

FLEXCUBE UBS Outbound Application  
Adapter Installation  
Oracle FLEXCUBE Universal Banking  
Release 14.4.0.0.0  
[May] [2020]



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# 1. Installation Steps

## 1.1 Prerequisite

- ✓ Ensure that the basic NOTIFY MDB Gateway Environment Setup is done.

[Please refer [GW\\_NOTIFY\\_MDB Installation.doc.](#)]

- ✓ Ensure that the basic Adapter Environment Setup is done.

[Please refer [SSIAD\\_Installation\\_FCUBSV.UM8.0.0.0.0.0Lot1.doc.](#)]

## 1.2 Steps

### A. Modify ejb-jar.xml

- ✓ Edit <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/config/ejb-jar.xml. This XML file shall have a similar section as the one shown below,

```
<env-entry>

    <env-entry-name>propertyPath</env-entry-name>

    <env-entry-type>java.lang.String</env-entry-type>

    <env-entry-value>C:/Documents and Settings/SSI_ADAPTER/</env-entry-value>

</env-entry>
```

- Set the location of the properties file SSIAD\_MDB\_Prop.xml as the value of propertyPath.

E.g.: C:/Documents and Settings/ **SSI\_ADAPTER** /

*[NOTE: Give property file path with forward slash (/) as file separator and remember to give a slash at the end.]*

- ✓ Edit <resource-env-ref> section as the one shown below,

```
<resource-ref>

    <description>Connection Factory for Response / DLQ</description>

    <res-ref-name>SSIAD_MDB_QCF</res-ref-name>

    <res-type>javax.jms.XAQueueConnectionFactory</res-type>

    <res-auth>Container</res-auth>

    <res-sharing-scope>Shareable</res-sharing-scope>

</resource-ref>

<resource-env-ref>

    <description>Queue to send reply to</description>

    <resource-env-ref-name>NOTIFY_DEST_QUEUE</resource-env-ref-name>

    <resource-env-ref-type>javax.jms.Queue</resource-env-ref-type>

</resource-env-ref>

<resource-env-ref>

    <description>MDB Dead Letter Queue</description>

    <resource-env-ref-name>NOTIFY_MDB_DLQ</resource-env-ref-name>

    <resource-env-ref-type>javax.jms.Queue</resource-env-ref-type>

</resource-env-ref>
```

## B. Configure FLEXCUBE UBS MDB Adapter Properties

Edit <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/config/SSIAD\_MDB\_Prop.xml file to give appropriate values for the properties as described below,

1. XSD\_PATH: This property specifies the path where the BaExchangeFileRequest.XSD is stored.

e.g. XSD\_PATH=<KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/XSD/

***[NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]***

2. SSI\_MDB\_XSD: This property specifies the name of the XSD file.

e.g. SSI\_MDB\_XSD = BaExchangeFileRequest.XSD

3. IS\_XSD\_VAL\_REQD - This property specifies whether XSD validation should be done or not . To enable XSD validation specify "Y" and to disable specify "N".

4. FCUBS\_DB\_SERVER\_IP: This property defines FCUBS Database server IP address.

5. FCUBS\_DB\_SERVER\_UID: This property defines user id for FCUBS Database server.

6. FCUBS\_DB\_SERVER\_PWD: This property defines password for FCUBS Database server.

7. FCUBS\_DB\_PAYLOAD\_PATH: This property defines payload file path on FCUBS Database server.

8. SSIAD\_EJB\_MH\_IP: This property defines SSI MH server IP address.

9. SSIAD\_EJB\_MH\_USERID: This property defines user id for SSI MH server.

10. SSIAD\_EJB\_MH\_PASSWORD: This property defines password for SSI MH server.

11. SSIAD\_EJB\_MH\_ENVELOPE: This property defines envelope file path on SSI MH

Server

12. SSIAD\_MH\_PAYLOAD\_PATH: This property defines payload file path on SSI MH

server.

13. SSIAD\_OB\_ENVELOPE\_FILE\_FOLDER: This property defines local folder name where

temporary envelope file will be stored.

eg. SSIAD\_OB\_ENVELOPE\_FILE\_FOLDER = "C:/Documents and Settings/Default

User/SSIAD\_OB\_ENVELOPE/"

***[NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]***

14. SSIAD\_OB\_ENVELOPE\_FILE\_PREFIX: This property specifies envelope file prefix.

eg. SSIAD\_OB\_ENVELOPE\_FILE\_PREFIX = "BA".

15. SSIAD\_OB\_ENVELOPE\_FILE\_EXTENSION: This property specifies envelope file

extension.

eg. SSIAD\_OB\_ENVELOPE\_FILE\_EXTENSION = ".xml".

16. SSIAD\_OB\_ENVELOPE\_FILE\_SAVE\_DATE\_FORMAT: This property specifies envelope

file date format tah will be suffixed with SSIAD\_OB\_ENVELOPE\_FILE\_PREFIX.

eg. SIAD\_OB\_ENVELOPE\_FILE\_SAVE\_DATE\_FORMAT = "yyyyMMddHHMMSSsss".

17. SSIAD\_OB\_DEAD\_ENVELOPE\_FILE\_FOLDER: This property defines local folder name

where dead envelope file will be stored. This folder must be under USER\_HOME dir.

eg. SSIAD\_OB\_ENVELOPE\_FILE\_FOLDER = "C:/Documents and Settings/Default

User/SSIAD\_OB\_DEAD\_ENVELOPE/"

***[NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash  
at the end.]***

18. XSL\_PATH: This property specifies the path where the SSIAD\_MDB\_XSL.XSL is stored.

eg. XSL\_PATH = "<KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/XSL/"

***[NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash  
at the end.]***

19. SSIAD\_MDB\_XSL: This property specifies the acknowledgement XSL file name.

eg. SSIAD\_MDB\_XSL = SSIAD\_MDB\_XSL.xml

20. LOGGER\_PATH: This property specifies the path of the logger property file. This file

can be found at <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/config.

***[NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash  
at the end.]***

The SSIAD\_MDB\_Prop.xml will look similar as follows,

```
<add key="XSD_PATH" value="D:/KERNEL_SSIAD_OC4J/SSIAD_MDB/XSD"/>
```

```
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <Start> -->
```

```
<add key="SSIAD_MDB_XSD" value="BaExchangeFileRequest.XSD"/>
```

```
<add key="IS_XSD_VAL_REQD" value="Y"/>
```

```
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <End> -->
```

```
<!-- FCUBS DB FTP details -->
```

```
<add key="FCUBS_DB_SERVER_IP" value="10.80.50.227"/>
```

```
<add key="FCUBS_DB_SERVER_UID" value="kerneldev"/>
```

```
<add key="FCUBS_DB_SERVER_PWD" value="kerneldev"/>
```

```
<add key="FCUBS_DB_PAYLOAD_PATH" value="users/outbound/db/payload"/>
```

```
<!-- SSI MH FTP details -->
```

```
<add key="SSIAD_MDB_MH_IP" value="10.80.161.40"/>
```

```
<add key="SSIAD_MDB_MH_USERID" value="rashmish"/>
```

```
<add key="SSIAD_MDB_MH_PASSWORD" value="Password123"/>
```

```
<add key="SSIAD_MDB_MH_ENVELOPE" value="OutBound/OutEnvelop"/>
```

```
<add key="SSIAD_MDB_MH_PAYLOAD_PATH" value="OutBound/OutPayload"/>
```

```
<!--Outbound Envelope File -->
```

```
<add key="SSIAD_OB_ENVELOPE_FILE_FOLDER" value="C:/Documents and Settings/Default  
User/SSIAD_OB_ENVELOPE"/>
```

```
<add key="SSIAD_OB_ENVELOPE_FILE_PREFIX" value="BA"/>
```

```
<add key="SSIAD_OB_ENVELOPE_FILE_EXTENSION" value=".xml"/>
```

```
<add key="SSIAD_OB_ENVELOPE_FILE_SAVE_DATE_FORMAT"
```



```

value="yyyyMMddHHMMSSsss"/>

<add key="SSIAD_OB_DEAD_ENVELOPE_FILE_FOLDER"

value="C:/Documents and Settings/Default User/SSIAD_OB_DEAD_ENVELOPE/" />

<!-- XSL -->

<add key="XSL_PATH" value="D:/KERNEL_SSIAD_OC4J/SSIAD_MDB/XSL/" />

<add key="SSIAD_MDB_XSL" value="SSIAD_MDB_XSL.xml" />

<!-- MISCELLANEOUS PROPERTIES -->

<add key="LOGGER_PATH"

value="D:/KERNEL_SSIAD_OC4J/SSIAD_MDB/config/ssiad_mdb_logger.xml" />

```

#### 4. Configure logger parameters

Edit <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/config/ssiad\_mdb\_logger.xml file to change

the value of the property "SSIAD.LOGGER.FPATH" to value <KERNEL\_INSTALL\_DIR>/

SSIAD\_MDB/log/.

e.g. If the value of your <KERNEL\_INSTALL\_DIR> is D:/Kernel8.0, then the entry for

this property will be,

```
<add key="SSIAD.LOGGER.FPATH" value="D:/Kernel8.0/SSIAD_MDB/log/" />
```

**[NOTE: Give SSIAD.LOGGER.FPATH with forward slash (/) as file separator and remember to give a slash (/) at the end.]**

#### 5. Run the build file

✓ For WINDOWS

- Go to the folder <KERNEL\_INSTALL\_DIR>\setup in the command prompt, type “**set\_env**” and press enter.
- Change directory to <KERNEL\_INSTALL\_DIR>\SSIAD\_MDB\setup\WAS in the command prompt, type “**ws\_ant**” and press enter.

✓ For UNIX

- Go to the folder <KERNEL\_INSTALL\_DIR>/setup in the shell prompt, type “**set\_env.sh**” and press enter.
- Change directory to <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/setup/WAS in the shell prompt, type “**ws\_ant**” and press enter.

*[NOTE: Please make sure that you get a message **BUILD SUCCESSFUL** after compilation.]*

## 6. Deploy the MDB in WebSphere Application Server (WAS)

### 1. Stop the application server.

If the application server is already running, then stop the application server as follows:

✓ For Windows

- Go to the <APP\_SERVER\_HOME>/bin directory in the command prompt, type **stopServer.bat server1** and press enter.

### 2. Start the application server.

✓ For Windows

- Go to the < APP\_SERVER\_HOME>/bin .i.e the application server installation directory in the command prompt, type **startServer.bat server1** and press enter.

- This will start the server. Ensure that you get no error during start up. If the server start up is proper we shall get the following screen.

```
C:\Program Files\IBM\WebSphere\AppServer\bin>startServer.bat server1
ADMU0116I: Tool information is being logged in file C:\Program
Files\IBM\WebSphere\AppServer\profiles\default\logs\server1\startServer.log
ADMU0128I: Starting tool with the default profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 1852
```

### 3. Open the administrative console of the application server

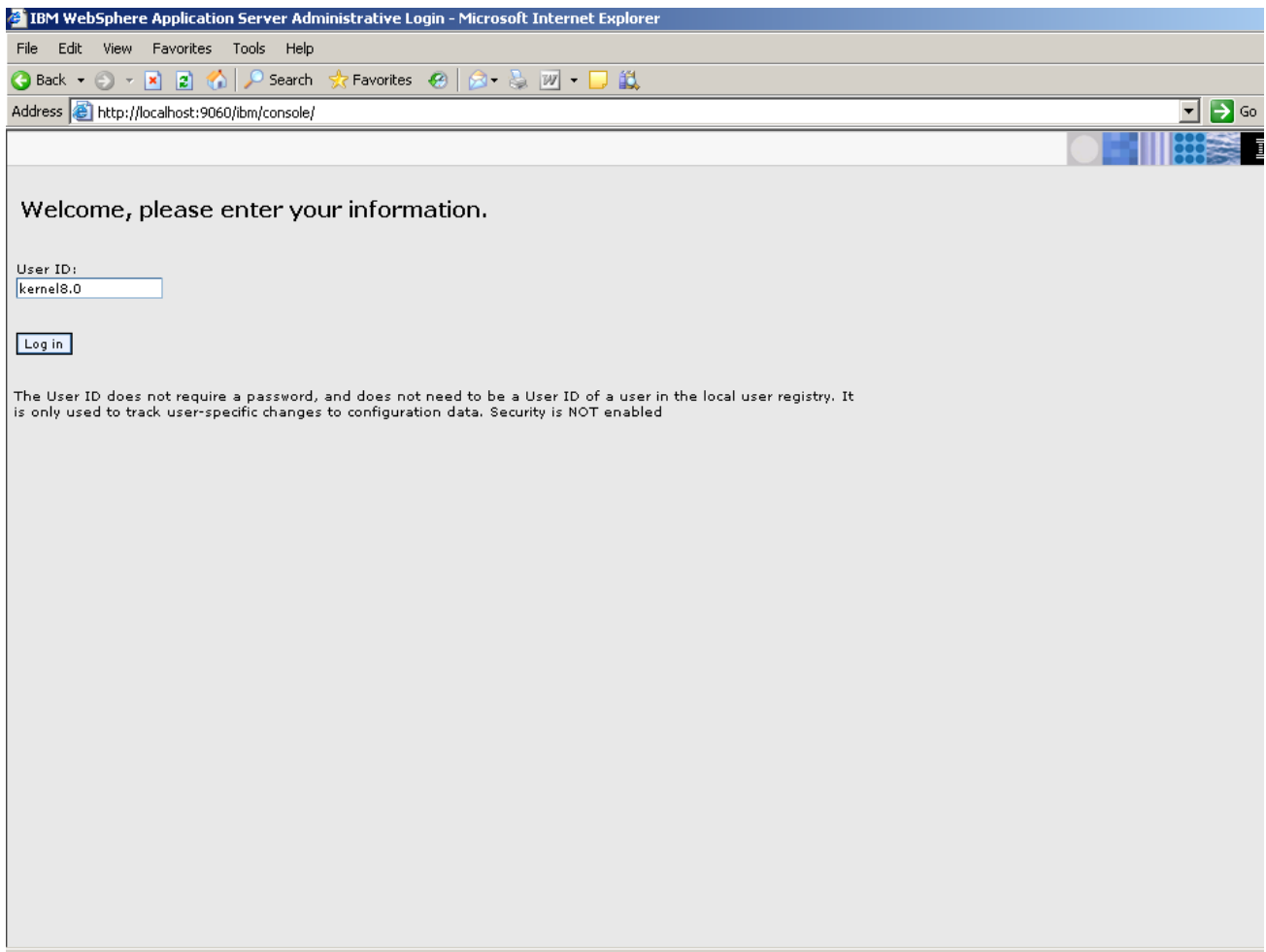
- ✓ Open an internet browser and type the WAS Admin Console URL Address of the server.

e.g. <http://10.80.4.102:9060/ibm/console>

where, 10.80.4.102 is the machine IP Address on which WAS is running.

- ✓ Enter a user id for launching the WAS Admin Console window.

The user id can be any name e.g.: KERNEL 8.0



**4. Create an XA QueueConnectionFactory with the name SSIAD\_MDB\_QCF**

[Refer: [WAS\\_SSIAD\\_WebSphereMQ\\_Installation.doc](#)]

**5. Make sure MQ Queue Destinations are present with the following names**

- a. NOTIFY\_DEST\_QUEUE
- b. NOTIFY\_MDB\_DLQ

6. **Create Message Listener with the name SSIAD\_MDB\_LISTENER with Destination as NOTIFY\_DEST\_QUEUE and QueueConnectionFactory as SSIAD\_MDB\_QCF**

[Refer: [WAS SSIAD WebSphereMQ Installation.doc](#)]

7. **Stop and re-start the WebSphere Application Server**

[Refer: Steps 1 and 2 above.]

## 1. Deploying SSIAD\_MDB\_Bean.ear

- ✓ Click on **Applications -> Install New Application**.
- ✓ Following screen will be displayed. Specify the local path of the enterprise archive file  
(i.e. <KERNEL\_INSTALL\_DIR>/SSIAD\_MDB/build/SSIAD\_MDB\_Bean.ear) and click on Next.



Preparing for the application installation

### Preparing for the application installation

Specify the EAR, WAR or JAR module to upload and install.

#### Path to the new application.

☒ Local file system

Specify path

D:\Kernel8.0\SSIAD\_MDB

Browse...

☐ Remote file system

Specify path

Context root

Used only for standalone Web modules (.war files)

Next

Cancel

2. Following screen will be displayed. Click on Next.

Enterprise Applications [Close page](#)

---

**Preparing for the application installation** ?

Choose to generate default bindings and mappings.

☐ Generate Default Bindings

**Override:**  
☒ Do not override existing bindings  
☐ Override existing bindings

Specific bindings file

3. Following screen will be displayed. Click on Next.

Install New Application

Specify options for installing enterprise applications and modules.

**Step 1: Select installation options**

[Step 2: Map modules to servers](#)

[Step 3: Provide listener bindings for message-driven beans](#)

[Step 4: Map resource references to resources](#)

[Step 5: Map resource env entry references to resources](#)

[Step 6: Summary](#)

**Select installation options**

Specify the various options that are available to prepare and install your application.

☐ Pre-compile JSP

Directory to install application

☒ Distribute application

☐ Use Binary Configuration

☐ Deploy enterprise beans

Application name

☒ Create MBeans for resources

☐ Enable class reloading

Reload interval in seconds

☐ Deploy Web services

Validate Input off/warn/fail

☐ Process embedded configuration

**Next** **Cancel**



4. Following screen will be displayed. Click on Next.

Install New Application

Specify options for installing enterprise applications and modules.

Step 1  
Select  
installation  
options

→ Step 2: Map  
modules to  
servers

Step 3  
Provide  
listener  
bindings  
For  
message-  
driven  
beans

★ Step 4  
Map  
resource  
references  
to  
resources

★ Step 5  
Map  
resource  
env entry  
references  
to  
resources

Step 6  
Summary

Map modules to servers

Specify targets such as application servers or clusters of application servers where you want to install the modules contained in your application. Modules can be installed on the same application server or dispersed among several application servers. Also, specify the Web servers as targets that will serve as routers for requests to this application. The plug-in configuration file (plugin-cfg.xml) for each Web server is generated based on the applications which are routed through it.

Clusters and Servers:

☒ ☐

Select	Module	URI	Server
<input type="checkbox"/>	SSIAD_MDB_Bean.jar	SSIAD_MDB_Bean.jar,META-INF/ejb-jar.xml	WebSphere:cell=ddtd0258Node01Cell,node=ddtd0258Node01,server=server1

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ORACLE

5. Following screen will be displayed.

Give the Listener Name as provided in step 7 and click on Next.

**Install New Application**

Specify options for installing enterprise applications and modules.

[Step 1](#) Select installation options

[Step 2](#) Map modules to servers

→ **[Step 3: Provide listener bindings For message-driven beans](#)**

★ [Step 4](#) Map resource references to resources

★ [Step 5](#) Map resource env entry references to resources

[Step 6](#) Summary

### Provide listener bindings For message-driven beans

Each message-driven enterprise bean in your application or module must be bound to a listener port name or to an activation specification JNDI name. When a message-driven enterprise bean is bound to an activation specification JNDI name you may also specify destination JNDI name and authentication alias.

☒ Apply Multiple Mappings

Select	EJB module	EJB	URI	Messaging Type	Bindings
<input checked="" type="checkbox"/>	SSIAD_MDB_Bean.jar	SSIAD_MDB_Bean	SSIAD_MDB_Bean.jar,META-INF/ejb-jar.xml	javax.jms.MessageListener	<div><p><input checked="" type="radio"/> Listener port</p><p>Name</p><input type="text" value="SSIAD_MDB_LISTENER"/></div> <div><p><input type="radio"/> Activation Specification</p><p>JNDI name</p><input type="text"/></div> <p>Destination JNDI Name</p> <input type="text"/> <p>ActivationSpec Authentication Alias</p> <input type="text"/>

## 6. Following screen will be displayed.

Give the mapping for Queue Connection Factory and Data Source that has been created in above steps 6 and 7.

Enterprise Applications [Close page](#)

### Install New Application

Specify options for installing enterprise applications and modules.

Step 1  
Select installation options

Step 2  
Map modules to servers

Step 3  
Provide listener bindings for message-driven beans

→ Step 4: Map resource references to resources

★ Step 5  
Map resource env entry references to resources

Step 6  
Summary

#### Map resource references to resources

Each resource reference that is defined in your application must be mapped to a resource.

**javax.jms.XAQueueConnectionFactory**

To set multiple existing resource JNDI names:

1. Select one or more checkboxes in the table
2. Select existing resource JNDI name
3. Click Apply

Specify existing Resource JNDI name:

To modify Resource Authentication method (if Authorization type is 'container'):

1. Select one or more checkboxes in the table
2. Select either 'none', 'default', or 'custom login configuration'
- if 'none' is selected:
  - a. Select one or more checkboxes in the table
- if 'default' is selected:
  - a. select an authentication data entry from the dropdown menu
  - b. Click Apply
- if 'custom login configuration' is selected:
  - a. select a custom login configuration from the dropdown menu
  - b. Click Apply
  - c. To edit the properties of the custom login configuration, click Mapping Properties in the table

**Specify authentication method:**

☐ none

☒ Use default method

Select authentication data entry

☐ Use custom login configuration

Select application login configuration


Select	Module	EJB	URI	Reference binding	JNDI name	Login configuration
<input checked="" type="checkbox"/>	SSIAD_MDB_Bean.jar	SSIAD_MDB_Bean	SSIAD_MDB_Bean.jar,META-INF/ejb-jar.xml	SSIAD_MDB_QCF	<input type="text" value="SSIAD_MDB_QCF"/>	Resource authorization: Container Authentication method: none

7. Following screen will be displayed. Click on Continue.

Enterprise Applications

[Close page](#)

**Application Resource Warnings**


 ADMA8019E: The resources that are assigned to the application are beyond the deployment target scope. Resources are within the deployment target scope if they are defined at the cell, node, server, or application level when the deployment target is a server, or at the cell, cluster, or application level when the deployment target is a cluster. Assign resources that are within the deployment target scope of the application or confirm that these resources assignments are correct as specified.


Step 4 - Map resource references to resources resulted in the following resource warnings. If Application Resource Validation is set to fail, you will not be able to continue past.

**Module:**  
Name: SSIAD\_MDB\_Bean.jar  
URI: SSIAD\_MDB\_Bean.jar,META-INF/ejb-jar.xml  
Target: WebSphere:cell=DDTD0270Node01Cell,node=DDTD0270Node01,server=server1

**Resource Reference:**  
Name: SSIAD\_MDB\_QCF  
Type: javax.jms.XAQueueConnectionFactory

**Resource Assignment:**  
Name: SSIAD\_MDB\_QCF

 Scope: WebSphere:cell=DDTD0270Node01Cell,node=DDTD0270Node01,server=server1

 Type: JMSProvider

JNDI: SSIAD\_MDB\_QCF

Continue

Cancel

## 8. Following screen will be displayed.

- ✓ Give the JNDI name mapping for Queues same as their respective reference Bindings names.

**Install New Application**

Specify options for installing enterprise applications and modules.

Step 1  
Select installation options

Step 2  
Map modules to servers

Step 3  
Provide listener bindings for message-driven beans

Step 4  
Map resource references to resources

→ Step 5: Map resource env entry references to resources

Step 6  
Summary

**Map resource env entry references to resources**

Each resource environment reference defined in your application must map to a resource.

☒ Apply Multiple Mappings

Select	Module	EJB	URI	Reference binding	JNDI name
<input checked="" type="checkbox"/>	SSIAD_MDB_Bean.jar	SSIAD_MDB_Bean	SSIAD_MDB_Bean.jar,META-INF/ejb-jar.xml	NOTIFY_DEST_QUEUE	NOTIFY_DEST_QUEUE
<input checked="" type="checkbox"/>	SSIAD_MDB_Bean.jar	SSIAD_MDB_Bean	SSIAD_MDB_Bean.jar,META-INF/ejb-jar.xml	NOTIFY_MDB_DLQ	NOTIFY_MDB_DLQ

Previous

Next

Cancel

9. Following screen will be displayed. Click on Finish.

*[NOTE: This may take a few minutes.]*

**Install New Application**

Specify options for installing enterprise applications and modules.

**Step 1** Select installation options

**Step 2** Map modules to servers

**Step 3** Provide listener bindings For message-driven beans

**Step 4** Map resource references to resources

**Step 5** Map resource env entry references to resources

→ **Step 6: Summary**

**Summary**

Summary of installation options

Options	Values
Use Binary Configuration	No
Create MBeans for resources	Yes
Cell/Node/Server	<a href="#">Click here</a>
Reload interval in seconds	
Enable class reloading	No
Process embedded configuration	No
Application name	SSI_MDB Adapter
Validate Input off/warn/fail	warn
Directory to install application	
Distribute application	Yes
Deploy Web services	No
Pre-compile JSP	No
Deploy enterprise beans	No

Previous Finish Cancel

**10. Following screen will be displayed. Click on “Save to Master Configuration”.**

ADMA0115W: Resource Assignment of name NOTIFY\_MDB\_DLQ and type javax.jms.Queue, with JNDI name NOTIFY\_MDB\_DLQ is not found within scope of module SSIAD\_MDB\_Bean.jar with URI SSIAD\_MDB\_Bean.jar,META-INF/ejb-jar.xml deployed to target WebSphere:cell=ddtd0258Node01 Cell,node=ddtd0258Node01,server=server1.

ADMA0115W: Resource Assignment of name NOTIFY\_DEST\_QUEUE and type javax.jms.Queue, with JNDI name NOTIFY\_DEST\_QUEUE is not found within scope of module SSIAD\_MDB\_Bean.jar with URI SSIAD\_MDB\_Bean.jar,META-INF/ejb-jar.xml deployed to target WebSphere:cell=ddtd0258Node01 Cell,node=ddtd0258Node01,server=server1.

ADMA5068I: The resource validation for application SSI\_MDB Adapter completed successfully, but warnings occurred during validation.

ADMA5058I: Application and module versions validated with versions of deployment targets.

ADMA5005I: The application SSI\_MDB Adapter is configured in the WebSphere Application Server repository.

ADMA5053I: The library references for the installed optional package are created.

ADMA5005I: The application SSI\_MDB Adapter is configured in the WebSphere Application Server repository.

ADMA5001I: The application binaries are saved in d:\Program Files\IBM\WebSphere\AppServer\profiles\default\wstemp\1148044957\workspace\cells\ddtd0258Node01 Cell\applications\SSI\_MDB Adapter.ear\SSI\_MDB Adapter.ear

SECJ0400I: Successfully updated the application SSI\_MDB Adapter with the appContextIDForSecurity information.

ADMA5011I: The cleanup of the temp directory for application SSI\_MDB Adapter is complete.

ADMA5013I: Application SSI\_MDB Adapter installed successfully.

Application SSI\_MDB Adapter installed successfully.

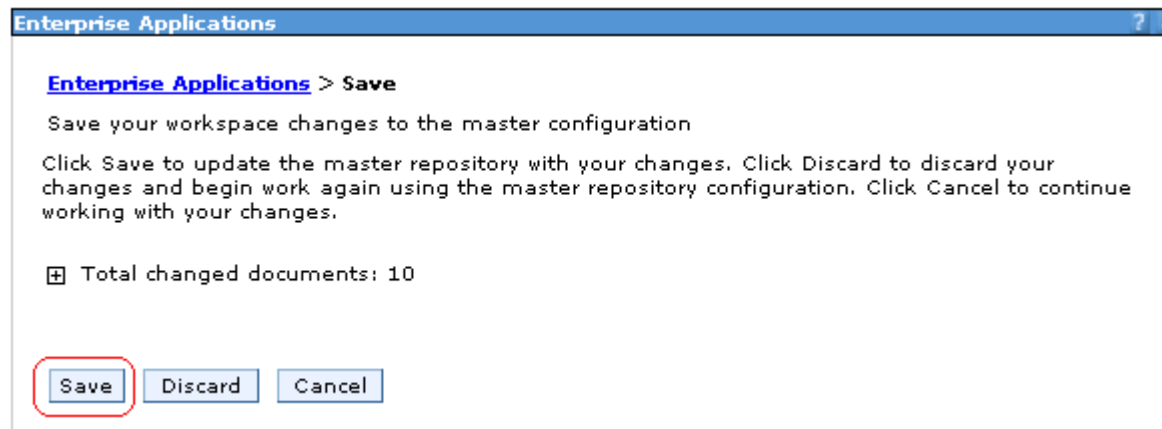
To start the application, first save changes to the master configuration.

**Save to Master Configuration**

To work with installed applications, click the "Manage Applications" button.

**Manage Applications**

11. Following screen will be displayed. Click on Save.



12. Browse to Application -> Enterprise Applications.

- ✓ The deployed SSIAD\_MDB\_Bean will be displayed on the screen.
- ✓ Click the check box beside it and click on **Start**.



- Welcome
- [-] Servers
  - Application servers
  - Web servers
- [-] Applications
  - Enterprise Applications
  - Install New Application
- [-] Resources
- [-] Security
- [-] Environment
- [-] System administration
- [-] Monitoring and Tuning
- [-] Troubleshooting
- [-] Service integration
- [-] UDDI

Enterprise Applications

**Enterprise Applications**

Lists installed applications. A single application can be deployed onto multiple servers.

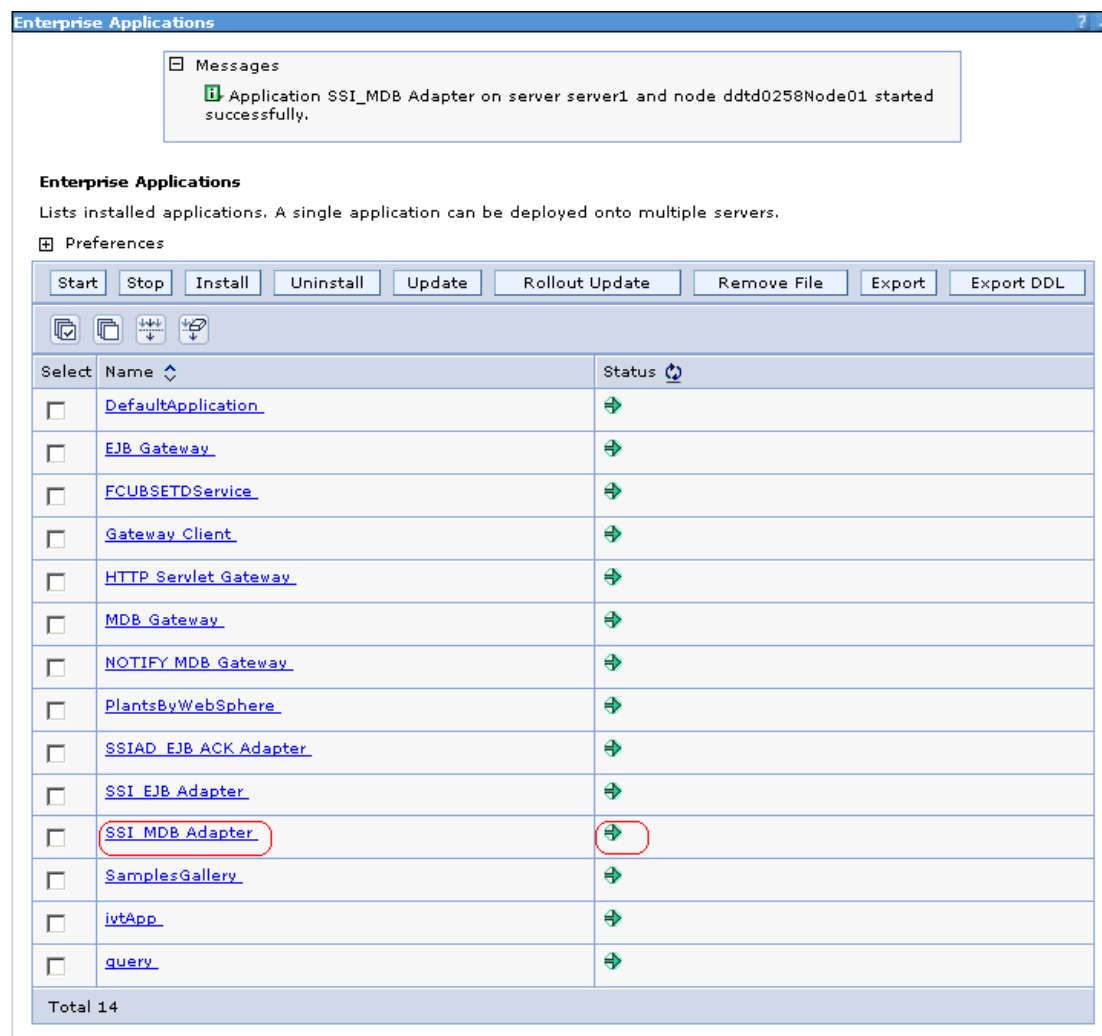
[-] Preferences

☐ ☐ ☐ ☐

Select	Name	Status
<input type="checkbox"/>	<a href="#">DefaultApplication</a>	
<input type="checkbox"/>	<a href="#">EJB Gateway</a>	
<input type="checkbox"/>	<a href="#">FCUBSETDService</a>	
<input type="checkbox"/>	<a href="#">Gateway Client</a>	
<input type="checkbox"/>	<a href="#">HTTP Servlet Gateway</a>	
<input type="checkbox"/>	<a href="#">MDB Gateway</a>	
<input type="checkbox"/>	<a href="#">NOTIFY MDB Gateway</a>	
<input type="checkbox"/>	<a href="#">PlantsByWebSphere</a>	
<input type="checkbox"/>	<a href="#">SSIAD EJB ACK Adapter</a>	
<input type="checkbox"/>	<a href="#">SSI EJB Adapter</a>	
<input checked="" type="checkbox"/>	<a href="#">SSI MDB Adapter</a>	
<input type="checkbox"/>	<a href="#">SamplesGallery</a>	
<input type="checkbox"/>	<a href="#">ivtApp</a>	
<input type="checkbox"/>	<a href="#">query</a>	

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**13. Following screen will be displayed with a green arrow as the status indicating that the deployed SSIAD\_MDB\_Bean is running.**





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Version 14.4.0.0.0

Oracle Financial Services Software Limited  
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India

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Fax: +91 22 6718 3001  
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