

# Oracle® Banking APIs

## JMS Configuration Multi Entity Guide



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ORACLE®

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# Preface

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## Purpose

This guide is designed to help acquaint you with the Oracle Banking 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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[Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	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 1 Acronyms and Abbreviations**

Abbreviation	Description
OBAPI	Oracle Banking APIs



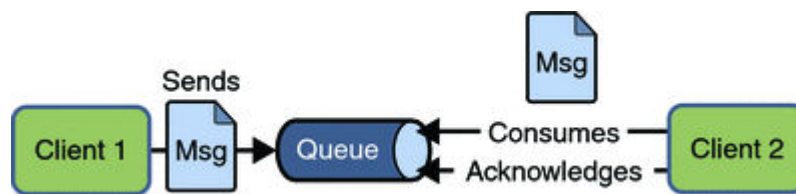
# 1

## 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.

# 2

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

- [Introduction and Definitions](#)

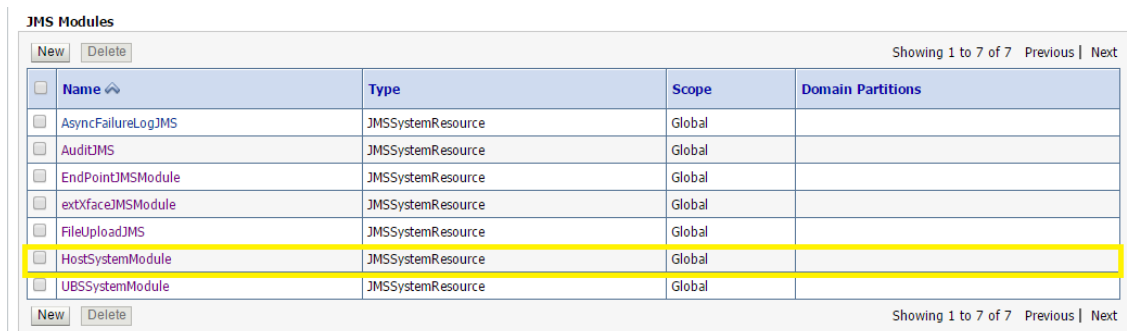
### 2.1 Introduction and Definitions

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** .



New Delete		Showing 1 to 7 of 7 Previous   Next		
<input type="checkbox"/> Name	Type	Scope	Domain Partitions	
<input type="checkbox"/> AsyncFailureLogJMS	JMSSystemResource	Global		
<input type="checkbox"/> AuditJMS	JMSSystemResource	Global		
<input type="checkbox"/> EndPointJMSModule	JMSSystemResource	Global		
<input type="checkbox"/> extXfaceJMSModule	JMSSystemResource	Global		
<input type="checkbox"/> FileUploadJMS	JMSSystemResource	Global		
<input type="checkbox"/> HostSystemModule	JMSSystemResource	Global		
<input type="checkbox"/> 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			
<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	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 Connection Factories

Save

A foreign server represents a JNDI provider that resides outside a WebLogic Server. It contains information that allows WebLogic Server to reach the remote JNDI provider. This way, a number of connection factory and destination objects (queues or topics) can be defined on one JNDI directory. Use this page to configure a foreign server.

Name:	ForeignServer	The name of this foreign server. <a href="#">More Info...</a>
JNDI Initial Context Factory:	weblogic.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. <a href="#">More Info...</a>
JNDI Connection URL:	http://mum00aoz.in.oracle.com:6003	The URL that WebLogic Server will use to contact the JNDI provider. The syntax 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. <a href="#">More Info...</a>
JNDI Properties Credential:		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 disolved as originally entered <a href="#">More</a>

## 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.

Name: ForeignConnectionFactory The name of this foreign connection factory. [More Info...](#)

Local JNDI Name: HostQCF 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: HostQCF The name of the remote object that will be looked up in the remote JNDI directory. [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](#)

Foreign Connection Factories (Filtered - More Columns Exist)

New Delete Showing 1 to 1 of 1 Previous | Next

Name	Local JNDI Name	Remote JNDI Name
ForeignConnectionFactory	HostQCF	HostQCF

New 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 → 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**.

Settings for ForeignDestination

Configuration Notes

Save

A foreign destination (topic or queue) is a destination 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.

Use this page to configure a foreign destination.

**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...](#)

Configuration Subdeployment 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.

[Customize this table](#)

**Foreign Destinations**

New	Delete	Showing 1 to 1 of 1 Previous   Next	
<input type="checkbox"/>	Name ↕	Local JNDI Name	Remote JNDI Name
<input type="checkbox"/>	ForeignDestination	HostProcess	HostProcess
New	Delete	Showing 1 to 1 of 1 Previous   Next	

# 3

## 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	Type
ExtXfaceJMSServer	JMS Server
extXfaceJMSModule	JMS Module
extXfaceSubdeployment	Subdeployment
ReceiverQCF	Connection Factory
ReceiverQueue	JMS Queue

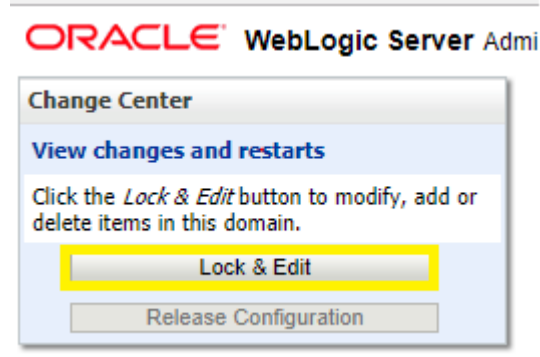
1. Configuration Steps-The following steps are done in the WebLogic Server Console, beginning with the left-hand navigation menu.

#### Create Persistent store-

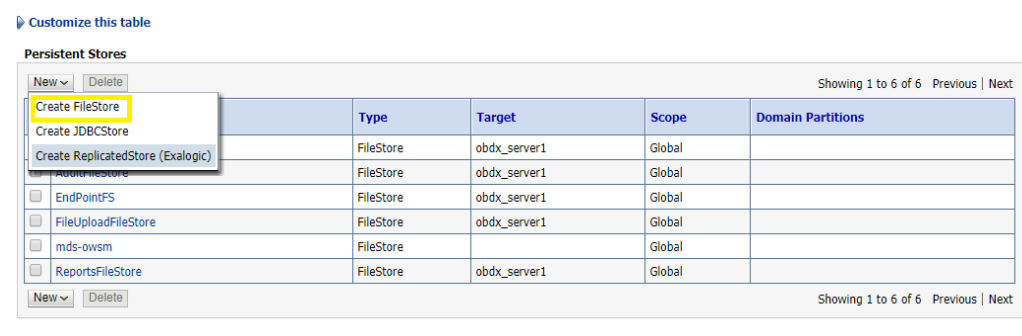
- Here you have to Create a new persistent store (Once the persistent store is created that can be used for both sender and receiver server. Hence there is no need to create a different persistent store for two different servers.) Hence Before creating a JMS server you need to create the Persistent store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



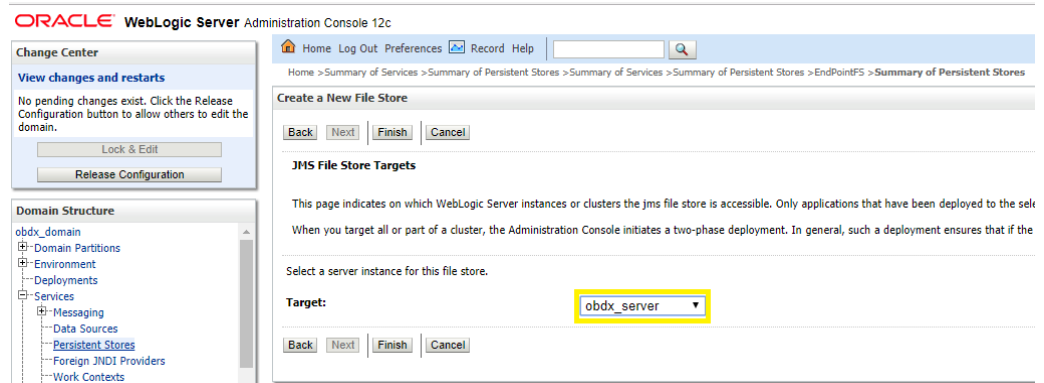
First Select Lock & Edit as shown-



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



- 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-



- 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)

New Delete		Showing 1 to 6 of 6 Previous   Next					
<input type="checkbox"/>	Name	Persistent Store	Target	Current Target	Health	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMServer	AsyncFailureLogFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	AuditJMServer	AuditFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ExtxfaceReceiverServer	EndPointFS	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ExtxfaceSenderServer	EndPointFS	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	FileUploadJMServer	FileUploadFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ReportsJMServer	ReportsFileStore	obdx_server1	obdx_server1		Global	
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 identify your new JMS Server.  
\* Indicates required fields

What would you like to name your new JMS server?

Name:

Would you like this new JMS server to be restricted to a specific resource group template or resource group ?

Scope:

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:

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**.

**Create a New JMS Server**

Back Next Finish Cancel

**Select targets**

Select the server instance or migratable target on which you would like to deploy this JMS server.

Target: obdx\_server1

Back Next Finish Cancel

The JMS server should now be visible in the list.

[Customize this table](#)

**JMS Servers (Filtered - More Columns Exist)**

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

New Delete Showing 1 to 6 of 6 Previous | Next

<input type="checkbox"/>	Name	Persistent Store	Target	Current Target	Health	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMServer	AsyncFailureLogFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	AuditJMServer	AuditFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ExtfaceReceiverServer	EndPointFS	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ExtfaceSenderServer	EndPointFS	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	FileUploadJMServer	FileUploadFileStore	obdx_server1	obdx_server1		Global	
<input type="checkbox"/>	ReportsJMServer	ReportsFileStore	obdx_server1	obdx_server1		Global	

New Delete Showing 1 to 6 of 6 Previous | Next

### 3.1.2 Create a JMS Module

- Services → Messaging → JMS Modules.



- Select **New**.

Customize this table

#### JMS Modules

New Delete		Showing 1 to 9 of 9 Previous Next		
<input type="checkbox"/>	Name	Type	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/>	AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ExtfaceReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtfaceReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/>	ExtfaceSenderModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtfaceSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/>	UBSSystemModule	JMSSystemResource	Global	
New 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 System Module?

\* Name:

Would you like this new JMS System Module to be restricted to a specific resource group template or resource group ?

Scope:

What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.

Descriptor File Name:

Where would like to place the descriptor 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**.

Targets :

Servers
<input type="checkbox"/> AdminServer

Clusters
<input checked="" type="checkbox"/> obdx_cluster
<input checked="" type="radio"/> All servers in the cluster
<input type="radio"/> Part of the cluster
<input type="checkbox"/> obdx_server1

Back Next Finish Cancel

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

Create JMS System Module

Back Next Finish Cancel

Add resources to this JMS system module

Use this page to indicate whether you want to immediately add resources to this JMS system module after it is created. JMS resources include queues, topics, connection factories, and such.

☐ Would you like to add resources to this JMS system module?

Back Next Finish Cancel

Customize this table

JMS Modules

New Delete Showing 1 to 9 of 9 Previous Next

<input type="checkbox"/>	Name	Type	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/>	AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerSenderModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/>	UBSSystemModule	JMSSystemResource	Global	

New Delete Showing 1 to 9 of 9 Previous Next

### 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 **ExtbfacerReceiverModule**.

Customize this table

JMS Modules

New Delete Showing 1 to 9 of 9 Previous Next

<input type="checkbox"/>	Name	Type	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/>	AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerSenderModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtbfacerSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/>	UBSSystemModule	JMSSystemResource	Global	

New Delete Showing 1 to 9 of 9 Previous Next

- Select the **Subdeployments** tab and click **New**.

Settings for ExtxfaceReceiverModule

Configuration **Subdeployments** Targets Security Notes

This page displays subdeployments created for a JMS system module. A subdeployment is a mechanism by which JMS module resources (such as queues, topics, and connection factories) are grouped and targeted to a server resource (such as JMS servers, server instances, or cluster).

[Customize this table](#)

**Subdeployments**

New Delete Showing 1 to 1 of 1 Previous | Next

<input type="checkbox"/>	Name ↕	Resources	Targets
<input type="checkbox"/>	ExtxfaceReceiverSubDep	ExtxfaceReceiverQueue	ExtxfaceReceiverServer

New Delete 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 subdeployment.

\* Indicates required fields

\* 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	
<input type="checkbox"/>	obdx_cluster
<input type="radio"/>	All servers in the cluster
<input type="radio"/>	Part of the cluster
<input type="checkbox"/>	obdx_server1

JMS Servers	
<input type="checkbox"/>	AsyncFailureLogJMSServer
<input type="checkbox"/>	AuditJMSServer
<input checked="" type="checkbox"/>	ExtxfaceReceiverServer
<input type="checkbox"/>	ExtxfaceSenderServer
<input type="checkbox"/>	FileUploadJMSServer
<input type="checkbox"/>	ReportsJMSServer





### 3.1.4 Create a Connection Factory

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

Customize this table

**JMS Modules**

Showing 1 to 9 of 9 Previous | Next

<input type="checkbox"/>	Name	Type	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/>	AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceSenderModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/>	UBSSystemModule	JMSSystemResource	Global	

Showing 1 to 9 of 9 Previous | Next

[Customize this table](#)

#### Summary of Resources

<a href="#">New</a>	<a href="#">Delete</a>	Showing 1 to 2 of 2 Previous   Next			
<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	ExtfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1
<input type="checkbox"/>	ExtfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtfaceReceiverSubDep	ExtfaceReceiverServer
<a href="#">New</a>	<a href="#">Delete</a>	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](#)

#### Choose the type of resource you want to create.

Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection factories.

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.

<input checked="" type="radio"/> <b>Connection Factory</b>	Defines a set of connection configuration parameters that are used to create connections for JMS clients. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Topic	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. <a href="#">More Info...</a>

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

#### Create a New JMS System Module Resource

[Back](#) [Next](#) [Finish](#) [Cancel](#)

#### Connection Factory Properties

The following properties will be used to identify your new connection factory. The current module is ExtfaceReceiverModule.

\* Indicates required fields

What would you like to name your new connection factory?

\* **Name:**

What JNDI Name would you like to use to look up your new connection factory?

**JNDI Name:**

The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sharable?

**Subscription Sharing Policy:**

The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribers. Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?

**Client ID Policy:**

A connection factory can limit the number of messages that can be queued for an asynchronous session. Should this connection factory impose a limit?

**Maximum Messages per Session:**

- 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 Modules**

New Delete Showing 1 to 9 of 9 Previous | Next

<input type="checkbox"/>	Name ↕	Type	Scope	Domain Partitions
<input type="checkbox"/>	AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/>	AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceSenderModule	JMSSystemResource	Global	
<input type="checkbox"/>	ExtxfaceSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/>	UBSSystemModule	JMSSystemResource	Global	

New Delete Showing 1 to 9 of 9 Previous | Next

[Customize this table](#)

**Summary of Resources**

New Delete Showing 1 to 2 of 2 Previous | Next

<input type="checkbox"/>	Name ↕	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	ExtxfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1
<input type="checkbox"/>	ExtxfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtxfaceReceiverSubDep	ExtxfaceReceiverServer

New Delete Showing 1 to 2 of 2 Previous | Next

- Select **Queue** and Click **Next**.

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, templates, and connection factories.

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...](#)

☒ **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...](#)

☐ **Topic**

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, but 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 System Module Resource

Back Next Finish Cancel

**JMS Destination Properties**

The following properties will be used to identify your new Queue. The current module is ExtxfaceReceiverModule.

\* Indicates required fields

\* Name: ExtxfaceReceiverQueue

JNDI Name: ExtSystemReceiverQueue

Template: None

Back Next Finish 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**.

Back Next Finish Cancel

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, cluster, or SAF agent. 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 management 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
<input type="radio"/> AsyncFailureLogJMSServer
<input type="radio"/> AuditJMSServer
<input checked="" type="radio"/> ExtxfaceReceiverServer
<input type="radio"/> ExtxfaceSenderServer
<input type="radio"/> FileUploadJMSServer
<input type="radio"/> ReportsJMSServer

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

[Customize this table](#)

## Summary of Resources

New Delete Showing 1 to 2 of 2 Previous   Next				
<input type="checkbox"/> Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/> ExtfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1
<input type="checkbox"/> ExtfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtfaceReceiverSubDep	ExtfaceReceiverServer
New Delete Showing 1 to 2 of 2 Previous   Next				

Confirm the resources for the **ExtfaceReceiverModule**. Using the Domain Structure tree, navigate to Services → Messaging → JMS Modules then select **ExtfaceReceiverModule**.

Domain Structure  
obdx\_domain  
  Domain Partitions  
  Environment  
  Deployments  
  Services  
    Messaging  
      JMS Servers  
      Store-and-Forward Agents  
      **JMS Modules**  
      Path Services  
      Bridges  
      Data Sources  
      Persistent Stores  
      External JMS Destinations  
How do I...  
  Configure JMS system modules  
  Configure resources for JMS system modules  
System Status

[Customize this table](#)  
JMS Modules  
New Delete Showing 1 to 9 of 9 Previous | Next

<input type="checkbox"/> Name	Type	Scope	Domain Partitions
<input type="checkbox"/> AsyncFailureLogJMS	JMSSystemResource	Global	
<input type="checkbox"/> AuditJMS	JMSSystemResource	Global	
<input type="checkbox"/> ExtfaceReceiverModule	JMSSystemResource	Global	
<input type="checkbox"/> ExtfaceReceiverModule2	JMSSystemResource	Global	
<input type="checkbox"/> ExtfaceSenderModule	JMSSystemResource	Global	
<input type="checkbox"/> ExtfaceSenderModule2	JMSSystemResource	Global	
<input type="checkbox"/> FileUploadJMS	JMSSystemResource	Global	
<input type="checkbox"/> ReportsJMSModule	JMSSystemResource	Global	
<input type="checkbox"/> UBSSystemModule	JMSSystemResource	Global	
New Delete Showing 1 to 9 of 9 Previous   Next			

You should see the following resources-

[Customize this table](#)

## Summary of Resources

New Delete Showing 1 to 2 of 2 Previous   Next				
<input type="checkbox"/> Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/> ExtfaceReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_server1
<input type="checkbox"/> ExtfaceReceiverQueue	Queue	ExtSystemReceiverQueue	ExtfaceReceiverSubDep	ExtfaceReceiverServer
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 → Services → Messaging → JMS Modules → MultipleTransactionApprovalJMSModule)  
Get the lock and edit in WebLogic.  
Click on **New**.  
Then select uniform Queue from the options.

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, templates, and connection factories.

Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, the 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.

<input type="radio"/> Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Topic	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. <a href="#">More Info...</a>
<input checked="" type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. <a href="#">More Info...</a>
<input type="radio"/> Quota	Controls the allotment of system resources available to destinations. <a href="#">More Info...</a>
<input type="radio"/> Destination Sort Key	Defines a unique sort order that destinations can apply to incoming messages. <a href="#">More Info...</a>
<input type="radio"/> JMS Template	Defines a set of default configuration settings for multiple destinations. <a href="#">More Info...</a>
<input type="radio"/> SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported into the local cluster or server instance, so that the local server instance or cluster can send messages to the remote server instance or cluster. <a href="#">More Info...</a>

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**.

Create a New JMS System Module Resource

[Back](#) [Next](#) [Finish](#) [Cancel](#)

**JMS Distributed Destination Properties**

The following properties will be used to identify your new Distributed Queue. The current module is MultipleTransactionApprovalJMS

\* Indicates required fields

What would you like to name your new destination?

\* Name:

What JNDI Name would you like to use to look up your new destination?

JNDI Name:

Queue 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 queue members?

Destination Type:

Templates provide an efficient means of defining multiple destinations with similar configuration values. Would you like to use a template for this destination?

Template:

[Back](#) [Next](#) [Finish](#) [Cancel](#)

3. Step 3 : Then select on advanced targeting.

Create a New JMS System Module Resource

[Back](#) [Next](#) [Finish](#) [Advanced Targeting](#) [Cancel](#)

**The following properties will be used to target your new JMS system module resource**

Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then click **Advanced Targeting** to use the subdeployment mechanism for targeting this resource.

The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.

**Targets :**

Clusters
<input type="checkbox"/> obdx_Cluster <ul style="list-style-type: none"> <li><input type="checkbox"/> All servers in the cluster</li> <li><input type="checkbox"/> Part of the cluster</li> <li><input type="checkbox"/> obdx_server1</li> </ul>

[Back](#) [Next](#) [Finish](#) [Advanced Targeting](#) [Cancel](#)

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 you want to use. If you select (none), no targeting will occur.

**Subdeployments:**  [Create a New Subdeployment](#)

What targets do you want to assign to **MultipleTransactionApprovalSD**

**Targets :**

JMS Servers
<input type="checkbox"/> AccountAccessJMServer
<input type="checkbox"/> AuditJMServer
<input type="checkbox"/> AuthJMServer
<input type="checkbox"/> ExtSystemReceiver
<input type="checkbox"/> ExtSystemSender
<input type="checkbox"/> FileUploadJMServer
<input type="checkbox"/> GcfJMServer
<input type="checkbox"/> JPAcacheJMServer
<input checked="" type="checkbox"/> MultipleTransactionApprovalJMServer
<input type="checkbox"/> PartyMovementReportJMServer
<input type="checkbox"/> PaymentJMServer
<input type="checkbox"/> PoliciesJMServer
<input type="checkbox"/> ReportsJMServer
<input type="checkbox"/> UserGroupUserJMServer

## 4.2 Sample Creation of Topic

- Step 1:  
Go to the following path : Home → Services → Messaging → JMS Modules → MultipleTransactionApprovalJMSModule  
Get the lock and edit in WebLogic.  
Click on **New**.  
Then select Distributed Topic from the options.

<input type="radio"/> Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Topic	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. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input checked="" type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. <a href="#">More Info...</a>
<input type="radio"/> Quota	Controls the allotment of system resources available to destinations. <a href="#">More Info...</a>
<input type="radio"/> Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. <a href="#">More Info...</a>
<input type="radio"/> JMS Template	Defines a set of default configuration settings for multiple destinations. <a href="#">More Info...</a>

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

**Create a New JMS System Module Resource**

Back Next Finish Cancel

**JMS Distributed Destination Properties**

The following properties will be used to identify your new Distributed Topic. The current module is MultipleTransactionApprovalJMS

\* Indicates required fields

What would you like to name your new destination?

\* Name: SampleTopic1

What JNDI Name would you like 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 topic 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.

The Forwarding Policy for a topic 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?

**3. Step 3 : Click on Finish**

Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are accept the default targets, then click **Advanced Targeting** to use the subdeployment mechanism for targeting this resource.

The following JMS module targets will be used as the default targets for your new JMS system module resource. If the appropriately.

**Targets :**

**Clusters**

☒ obdx\_Cluster

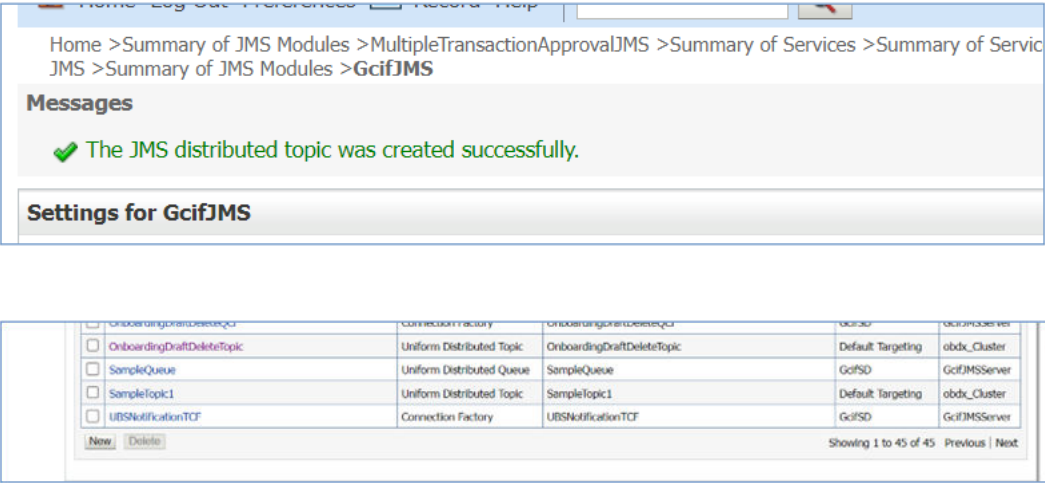
☐ All servers in the cluster

☐ Part of the cluster

☐ obdx\_server1

Back Next Finish Advanced Targeting Cancel

Sample topic is created



### 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 → Services → Messaging → JMS Modules → 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.



[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, templates, and connection factories.

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.

<input type="radio"/> Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Topic	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. <a href="#">More Info...</a>
<input checked="" type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> 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. <a href="#">More Info...</a>
<input type="radio"/> Foreign Server	Defines foreign messaging providers or remote link logic. Server instances that are not part of the current domain. <a href="#">More Info...</a>
<input type="radio"/> Quote	Controls the allotment of system resources available to destinations. <a href="#">More Info...</a>
<input type="radio"/> Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. <a href="#">More Info...</a>
<input type="radio"/> JMS Template	Defines a set of default configuration settings for multiple destinations. <a href="#">More Info...</a>
<input type="radio"/> SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported into the local cluster or server instance, so that the local server instance or cluster can send messages to the remote server instance or cluster. <a href="#">More Info...</a>

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

Create a New JMS System Module Resource

[Back](#) [Next](#) [Finish](#) [Cancel](#)

**Connection Factory Properties**

The following properties will be used to identify your new connection factory. The current module is MultipleTransactionApprovalQMS.

\* Indicates required fields

What would you like to name your new connection factory?

\* Name:

What JNDI name would you like to use to look up your new connection factory?

JNDI Name:

The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using the factory be sharable?

Subscription Sharing Policy:

The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to unrestricted if sharing durable subscribers. Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?

Client ID Policy:

A connection factory can limit the number of messages that can queue for an asynchronous session. Should this connection factory impose a limit?

Maximum Messages per Session:

Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?

☒ XA Connection Factory Enabled

Should the authenticated user name be attached to sent messages if the JMS destination is configured to support this behavior?

☐ Attach JMSX UserID

[Back](#) [Next](#) [Finish](#) [Cancel](#)

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

[Back](#) [Next](#) [Finish](#) [Advanced Targeting](#) [Cancel](#)

The following properties will be used to target your new JMS system module resource

Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then click **Advanced Targeting** to use the subdeployment mechanism for targeting this resource.

The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will 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 will occur.

**Subdeployments:** MultipleTransactionApprovalSD ▼ Create a New Subdeployment

(none)

What targets do you want to assign to: MultipleTransactionApprovalSD

**Targets :**

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

JMS Servers
<input type="checkbox"/> AccountAccessJMS Server
<input type="checkbox"/> AuditJMS Server
<input type="checkbox"/> AuthJMS Server
<input type="checkbox"/> ExtSystemReceiver
<input type="checkbox"/> ExtSystemSender
<input type="checkbox"/> FileUploadJMS Server
<input type="checkbox"/> GcifJMS Server
<input type="checkbox"/> JPA CacheJMS Server
<input checked="" type="checkbox"/> MultipleTransactionApprovalJMS Server
<input type="checkbox"/> PartyMovementReportJMS Server
<input type="checkbox"/> PaymentJMS Server
<input type="checkbox"/> PoliciesJMS Server
<input type="checkbox"/> ReportsJMS Server
<input type="checkbox"/> UserGroupUserJMS Server

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.

New Delete		Showing 1 to 5 of 5 Previous   Next			
<input type="checkbox"/>	Name ↕	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	MultipleTransactionServiceInvocationQCF	Connection Factory	MultipleTransactionServiceInvocationQCF	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMSServer
<input type="checkbox"/>	MultipleTransactionServiceInvocationQueue	Uniform Distributed Queue	MultipleTransactionServiceInvocationQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMSServer
<input type="checkbox"/>	MultipleTransactionServiceInvocationResponseQCF	Connection Factory	MultipleTransactionServiceInvocationResponseQCF	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMSServer
<input type="checkbox"/>	MultipleTransactionServiceInvocationResponseQueue	Uniform Distributed Queue	MultipleTransactionServiceInvocationResponseQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMSServer
<input type="checkbox"/>	MultipleTransactionServiceInvocationTopic	Uniform Distributed Topic	MultipleTransactionServiceInvocationTopic	Default Targeting	obdx_cluster
New Delete		Showing 1 to 5 of 5 Previous   Next			

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_cluster
MultipleTransactionApprovalSD	MultipleTransactionServiceInvocationResponseQueue, MultipleTransactionServiceInvocationQueue, MultipleTransactionServiceInvocationQCF, MultipleTransactionServiceInvocationResponseQCF	MultipleTransactionApprovalJMSServer
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	Type	JNDI Name	Subdeployments	Target
1.	AccountAccess QCF	Connection Factory	AccountAccess QCF	Default Targeting	obdx_cluster
2.	ACCOUNTACCESSQUEUE	Uniform Distributed Queue	ACCOUNTACCESSQUEUE	AccessSD	AccessJMSModule

## 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	Type	JNDI Name	Subdeployments	Target
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_QUEUE	Uniform Distributed Queue	ACCOUNT_AC CESS_ASYN_B UCKET_QUEUE	AccessSD	AccessJMSModule

## 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	Type	JNDI Name	Subdeployments	Target
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	AccessJMSModule

## 5.1.4 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1.	AccessSD	ACCOUNTACCESSQUEUE, ACCOUNT_ACCESS_ASYN_BUCKET_QUEUE, ACCOUNT_ACCESS_ASYN_BULK_QUEUE	AccessJMSModule

## 5.2 Audit Functionality

- [Audit Functionality](#)
- [Subdeployment View](#)

## 5.2.1 Audit Functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	API_AUDIT_QUEUE	Uniform Distributed Queue	API_AUDIT_QUEUE	AuditSD	AuditJMSServer
2.	AUDITQCF	Connection Factory	AUDITQCF	Default Targeting	obdx_cluster
3.	AUDIT_ANALYTICS_QUEUE	Uniform Distributed Queue	AUDIT_ANALYTICS_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_QUEUE	AuditJMSServer

## 5.3 Authentication Functionality

- [Authentication Functionality](#)
- [Subdeployment View](#)

### 5.3.1 Authentication Functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1	AUTHAUDITQCF	Connection Factory	AUTHAUDITQCF	Default Targeting	obdx_cluster
2.	AUTH_API_AUDIT_QUEUE	Uniform Distributed Queue	AUTH_API_AUDIT_QUEUE	AuthSD	AuthJMSModule

### 5.3.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1.	AuthSD	AUTH_API_AUDIT_QUEUE	AuthJMSModule

## 5.4 ExtSystemReceiver Functionality

- [ExtSystemReceiver Functionality](#)
- [Subdeployment View](#)

### 5.4.1 ExtSystemReceiver Functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	ExtSystemReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_cluster
2.	ExtSystemReceiverQueue	Uniform Distributed Queue	ExtSystemReceiverQueue	ExtSystemReceiverSub	ExtSystemReceiver

### 5.4.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	ExtSystemReceiverSub	ExtSystemReceiverQueue	ExtSystemReceiver

## 5.5 ExtSystemSender Functionality

- [ExtSystemSender Functionality](#)
- [Subdeployment View](#)

### 5.5.1 ExtSystemSender Functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	ExtSystemSenderQCF	Connection Factory	ExtSystemSenderQCF	Default Targeting	obdx_cluster
2.	ExtSystemSenderQueue	Uniform Distributed Queue	ExtSystemSenderQueue	ExtSystemSenderSub	ExtSystemSender

### 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 APPROVAL](#)
- [Subdeployment View](#)

### 5.6.1 Bulk CMS functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Targest
1.	BULKCMS_PREPROCESS	Uniform Distributed Queue	BULKCMS_PREPROCESS	FileUploadSD	FileUploadJMS Server
2.	BULKCMS_RAPPROVAL	Uniform Distributed Queue	BULKCMS_RAPPROVAL	FileUploadSD	FileUploadJMS Server

### 5.6.2 BULK PAYMENT FUNCTIONALITY

Sr No.	Name	Type	JNDI Name	Subdeployments	Targest
1.	BULKPAYMENT_PREPROCESS	Uniform Distributed Queue	BULKPAYMENT_PREPROCESS	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	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	Targest
1.	BULKEBPP_PREPROCESS	Uniform Distributed Queue	BULKEBPP_PREPROCESS	FileUploadSD	FileUploadJMS Server

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
2.	BULKEBPP_RA PPROVAL	Uniform Distributed Queue	BULKEBPP_RA PPROVAL	FileUploadSD	FileUploadJMS Server

## 5.6.5 BULK CORPORATE LOAN PROCESSING AND APPROVAL

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
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, BULCMS_RAPPROVA L, BULCMS_PREPROCE SS, BULKPAYMENT_PRO CESS	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

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

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	GcifOnboardingDraftUpdateQCF	ConnectionFactory	GcifOnboardingDraftUpdateQCF	Default Targeting	obdx_cluster
2.	GcifOnboardingDraftUpdateQueue	Uniform Distributed Queue	GcifOnboardingDraftUpdateQueue	Default Targeting	obdx_cluster

### 5.7.2 Access point functionality

Changes to Party Account Access is handled by these queues.

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	GCIF_ACCESS_POINT_UPDATE_QCF	ConnectionFactory	GCIF_ACCESS_POINT_UPDATE_QCF	Default Targeting	obdx_cluster
2.	GCIF_ACCESS_POINT_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_ACCESS_POINT_UPDATE_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_ACCESS_SUBMIT_QCF	ConnectionFactory	GCIF_ACCESS_SUBMIT_QCF	Default Targeting	obdx_cluster
4.	GCIF_ACCESS_SUBMIT_QUEUE	Uniform Distributed Queue	GCIF_ACCESS_SUBMIT_QUEUE	Default Targeting	obdx_cluster

### 5.7.3 Report mapping functionality at GCIF level

Sr No.	Name	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	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_cluster

### 5.7.5 GCIF party functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	Targest
1.	GCIF_REPORT _MAPPING_QCF	Connection Factory	GCIF_REPORT _MAPPING_QCF	Default Targeting	obdx_cluster
2.	GCIF_REPORT _MAPPING_QUE EUE	Uniform Distributed Queue	GCIF_REPORT _MAPPING_QUE EUE	Default Targeting	obdx_cluster

### 5.7.9 GCIF Rule functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	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	Type	JNDI Name	Subdeployments	Targest
5.	GCIF_RULE_UPDATE_QCF	Connection Factory	GCIF_RULE_UPDATE_QCF	Default Targeting	obdx_cluster
6.	GCIF_RULE_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_RULE_UPDATE_QUEUE	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	Type	JNDI Name	Subdeployments	Targest
1.	GCIF_USERACCESS_SUBMIT_QCF	Connection Factory	GCIF_USERACCESS_SUBMIT_QCF	Default Targeting	obdx_cluster
2.	GCIF_USERACCESS_SUBMIT_QUEUE	Uniform Distributed Queue	GCIF_USERACCESS_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	Type	JNDI Name	Subdeployments	Targest
1.	GCIF_USERGROUP_CREATE_QCF	Connection Factory	GCIF_USERGROUP_CREATE_QCF	Default Targeting	obdx_cluster
2.	GCIF_USERGROUP_CREATE_QUEUE	Uniform Distributed Queue	GCIF_USERGROUP_CREATE_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_USERGROUP_UPDATE_QCF	Connection Factory	GCIF_USERGROUP_UPDATE_QCF	Default Targeting	obdx_cluster
4.	GCIF_USERGROUP_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_USERGROUP_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	Type	JNDI Name	Subdeployments	Targest
1.	GCIF_USER_CREATE_QCF	Connection Factory	GCIF_USER_CREATE_QCF	Default Targeting	obdx_cluster

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
2.	GCIF_USER_CREATE_QUEUE	Uniform Distributed Queue	GCIF_USER_CREATE_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_USER_UPDATE_QCF	Connection Factory	GCIF_USER_UPDATE_QCF	Default Targeting	obdx_cluster
4.	GCIF_USER_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_USER_UPDATE_QUEUE	Default Targeting	obdx_cluster

### 5.7.13 GCIF workflow create functionality

Create and Update Workflow for a GCIF via Onboarding Wizard.

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
1.	GCIF_WORKFLOW_CREATE_QCF	Connection Factory	GCIF_WORKFLOW_CREATE_QCF	Default Targeting	obdx_cluster
2.	GCIF_WORKFLOW_CREATE_QUEUE	Uniform Distributed Queue	GCIF_WORKFLOW_CREATE_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_WORKFLOW_UPDATE_QCF	Connection Factory	GCIF_WORKFLOW_UPDATE_QCF	Default Targeting	obdx_cluster
4.	GCIF_WORKFLOW_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_WORKFLOW_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	Type	JNDI Name	Subdeployments	Target
1.	OnboardingDraftDeleteQCF	Connection Factory	OnboardingDraftDeleteQCF	Default Targeting	obdx_cluster
2.	OnboardingDraftDeleteTopic	Uniform Distributed Queue	OnboardingDraftDeleteTopic	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	Type	JNDI Name	Subdeployments	Target
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	Type	JNDI Name	Subdeployments	Target
1.	MultipleTransactionServiceInvocationQueue	Uniform Distributed Queue	MultipleTransactionServiceInvocationQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMServer
2.	MultipleTransactionServiceInvocationQCF	Connection Factory	MultipleTransactionServiceInvocationQCF	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMServer
3.	MultipleTransactionServiceInvocationResponseQCF	Connection Factory	MultipleTransactionServiceInvocationResponseQCF	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMServer
4.	MultipleTransactionServiceInvocationResponseQueue	Uniform Distributed Queue	MultipleTransactionServiceInvocationResponseQueue	MultipleTransactionApprovalSD	MultipleTransactionApprovalJMServer

## 5.9.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	MultipleTransactionApprovalSD	MultipleTransactionServiceInvocationResponseQueue, MultipleTransactionServiceInvocationQueue, MultipleTransactionServiceInvocationQCF, MultipleTransactionServiceInvocationResponseQCF	MultipleTransactionApprovalSD

## 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

1. 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	Type	JNDI Name	Subdeployments	Target
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.	UBSNotificationTCF	Connection Factory	UBSNotificationTCF	Default Targeting	obdx_cluster
6.	UBS_NOTIFICATION_TOPIC	Uniform Distributed Topic	UBS_NOTIFICATION_TOPIC	Default Targeting	obdx_cluster

## 5.10.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	NotificationSD		NotificationServer

## 5.11 OBPMSysModule

- [OBPMSysModule](#)
- [Subdeployment View](#)

### 5.11.1 OBPMSysModule

Sr No.	Name	Type	JNDI Name	Subdeployments	Targest
1.	OBPMForeignServer	Foreign Server	N/A	OBPMSubdeployment	obdx_cluster

### 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	Type	JNDI Name	Subdeployments	Targest
1.	DMS_QUEUE_FOREIGN_SERVER	Foreign Server	N/A	PaymentSD	PaymentJMSServer

### 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	Type	JNDI Name	Subdeployments	Target
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	Type	JNDI Name	Subdeployments	Target
1.	REPORTADHOC	Uniform Distributed Queue	REPORTADHOC	Default Targeting	obdx_cluster
2.	REPORTSCHEDULED	Uniform Distributed Queue	REPORTSCHEDULED	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	Type	JNDI Name	Subdeployments	Targest
1.	UBSForeignServer	Foreign Server	N/A	UBSSubdeployment	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	Type	JNDI Name	Subdeployments	Targest
1.	UserGroupUser QCF	Connection Factory	UserGroupUser QCF	Default Targeting	obapi_cluster
2.	UserGroupUser Topic	Topic	UserGroupUser Topic	UserGroupUser SD	UserGroupUser JMSServer

### 5.16.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	UserGroupUserSD	UserGroupUserTopic	UserGroupUserJMSServer

## 5.17 Party Movement Report Functionality

- [Party Movement Report Functionality](#)
- [Subdeployment View](#)

### 5.17.1 Party Movement Report Functionality

Sr No.	Name	Type	JNDI Name	Subdeployments	Targest
1.	PartyMovementReportQCF	Connection Factory	PartyMovementReportQCF	Default Targeting	obdx_cluster

Sr No.	Name	Type	JNDI Name	Subdeployments	Target
2.	PartyMovementReportTopic	Uniform Distributed Topic	PartyMovementReportTopic	Default Targeting	obdx_cluster

## 5.17.2 Subdeployment View

Sr No.	Name	Resources	Subdeployment
1	PartyMovementReportSD		PartyMovementReportJMS

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