FLEXCUBE UBS Outbound Application Adapter Installation Document Version 12.1.0.0.0 FLEXCUBE KERNEL [October] [2015]





Document Control

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1

Installation Steps

1.1 Prerequisite

- ✓ Ensure that the basic NOTIFY MDB Gateway Environment Setup is done. [Please refer <u>OC4J NOTIFY MDB Installation.doc.]</u>
- ✓ Ensure that the basic Adapter Environment Setup is done.
 [Please refer <u>SSIAD Installation FCUBSV.UM8.0.0.0.0.0Lot1.doc.</u>]

1.2 Steps

To configure Oracle10g Application Server with *IBM WebSphere MQ*, follow the steps given in the <u>Appendix</u>.

A. Modify ejb-jar.xml

Open the file **<KERNEL_INSTALL_DIR>\SSIAD_MDB\config\ejb-jar.xml** in any editor for editing.

This file will have a similar section as the one shown below in the < env-entry > tag:

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.]

```
<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/Gateway/</env-entry-value>
</env-entry>

Save the file in the same folder after modification.

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.]

- 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.
- FCUBS_DB_SERVER_PWD: This property defines password for FCUBS Database server.
- 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
- 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".

at the end.]

- 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.xsl
- 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.xsl"/>
            <!-- MISCELLANEOUS PROPERTIES -->
<add key="LOGGER PATH"
value="D:/KERNEL SSIAD OC4J/SSIAD MDB/config/ssiad mdb logger.xml"/>
```

C. 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 <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.]

D. 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\OC4J in the command prompt, type "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/OC4J in the shell prompt, type "ant" and press enter.

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

D. Deploy the SSIAD MDB in application server

1. Stop the application server.

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

- ✓ For WINDOWS
 - Set JAVA_HOME and ORACLE_HOME with the paths in your machine e.g.

set ORACLE_HOME=D:\Oracle10gAS

set JAVA_HOME=%ORACLE_HOME%\jdk

- Go to the <APP_SERVER_HOME>/bin directory in the command prompt
 e.g. cd %APP_SERVER_HOME%\bin
- Type oc4j -shutdown -port 23791 -password <admin_password>
 e.g. oc4j -shutdown -port 23791 -password oc4jadmin
 This will stop the server.
- ✓ For UNIX
 - Set JAVA_HOME and ORACLE_HOME with the paths in your machine



e.g.

export ORACLE_HOME=/home/Oracle10gAS export JAVA_HOME=\${ORACLE_HOME}/jdk

- Go to the <APP_SERVER_HOME>/bin directory in the command prompt
 e.g. cd \${APP_SERVER_HOME]/bin
- Type oc4j -shutdown -port 23791 -password <admin_password>
 e.g. oc4j -shutdown -port 23791 -password oc4jadmin
 This will stop the server.

2. Start the application server.

- ✓ For WINDOWS
 - Set JAVA_HOME and ORACLE_HOME with the paths in your machine e.g. set ORACLE_HOME=D:\Oracle10gAS set JAVA_HOME=%ORACLE_HOME%\jdk
 - Go to the <APP_SERVER_HOME>/bin directory in the command prompt
 e.g. cd %APP_SERVER_HOME%\bin
 - Type oc4j -start

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.

✓ For UNIX

- Set JAVA_HOME and ORACLE_HOME with the paths in your machine.

e.g.

export ORACLE_HOME=/home/Oracle10gAS

export JAVA_HOME=\${ORACLE_HOME}/jdk

- Go to the <APP_SERVER_HOME>/bin directory in the command prompt
 E.g. cd \${APP_SERVER_HOME}/bin
- Type oc4j -start

This will start the server. Ensure that you get no error during start up.

3. Open the Administrative Console of Oracle Enterprise Manager

✓ Open an internet browser and type the OC4J Admin Console URL Address of the server.

e.g. http://10.80.4.116:8888/em



Where, 10.80.4.116 is the machine IP Address on which OC4J is running.

✓ Login to Administrative Console

Enter OC4J administrator username/password and press Login.

ORACLE Enterprise M Application Server Contro	anager 10 <i>g</i>
Login	
∗ User Name	oc4jadmin
∗ Password	Login

4. Deploy Resource Adapter

[Refer: OC4] RESOURCE ADAPTER DEPLOYMENT]

5. **Deploying SSIAD_MDB_Bean.ear**

✓ Click on Applications -> Deploy.



OR/ Applic	CLE Enterprise Manager 10g							s
Cluster OC4J	Topology > Application Server: oracle.DDTD0270.i- : home	flex.com	ī >					
							Page Refresh	ed Jun
Ŀ	tome Applications Web Services Per	ormano	e <u>Administratio</u>	<u>n</u>				
This pa	ge shows the J2EE applications and application co	ompone	ents (EJB Modules,	WAR Module	s, Resource	Adapter Mod	ules) deploye	ed to this
View (Applications V							
Star	t) (Stop) (Restart) (Undeploy) (Redeploy)	Depl	oy))					
Expan	d All Collapse All							
				Active	Request Processing Time	Active EJB	Application Defined	
Select	Name	Statu	s Start Time	Requests	(seconds)	Methods	MBeans	
0	V All Applications							
0	<u>ascontrol</u>	仓	Jun 27, 2007 1:13:06 PM IST	1	0.63	0		
۲	▼ <u>default</u>	Û	Jun 27, 2007 1:13:06 PM IST	0	0.00	0		
0	▼ <u>GW_EJB_Bean</u>	Û	Jun 27, 2007 1:13:07 PM IST	0	0.00	0		
0	GW_HTTP_Servlet	Û	Jun 27, 2007 1:13:07 PM IST	0	0.00	0		
0	<u>GW_MDB_Bean</u>	Û	Jun 27, 2007 1:13:16 PM IST	0	0.00	0		
0	SSIAD_Client_Servlet	Û	Jun 27, 2007 1:13:17 PM IST	0	0.00	0		
0	<u>bc4j</u>	Û	Jun 27, 2007 1:13:06 PM IST	0	0.00	0	1	
ŀ	tome Applications Web Services Per	ormano	e <u>Administratio</u>	<u>n</u>				



- 6. The following screen is displayed.
 - ✓ Click Browse
 - ✓ Specify the local path of the enterprise archive file:
 <KERNEL_INSTALL_DIR>/SSIAD_MDB/build/SSIAD_MDB_Bean.ear
 - ✓ Click **Next**.

11						<u>Setup Logs Help Logout</u>
Deploy: Select Archive		Select Archive	Application Attributes	Deployment Settings		
reproy. Genetic Alemine						(Cancel) Step 1 of 3 Next)
Archive						
The following types of archive Modules (RAR files).	s can be deployed:	J2EE application (I	EAR files), Web Modul	es (WAR files), EJB Mo	odules (EJB JAR fil	es) and Resource Adapter
 Archive is present on loca Archive Location 	I host. Upload the a D:\KERNEL_SSIA	rchive to the server D_OC4J\SSIAD_M	r where Application Ser	ver Control is running. _Bean.e (_Browse)		
○ Archive is already present Location on Server	on the server where The location on server	e Application Serve must be the absolute p	r Control is running. path or the relative path from	n j2ee/home		
Deployment Plan						
The deployment plan is an XN during the deployment proces	/IL file that contains ss. Later in the depl	the deployment se syment process, y	ettings for an applicatio ou can optionally edit t	n. If you do not have a c ne deployment plan and	leployment plan, o I save it for a future	ne will be created automatically deployment of this application.
Automatically create a ne The deployment plan settings	w deployment plan. will be based on OC4J c	efaults and information	n contained in the archive			
🔿 Deployment plan is prese	nt on local host. Up	oad the deploymer	nt plan to the server wh	ere Application Server (Control is running.	
Plan Location				Browse		
🔘 Deployment plan is alread	ly present on server	where Application	Server Control is runni	ng.		
Location on Server						
	The location on server	must be the absolute p	path or the relative path from	n j2ee/home		
						Cancel) Step 1 of 3 Next

- 7. The following screen is displayed.
 - ✓ Enter application name: SSIAD_MDB_Bean.
 - ✓ Click **Next**.



ORACLE Enterprise Manager 10g	<u>Help</u> Logout
Select Archive Application Attributes Deployment Settings	
Deploy: Application Attributes	
Archive Type J2EE Application (EAR file) Archive Location D:\KERNEL_SSIAD_OC4J\SSIAD_MDB\build\SSIAD_MDB_Bean.ear Deployment Plan Creating a new plan	(Cancel) (Back Step 2 of 3 Next)
* Application Name SSIAD_MDB_Bean	
Parent Application default Bind Web Module to Site default-web-site	
	Cancel Back Step 2 of 3 Next
Copyright © 1996, 2005, Oracle. All rights reserved.	
8. The following screen is displayed.	
✓ Click" Map Environment References"	
.∈"Enterprise Manager 10g on Server Control	Help Logout
Select Archive Application Attributes Deployment Settings	

ORACLE [®] Enterprise Manage Application Server Control	r 10 <i>g</i>		Help Logout
		Select Archive Application Attributes Deployment Settin	us
Deploy: Deployment Settin	gs		
Archive Type J2EE Applicati Archive Location D:\KERNEL_SS Deployment Plan Creating a nev	on (EAR file) IAD_OC4J\SSIAI v plan	Application _MDB\build\SSIAD_MDB_Bean.ear Parent Appli Bind Web Module t Contex	Cancel Back Step 3 of 3 Deploy Name SSIAD_MDB_Bean cation default o Site default-web-site t Root
Deployment Tasks			
The table below provides a set o enabled.	f common deploy	nent tasks you might want to perform for this application. O	nly those tasks that apply to the current application are
Task Name	Go <u>To T</u> ask	Description	
Map Environment References		Map any environment references in your application (for exa present on the operational environment.	ample, data sources) to physical entities currently
Select Security Provider		A security provider acts as the source for available users ar	nd groups when mapping security roles.
Map Security Roles	Ø	Map any security roles exposed by your application to exis obtained from the security provider you selected for this app	ting users and groups. The list of users and groups is plication.
Configure EJBs		Configure the Enterprise JavaBeans in your application.	
Configure Clustering		Configure clustering of your application.	
Configure Class Loading		Manipulate the classpath of your application.	
Advanced Deployment Pla	n Editing		
Click Edit Deployment Plan to s	et more advanced	deployment options.	Edit Deployment Plan
Save Deployment Plan			
After you make changes, you ca can then use the saved deploym	n save the deploy ent plan to redepl	ment plan to your local disk. You y this application later.	Save Deployment Plan
opyright © 1396, 2005, Oracle. All rights r	eserved.	Help Logout	Cancel Back Step 3 of 3 Deploy

- 9. The following screen is displayed.
 - ✓ Map to JNDI Location



[Note: The JNDI names by default are in the table given below. These names can be modified if required in the following screen of the OEM console. In such a situation, remember to modify the corresponding entries in ejb-jar.xml and the GW_MDB_Prop.xml file]

Resource Reference	JNDI Location
SSIAD_MDB_QCF	SSIAD_MDB_QCF
NOTIFY_DEST_QUEUE	NOTIFY_DEST_QUEUE
NOTIFY_MDB_DLQ	NOTIFY_MDB_DLQ

✓ Click OK



				<u> </u>						
		Select Archiv		ion Attributes	Deploym	ent Settings				
ployment Settin	gs: Map Environ	ment Reference	S							
									Canc	el) (O
Archive Type J2EI chive Location D:\K ployment Plan Crea	E Application (EAR fi (ERNEL_SSIAD_OC4. ating a new plan	ile) J\SSIAD_MDB\build	\SSIAD_MD	B_Bean.ea	A r Pa Bind Web	pplication Name arent Application o Module to Site Context Root	SSIAD_MDE default default-wek	3_Bean o-site		
Map Resource R	eferences									
The table below lists	the resource referenc	es which need to be	associated v	vith physical	entities on t	he system whe	re the selected	instance/clus	ster is runnir	ıg.
Resource				Refere	nced By Enter	mrise				
Reference D	Description	Туре 🛆	Mod	lule	Bean	Map to J	NDI Location			
SSIAD_MDB_QCF (Connection Factory or Response / DLQ	javax.jms. XAQueueConnection	Factory SSI/	AD_MDB_Be	ean.jar SSI_f Adap	MDB SSIAD_1	IDB_QCF			
Map URL Resour	rce References									
The table below lists	the resource referenc	es of type java.net.UF	RL each of w	hich must be	e linked to a	URL.				
								Refere	enced By	
Resource Reference Des	scription							Module	Enterprise Bean	Map to URL
No resource										
eterences were ound that need										
o be mapped to										
ohysical resources on										
he selected										
netonco/cluetor										
Map Resource El	nvironment Refero all resource environm	ences ent references found	in your appli	cation. A res	ource enviro	nment reference	e needs to be b	oound to an ac	Iministered	object ir
Map Resource El Map Resource El The table below lists he target operationa Resource Environment	nvironment Refere all resource environm I environment.	ences ent references found	in your appli Re	cation. A res eferenced B	ource enviro y Enterprise	nment referenci	e needs to be b	pound to an ac	Iministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference	nvironment Refere all resource environm I environment.	ences ent references found	in your applii Re Module	cation. A res eferenced B	ource enviro y Enterprise Bean MDB (inment reference Map to JNDI Lo	e needs to be b cation	bound to an ac	lministered	object ir
Map Resource Er The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE	nvironment Refer all resource environm I environment. Description EUE Queue to send reply to	ences ent references found Type △ javax.jms.Queue	in your appli Re Module SSIAD_MD	cation. A res eferenced B E B_Bean.jar	ource enviro y Enterprise Bean SSI_MDB Adapter	nment reference Map to JNDI Lo NOTIFY_DEST_	e needs to be b cation QUEUE	oound to an ac	Iministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ	all resource environm environment.	ences ent references found Type △ javax.jms.Queue javax.jms.Queue	in your applie Re Module SSIAD_MD SSIAD_MD	cation. A res eferenced B B_Bean.jar B_Bean.jar	ource enviro Tenterprise Bean SSI_MDB Adapter SSI_MDB Adapter	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I	e needs to be b cation QUEUE	oound to an ac	Iministered	object ir
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Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message De In table below lists environment. Message Destinations No message destinations were for in this application Map Message De The table below lists	Invironment Referent all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue ions found in your app References ion references that ne	in your applie Module SSIAD_MD SSIAD_MD Dilication. Log By Module red to be bou	cation. A res ferenced B B_Bean.jar B_Bean.jar gical destinat a und to messa	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I b be mapped to NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e	nvironment.	dministered	tional
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message Destination No message Destinations were four in this application Map Message Destination Map Messag	Invironment Reference all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue ions found in your app References ion references that ne	in your appli Re Module SSIAD_MD SSIAD_MD Dication. Log By Module red to be bou	cation. A res ferenced B B_Bean.jar B_Bean.jar jical destinat a und to messa Refere	ource enviro	Inment reference International International NOTIFY_DEST_ NOTIFY_MDB_I To be mapped to NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e	nvironment.	Iministered	tional
Map Resource El The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message Destination No message destinations were for in this application Map Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Reference	nvironment Referen all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue ions found in your app Referenced ion references that ne	in your appli Re Module SSIAD_MD SSIAD_MD olication. Log I By Module red to be bou	cation. A res	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I to be mapped to NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e	nvironment.	dministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message Destination No message destinations were for in this application Map Message Destination No message Destination Reference No message No message	Invironment Reference all resource environment all resource environment all revironment.	ences ent references found javax.jms.Queue javax.jms.Queue ions found in your app Referenced ion references that ne	in your appli Re Module SSIAD_MD SSIAD_MD olication. Log I By Module red to be bou	cation. A res	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I b be mapped to NDI Location NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e ocation	nvironment.	dministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message Destination No message destinations were fou in this application Map Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Reference No message destination	Invironment Reference all resource environment all resource environment all resource environment.	ences ent references found javax.jms.Queue javax.jms.Queue javax.jms.Queue Referenced ion references that ne	in your appli Re Module SSIAD_MD SSIAD_MD olication. Log I By Module red to be bou	cation. A res	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I be mapped to NDI Location NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e ocation	nvironment.	dministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Map Message Destination Message Destination Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Map Message Destination Reference No message destination Reference No message destination references were found in this	Invironment Referent all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue javax.jms.Queue Referenced ion references that ne	in your applie Re Module SSIAD_MD SSIAD_MD Discation. Log I By Module red to be bool	cation. A res	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I b be mapped to NDI Location NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e ocation	nvironment.	dministered	tional
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Vap Message Destination Message Destination Message Destination Map Message Destination No message destinations were four in this application Message Destination Reference No message destination Reference No message destination references were ound in this application	Invironment Referen all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue javax.jms.Queue References ion references that ne	in your applie Re Module SSIAD_MD SSIAD_MD Discation. Log I By Module red to be bou	cation. A res	ource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I Do be mapped to NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e ocation	nvironment.	dministered	object ir
Map Resource En The table below lists he target operationa Resource Environment Reference NOTIFY_DEST_QUE NOTIFY_MDB_DLQ Vap Message Destination Vap Message Destination References were ound in this application	Invironment Referen all resource environm I environment.	ences ent references found javax.jms.Queue javax.jms.Queue ions found in your app References ion references that ne	in your applie Re Module SSIAD_MD SSIAD_MD SSIAD_MD Dication. Log By Module red to be bou	cation. A res	iource enviro	Inment reference Map to JNDI Lo NOTIFY_DEST_ NOTIFY_MDB_I to be mapped to NDI Location	e needs to be b cation QUEUE DLQ physical destir t operational e ocation	nvironment.	dministered	object ir tional

10. The following screen is displayed.

✓ Go to **"Configure Class Loading"** Task.



ORACLE Enterprise Manager Application Server Control	10 <i>g</i>	Helo Logout
		Select Archive Application Attributes Deployment Settings
Deploy: Deployment Setting	gs	
Archive Type J2EE Applicatio Archive Location D:\KERNEL_SSI Deployment Plan Creating a new	n (EAR file) AD_OC4J\SSIAI plan	Cancel Back Step 3 of 3 Deploy Application Name SSIAD_MDB_Bean D_MDB\build\SSIAD_MDB_Bean.ear Parent Application default Bind Web Module to Site default-web-site Context Root
Deployment Tasks		
The table below provides a set of enabled.	common deploy	ment tasks you might want to perform for this application. Only those tasks that apply to the current application are
Task Name	Go To Task	Description
Map Environment References	Ø	Map any environment references in your application (for example, data sources) to physical entities currently present on the operational environment.
Select Security Provider		A security provider acts as the source for available users and groups when mapping security roles.
Map Security Roles	Ø	Map any security roles exposed by your application to existing users and groups. The list of users and groups is obtained from the security provider you selected for this application.
Configure EJBs		Configure the Enterprise JavaBeans in your application.
Configure Clustering		Configure clustering of your application.
Configure Class Loading		Manipulate the classpath of your application.
Advanced Deployment Plar	n Editing	
Click Edit Deployment Plan to se	et more advanced	d deployment options. Edit Deployment Plan
Save Deployment Plan		
After you make changes, you car can then use the saved deployme	n save the deploy ent plan to redepl	rment plan to your local disk. You Save Deployment Plan oy this application later.
		Cancel Back Step 3 of 3 Deploy
		Help Logout

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11. The following screen is displayed.

 \checkmark Navigate to the next page



plication Server Contr	ol							Help Logout
		Relati	Archivo Application Attribut	oo Donlay	-O			
ployment Settings	: Configure C	lass Loading	archive Application Autour	es Depidy	ment settings			
profilienceetanige	. ooringaro a	inter Locality	2				0	ancel) ((
Archive Type J2EE Ap chive Location D:\KERM ployment Plan Creating	oplication (EAR NEL_SSIAD_OC4 g a new plan	file) IJ\SSIAD_MDB\b	ouild\SSIAD_MDB_Bean.e	ar F Bind W	Application Name Parent Application eb Module to Site Context Root	SSIAD_MDB_Bea default default-web-site	an	
Import Shared Libra	ries							
The following table lists t	the shared librarie	es installed in this	s OC4J instance. Select Imp	port to decla	e your application	's dependency on a	shared library. (Optionally
Specify a minimum or m	tion's shared libra uture changes to	o import. ary imports the parent applic:	ation's shared library import	s will be effe	ctive to this applic	ation.		
						S Previou	us 1-10 of 22	🖌 <u>Next 10</u>
Shared Library 🛆		Available Versio	ons		Minimum Version To Use	Maximum Version To Use	Imported By Parent Application	Import
adf.generic.domain		10.1.3						
adf.oracle.domain		10.1.3					· ·	V
global.libraries		1.0					·	
global.tag.libraries		1.0					· ·	V
global.wsm.libraries		1.0]	
oracle.cache		10.1.3					· ·	~
oracle.dms	:	3.0					· ·	V
oracle.expression-evalua	ator	10.1.3						
oracle.gdk		10.1.0_2					~	V
oracle.http.client		10.1.3						
						S Previou	us 1-10 of 22	✓ (Next 10)
Configure Applicatio	on Libraries							
Add additional archives (or directories to t	his application's c	classpath. Specify a path rel	lative to the i	oot of the EAR, or	r an absolute path o	on the target serv	er.
Path						Delete		
No application libraries I Add Another Row	have been configu	ured.						
Configure Meh Mod	ule Class Loa	ders						
Use the table below to s separated by semi-color	pecify additional	code sources for	each Web module in your a	pplication. T	hese can be eithe	r library files or loca	ations for individu	al class file
	Search Local	Include War Manifest Class						
Web Module	Classes First	Path	Classpath					
No web modules were found in your application.								

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Help | Logout

Cancel OK

12. The following screen is displayed.

- ✓ Uncheck oracle.xml
- ✓ Ok



ORACLE Ent Application Serv	erprise Manager 10 <i>g</i> er Control					<u>Help</u> Logout
		Select Archive	Application Attributes	Deployment Settings		
Deployment S	ettings: Configure Class L	oading				
						Cancel OK
Archive Type Archive Location Deployment Plan	J2EE Application (EAR file) D:\KERNEL_SSIAD_OC4J\SSIAD Creating a new plan)_MDB\build\SS	AD_MDB_Bean.ear	Application Name Parent Application Bind Web Module to Site Context Root	SSIAD_MDB_Bean default default-web-site	

Import Shared Libraries

The following table lists the shared libraries installed in this OC4J instance. Select Import to declare your application's dependency on a shared library. Optionally specify a minimum or maximum version to import.

Inherit parent application's shared library imports

TIP When checked, future changes to the parent application's shared library imports will be effective to this application.

			S Previous	10 11-20 of 22	✓ <u>Next 2</u> ≫
Shared Library 🛆	Available Versions	Minimum Version To Use	Maximum Version To Use	Imported By Parent Application	Import
oracle.jdbc	10.1.0_2			~	
oracle.jwsdl	10.1.3			~	~
oracle.sqlj	10.1.3			~	V
oracle.toplink	10.1.3			~	✓
oracle.ws.client	10.1.3			~	
oracle.ws.core	10.1.3				
oracle.ws.reliability	10.1.3				
oracle.ws.security	10.1.3				
oracle.wsm	10.1.3				
oracle.xml	10.1.0_2			~	
			Previous	10 11-20 of 22	🔽 <u>Next 2</u> 📎

Configure Application Libraries

Add additional archives or directories to this application's classpath. Specify a path relative to the root of the EAR, or an absolute path on the target server.

Path	Delete
No application libraries have been configured.	
(Add Another Row)	

Configure Web Module Class Loaders

Use the table below to specify additional code sources for each Web module in your application. These can be either library files or locations for individual class files separated by semi-colons.

Web Module	Search Local Classes First	Include War Manifest Class Path	Classpath
No web modules were found in your application.			
			(Cancel) (OK)

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Help | Logout

13. The following screen is displayed.

✓ Click **Deploy**



ORACLE [®] Enterprise Manager Application Server Control	r 10g	Help Logout				
		Select Archive Application Attributes Deployment Settings				
Deploy: Deployment Setting	gs					
Archive Type J2EE Applicatio Archive Location D:\KERNEL_SSI Deployment Plan Creating a new	on (EAR file) IAD_OC4J\SSIAI 7 plan	Cancel Back Step 3 of 3 Deploy Application Name SSIAD_MDB_Bean O_MDB\build\SSIAD_MDB_Bean.ear Parent Application default Bind Web Module to Site Context Root				
Deployment Tasks						
The table below provides a set of enabled.	f common deploy	ment tasks you might want to perform for this application. Only those tasks that apply to the current application are				
Task Name	Go To Task	Description				
Map Environment References	Ø	Map any environment references in your application (for example, data sources) to physical entities currently present on the operational environment.				
Select Security Provider		A security provider acts as the source for available users and groups when mapping security roles.				
Map Security Roles	Ø	Map any security roles exposed by your application to existing users and groups. The list of users and groups is obtained from the security provider you selected for this application				
Configure EJBs		Configure the Enterprise JavaBeans in your application.				
Configure Clustering		Configure clustering of your application.				
Configure Class Loading		Manipulate the classpath of your application.				
Advanced Deployment Plar	n Editing					
Click Edit Deployment Plan to se	et more advanced	deployment options. Edit Deployment Plan				
Save Deployment Plan						
After you make changes, you car can then use the saved deployme	n save the deploy ent plan to redepl	ment plan to your local disk. You Save Deployment Plan				
		Cancel Back Step 3 of 3 (Deploy)				

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<u>Help</u> | <u>Logout</u>

14. The following screen is displayed.

✓ Click **Return**



	1
	(
he Application "SSIAD_MDB_Bean" has been successfully deployed.	
rogress Messages	
Jun 28, 2007 11:20:33 AM] Application Deployer for SSIAD_MDB_Bean STARTS.	
Jun 28, 2007 11:20:33 AM] Copy the archive to D:\OracleAS_1\j2ee\home\applications\SSIA	AD_MDB_Bean.ear
Jun 28, 2007 11:20:33 AM] Initialize D:\OracleAS_1\j2ee\home\applications\SSIAD_MDB_B	Bean.ear begins
Jun 28, 2007 11:20:33 AMJ Unpacking SSIAD_MDB_Bean.ear	
Jun 28, 2007 11:20:33 AMJ Done unpacking SSIAD_MDB_Bean.ear	
Jun 28, 2007 11 (20:33 AMI) Unpacking WebSphereWigStrar	
Jun 20, 2007, 11:20:33, AMI Initializa D:\OracleAS, 1\Qaa\hama\annliaatione\SSIAD, MDB, B	Boon oor onde
Jun 28, 2007 11:20:33 AMI Starting annication : SSIAD_MDB_Bean	Jean.ear enus
Jun 28, 2007 11:20:33 AMI Initializing Classi nader(s)	
Jun 28, 2007 11:20:35 AMI Initializing EJB container	
Jun 28, 2007 11:20:35 AM) Loading connector(s)	
Jun 28, 2007 11:20:35 AM] Starting up resource adapters	
Jun 28, 2007 11:20:35 AM] Processing EJB module: SSIAD_MDB_Bean.jar	
Jun 28, 2007 11:20:35 AM] Compiling EJB generated code	
Jun 28, 2007 11:20:48 AM] Initializing EJB sessions	
Jun 28, 2007 11:20:48 AMJ Committing ClassLoader(s)	
Jun 28, 2007 11:20:48 AMJ Started application : SSIAD_MDB_Bean Jun 29, 2007 14:20:49 AMJ Diadian with emplication(-) to pite default with site basing	
Jun 26, 2007 111:20:46 AMI Binding web application(s) to site default-web-site begins	
Jun 28, 2007, 11:20:48, AMI Annligation Daplover for SSIAD, MDB, Bean COMPLETES, One	vation time: 15515 meace
Sun 20, 2007 T1:20:40 Awij Application Deployer for SSIAD_WDD_Dean COMPLETES. Ope	ration time. 10010 Insecs

15. The following screen is displayed.



ORA Applic	CLE Enterprise Manager 10g							<u>Setup Logs Help Logout</u>
Cluster Topology > Application Server: oracle.DDTD0270.i-flex.com > 0.0.4.1; home								
						P	age Refreshe	ed Jun 28, 2007 11:24:04 AM IST
H	ome Applications <u>Web Services</u> Per	formanc	<u>e Administratio</u>	<u>n</u>				
This pa	ge shows the J2EE applications and application c	ompone	nts (EJB Modules,	WAR Module	s, Resource	Adapter Mod	lules) deploye	ed to this OC4J instance.
View	Annlications	·				·		
(Star	t) (Stop) (Restart) (Undeploy) (Redeploy)	Deplo	(yc					
Expan	d All Collapse All	<u> </u>	<u> </u>					
Select	Name	Status	Start Time	Active	Request Processing Time (seconds)	Active EJB	Application Defined MBeans	
0	▼ All Applications	orutua		rioquosis	(50001145)	motrous	moodilo	
0	ascontrol	Û	Jun 27, 2007 1:13:06 PM IST	1	0.00	0		
۲	▼ <u>default</u>	Û	Jun 27, 2007 1:13:06 PM IST	0	0.00	0		
0	▼ <u>GW_EJB_Bean</u>	Û	Jun 27, 2007 1:13:07 PM IST	0	0.00	0		
0	<u>GW_HTTP_Servlet</u>	Û	Jun 27, 2007 1:13:07 PM IST	0	0.00	0	11	
0	<u>GW_MDB_Bean</u>	Û	Jun 27, 2007 1:13:16 PM IST	0	0.00	0		
0	SSIAD_Client_Servlet	Û	Jun 27, 2007 1:13:17 PM IST	0	0.00	0	11	
0	SSIAD_EJB_ACK_Bean	Û	Jun 27, 2007 3:56:43 PM IST	0	0.00	0		
0	SSIAD_EJB_Bean	Û	Jun 27, 2007 2:54:11 PM IST	0	0.00	0	110	
0	<u>SSIAD_MDB_Bean</u>	Û	Jun 28, 2007 11:20:48 AM IST	0	0.00	0		
0	<u>bc4j</u>	Û	Jun 27, 2007 1:13:06 PM IST	0	0.00	0	11	
Star	t) Stop) Restart) Undeploy) Redeploy)	Deplo	UY)					
H	ome Applications Web Services Per	formanc	<u>e Administratio</u>	<u>n</u>				

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Setup | Logs | Help | Logout



Appendix

2

2.1 Configuring SSIAD MDB with IBM WebSphere MQ

Follow the steps given below only if the Oracle10g Application Server is to be configured with *IBM WebSphere MQ*.

Before going ahead with the steps given below, please ensure the IBM WebSphere MQ Destinations, Connection Factories and their Bindings are created.

- ✓ Ensure that Queue Destinations, NOTIFY_DEST_QUEUE and NOTIFY_MDB_DLQ are in IBM WebSphere MQ.
- Create an XA QueueConnectionFactory with the name SSIAD_MDB_QCF
 [Refer: WAS_SSIAD_WebSphereMQ_Installation.doc]
- Create the bindings to lookup the above given Queues and the Queue Connection Factories (SSIAD_MDB_QCF).
 [Note: The path of the .bindings files needs to be specified in orion-application.xml]

[Refer: WAS SSIAD WebSphereMQ Installation.doc]

The Resource Adapter (used to connect to IBM WebSphere MQ) related files are as given below and are located at

<KERNEL_INSTALL_DIR>\SSIAD_MDB\config\OC4J

- ✓ oc4j-connectors.xml
- ✓ oc4j-ra.xml
- ✓ orion-application.xml
- ✓ orion-ejb-jar.xml
- ✓ ra.xml

In addition, changes have been made to

✓ ejb-jar.xml (located at <KERNEL_INSTALL_DIR>\SSIAD_MDB\config)



1. Modify oc4j-connectors.xml

Specify all the Queues involved as given below:

<connector name="WebSphereMQS" path="WebSphereMQ.rar"> <adminobject-config location="NOTIFY_DEST_QUEUE"> <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class> <config-property name="jndiName" value="NOTIFY_DEST_QUEUE"></config-property> <config-property name="resourceProviderName" value="WebSphereMQRP"></config-property> </adminobject-config></connector>
<adminobject-config location="NOTIFY_QUEUE"> <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class> <config-property name="jndiName" value="NOTIFY_QUEUE"></config-property> <config-property name="resourceProviderName" value="WebSphereMQRP"></config-property> </adminobject-config>
<adminobject-config location="NOTIFY_MDB_DLQ"> <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class> <config-property name="jndiName" value="NOTIFY_MDB_DLQ"></config-property> <config-property name="resourceProviderName" value="WebSphereMQRP"></config-property> </adminobject-config>

2. Modify oc4j-ra.xml

Specify the Queue Connection Factories involved as given below:

```
<connector-factory location="SSIAD_MDB_QCF" connector-name="WebSphereMQS">
<connectionfactory-interface>javax.jms.XAQueueConnectionFactory</connectionfactory-interface>
<config-property name="jndiLocation" value="SSIAD_MDB_QCF"/>
</connector-factory>
```

3. Modify orion-application.xml

Define the Resource Provider to be used by the SSIAD MDB.

[Note: Ensure the .bindings file is located in the correct path given below as value of the property name, java.naming.provider.url]

```
<resource-provider

class="com.evermind.server.deployment.ContextScanningResourceProvider"

name="WebSphereMQRP">

<description>WebSphere MQ Resource Provider</description>

<property name="java.naming.factory.initial"

value="com.sun.jndi.fscontext.RefFSContextFactory"/>

<property name="java.naming.provider.url" value="file:/D:/Bindings"/>

</resource-provider>
```

4. Modify orion-ejb-jar.xml

Mention the Resource Adapter name and the Resource references as shown below.

<message-driven-deployment name="SSIAD_MDB_Bean" resource-adapter="WebSphereMQS"



listener-threads="100" subscription-name="**SSIAD_MDB_Bean_Sub**" transaction-timeout="172800">

```
<!-- Resource Ref Environment mappings -->
<resource-ref-mapping name=" SSIAD_MDB_QCF" location=" SSIAD_MDB_QCF" />
<resource-env-ref-mapping name="NOTIFY_DEST_QUEUE"
location="NOTIFY_DEST_QUEUE" />
<resource-env-ref-mapping name="NOTIFY_MDB_DLQ" location="NOTIFY_MDB_DLQ" />
<resource-env-ref-mapping name="NOTIFY_QUEUE" location="NOTIFY_QUEUE" />
```

</message-driven-deployment>

5. Modify ra.xml

Specify the Queues and the Queue Connection Factory involved as given below:

```
<!-- Queue admin object -->
  <adminobject>
       <adminobject-interface>javax.jms.Queue</adminobject-interface>
       <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class>
       <config-property>
         <config-property-name>jndiName</config-property-name>
         <config-property-type>java.lang.String</config-property-type>
         <config-property-value>NOTIFY QUEUE</config-property-value>
       </config-property>
       <config-property>
         <config-property-name>resourceProviderName</config-property-name>
         <config-property-type>java.lang.String</config-property-type>
         <config-property-value>WebSphereMQRP</config-property-value>
       </config-property>
    </adminobject>
    <adminobject>
       <adminobject-interface>javax.jms.Queue</adminobject-interface>
       <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class>
       <config-property>
         <config-property-name>indiName</config-property-name>
         <config-property-type>java.lang.String</config-property-type>
         <config-property-value>NOTIFY_DEST_QUEUE</config-property-value>
       </config-property>
       <config-property>
         <config-property-name>resourceProviderName</config-property-name>
         <config-property-type>java.lang.String</config-property-type>
         <config-property-value>WebSphereMQRP</config-property-value>
       </config-property>
    </adminobject>
    <adminobject>
       <adminobject-interface>javax.jms.Queue</adminobject-interface>
       <adminobject-class>oracle.j2ee.ra.jms.generic.AdminObjectQueueImpl</adminobject-class>
       <config-property>
         <config-property-name>jndiName</config-property-name>
         <config-property-type>java.lang.String</config-property-type>
         <config-property-value>NOTIFY MDB DLQ</config-property-value>
       </config-property>
       <config-property>
         <config-property-name>resourceProviderName</config-property-name>
```



<config-property-type>java.lang.String</config-property-type> <config-property-value>WebSphereMQRP</config-property-value> </config-property> </adminobject> <!-- inbound configuration --> <inbound-resourceadapter> <messageadapter> <messagelistener> <messagelistener-type>javax.jms.MessageListener</messagelistener-type> <activationspec> <activationspec-class>oracle.j2ee.ra.jms.generic.JMSActivationSpec</activationspecclass> <required-config-property> <config-property-name>ConnectionFactoryJndiName</config-property-name> <config-property-name>DestinationName</config-property-name> <config-property-name>DestinationType</config-property-name> </required-config-property> </activationspec> </messagelistener> </messageadapter> </inbound-resourceadapter> <!-- outbound configuration --> <outbound-resourceadapter> <connection-definition> <managedconnectionfactoryclass>oracle.j2ee.ra.jms.generic.ManagedXAQueueConnectionFactoryImpl</managedconnectionfact ory-class> <connectionfactory-interface>javax.jms.XAQueueConnectionFactory</connectionfactoryinterface> <connectionfactory-implclass>oracle.j2ee.ra.jms.generic.XAQueueConnectionFactoryWrapper</connectionfactory-implclass> <connection-interface>javax.jms.XAConnection</connection-interface> <connection-impl-class>oracle.j2ee.ra.jms.generic.ConnectionWrapper</connection-implclass> <config-property> <config-property-name>indiLocation</config-property-name> <config-property-type>java.lang.String</config-property-type> <config-property-value> SSIAD_MDB_QCF</config-property-value> </config-property> </connection-definition>



6. Modify ejb-jar.xml

Specify the Queue the SSIAD MDB is listening to in the <activation-config> tag and Resource references as shown below:

- NOTIFY_MDB_QCF is the XA Queue Connection Factory.
- NOTIFY_DEST_QUEUE is the Queue on which MDB will listen.
- NOTIFY_MDB_DLQ is the Dead Letter Queue

<activation-config></activation-config>
<activation-config-property></activation-config-property>
<activation-config-property-name>DestinationType</activation-config-property-name>
<activation-config-property-value>javax.jms.Queue</activation-config-property-value>
<activation-config-property config="" destinction="" destinctionname="" names="" names<="" property="" td=""></activation-config-property>
<activation-config-property-name>DestinationName</activation-config-property-name>
values
<activation-config-property></activation-config-property>
<activation-config-property-name>ConnectionFactoryJndiName</activation-config-property-name>
property-name>
<activation-config-property-value> SSIAD_MDB_QCF</activation-config-property-value>
<resource-ref></resource-ref>
<pre><description>Connection Factory for Response / DLQ</description></pre>
<res-ref-name> SSIAD_MDB_QCF</res-ref-name>
<res-supe>javax.jnis.xAQueueconnectionFactory</res-supe>
<res-sharing-scope>Shareable</res-sharing-scope>
<resource-env-ref></resource-env-ref>
<pre><description>Queue to send reply to</description></pre>
<resource-env-ref-name>NOTIFY_DEST_QUEUE</resource-env-ref-name>
<resource-env-ref-type>javax.jms.Queue</resource-env-ref-type>
<resource-env-ret></resource-env-ret>
<pre><description>mDB Dead Letter Queue</description> </pre>
<resource-env-ref-type>iavax ims Oueue/resource-env-ref-type></resource-env-ref-type>





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