# Oracle® Banking APIs JMS Configuration Multi Entity Guide



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ORACLE

Oracle Banking APIs JMS Configuration Multi Entity Guide, Release 25.1.0.0.0

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# Preface

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- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions
- Related Resources
- Screenshot Disclaimer
- Acronyms and Abbreviations

## Purpose

This guide is designed to help acquaint you with the Oracle Banking Digital Experience application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

# Audience

This document is intended for the following audience:

- Customers
- Partners

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## 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.

## **Related Resources**

For more information on any related features, refer to the following documents:

Oracle Banking APIs Installation Manuals

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

# Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

#### Table 1Acronyms and Abbreviations

Abbreviation	Description	
OBAPI	Oracle Banking APIs	



# 1 Objective and Scope

- Background
- Objective and Scope

# 1.1 Background

JMS (Java Message Service) is an API that provides the facility to create, send and read messages. It provides loosely coupled, reliable communication. Messaging enables distributed communication that is loosely coupled. A component sends a message to a destination, and the recipient can retrieve the message from the destination. However, the sender and the receiver do not have to be available at the same time in order to communicate. In fact, the sender does not need to know anything about the receiver; nor does the receiver need to know anything about the sender. The sender and the receiver need to know only which message format and which destination to use.JMS configuration is required to send message (request) to external system and receive processed message (response) from external system.



# 1.2 Objective and Scope

Define a common set of messaging concepts and facilities. The scope of this document is to provide steps to configure foreign server for connecting external system using JNDI provider and configure JMS queue to receive data from external system. Foreign server is used to send message to external system with help of JNDI Initial, JNDI connection url, JNDI connection factory and JNDI destination. To configure JMS receiver queue in web logic we have to create JMS server and JMS module. Where JMS module include creation of JMS connection factory, JMS queue and SubDeployment.

# JMS Step 1 - Create foreign server in a weblogic server

• Introduction and Definitions

# 2.1 Introduction and Definitions

A Foreign Server represents a JNDI provider that is outside WebLogic server. It contains information that allows a local WebLogic Server instance to reach a remote JNDI provider, thereby allowing for a number of foreign connection factory and destination objects to be defined on one JNDI directory.

- Create a JMS Module
- Create a foreign Server
- · Configure additional properties for the new foreign server
- Create foreign connection factories
- Create foreign destinations

#### 2.1.1 Create a JMS Module

- Services → Messaging → JMS Modules
- Select New
- Name: HostSystemModule
- Leave the other options empty
- Targets: obapi\_server
- Press Next
- Leave "Would you like to add resources to this JMS system module" unchecked and press **Finish** .

J	JMS Modules					
	New Delete Showing 1 to 7 of 7 Previous   Next					
🗆 Name 🗞 Type			Туре	Scope	Domain Partitions	
		AsyncFailureLogJMS	JMSSystemResource	Global		
(		AuditJMS	JMSSystemResource	Global		
(		EndPointJMSModule	JMSSystemResource	Global		
(		extXfaceJMSModule	JMSSystemResource	Global		
		FileUploadJMS	JMSSystemResource	Global		
(		HostSystemModule	JMSSystemResource	Global		
		UBSSystemModule	JMSSystemResource	Global		
	New Delete Showing 1 to 7 of 7 Previous Next					



#### 2.1.2 Create a foreign Server

- Services → Messaging → JMS Modules
- Select HostSystemModule and press New
- Select Foreign Server and Next
- Name: ForeignServer (Once you create a foreign server, you cannot rename it. Instead, you must delete it and create another one that uses the new name) and Click **Next** to proceed to the targeting page or click **Finish** to create the foreign server.

Summary of Resources				
New Delete Showing 1 to 1 of 1 Previous   Next				
🔲 Name 🙈	Туре	JNDI Name	Subdeployment	Targets
ForeignServer	Foreign Server	N/A	Default Targeting	obdx_server
New Delete Showing 1 to 1 of 1 Previous Next				

#### 2.1.3 Configure additional properties for the new foreign server

- Services → Messaging → JMS Modules
- Select HostSystemModule
- Click on ForeignServer
- On the Configuration → General tab
- Enter Following details.
  - JNDI Initial: enter the name of the class that must be instantiated to access the JNDI provider. For example (weblogic.jndi.WLInitialContextFactory)
  - JNDI Connection URL: enter the URL that WebLogic Server uses to contact the JNDI provider. (http://IP:port)
- Click Save.

Configuration Subdeployment Notes			
General Destinations C	onnection Factories		
Save			
A foreign server represents a number of connection facto	JNDI provider that resides outside a WebLogic Server. It cont ry and destination objects (queues or topics) can be defined o	ains information that allows WebLogic Server to reach the remote JNDI provider. This way, a n one JNDI directory. Use this page to configure a foreign server.	
街 Name:	ForeignServer	The name of this foreign server. More Info	
JNDI Initial Context Facto	veblogic.jndi.WLInitialCont	The name of the class that must be instantiated to access the JNDI provider. This class name depends on the JNDI provider and the vendor that are being used. More Info	
전 JNDI Connection URL:	http://mum00aoz.in.oracle.com:6003	The URL that WebLogic Server will use to contact the JNDI provider. The yntax of this URL depends on which JNDI provider is being used. For WebLogic JMS, leave this field blank if you are referencing WebLogic JMS objects within the same cluster. Nore Info	
JNDI Properties Credentia	I:	Any Credentials that must be set for the JNDI provider. These Credentials will be part of the properties will be passed directly to the constructor for the JNDI provider's InitialContext class. Note: For secure credential management, use the Credential field. Using the Properties field results in the credential being stored and displayed as originally entered More	



#### 2.1.4 Create foreign connection factories

- Services → Messaging → JMS Modules
- Select HostSystemModule
- Click on ForeignServer
- On the Configuration → Connection Factories tab press New
- Enter Following details
  - Name: enter a name for the foreign connection factory.
  - Local JNDI Name: specify the name that the remote object will be bound to in the local server's JNDI tree and is used to look up the object on the local server.
  - Remote JNDI Name: specify the name of the remote object that will be looked up in the remote JNDI directory.
- Click OK.

Settings for ForeignConnectionFactory							
Configuration Notes							
Save							
A foreign connection factory is a connection factory that resides on another server instance and is accessible via JNDI. A remote connection factory can be used to refer to another instance of WebLogic Server running in a different cluster or server, or a foreign provider, as long as that provider supports JNDI. Use this page to create a foreign connection factory.							
街 Name:	ForeignConnectionFactory	The name of this foreign connection factory. More Info					
④ Local JNDI Name:	HostQCF	The name that the remote object will be bound to in the local server's INDI tree. This is the name that should be used to look up the object on the local server. More Info					
街 Remote JNDI Name:	HostQCF	The name of the remote object that will be looked up in the remote JNDI firectory. More Info					

Settings for ForeignServer		
Configuration Subdeployment Notes		
General Destinations Connection Factories		

A foreign connection factory represents a connection factory that resides on another server, and which is accessible via JNDI. A remote connection factory can be used to refer to another instance of WebLogic Server running in a different cluster or server, or a foreign provider, as long as that provider supports JNDI. This page summarizes the foreign connection factories that have been created for this domain.

#### Customize this table

F	Foreign Connection Factories (Filtered - More Columns Exist)							
	New Delete Showing 1 to 1 of 1 Previous							
	🗆 Name 🏟 Local JNDI Name Remote JNDI Name							
		ForeignConnectionFactory	HostQCF	HostQCF				
	Ne	W Delete		Showing 1 to 1 of 1 Previous   Next				

#### 2.1.5 Create foreign destinations

- Services → Messaging → JMS Modules
- Select HostSystemModule



- Click on ForeignServer
- On the Configuration  $\rightarrow$  Destination tab press New
- Enter Following details
  - Name: enter a name for the foreign destination.
  - Local JNDI Name: specify the name that the remote object will be bound to in the local server's JNDI tree and is used to look up the object on the local server.
  - Remote JNDI Name: specify the name of the remote object that will be looked up in the remote JNDI directory.
- Click Ok.

ettings for ForeignDestination							
Configuration Notes							
Save							
A foreign destination (topic o remote JNDI directory, and t Use this page to configure a	or queue) is a destination on a remote server. When this destination is looked up he object will be returned from that directory. foreign destination.	on the local server, a look-up will be performed automatically on the					
縃 Name:	ForeignDestination	The name of this foreign destination. More Info					
🖞 Local JNDI Name:	HostProcess	The name that the remote object will be bound to in the local server's JNDI tree. This is the name that should be used to look up the object on the local server. More Info					
🔁 Remote JNDI Name:	HostProcess	The name of the remote object that will be looked up in the remote JNDI directory. More Info					

Configura	ation Subdeplo	oyment Notes				
General	Destinations	Connection Factories				
A foreign destination (topic or queue) can be found on a remote server. When this destination is looked up on the local server, a look-up will be performed automatically on the remote JNDI directory, and the object will be returned from that directory. This page summarizes the foreign destinations that have been created for this domain.						
New	Delete			Showing 1 to 1 of 1 Previous Next		
□     Name ↔     Local JNDI Name						
E Fore	eignDestination		HostProcess	HostProcess		
New Delete Showing 1 to 1 of 1 Previous   Next						



# JMS Step 2 - How to Create a Simple JMS Queue in Weblogic Server

#### Introduction and Definitions

A JMS queue in Weblogic Server is associated with a number of additional resources:

# 3.1 Introduction and Definitions

A JMS queue in Weblogic Server is associated with a number of additional resources:

#### **JMS Server**

A JMS server acts as a management container for resources within JMS modules. Some of its responsibilities include the maintenance of persistence and state of messages and subscribers. A JMS server is required in order to create a JMS module.

#### JMS Module

A JMS module is a definition which contains JMS resources such as queues and topics. A JMS module is required in order to create a JMS queue.

#### Subdeployment

JMS modules are targeted to one or more WLS instances or a cluster. Resources within a JMS module, such as queues and topics are also targeted to a JMS server or WLS server instances. A subdeployment is a grouping of targets. It is also known as advanced targeting.

#### **Connection Factory**

A connection factory is a resource that enables JMS clients to create connections to JMS destinations.

#### JMS Queue

A JMS queue (as opposed to a JMS topic) is a point-to-point destination type. A message is written to a specific queue or received from a specific queue.

The objects used in this example are:

#### Table 3-1

Object Name	Туре
ExtXfaceJMSServer	JMS Server
extXfaceJMSModule	JMS Module
extXfaceSubdeployment	Subdeployment
ReceiverQCF	Connection Factory
ReceiverQueue	JMS Queue

 Configuration Steps-The following steps are done in the WebLogic Server Console, beginning with the left-hand navigation menu. Create Persistent store-



- Here you have to Create a new persistent store (Once the persistent store is created that can be used for both sender and receiver serever. Hence there is no nedd to create a different persistent store for two different servers.) Hence Before creating a JMS server you need to create the Persistent store if its not already created. Follow the steps shown below for creating a persistent store.
- Select Services → Persistent Stores.

First Select Lock & Edit as shown-

ORACLE WebLogic Server Ad
Change Center
View changes and restarts
Click the Lock & Edit button to modify, add or delete items in this domain.
Lock & Edit
Release Configuration

• Select new and the select create FileStore from the list as shown below-

Persistent Stores							
New Delete Showing 1 to 6 of 6 Previous   Nex							
Create FileStore	Туре	Target	Scope	Domain Partitions			
Create ReplicatedStore (Exalogic)	FileStore	obdx_server1	Global				
Auditrilestore	FileStore	obdx_server1	Global				
EndPointFS	FileStore	obdx_server1	Global				
FileUploadFileStore	FileStore	obdx_server1	Global				
mds-owsm	FileStore		Global				
ReportsFileStore	FileStore	obdx_server1	Global				
New   Delete Showing 1 to 6 of 6 Previous   Next							



- Give the name of the filestore. Example- EndPointFS and the Directory location, example /scratch/obapi/wls. Directory location field is optional and the path given above is just an example, it may vary according to the server.
- Click Next.
- · Select the target server as shown in following snapshot-

ORACLE WebLogic Server Administration Console 12c						
Change Center	🏦 Home Log Out Preferences 🚈 Record Help					
View changes and restarts	Home >Summary of Services >Summary of Persistent Stores >Summary of Services >Summary of Persistent Stores >EndPointFS >Summary of Persistent Stores					
No pending changes exist. Click the Release	Create a New File Store					
domain.	Back Next Cancel					
Release Configuration	JMS File Store Targets					
Domain Structure	This page indicates on which WebLogic Server instances or clusters the jms file store is accessible. Only applications that have been deployed to the sele					
obdx_domain	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ensures that if the					
Environment ──Deployments	Select a server instance for this file store.					
E-Services	Target: obdx_server v					
Persistent Stores     Foreign JNDI Providers	Back Next Finish Cancel					
Work Contexts						

- Click Finish.
- Create a JMS Server
- Create a JMS Module
- Create a SubDeployment
- Create a Connection Factory
- Create a JMS Queue

#### 3.1.1 Create a JMS Server

Services → Messaging → JMS Servers



Select New



JMS Servers (Filtered - More Columns Exist)

Ne	New Delete Showing 1 to 6 of 6 Previous   Next						
	Name 🚕	Persistent Store	Target	Current Target	Health	Scope	Domain Partitions
	AsyncFailureLogJMSServer	AsyncFailureLogFileStore	obdx_server1	obdx_server1		Global	
	AuditJMSServer	AuditFileStore	obdx_server1	obdx_server1		Global	
	ExtxfaceReceiverServer	EndPointFS	obdx_server1	obdx_server1		Global	
	ExtxfaceSenderServer	EndPointFS	obdx_server1	obdx_server1		Global	
	FileUploadJMSServer	FileUploadFileStore	obdx_server1	obdx_server1		Global	
	ReportsJMSServer	ReportsFileStore	obdx_server1	obdx_server1		Global	
Ne	New         Delete         Showing 1 to 6 of 6         Previous         Next						

- Name: Give name as for example- ExtxfaceReceiverServer.
- After naming the server Click **Next** as shown in following example screenshot.

Create a New JMS Server					
Back Next Finish Cancel					
JMS Server Properties					
The following properties will be used to i * Indicates required fields	dentify your new JMS Server.				
What would you like to name your new JM	IS server?				
借 * Name:	ExtxfaceReceiverServer				
Would you like this new JMS server to be	restricted to a specific resource group template or resource group ?				
Scope: Global •					
Back Next Finish Cancel					

- **Persistent Store**: Select the name Persistent store from the dropdown list which was created in the previous step. Example-EndPointFS.
- Click Next.

Create a New JMS Server						
Back Next Finish Cancel						
Select Persistent Store						
Specify a persistent store for the new	JMS server.					
Persistent Store:	EndPointFS	Create a New Store				
Back Next Finish Cancel						

- **Target**: Target should Point to the **Weblogic server cluster** as in this case target is set to **obapi\_server1** cluster. (Or any other available cluster).
- Click Finish.

#### The JMS server should now be visible in the list.

45	Servers (Filtered - More Colu	mns Exist)					
lick	the <i>Lock &amp; Edit</i> button in the Cl	nange Center to activate all the butto	ons on this page.				
Ne	w Delete					Sho	wing 1 to 6 of 6 Previous   N
	Name 🚕	Persistent Store	Target	Current Target	Health	Scope	Domain Partitions
	AsyncFailureLogJMSServer	AsyncFailureLogFileStore	obdx_server1	obdx_server1		Global	
	AuditJMSServer	AuditFileStore	obdx_server1	obdx_server1		Global	
	ExtxfaceReceiverServer	EndPointFS	obdx_server1	obdx_server1		Global	
	ExtxfaceSenderServer	EndPointFS	obdx_server1	obdx_server1		Global	
	FileUploadJMSServer	FileUploadFileStore	obdx_server1	obdx_server1		Global	
	Reports MSServer	ReportsFileStore	obdx_server1	obdx_server1		Global	

#### 3.1.2 Create a JMS Module

• Services  $\rightarrow$  Messaging  $\rightarrow$  JMS Modules.



Select New.



Customize this table					
MS Ne	Modules			Showing 1 to 9 of 9 Previous   Next	
	Name 🙈	Туре	Scope	Domain Partitions	
	AsyncFailureLogJMS	JMSSystemResource	Global		
	AuditJMS	JMSSystemResource	Global		
	ExtxfaceReceiverModule	JMSSystemResource	Global		
	ExtxfaceReceiverModule2	JMSSystemResource	Global		
	ExtxfaceSenderModule	JMSSystemResource	Global		
	ExtxfaceSenderModule2	JMSSystemResource	Global		
	FileUploadJMS	JMSSystemResource	Global		
	ReportsJMSModule	JMSSystemResource	Global		
	UBSSystemModule	JMSSystemResource	Global		
Ne	N Delete			Showing 1 to 9 of 9 Previous   Next	

- Name: Provide name for JMS Module.
- Leave the other options empty.
- Click Next.

What would you like to name your Sy	stem Module?
* Name:	ExtxfaceReceiverModule
Would you like this new JMS System	Module to be restricted to a specific resource group template or resource group ?
Scope:	Global •
What would you like to name the des	criptor file name? If you do not provide a name, a default will be assigned.
Descriptor File Name:	
Where would like to place the descrip	tor for this System Module, relative to the jms configuration sub-directory of your domain?
Location In Domain:	
Back Next Finish Cancel	

- Targets: obapi\_Cluster(or choose any other clusters available).
- Press Next.

Servers	
AdminServer	
Clusters	
<ul> <li>obdx_cluster</li> <li>All servers in the cluster</li> <li>Part of the cluster</li> <li>ohdx server1</li> </ul>	

Leave "Would you like to add resources to this JMS system module" unchecked and press Finish .



#### Customize this table

New Delete Showing 1 to 9 of 9 Previous					
🗋 Name 🙈	Туре	Scope	Domain Partitions		
AsyncFailureLogJMS	JMSSystemResource	Global			
AuditJMS	JMSSystemResource	Global			
ExtxfaceReceiverModule	JMSSystemResource	Global			
ExtxfaceReceiverModule2	JMSSystemResource	Global			
ExtxfaceSenderModule	JMSSystemResource	Global			
ExtxfaceSenderModule2	JMSSystemResource	Global			
FileUploadJMS	JMSSystemResource	Global			
ReportsJMSModule	JMSSystemResource	Global			
UBSSystemModule	JMSSystemResource	Global			
New Delete	·	·	Showing 1 to 9 of 9 Previous   New		

## 3.1.3 Create a SubDeployment

A subdeployment is not necessary for the JMS queue to work, but it allows you to easily target subcomponents of the JMS module to a single target or group of targets. We will use the subdeployment in this example to target the following connection factory and JMS queue to the JMS server we created earlier.

- Services → Messaging → JMS Modules.
- Select ExtxfaceReceiverModule.

MS	Modules			
Ne	v Delete			Showing 1 to 9 of 9 Previous   Next
	Name 🙈	Туре	Scope	Domain Partitions
	AsyncFailureLogJMS	JMSSystemResource	Global	
	AuditJMS	JMSSystemResource	Global	
	ExtxfaceReceiverModule	JMSSystemResource	Global	
	ExtxfaceReceiverModule2	JMSSystemResource	Global	
	ExtxfaceSenderModule	JMSSystemResource	Global	
	ExtxfaceSenderModule2	JMSSystemResource	Global	
	FileUploadJMS	JMSSystemResource	Global	
	ReportsJMSModule	JMSSystemResource	Global	
	UBSSystemModule	JMSSystemResource	Global	

• Select the Subdeployments tab and click New.



Setting	s for Ext	xfaceReceiverModu	le				
Config	uration	Subdeployments	Targets	Security	Notes		
This facto Cust Subd	page disp rries) are tomize ti leployme	lays subdeployments o grouped and targeted nis table unts	created for to a server	a JMS syste resource (s	m module uch as JM	e. A subdeployment is a mechanism by which JMS modul IS servers, server instances, or cluster).	e resources (such as queues, topics, and connection
Nev	New Delete Showing 1 to 1 of 1 Previous   Next						
	Name 4	\$			R	lesources	Targets
	Extxface	ReceiverSubDep			Ð	xtxfaceReceiverQueue	ExtxfaceReceiverServer
Nev	Dele	te					Showing 1 to 1 of 1 Previous   Next

- Subdeployment Name: give subdeployment name. example- ExtxfaceReceiverSubDep
- Press Next.

Create a New Subdeployment		
Back Next Finish Cancel		
Subdeployment Properties		
The following properties will be used to identify your new s * Indicates required fields	deployment.	
* Subdeployment Name:	ExtxfaceReceiverSubDep	
Back Next Finish Cancel		

- Here you can select the target(s) for the subdeployment. You can choose either Servers (i.e. WebLogic managed servers, such as the **obapi\_server**) or JMS Servers such as the JMS Server created earlier. As the purpose of our subdeployment in this example is to target a specific JMS server, we will choose the JMS Server option.
- Press Finish.

#### Targets

Please select targets for the Subdeployment

Clusters			
<ul> <li>obdx_cluster</li> <li>All servers in the cluster</li> <li>Part of the cluster</li> <li>obdx_server1</li> </ul>			
JMS Servers			
AsyncFailureLogJMSServer			
AuditJMSServer			
ExtxfaceReceiverServer			
ExtxfaceSenderServer			
FileUploadJMSServer			
ReportsJMSServer			
Back Next Finish Cancel			

# 3.1.4 Create a Connection Factory

- Services → Messaging → JMS Modules
- Select ExtxfaceReceiverModule and press New.

New Delete Showing 1 to 9 of 9 Previous   N						
)	Name 🏟	Туре	Scope	Domain Partitions		
D	AsyncFailureLogJMS	JMSSystemResource	Global			
)	AuditJMS	JMSSystemResource	Global			
D	ExtxfaceReceiverModule	JMSSystemResource	Global			
D	ExtxfaceReceiverModule2	JMSSystemResource	Global			
0	ExtxfaceSenderModule	JMSSystemResource	Global			
0	ExtxfaceSenderModule2	JMSSystemResource	Global			
]	FileUploadJMS	JMSSystemResource	Global			
)	ReportsJMSModule	JMSSystemResource	Global			
	UBSSystemModule	JMSSystemResource	Global			



Customize this table

Summary of Resources						
Nev	New Delete Showing 1 to 2 of 2 Previous   Next					
	Name 🙈	Туре	JNDI Name	Subdeployment	Targets	
	ExtxfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1	
	ExtxfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtxfaceReceiverSubDep	ExtxfaceReceiverServer	
New Delete Showing 1 to 2 of 2 Previous   Next						

#### • Select Connection Factory and click Next.

Create a New JMS System Module Resource							
Back Next Finish Cancel	Back Next Finish Cancel						
Choose the type of resource you want to create.							
Use these pages to create resources in a JMS system module, such as queues, topics, t	emplates, and connection factories.						
Depending on the type of resource you select, you are prompted to enter basic informa connection factories, distributed queues and topics, foreign servers, and JMS SAF desti can also associate targetable resources with subdeployments, which is an advanced me	Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.						
Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info						
O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info						
🔘 Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info						

- Name: Give name of the connection factory example- ExtxfaceReceiverQCF. JNDI Name: ExtSystemReceiverQCF.
- Click Next.

Create a New JMS System Module Resour	ce
Back Next Finish Cancel	
Connection Factory Properties	
The following properties will be used to ider	tify your new connection factory. The current module is ExtxfaceReceiverModule.
* Indicates required fields	
What would you like to name your new conn	action factory?
* Name:	ExtxfaceReceiverQCF
What JNDI Name would you like to use to loo	k up your new connection factory?
JNDI Name:	ExtSystemReceiverQCF
The Connection Factory Subscription Sharing sharable?	Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be
Subscription Sharing Policy:	Exclusive •
The Client ID Policy indicates whether more t subscribers. Subscriptions created with differ	han one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable ant Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?
Client ID Policy:	Restricted •
A connection factory can limit the number of	messages that can queued for an asynchronous session. Should this connection factory impose a limit?
Maximum Messages per Session:	10

Select Default Targeting Enabled and Press Finish

• The connection factory should be listed on the following page with **Default Targeting** as Subdeployment and WebLogic cluster as the target.

# 3.1.5 Create a JMS Queue

- Services → Messaging → JMS Modules
- Select ExtxfaceReceiverModule and Click New.

Customize this table									
JMS	JMS Modules								
Ne	New Delete Showing 1 to 9 of 9 Previous   Next								
	Name 🗞	Туре	Scope	Domain Partitions					
	AsyncFailureLogJMS	JMSSystemResource	Global						
	AuditJMS	JMSSystemResource	Global						
	ExtxfaceReceiverModule	JMSSystemResource	Global						
	ExtxfaceReceiverModule2	JMSSystemResource	Global						
	ExtxfaceSenderModule	JMSSystemResource	Global						
	ExtxfaceSenderModule2	JMSSystemResource	Global						
	FileUploadJMS	JMSSystemResource	Global						
	ReportsJMSModule	JMSSystemResource	Global						
	UBSSystemModule	JMSSystemResource	Global						
Ne	W Delete			Showing 1 to 9 of 9 Previous   Next					

#### Customize this table

Su	Summary of Resources					
Ν	New Delete Showing 1 to 2 of 2 Previous   Next					
	□ Name A Type JNDI Name Subdeployment Targets					
	ExtxfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1	
	ExtxfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtxfaceReceiverSubDep	ExtxfaceReceiverServer	
Ν	New Delete Showing 1 to 2 of 2 Previous   Next					

#### Select Queueand Click Next.

Back Next Finish Cancel	
Use these pages to create resource you want to create. Use these pages to create resources in a JMS system module, such a Depending on the type of resource you select, you are prompted to e connection factories, distributed gueues and topics, foreign servers, can also ascoriate target balle resources with subfactoruments which	is queues, topics, templates, and connection factories. enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You is an advanced mechanism for crowing MS module resources and the members to server resources.
Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info
🛛 Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, bu which are accessible as a single, logical queue to JMS clients. More Info

• Name: Provide name of the message queue. example- ExtxfaceReceiverQueue. JNDI Name: Provide JNDI name. example- ExtSystemReceiverQueue.

#### Template: None.

• Press Next.

Create a New JMS Sys	Create a New JMS System Module Resource							
Back Next Finis	Back Next Finish Cancel							
JMS Destination Pro	operties							
The following properti	ies will be used to identify your new Queue. The current module is ExtxfaceReceiverModule.							
* Indicates required field	ds							
* Name:	ExtxfaceReceiverQueue							
JNDI Name:	ExtSystemReceiverQueue							
Template: None v								
Back Next Finis	sh Cancel							

- **Subdeployments:** Give the name of the sub-deployment name in which Queue is supposed to be added. **Example-** ExtxfaceReceiverSubDep.
- Select the Target as ExtxfaceReceiverServer

Click Finish.

The following properties will be used to target your new JMS system module resource.         Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, during of Sargent. If necessary, you can create a new subdeployment by clicking the Create a New Subdeployment button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment page.         Select the subdeployment you want to use. If you select (none), no targeting will occur.         Subdeployments:       ExtxfaceReceiverSubDep          Create a New Subdeployment          What targets do you want to assign to this subdeployment?         Targets :         JMS Servers         AsyncFailureLogJMSServer         ExtxfaceReceiverServer         ExtxfaceReceiverServer         FileUploadJMSServer         FileUploadJMSServer         ReportsJMSServer	Back Next Finish Cancel								
Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server is a new subdeployment by clicking the <b>Create a New Subdeployment</b> button. You can also reconfigure subdeployment page. Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployments: ExtxfaceReceiverSubDep Create a New Subdeployment What targets do you want to assign to this subdeployment? Targets :  JMS Servers AxyncFailureLogJMSServer AuditJMSServer FileUploadJMSServer FileUploadJMSServer FileUploadJMSServer	The following properties will be used to target your new JMS system module resource								
Select the subdeployment you want to use. If you select (none), no targeting will occur.  Subdeployments: ExtxfaceReceiverSubDep Create a New Subdeployment What targets do you want to assign to this subdeployment? Targets :  JMS Servers AsyncFailureLogJMSServer AuditJMSServer ExtxfaceReceiverServer ExtxfaceReceiverServer FileUploadJMSServer ReportsJMSServer	Use this page to select a su instance, cluster, or SAF ag targets later by using the p	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the <b>Create a New Subdeployment</b> button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.							
subdeployments: ExtxfaceReceiverSubDep • Create a New Subdeployment   What targets do you want to assign to this subdeployment?   Targets :     JMS Servers   AsyncFailureLogJMSServer   AduitJMSServer   ExtxfaceReceiverServer   ExtxfaceSenderServer   FileUploadJMSServer   ReportsJMSServer	Select the subdeployment yo	ou want to use. If you select (none), no targeting will occur.							
What targets do you want to assign to this subdeployment? Targets :  MS Servers AsyncFailureLogJMSServer AuditJMSServer ExtxfaceReceiverServer ExtxfaceSenderServer FileUploadJMSServer ReportsJMSServer	Subdeployments:	ExtxfaceReceiverSubDep  Create a New Subdeployment							
Targets : MS Servers AsyncFailureLogJMSServer AuditJMSServer ExtxfaceReceiverServer ExtxfaceSenderServer FileUploadJMSServer ReportsJMSServer	What targets do you want to	p assign to this subdeployment?							
JMS Servers         AsyncFailureLogJMSServer         AuditJMSServer         ExtxfaceReceiverServer         ExtxfaceSenderServer         FileUploadJMSServer         ReportsJMSServer	Targets :								
AsyncFailureLogJMSServer         AuditJMSServer         ExtxfaceReceiverServer         ExtxfaceSenderServer         FileUploadJMSServer         ReportsJMSServer	JMS Servers								
AuditJMSServer  ExtxfaceReceiverServer  ExtxfaceSenderServer  FileUploadJMSServer  ReportsJMSServer	AsyncFailureLogJMSS	ierver							
ExtxfaceReceiverServer  ExtxfaceSenderServer  FileUploadJMSServer  ReportsJMSServer	AuditJMSServer								
ExtxfaceSenderServer     FileUploadJMSServer     ReportsJMSServer	ExtxfaceReceiverServ	ver in the second se							
FileUploadJMSServer     ReportsJMSServer	C ExtxfaceSenderServer								
ReportsJMSServer	FileUploadJMSServer								
	ReportsJMSServer								

The **ReceiverQueueshould** be listed on the following page with Sub-deployment as **ExtxfaceReceiverSubDep** and target as **ExtxfaceReceiverServer**.



Customize this table

Summary of Resources						
Ne	New Delete Showing 1 to 2 of 2 Previous   Next					
	Name 🖚	Туре	JNDI Name	Subdeployment	Targets	
	ExtxfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1	
	ExtxfaceReceiverQueue Queue ExtSystemReceiverQueue ExtxfaceReceiverSubDep ExtxfaceReceiverServer					
Ne	New Delete Showing 1 to 2 of 2 Previous   Next					

Confirm the resources for the **ExtxfaceReceiverModule**. Using the Domain Structure tree, navigate to Services  $\rightarrow$  Messaging  $\rightarrow$  JMS Modules then select **ExtxfaceReceiverModule**.

Domain Structure					
obdx_domain   Domain Partitions  Denomin Partitions  Denomin  Denomin  Denomin  Services	Cus JMS	tomize this table Modules w Delete			Showing 1 to 9 of 9 Previous   Next
-Messaging -JMS Servers		Name 🖚	Туре	Scope	Domain Partitions
Store-and-Forward Agents     Store-and-Forward Agents     Difference     Description:      Descri		AsyncFailureLogJMS	JMSSystemResource	Global	
Bridges     Total Sources		ExtxfaceReceiverModule	JMSSystemResource	Global	
Persistent Stores		ExbxfaceReceiverModule2 ExbxfaceSenderModule	JMSSystemResource JMSSystemResource	Global Global	
How do I		ExtxfaceSenderModule2	JMSSystemResource	Global	
Configure JMS system modules		FileUploadJMS	JMSSystemResource	Global	
Configure resources for JMS system modules		ReportsJMSModule	JMSSystemResource	Global	
System Status		UBSSystemModule	JMSSystemResource	Global	
System Status		w Delete			Showing 1 to 9 of 9 Previous   Next

#### You should see the following resources-

Customize this table						
Summary of Resources						
Ne	w Delete			s	Showing 1 to 2 of 2 Previous   Next	
	Name 🗠	Туре	JNDI Name	Subdeployment	Targets	
	ExtxfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1	
	ExtxfaceReceiverQueue Queue ExtSystemReceiverQueue ExtxfaceReceiverSubDep ExtxfaceReceiverServer					
Ne	New Delete Showing 1 to 2 of 2 Previous   Next					

The JMS queue is now complete and can be accessed using the JNDI names

ExtSystemReceiverQCF And ExtSystemReceiverQueue.

#### Note:

Repeat the above process from the step **Create File-Store to create the JMS Configuration for Sender module**. Separate JMS Server, Module and Queues would get created for Sender.



# 4 JMS Creation

- Sample creation of Queue
- Sample Creation of Topic
- Sample creation of Connection Factory

# 4.1 Sample creation of Queue

1. Step 1:

Go to the path where you want to create the Queue.

(E.g., Home  $\rightarrow$  Services  $\rightarrow$  Messaging  $\rightarrow$  JMS Modules  $\rightarrow$  MultipleTransactionApprovalJMSModule)

Get the lock and edit in WebLogic.

Click on New.

Then select uniform Queue from the options.

(Sech) (Sech) (Careal)	
Chosse the type of resource you want to create.	
Use these pages to create resources in a 2HS sockers mobile, such as piecess to	apics, templates, and connection factories.
Depending on the tops of resource yes select, you are prompted to onter basic in passes and topics, hongo servers, and 201 SeP destinations, you can also pro- induct is an advanced mechanism for grouping 201 module resources and the re-	Animatan far oresting for mesonis, for langstable resource, like stand-store gatests and lapors, connection factores, detrificant and to segand gates for subscript appropriate server targets. The care with especials targeteries wearvers with subsequences, enders to selver resources.
Consection Factory	Enforce a set of convencion configuration parameters that are used to could exercisitize for 201 clusters. Runs 244.
C Queue	Earlines is patient-to-patient dominantian types, which are would for any information power communications, a non-single definite of the a queries is shall builded to only one community. Howe Sales.
О Торк.	Extrans a publicit/industrien destination type, which are used for any extension preor connected states. A reastingle definited to a topic is distributed to all topic connectes. Here DM-is.
Contributed Queue	Defines a cert of general that are detrificated on multiple 2HS servers, but which are eccessible as a single, logical genera to 2HS clears. Here Selfs
C Distributed Topic	Defines a set of imput that are detributed on welface 20% servers, but which are accessible as a single, legisli trgit in 205 classic. Here Julia
🔿 Porsign Screer	Enditions forwards contempored providitions or interceds Units oper Service instances that are not part of the content observation. Have before
C Quela	Controls the all streams of system resources available to distinations. Place, infer-
O Destination Sort Key	Defines a unage sort order that distinctions can apply to entering recouper. Here Mine
O JHS Tunglate	Defines a set of default configuration settings for multiple destinations. Here 346
SAF Imported Destinations	Defined a collection of response draws and forward (SMF) destinations, A SMF indefinition is a representation of a gauss of togets in a remote server todance or Collection (in a longeround with the list of collect and the remote indefinition), and the list focult and the remote and the longeround responses to the remote server todances or collection. The longeround basis

2. Step 2 : Then fill in the data such as Name of the Queue and the JNDI Name from the Table given at the start of the document. Then click on **Next**.



KK And Frish	Canad
1915 Costributed Dealte	allon Properties
The following properties in Industries required fields	ill be used to identify your new Distributed Quese. The current module is HuitpleTlansactionApproaDHS
lithet would you like to nee	re your new destination?
Name	MultipleTransactionServiceIn
What 2000 Name would yo	u like to use to look up your new destination?
INDE Name:	MultipleTransactionServiceRevocationQueue
Queue members may be et	ther created uniformity from a common configuration, or created and unsighted individually to five tune performance. How would you like to create gauge members?
Destination Type:	Unitern 👻
templates provide an effici	ort means of defining multiple destinations with another configuration values. Would you like to use a tempfate for this distination?
femplates	None ¥

**3.** Step 3 : Then select on advanced targeting.

dana module revource
area will be targeted. The default targets are based on the parent 2015 notion module targets. 21 you do not want to accept the default target for targeting this resource.
or neo INS system module resource. If the module's segets we changed, this resource will also be retargated appropriately.

4. Step 4 : Then select MultipleTransactionApprovalSD from the subdeployments dropdown and make sure to select MultipleTransactionApprovalJMSServer in the targets and then click on **Finish**.

Select the subdeployment yo	w want to use. If you select (none), no targeting will	l occur.
Subdeployments:	MultipleTransactionApprovalSD ~	Create a New Subdeployment
	(none)	
What targets do you want to	assign to Multiple Transaction Approval SD	

JHS Servers	
AccountAccessJMSServer	
AuditJMSServer	
AuthJMSServer	
ExtSystemReceiver	
ExtSystemSender	
FileUploadJHSServer	
GafJM55erver	
] JPACacheJMSServer	
MultipleTransactionApprovalDMSServer	
PartyHovementReportJH5Server	
PaymentJMSServer	
PoliciesJHSServer	
ReportsJM5Server	
UserGroupUser)MSServer	

# 4.2 Sample Creation of Topic

1. Step 1:

Go to the following path : Home  $\rightarrow$  Services  $\rightarrow$  Messaging  $\rightarrow$  JMS Modules  $\rightarrow$  MultipleTransactionApprovalJMSModule

Get the lock and edit in WebLogic.

Click on New.

Then select Distributed Topic from the options.

O Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
○ Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info
() Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
O Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. More Info
Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
O Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
○ Quota	Controls the allotment of system resources available to destinations. More ${\rm Info}_{\cdots}$
O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
) JMS Template	Defines a set of default configuration settings for multiple destinations. More Info

2. Step 2 : Then fill out the Name and JNDI name of the connection Factory that you are creating.

reate a new JPIS System P	DUQUE RESOURCE
Back Next Finish	Cancel
JHS Distributed Destinat	ion Properties
The following properties will	be used to identify your new Distributed Topic. The current module is MultipleTransactionApprovaDM5
Indicates required fields	
What would you like to name	your new destination?
* Name:	SampleTopic1
What JNDI Name would you i	ke to use to look up your new destination?
JNDI Name:	SampleTopic1
Topic members may be either	created uniformly from a common configuration, or created and weighted individually to fine tune performance. How would you like to create topic members?
Destination Type:	Uniform 👻
The Forwarding Policy for a to	pic defines how messages are forwarded to members. What forwarding policy would you like to use for this new destination?
Forwarding Policy:	Partitioned 🛩
Templates provide an efficient	means of defining multiple destinations with similar configuration values. Would you like to use a template for this destination?
Template:	None 🗸
Back Next Finish	Cancel

Note: Make sure the Forwarding policy is partitioned.



3. Step 3 : Click on Finish

accept the default t	w and accept the defaul argets, then click Advar	It targets where this JMS in nced Targeting to use the	resource will be targeted. The defa the subdeployment mechanism for t	ult targets argeting th
The following JMS m appropriately.	odule targets will be use	ed as the default targets fo	for your new JMS system module re	source. If
argets :				
Clusters				
obdy Cluster				
- Obux_cluster	in the cluster			
All servers				
All servers	cluster			
All servers Part of the	cluster			
All servers Part of the obdx_ser	cluster ver1			

#### Sample topic is created

Home >Summary of JMS Modules >MultipleTransactionApprovalJMS >Summary of Services >Summary of Servic JMS >Summary of JMS Modules > <b>GcifJMS</b>
Messages
The JMS distributed topic was created successfully.
Settings for GcifJMS

0	SampleTopic1	Uniform Distributed Topic	SampleTopic1	Default Targeting	obdx_Cluster
	SampleQueue	Uniform Distributed Queue	SampleQueue	GdfSD	GcifJMSServe
0	OnboardingDraftDeleteTopic	Uniform Distributed Topic	OnboardingDraftDeleteTopic	Default Targeting	obdx_Cluster
0	Automatic Based and Automatic	Hollow Problem and Texts	Colored a Destate Train	Data & Danation	-

# 4.3 Sample creation of Connection Factory

#### 1. Step 1:

Go to the path where you wan to create a connection Factory.

(E.g., Home  $\rightarrow$  Services  $\rightarrow$  Messaging  $\rightarrow$  JMS Modules  $\rightarrow$  MultipleTransactionApprovalJMSModule)

Get the lock and edit in WebLogic.

Click on New. Then select Connection Factory from the options.



#### Note:

If the Connection Factory is already present with another Sub deployment and Target please delete it and make it fresh.

Red Inet Print Cent	
Choose the type of resource you want to create.	
Use these pages to create resources in a 2HS sockers mobile, such as preven-	topics, templeties, and connection factories.
Depending on the type of resource you select, you are prompted to only basic passes and typics, foreign servers, and 245 SVF destinations, you can also pro- which is an advanced mechanism for grouping 245 module resources and the r	advantages for centring the resource, for longetable resources, like identifiative potents and larges, controllow features, debilished and in transfers pages for address a garagement answer targets. This can also associate targetable associate with subdeployments, terrifiers to solver resources.
Consection Factory	Enforce a set of connection configuration parameters that are used to condu- operations for 201 cluster. How 2010, -
⊖ Quest	Earlines a paint-to-paint distinuist type, which are used for acyochronous point conversion around. A requiring a distinct of to a speed to dub build to only one conversion. Here 30%
О Торк.	Earlines: a publicit/columnities destination type, which are used for an excitoneeus peer constantications. A require distorted for a taper, is debtificated to of taper, constantications. There Differ.
Castributed Queue	Enditions a cart of guarant that are distributed on multiple 245 servers, but which are accumulate as a single, logical guorant to 245 chards. Hong loft-
C Distributed Topic	Defines a set of larges that are detrificted on and the 24th servers, but which are accessible as a single, legislicit trace to 24th clearly. Mare 24th
C Porsign Screen	Earlinest Spraips seemiging providers or rewrite Welkinger Server instances that are not part of the correct iteman. Place John.
C Quete	Controls the advances of system resources available to distinctions. Place links.
O Destination Sort Key	Defines a unique sort order that distinctions can apply to enverop resources. Here Define
O JHS Tunglate	Defines a set of default configuration artistics for multiple destinations. Here 306.
C SAF Imported Destinations	Definite a collection of imported strate-and-forward (SMF) destinations, A full destination is a separamentation of a game arise in last in a remote summer induces a content that is imported with the local content arises with induces and anyone induces any chains and and separate in the first relative more induces any

2. Step 2 : Then fill out the Name and JNDI name of the connection Factory that you are creating.

Create a new 20th system Plobule Reso	
Back Inext (Fresh) (Carcel)	
Connection Factory Properties	
The following properties will be used to id * Industrial fields	entify your new connection factory. The current module is MultipleTransactionApprovaDHS.
What would you like to name your new con-	ntaction factory?
* Nomes	MultipleTransactionServiceIn
What 2520 flame would yea like to use to i	kels up your new connection factory?
JNDI Names	MultipleTransactionServiceInvocationQCF
The Connection Pactery Subscription Share	g Palicy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using the factory be sharehie?
Subscription Sharing Policy:	Exclusive 🛩
The Client ID Policy indicates whether man with different Client ID policies are already	ethan are 3MS connection can use the same Cleart ID, Grade recommends setting the Cleart ID pailor to Unrestricted if sharing durable subscriptors. Subscriptors created tradeed as independent subscriptora. What Cleart ID Pailor would you like its use?
Client 10 Policy:	Restricted 🛩
A cannedian factory can limit the number of	at messages that can queued for an approximate session. Should this connection factory inquise a limit?
Hastman Heasages per Season:	10
Should this connection factory create sesse	ons that are JTA aware, and create XA gooues and XA topics?
XA Connection Factory Enabled	
Dould the authenticated user name be ath	ached to sent messages if the 3HS destination is configured to support this behavior ?
Attach 2015X UserID	
Eack [Next] Finish [Gancel]	

3. Step 3 : Then on the next page. Select advanced Targeting.

Back (Heid) (Finish) (Advanced Targeting) (Cancel
The following properties will be used to target your new 2HS system module resource. Use this page to view and accept the default targets where this 2HS resource will be targeted. This default targets are based on the parent 3HS system module targets. If you do not vanit to accept the default targets, then click <b>Advanced Targeting</b> to use the subdeployment mechanism for targeting this restaute.
The following 295 module targets will be used as the default targets for your new 295 system module resource. If the module's targets are changed, this resource oil also be retargeted appropriately.

And then select MultipleTransactionApprovalSD from the Sub deployments dropdown.

Select the subdeployment you	want to use. If you select (none), no targeting wil	l occur.
Subdeployments:	MultipleTransactionApprovalSD ~	Create a New Subdeployment
	(none)	
What targets do you want to	assign to Multiple Transaction Approval SD	
Targets :		

Then select MultipleTransactionApprovalJMSServer from the targets and then click on **Finish**.

JMS Servers	
AccountAccessJMSServer	
AuditJHSServer	
AuthJMSServer	
ExtSystemReceiver	
ExtSystemSender	
FileUploadJMSServer	
GcifJMSServer	
JPACacheJHSServer	
MultipleTransactionApprovalJMSServer	
PartyMovementReportJMSServer	
PaymentJMSServer	
PoliciesJMSServer	
ReportsJMSServer	
UserGroupUserJMSServer	

This process need to be repeated for all the Queues and Connection Factories given in the table a the start of the document.

Once the entire process is done. The final list of the Queues and the Connection Factories should look something like this.



#### Summary of Resources

Click the Lock & Edit button in the Change Center to activate all the buttons on this page.

Ne	w] [Delete]	Showing 1 to 5 of 5 Previous   Next			
	Name 🕫	Туре	JNDI Name	Subdeployment	Targets
1	HultpleTransactionServiceInvocationQCF	Connection Factory	HubpleTransactionServiceInvocationQCF	MultipleTransactionApprovalSD	MultipleTransactionApproval2HSServer
7	HultpleTransactionServiceInvocationQueue	Uniform Distributed Queue	MultipleTransactionServiceInvocationQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalDHSServer
	HultpleTransactionServiceInvocationResponseQCF	Connection Factory	MultipleTransactionServiceTryocationResponseQCF	MultipleTransactionApprovalSD	MultipleTransactionApprovalDHSServer
	HultpleTransactionServiceInvocationResponseQueue	Uniform Distributed Queue	HultipleTransactionServiceInvocationResponseQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalDMSServer
	HultpleTransactionServiceInvocationTopic	Uniform Distributed Topic	MultipleTransactionServiceInvocationTopic	Default Targeting	obdx_duster

And the sub deployments should look something like this.

#### Subdeployments

Click the Lock & Edit button in	the Change Center to activate all the buttons on this page.	
		Showing 1 to 2 of 2 Previous   Next
Name 🙃	Resources	Targets
Default Targeting		obdx_duster
MultipleTransactionApprovalSD	MultipleTransactionServiceInvocationResponseQueue, MultipleTransactionServiceInvocationQueue, MultipleTransactionServiceInvocationQOF, MultipleTransactionServiceInvocationResponseQCF	MultipleTransactionApproval3HSServer
		Showing 1 to 2 of 2 Previous   Next



# 5 JMS Configuration

- Access Functionality
- Audit Functionality
- Authentication Functionality
- ExtSystemReceiver Functionality
- ExtSystemSender Functionality
- File Upload Functionality
- GCIF Functionality
- jpa-cache Functionality
- Multiple Transaction Approval Functionality
- NotificationServer Functionality
- OBPMSystemModule
- Payment Functionality
- Policies Functionality
- Reports Functionality
- UBSSystemModule functionality
- UserGroupUser Functionality
- Party Movement Report Functionality

# **5.1 Access Functionality**

- Regular Access Functionality
- Account Access for a particular bucket
- Account Access in Bulk
- Subdeployment View

## 5.1.1 Regular Access Functionality

Changes to User Account Access when there is change in Party Account Access.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	AccountAccess QCF	Connection Factory	AccountAccess QCF	Default Targeting	obdx_cluster
2.	ACCOUNTACC ESSQUEUE	Uniform Distributed Queue	ACCOUNTACC ESSQUEUE	AccessSD	AccessJMSMod ule



# 5.1.2 Account Access for a particular bucket

For splitting bulk account access request to multiple requests. If count of accounts is greater than dayone config value then request is split into N buckets which are handled parallelly.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1	ACCOUNT_AC CESS_ASYN_B UCKET_QCF	Connection Factory	ACCOUNT_AC CESS_ASYN_B UCKET_QCF	Default Targeting	obdx_cluster
2.	ACCOUNT_AC CESS_ASYN_B UCKET_QUEU E	Uniform Distributed Queue	ACCOUNT_AC CESS_ASYN_B UCKET_QUEU E	AccessSD	AccessJMSMod ule

#### 5.1.3 Account Access in Bulk

Each request received on this queue will call Host in paginated manner and update status once completed.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	ACCOUNT_AC CESS_ASYN_B ULK_QCF	Connection Factory	ACCOUNT_AC CESS_ASYN_B ULK_QCF	Default Targeting	obdx_cluster
2.	ACCOUNT_AC CESS_ASYN_B ULK_QUEUE	Uniform Distributed Queue	ACCOUNT_AC CESS_ASYN_B ULK_QUEUE	AccessSD	AccessJMSMod ule

## 5.1.4 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1.	AccessSD	ACCOUNTACCESSQUE UE, ACCOUNT_ACCESS_A SYN_BUCKET_QUEUE, ACCOUNT_ACCESS_A SYN_BULK_QUEUE	AccessJMSModule

# 5.2 Audit Functionality

- Audit Functionality
- Subdeployment View

## 5.2.1 Audit Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	API_AUDIT_QU EUE	Uniform Distributed Queue	API_AUDIT_QU EUE	AuditSD	AuditJMSServer
2.	AUDITQCF	Connection Factory	AUDITQCF	Default Targeting	obdx_cluster
3.	AUDIT_ANALY TICS_QUEUE	Uniform Distributed Queue	AUDIT_ANALY TICS_QUEUE	AuditSD	AuditJMSServer
4.	AUDIT_QUEUE	Uniform Distributed Queue	AUDIT_QUEUE	AuditSD	AuditJMSServer

## 5.2.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1.	AuditSD	AUDIT_QUEUE, API_AUDIT_QUEUE, AUDIT_ANALYTICS_Q EUE	AuditJMSServer U

# **5.3 Authentication Functionality**

- Authentication Functionality
- Subdeployment View

## 5.3.1 Authentication Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1	AUTHAUDITQC F	Connection Factory	AUTHAUDITQC F	Default Targeting	obdx_cluster
2.	AUTH_API_AU DIT_QUEUE	Uniform Distributed Queue	AUTH_API_AU DIT_QUEUE	AuthSD	AuthJMSModul e

## 5.3.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1.	AuthSD	AUTH_API_AUDIT_QUE UE	AuthJMSModule



# 5.4 ExtSystemReceiver Functionality

- ExtSystemReceiver Functionality
- Subdeployment View

## 5.4.1 ExtSystemReceiver Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	ExtSystemRece iverQCF	Connection Factory	ExtSystemRece iverQCF	Default Targeting	obdx_cluster
2.	ExtSystemRece iverQueue	Uniform Distributed Queue	ExtSystemRece iverQueue	ExtSystemRece iverSub	ExtSystemRece iver

#### 5.4.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	ExtSystemReceiverSub	ExtSystemReceiverQue	ExtSystemReceiver
		ue	

# 5.5 ExtSystemSender Functionality

- ExtSystemSender Functionality
- Subdeployment View

## 5.5.1 ExtSystemSender Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	ExtSystemSend erQCF	Connection Factory	ExtSystemSend erQCF	Default Targeting	obdx_cluster
2.	ExtSystemSend erQueue	Uniform Distributed Queue	ExtSystemSend erQueue	ExtSystemSend erSub	ExtSystemSend er

#### 5.5.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	ExtSystemSenderSub	ExtSystemSenderQueue	ExtSystemSender

# 5.6 File Upload Functionality

Bulk CMS functionality



- BULK PAYMENT FUNCTIONALITY
- BULK SCFCM FUNCTIONALITY
- BULK Electronic Bill Payment Processing and Approval
- BULK CORPORATE LOAN PROCESSING AND APRROVAL
- Subdeployment View

## 5.6.1 Bulk CMS functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	BULKCMS_PR EPROCESS	Uniform Distributed Queue	BULKCMS_PR EPROCESS	FileUploadSD	FileUploadJMS Server
2.	BULKCMS_RA PPROVAL	Uniform Distributed Queue	BULKCMS_RA PPROVAL	FileUploadSD	FileUploadJMS Server

## 5.6.2 BULK PAYMENT FUNCTIONALITY

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	BULKPAYMENT _PREPROCES S	Uniform Distributed Queue	BULKPAYMENT _PREPROCES S	FileUploadSD	FileUploadJMS Server
2.	BULKPAYMENT _PROCESS	Uniform Distributed Queue	BULKPAYMENT _PROCESS	FileUploadSD	FileUploadJMS Server
3.	BULKPAYMENT _RAPPROVAL	Uniform Distributed Queue	BULKPAYMENT _RAPPROVAL	FileUploadSD	FileUploadJMS Server

## 5.6.3 BULK SCFCM FUNCTIONALITY

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	BULKSCFCM_ PREPROCESS	Uniform Distributed Queue	BULKSCFCM_ PREPROCESS	FileUploadSD	FileUploadJMS Server

# 5.6.4 BULK Electronic Bill Payment Processing and Approval

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	BULKEBPP_PR EPROCESS	Uniform Distributed Queue	BULKEBPP_PR EPROCESS	FileUploadSD	FileUploadJMS Server



Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
2.	BULKEBPP_RA PPROVAL	Uniform Distributed Queue	BULKEBPP_RA PPROVAL	FileUploadSD	FileUploadJMS Server

# 5.6.5 BULK CORPORATE LOAN PROCESSING AND APRROVAL

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	BULKCORPOR ATELOAN_PRE PROCESS	Uniform Distributed Queue	BULKCORPOR ATELOAN_PRE PROCESS	Default Targeting	obdx_cluster
2.	BULKCORPOR ATELOAN_RAP PROVAL	Uniform Distributed Queue	BULKCORPOR ATELOAN_RAP PROVAL	Default Targeting	obdx_cluster

# 5.6.6 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	FileUploadSD	RAPPROVAL, PREPROCESS, BULKVAM_RAPPROVA L, BULKVAM_PREPROCE SS, BULKTRADEFINANCE_ RAPPROVAL, BULKTRADEFINANCE_ PREPROCESS, BULKSCFCM_RAPPRO VAL, BULKSCFCM_PREPRO CESS, BULKPAYMENT_RAPP ROVAL, BULKPAYMENT_PREP ROCESS, BULKEBPP_RAPPROV AL, BULKEBPP_PREPROC ESS, BULKEBPP_PREPROCE SS, BULKCMS_PREPROCE SS, BULKCMS_PREPROCE SS, BULKPAYMENT_PROC ESS	FileUploadJMSServer

# 5.7 GCIF Functionality

Onboarding Draft updation functionality

- Access point functionality
- Report mapping functionality at GCIF level
- GCIF onboarding draft functionality
- GCIF party functionality
- GCIF processing party
- GCIF profile creation and updation functionality
- GCIF report mapping functionality at user level
- GCIF Rule functionality
- GCIF USER ACCESS functionality
- GCIF USERGROUP functionality
- GCIF User create and update functionality
- GCIF workflow create functionality
- GCIF Onboarding Draft cancellation functionality
- Subdeployment View

#### 5.7.1 Onboarding Draft updation functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GcifOnboarding DraftUpdateQC F	Connection Factory	GcifOnboarding DraftUpdateQC F	Default Targeting	obdx_cluster
2.	GcifOnboarding DraftUpdateQu eue	Uniform Distributed Queue	GcifOnboarding DraftUpdateQu eue	Default Targeting	obdx_cluster

Updation of GCIF Status after the GCIF is System Rejected by approval.

## 5.7.2 Access point functionality

Changes to Party Account Access is handled by these queues.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_ACCESS _POINT_UPDA TE_QCF	Connection Factory	GCIF_ACCESS _POINT_UPDA TE_QCF	Default Targeting	obdx_cluster
2.	GCIF_ACCESS _POINT_UPDA TE_QUEUE	Uniform Distributed Queue	GCIF_ACCESS _POINT_UPDA TE_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_ACCESS _SUBMIT_QCF	Connection Factory	GCIF_ACCESS _SUBMIT_QCF	Default Targeting	obdx_cluster
4.	GCIF_ACCESS _SUBMIT_QUE UE	Uniform Distributed Queue	GCIF_ACCESS _SUBMIT_QUE UE	Default Targeting	obdx_cluster



## 5.7.3 Report mapping functionality at GCIF level

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_GCIFRE PORT_MAPPIN G_QCF	Connection Factory	GCIF_GCIFRE PORT_MAPPIN G_QCF	Default Targeting	obdx_cluster
2.	GCIF_GCIFRE PORT_MAPPIN G_QUEUE	Uniform Distributed Queue	GCIF_GCIFRE PORT_MAPPIN G_QUEUE	Default Targeting	obdx_cluster

# 5.7.4 GCIF onboarding draft functionality

Submission of GCIF Onboarding Wizard.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_ONBOA RDING_DRAFT _QCF	Connection Factory	GCIF_ONBOA RDING_DRAFT _QCF	Default Targeting	obdx_cluster
2.	GCIF_ONBOA RDING_DRAFT _QUEUE	Uniform Distributed Queue	GCIF_ONBOA RDING_DRAFT _QUEUE	Default Targeting	obdx_clu ster

## 5.7.5 GCIF party functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_PARTY_ FINAL_MIGRAT ION_QCF	Connection Factory	GCIF_PARTY_ FINAL_MIGRAT ION_QCF	Default Targeting	obdx_cluster
2.	GCIF_PARTY_ FINAL_MIGRAT ION_QUEUE	Uniform Distributed Queue	GCIF_PARTY_ FINAL_MIGRAT ION_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_PARTY_ MOVEMENT_R EPORT_RESP ONSE_QCF	Connection Factory	GCIF_PARTY_ MOVEMENT_R EPORT_RESP ONSE_QCF	Default Targeting	obdx_cluster
4.	GCIF_PARTY_ MOVEMENT_R EPORT_RESP ONSE_QUEUE	Uniform Distributed Queue	GCIF_PARTY_ MOVEMENT_R EPORT_RESP ONSE_QUEUE	Default Targeting	obdx_cluster

# 5.7.6 GCIF processing party

Updation of GCIF Processing status based on status of various transactions performed in the individual steps.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_PROCES SING_STATUS _QCF	Connection Factory	GCIF_PROCES SING_STATUS _QCF	Default Targeting	obdx_cluster
2.	GCIF_PROCES SING_STATUS _QUEUE	Uniform Distributed Queue	GCIF_PROCES SING_STATUS _QUEUE	Default Targeting	obdx_cluster

# 5.7.7 GCIF profile creation and updation functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_PROFILE _CREATE_QCF	Connection Factory	GCIF_PROFILE _CREATE_QCF	Default Targeting	obdx_cluster
2.	GCIF_PROFILE _CREATE_QUE UE	Uniform Distributed Queue	GCIF_PROFILE _CREATE_QUE UE	Default Targeting	obdx_cluster
3.	GCIF_PROFILE _UPDATE_QCF	Connection Factory	GCIF_PROFILE _UPDATE_QCF	Default Targeting	obdx_cluster
4.	GCIF_PROFILE _UPDATE_QUE UE	Uniform Distributed Queue	GCIF_PROFILE _UPDATE_QUE UE	Default Targeting	obdx_cluster

# 5.7.8 GCIF report mapping functionality at user level

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_REPORT _MAPPING_QC F	Connection Factory	GCIF_REPORT _MAPPING_QC F	Default Targeting	obdx_cluster
2.	GCIF_REPORT _MAPPING_QU EUE	Uniform Distributed Queue	GCIF_REPORT _MAPPING_QU EUE	Default Targeting	obdx_cluster

# 5.7.9 GCIF Rule functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_RULE_C REATE_QCF	Connection Factory	GCIF_RULE_C REATE_QCF	Default Targeting	obdx_cluster
2.	GCIF_RULE_C REATE_QUEU E	Uniform Distributed Queue	GCIF_RULE_C REATE_QUEU E	Default Targeting	obdx_cluster
3.	GCIF_RULE_D ELETE_QCF	Connection Factory	GCIF_RULE_D ELETE_QCF	Default Targeting	obdx_cluster
4.	GCIF_RULE_D ELETE_QUEU E	Uniform Distributed Queue	GCIF_RULE_D ELETE_QUEU E	Default Targeting	obdx_cluster



Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
5.	GCIF_RULE_U PDATE_QCF	Connection Factory	GCIF_RULE_U PDATE_QCF	Default Targeting	obdx_cluster
6.	GCIF_RULE_U PDATE_QUEU E	Uniform Distributed Queue	GCIF_RULE_U PDATE_QUEU E	Default Targeting	obdx_cluster

# 5.7.10 GCIF USER ACCESS functionality

Any changes to User account access in GCIF flow will be handled by these queues.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_USERAC CESS_SUBMIT _QCF	Connection Factory	GCIF_USERAC CESS_SUBMIT _QCF	Default Targeting	obdx_cluster
2.	GCIF_USERAC CESS_SUBMIT _QUEUE	Uniform Distributed Queue	GCIF_USERAC CESS_SUBMIT _QUEUE	Default Targeting	obdx_cluster

## 5.7.11 GCIF USERGROUP functionality

Create and Update UserGroup for a GCIf via Onboarding Wizard.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_USERGR OUP_CREATE_ QCF	Connection Factory	GCIF_USERGR OUP_CREATE_ QCF	Default Targeting	obdx_cluster
2.	GCIF_USERGR OUP_CREATE_ QUEUE	Uniform Distributed Queue	GCIF_USERGR OUP_CREATE_ QUEUE	Default Targeting	obdx_cluster
3.	GCIF_USERGR OUP_UPDATE_ QCF	Connection Factory	GCIF_USERGR OUP_UPDATE_ QCF	Default Targeting	obdx_cluster
4.	GCIF_USERGR OUP_UPDATE_ QUEUE	Uniform Distributed Queue	GCIF_USERGR OUP_UPDATE_ QUEUE	Default Targeting	obdx_cluster

## 5.7.12 GCIF User create and update functionality

Create and Update User for a GCIf via Onboarding Wizard.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_USER_C REATE_QCF	Connection Factory	GCIF_USER_C REATE_QCF	Default Targeting	obdx_cluster



Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
2.	GCIF_USER_C REATE_QUEU E	Uniform Distributed Queue	GCIF_USER_C REATE_QUEU E	Default Targeting	obdx_cluster
3.	GCIF_USER_U PDATE_QCF	Connection Factory	GCIF_USER_U PDATE_QCF	Default Targeting	obdx_cluster
4.	GCIF_USER_U PDATE_QUEU E	Uniform Distributed Queue	GCIF_USER_U PDATE_QUEU E	Default Targeting	obdx_cluster

## 5.7.13 GCIF workflow create functionality

Create and Update Workflow for a GCIf via Onboarding Wizard.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_WORKFL OW_CREATE_ QCF	Connection Factory	GCIF_WORKFL OW_CREATE_ QCF	Default Targeting	obdx_cluster
2.	GCIF_WORKFL OW_CREATE_ QUEUE	Uniform Distributed Queue	GCIF_WORKFL OW_CREATE_ QUEUE	Default Targeting	obdx_cluster
3.	GCIF_WORKFL OW_UPDATE_ QCF	Connection Factory	GCIF_WORKFL OW_UPDATE_ QCF	Default Targeting	obdx_cluster
4.	GCIF_WORKFL OW_UPDATE_ QUEUE	Uniform Distributed Queue	GCIF_WORKFL OW_UPDATE_ QUEUE	Default Targeting	obdx_cluster

## 5.7.14 GCIF Onboarding Draft cancellation functionality

The Following Topic and QCF is used in the below two cases :

- 1. Used in case of Cancellation of GCIF by maker.
- 2. Used in case where the GCIF is rejected by one of its approvers.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	OnboardingDraf tDeleteQCF	Connection Factory	OnboardingDraf tDeleteQCF	Default Targeting	obdx_cluster
2.	OnboardingDraf tDeleteTopic	Uniform Distributed Queue	OnboardingDraf tDeleteTopic	Default Targeting	obdx_cluster

#### 5.7.15 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	GcifSD		GcifJmsServer

# 5.8 jpa-cache Functionality

- jpa-cache Functionality
- Subdeployment View

## 5.8.1 jpa-cache Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	ms/jpa-cache-cf	Connection Factory	jms/jpa-cache- cf	Default Targeting	obdx_cluster
2.	jms/jpa-cache- topic	Uniform Distributed Queue	jms/jpa-cache- topic	Default Targeting	obdx_cluster

## 5.8.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	jpa-cache-sd		jpa-cache

# 5.9 Multiple Transaction Approval Functionality

- Multiple Transaction Approval Functionality
- Subdeployment View

## 5.9.1 Multiple Transaction Approval Functionality

Approval of any transactions from the pending-for-approval listing screen

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	MultipleTransact ionServiceInvoc ationQueue	Uniform Distributed Queue	MultipleTransact ionServiceInvoc ationQueue	MultipleTransact ionApprovalSD	MultipleTransact ionApprovalJM SServer
2.	MultipleTransact ionServiceInvoc ationQCF	Connection Factory	MultipleTransact ionServiceInvoc ationQCF	MultipleTransact ionApprovalSD	MultipleTransact ionApprovalJM SServer
3.	MultipleTransact ionServiceInvoc ationResponse QCF	Connection Factory	MultipleTransact ionServiceInvoc ationResponse QCF	MultipleTransact ionApprovalSD	MultipleTransact ionApprovalJM SServer
4.	MultipleTransact ionServiceInvoc ationResponse Queue	Uniform Distributed Queue	MultipleTransact ionServiceInvoc ationResponse Queue	MultipleTransact ionApprovalSD	MultipleTransact ionApprovalJM SServer



## 5.9.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	MultipleTransactionAppr ovalSD	MultipleTransactionServi ceInvocationResponseQ ueue, MultipleTransactionServi ceInvocationQueue, MultipleTransactionServi ceInvocationQCF, MultipleTransactionServi ceInvocationResponseQ CF	MultipleTransactionAppr ovalSD

# 5.10 NotificationServer Functionality

- NotificationServer Functionality
- Subdeployment View

## 5.10.1 NotificationServer Functionality

This contains Queues/Topics which are consumed by Demand Deposit, Term Deposit, Loan, Insights, Config modules

- Queues which listens to Host(UBS) queues and transfers messages to internal topics for various operation. This includes Account Access automapping, sending host alerts to customer, insights updates.
- 2. Queues which listens to any changes to dayone configuration and update the cache.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	NotificationQCF	Connection Factory	NotificationQCF	Default Targeting	obdx_cluster
2.	NotificationTCF	Connection Factory	NotificationTCF	Default Targeting	obdx_cluster
3.	NOTIFICATION _QUEUE	Uniform Distributed Queue	NOTIFICATION _QUEUE	Default Targeting	obdx_cluster
4.	NOTIFICATION _TOPIC	Uniform Distributed Queue	NOTIFICATION _TOPIC	Default Targeting	obdx_cluster
5.	UBSNotification TCF	Connection Factory	UBSNotification TCF	Default Targeting	obdx_cluster
6.	UBS_NOTIFIC ATION_TOPIC	Uniform Distributed Topic	UBS_NOTIFIC ATION_TOPIC	Default Targeting	obdx_cluster



## 5.10.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	NotificationSD		NotificationServer

# 5.11 OBPMSystemModule

- OBPMSystemModule
- Subdeployment View

## 5.11.1 OBPMSystemModule

Sr No.	Name	Туре	JNDI Name	Subdeployme Targest nts
1.	OBPMForeignS erver	Foreign Server	N/A	OBPMSubdeplo obdx_cluster yment

## 5.11.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	OBPMSubdeployment		obdx_cluster

# **5.12 Payment Functionality**

- Payment Functionality
- Subdeployment View

# 5.12.1 Payment Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	DMS_QUEUE_ FOREIGN_SER VER	Foreign Server	N/A	PaymentSD	PaymentJMSSe rver

## 5.12.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	PaymentSD		PaymentJMSServer

# **5.13 Policies Functionality**

Policies Functionality

Subdeployment View

## 5.13.1 Policies Functionality

PoliciesTopic is used to update RTM cache asynchronously after creating or updating role so that RTM changes get reflected on the fly without server restart.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	POLICIESQCF	Connection Factory	POLICIESQCF	Default Targeting	obdx_cluster
2.	PoliciesTopic	Uniform Distributed Queue	PoliciesTopic	Default Targeting	obdx_cluster

### 5.13.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	PoliciesSD		PoliciesJMS

# 5.14 Reports Functionality

- Reports Functionality
- Subdeployment View

## 5.14.1 Reports Functionality

This queues are used in Adhoc and schedules reports.

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	REPORTADHO C	Uniform Distributed Queue	REPORTADHO C	Default Targeting	obdx_cluster
2.	REPORTSCHE DULED	Uniform Distributed Queue	REPORTSCHE DULED	Default Targeting	obdx_cluster
3.	ReportsQCF	Connection Factory	ReportsQCF	Default Targeting	obdx_cluster

## 5.14.2 Subdeployment View

•

Sr No.	Name	Resources	Subdeployment
1	PoliciesSD		PoliciesJMS

# 5.15 UBSSystemModule functionality

UBSSystemModule functionality

Subdeployment View

## 5.15.1 UBSSystemModule functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	UBSForeignSer ver	Foreign Server	N/A	UBSSubdeploy ment	obapi_cluster

## 5.15.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	UBSSubdeployment		obdx_cluster

# 5.16 UserGroupUser Functionality

- UserGroupUser Functionality
- Subdeployment View

## 5.16.1 UserGroupUser Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	UserGroupUser QCF	Connection Factory	UserGroupUser QCF	Default Targeting	obapi_cluster
2.	UserGroupUser Topic	Торіс	UserGroupUser Topic	UserGroupUser SD	UserGroupUser JMSServer

## 5.16.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	UserGroupUserSD	UserGroupUserTopic	UserGroupUserJMSServ er

# 5.17 Party Movement Report Functionality

- Party Movement Report Functionality
- Subdeployment View

## 5.17.1 Party Movement Report Functionality

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	PartyMovement ReportQCF	Connection Factory	PartyMovement ReportQCF	Default Targeting	obdx_cluster



Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
2.	PartyMovement ReportTopic	Uniform Distributed Topic	PartyMovement ReportTopic	Default Targeting	obdx_cluster

# 5.17.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	PartyMovementReportS D		PartyMovementReportJ MS



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