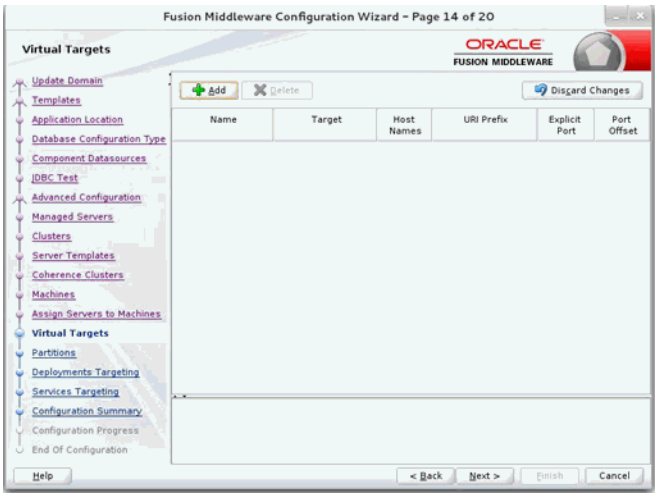
13. Click **Next**. The Machines window displays.

    a. Click Add to add a computer.

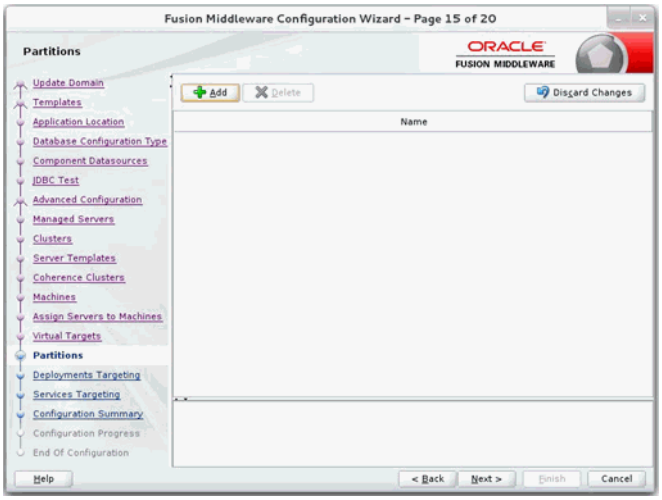
    b. Enter the Name and the Node Manager Listen Address.



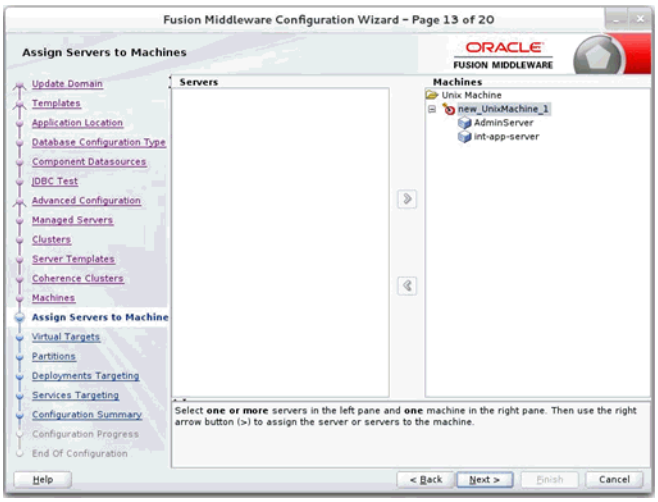
14. Click **Next**. The Virtual targets window displays. Click Add to add a virtual target. This is an optional step in the procedure.



15. Click **Next**. The Partitions window displays. Click Add to add a Partition. This is an optional step in the procedure.

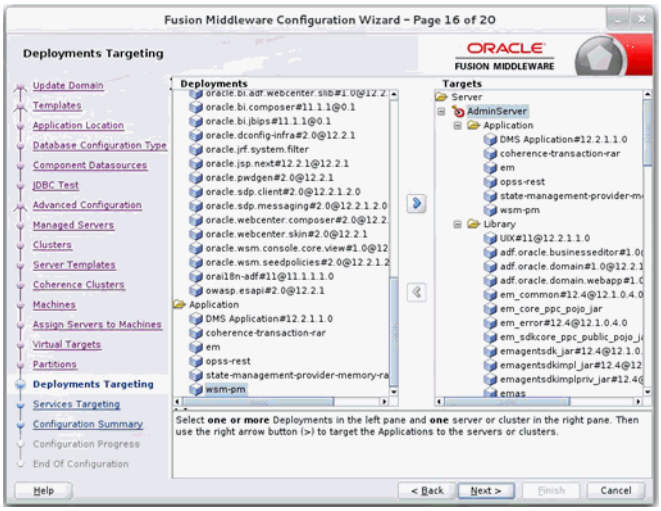


16. Click **Next**. The Assign Servers to Machines window displays. Add both the Admin Server and the managed server to the computer.

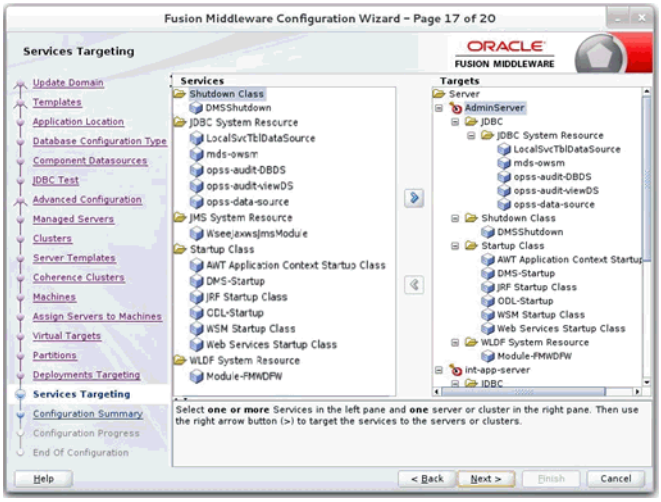


17. Click **Next**. The Deployments Targeting window displays.

    Select wsm-pm from Deployments and add it to Admin Server in Targets.



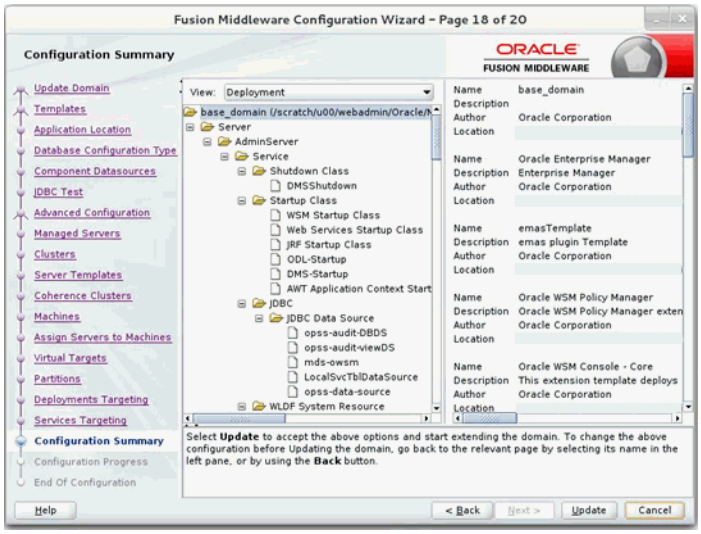
18. Click **Next**. The Services Targeting window displays.



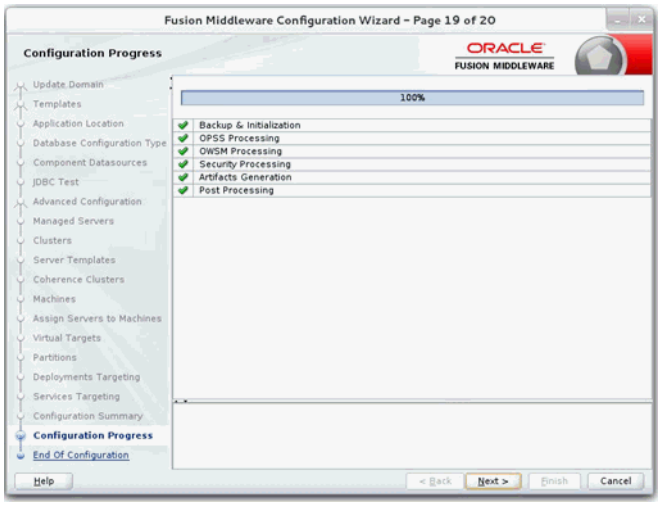
    a. By default, all services are only targeted to the Admin Server.

    b. Target all the services to the managed server.

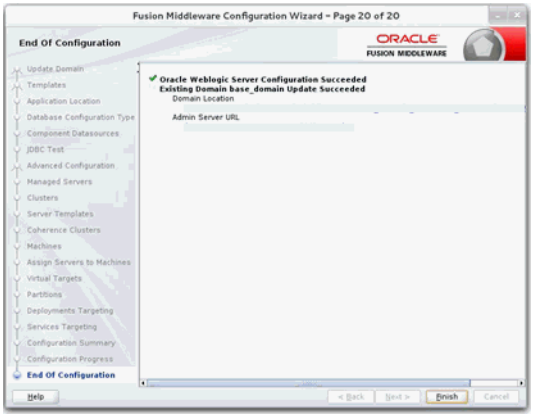
19. Click **Next**. The Configuration Summary window displays. Verify that all information described in this window is accurate.



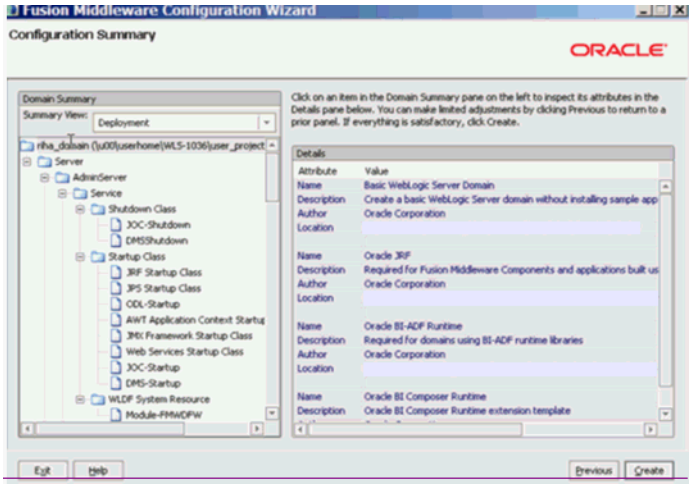
20. Click Update. The Configuration Progress window displays. The window displays a status message when the domain is updated successfully.



21. Click **Next**. The Configuration Success window displays that describes the Domain Location and Admin Server URL once the configuration is complete.



22. Click **Finish** to complete updating the existing domain with the ADF runtime.



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-16.0.023 for all `16.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:port to 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”

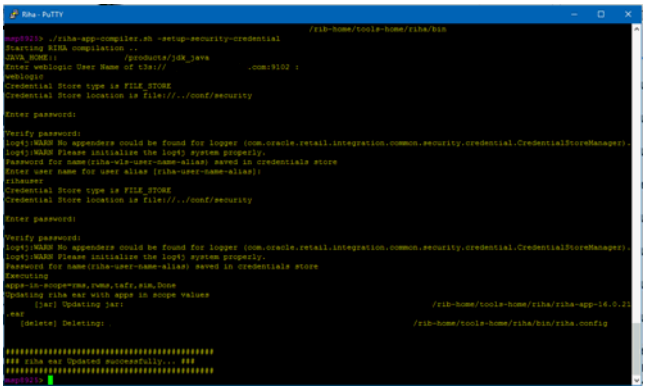
      Ex:riha-wls-cluster-name=no_cluster

      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. Restart the WebLogic managed server.
8. If needed you can undeploy RIHA by executing tools-home/riha/bin: ./riha-app-deployer.sh -undeploy-riha-app.
9. Restrict access to the riha folder with a command like:

   cd rib-home/tools-home/riha

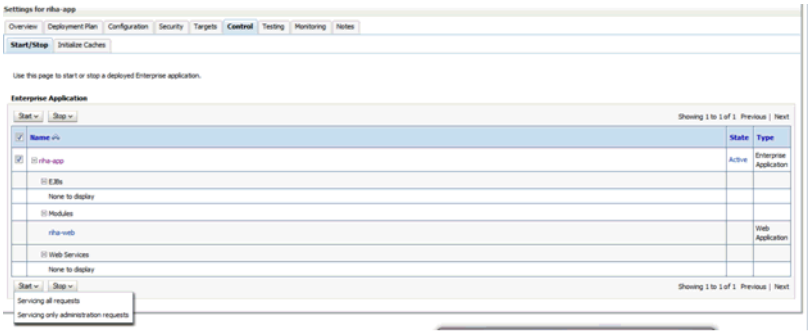
   chmod -R 700.

Testing the Deployment

This section describes the steps to test the deployment.

Navigate to the post deployment screen.

1. Click the **Control** tab.



2. Select the application. Click **Start**
3. Click **Yes**.
   - The deployed tool is started successfully.

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

3

Navigation and Help

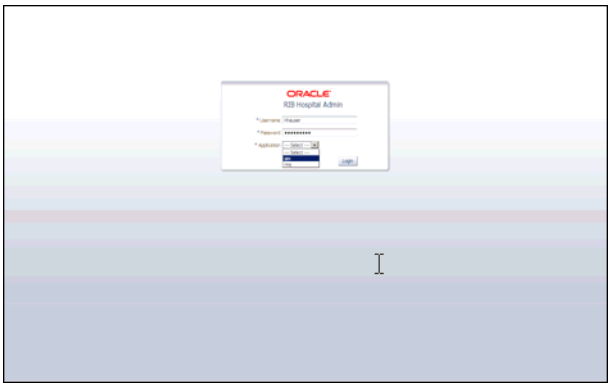
This chapter describes the navigation steps in the Oracle Retail Integration Bus Hospital Administration or RIB Hospital Administration (RIHA) application.

Log in to RIHA

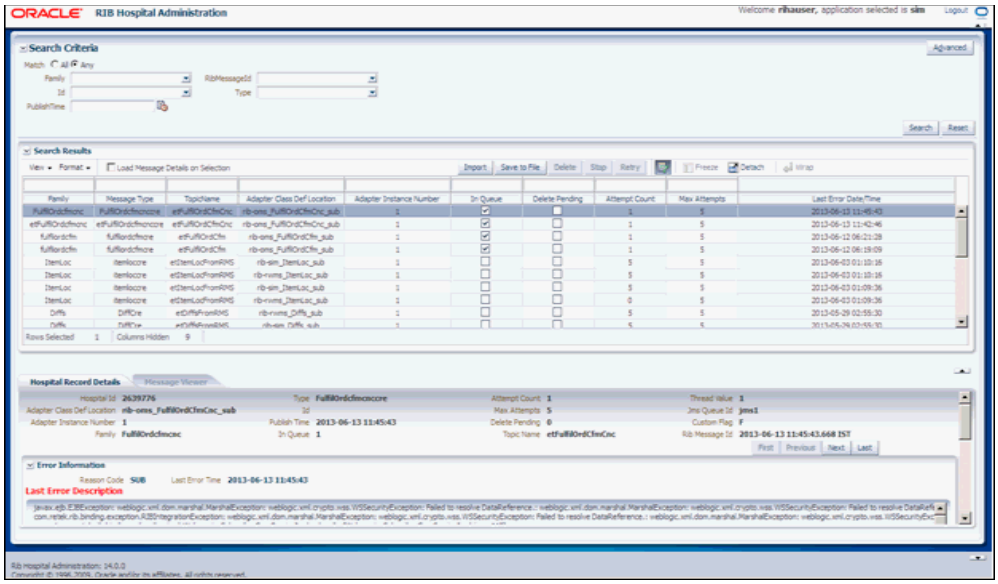
This procedure explains how to log in to the application.

1. Enter the application URL `http://<host>:<port>/riha-web` 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 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.

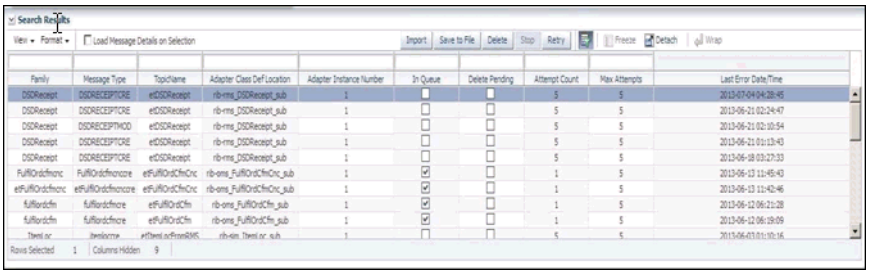
To perform a Basic Search:

1. Log in to the application.

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.



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.

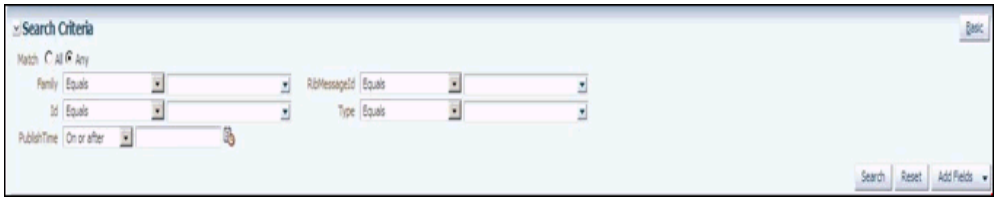
In the advanced search, the operators of each search field can be changed to other available options.

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.



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.

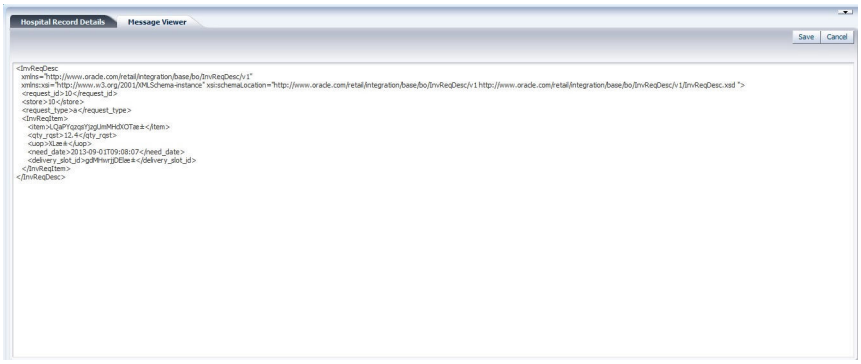
1. Log in to the application.
2. Search for a message.
3. Select a row that represents a hospital record.
4. Click **Retry**.

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.



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.

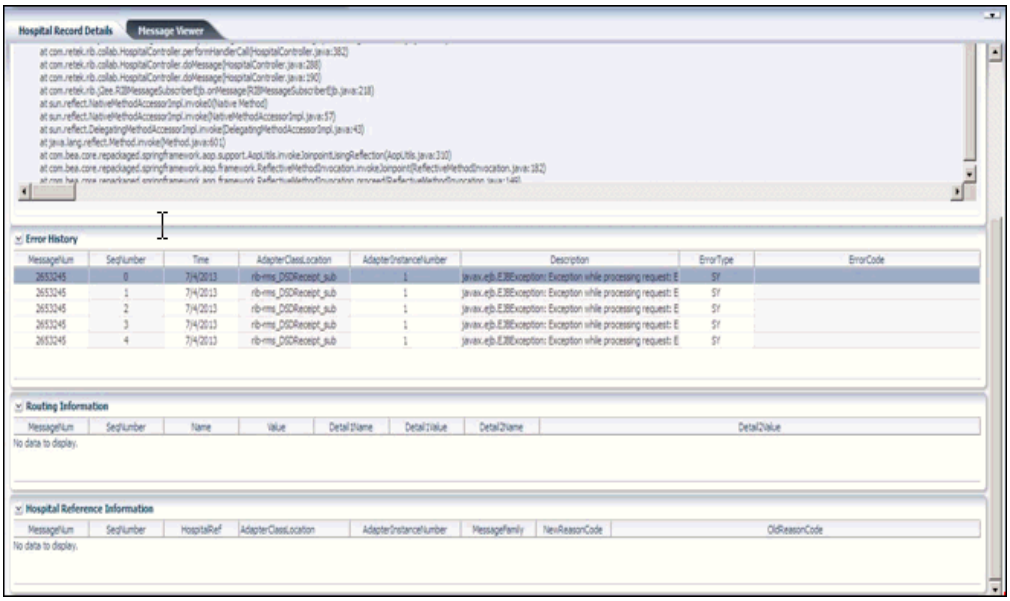
The message must be in the same format in which it was saved.

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

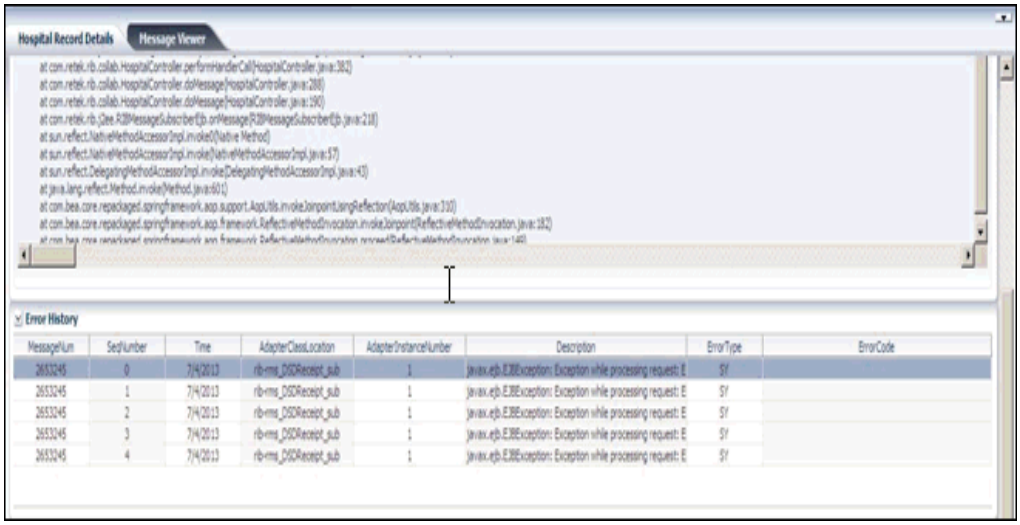
This procedure explains how to see detailed information about a hospital record.



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.



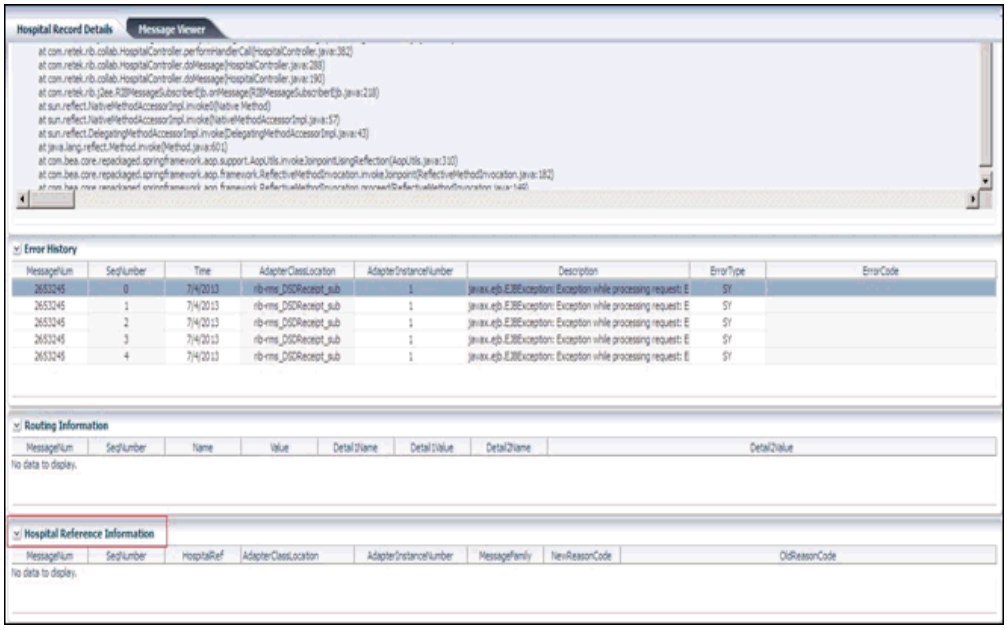
1. Search for a message (see "View and Edit a Message").
2. Select a row that represents a hospital record.
   - By default the Hospital Records Details tab is active and displays hospital record details for the selected row.
   - Click on the arrow located near the error history. This will expand the 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.

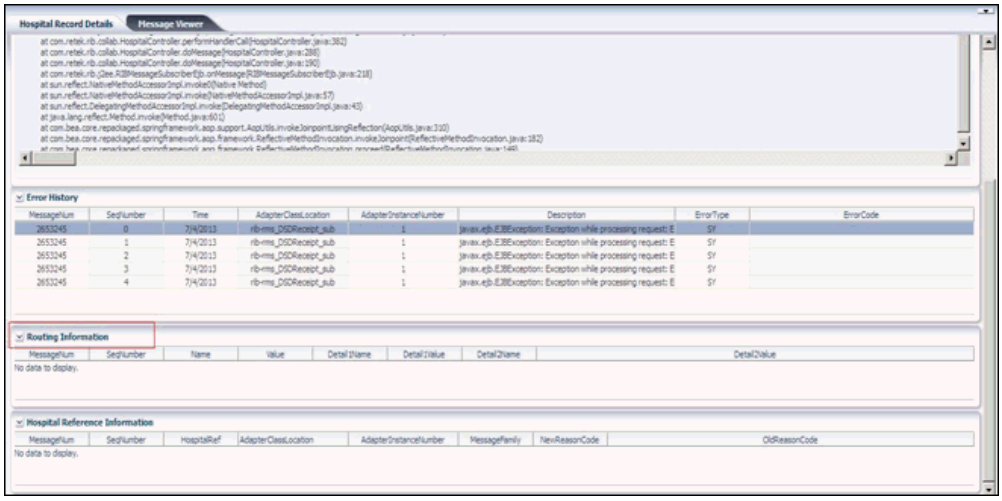
Note: This pane contains data that applies only to retailers who have access to the custom code.

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).



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



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> <id>ItemID=321</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>.
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.