# Oracle® Banking Digital Experience JMS Configuration Multi Entity Guide





Oracle Banking Digital Experience JMS Configuration Multi Entity Guide, Release 25.1.0.0.0

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## **Preface**

## 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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## 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, emphasi placeholder variables for which you supparticular 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 Digital Experience Installation Manuals
- Oracle Banking Digital Experience Licensing 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; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

## Acronyms and Abbreviations

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

Table 1 Acronyms and Abbreviations

Abbreviation	Description
OBDX	Oracle Banking Digital Experience



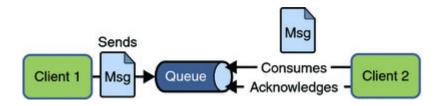
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## Objective and Scope

## 1.1 Background

This topic provides information on **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

This topic provides information on **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

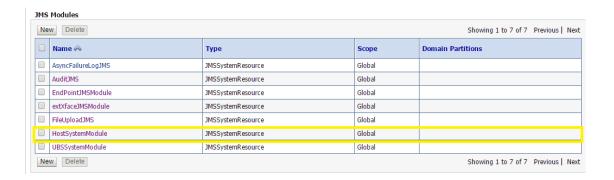
#### 2.1 Introduction and Definitions

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.

#### 2.1.1 Create a JMS Module

This topic describes the systematic instruction to **Create a JMS Module** option.

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



## 2.1.2 Create a foreign Server

This topic describes the systematic instruction to Create a foreign Server option.

- 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.



## 2.1.3 Configure additional properties for the new foreign server

This topic describes the systematic instruction to **Configure additional properties for the new foreign server** option.

- 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.



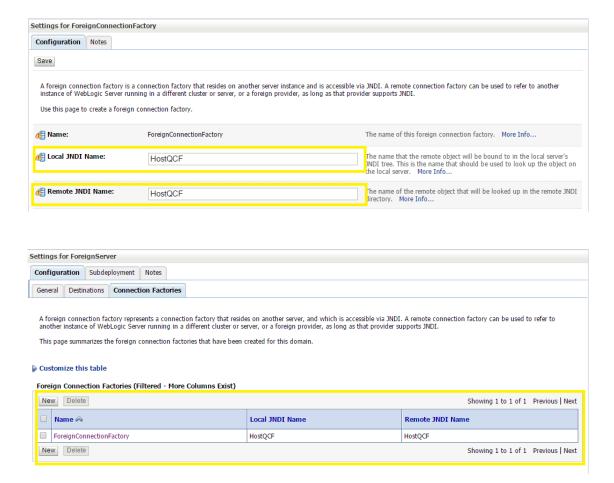
## 2.1.4 Create foreign connection factories

This topic describes the systematic instruction to **Create foreign connection factories** option.

- 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.



## 2.1.5 Create foreign destinations

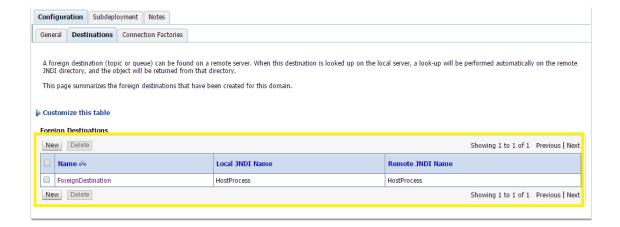
This topic describes the systematic instruction to **Create foreign destinations** option.

- 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.







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

#### 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 Oueue**

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

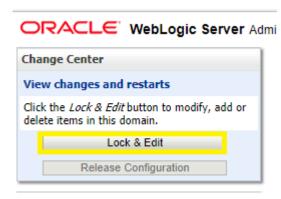
 Configuration Steps-The following steps are done in the WebLogic Server Console, beginning with the left-hand navigation menu.

Create Persistent store-

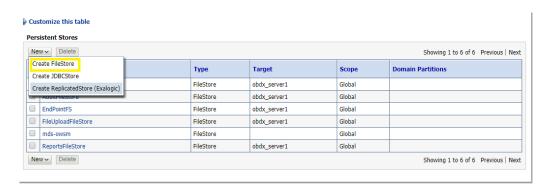
- Here you have to Create a new persistent store (Once the persistent store is created
  that can be used for both sender and receiver serever. Hence there is no nedd to
  create a different persistent store for two different servers.) Hence Before creating a
  JMS server you need to create the Persistent 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-

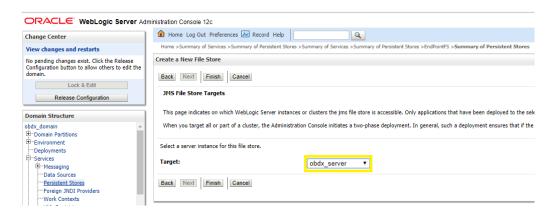


Select new and the select create FileStore from the list as shown below-





- Give the name of the filestore. Example- EndPointFS and the Directory location, example /scratch/obdx/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.

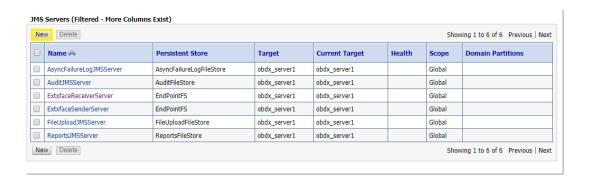
#### 3.1.1 Create a JMS Server

This topic describes the systematic instruction to Create a JMS Server option.

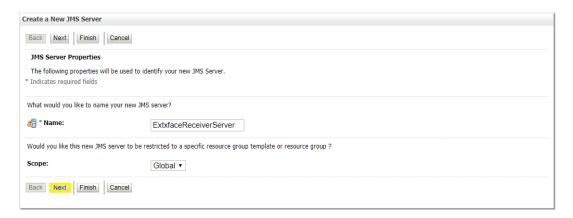
Services → Messaging → JMS Servers



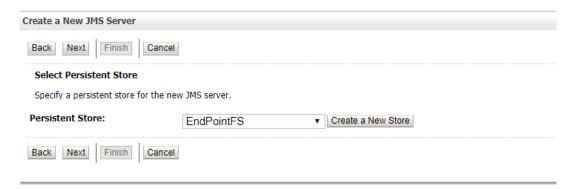
· Select New.



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



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



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





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



#### 3.1.2 Create a JMS Module

This topic describes the systematic instruction to Create a JMS Module option.

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



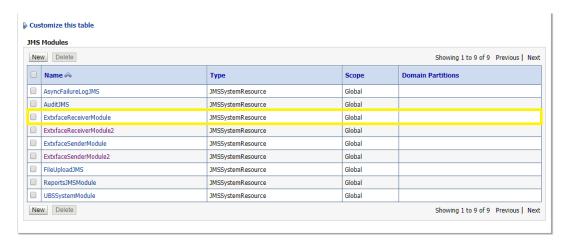


## 3.1.3 Create a SubDeployment

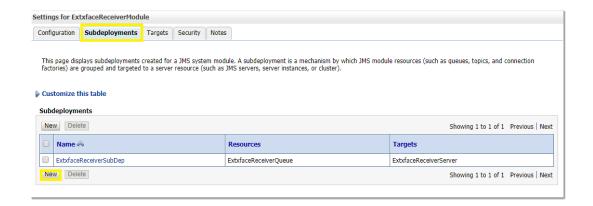
This topic describes the systematic instruction to **Create a SubDeployment** option.

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.

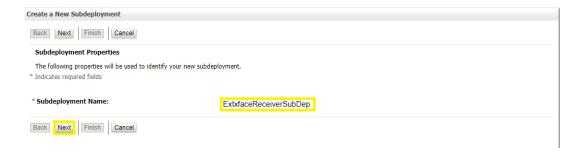
- Services → Messaging → JMS Modules.
- Select ExtxfaceReceiverModule.



· Select the Subdeployments tab and click New.



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



- Here you can select the target(s) for the subdeployment. You can choose either Servers
   (i.e. WebLogic managed servers, such as the obdx\_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.

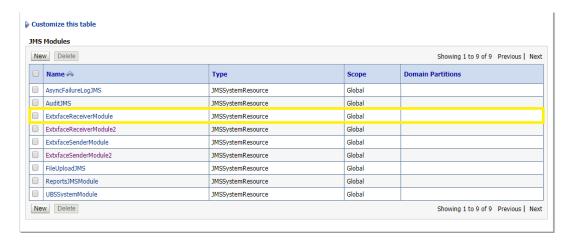


Targets	
Please select targets for the Subdeployment	
Clusters	
obdx_cluster All servers in the cluster Part of the cluster obdx_server1	
JMS Servers	
☐ AsyncFailureLogJMSServer	
☐ AuditJMSServer	
ExtxfaceReceiverServer	
ExtxfaceSenderServer	
☐ FileUploadJMSServer	
ReportsJMSServer	
Back Next Finish Cancel	

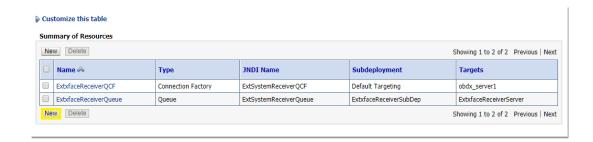
## 3.1.4 Create a Connection Factory

This topic describes the systematic instruction to Create a Connection Factory option.

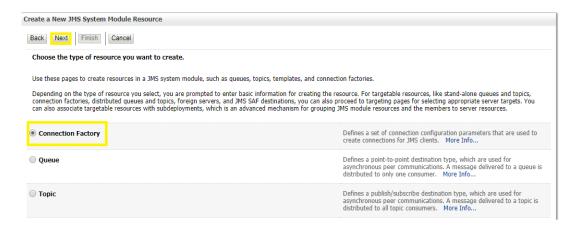
- Services → Messaging → JMS Modules
- Select ExtxfaceReceiverModule and press New.



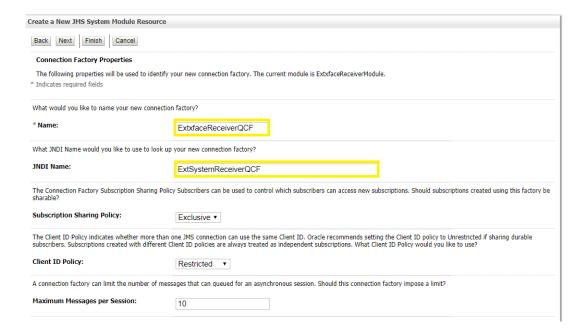




Select Connection Factory and click Next.



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



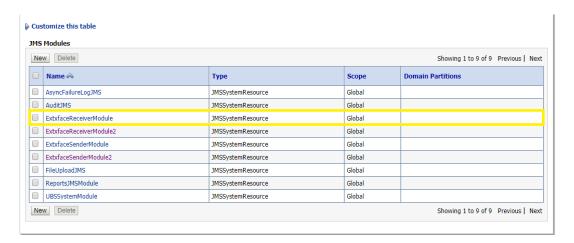


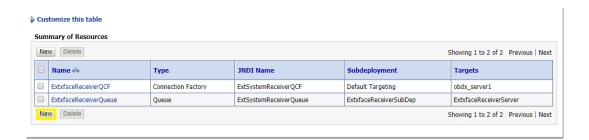
- Select Default Targeting Enabled and Press Finish
- The connection factory should be listed on the following page with **Default Targeting** as Subdeployment and WebLogic cluster as the target.

## 3.1.5 Create a JMS Queue

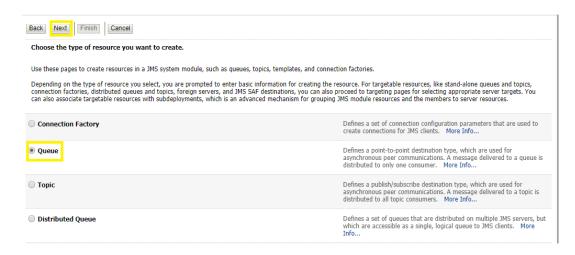
This topic describes the systematic instruction to **Create a JMS Queue** option.

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





Select Queueand Click Next.



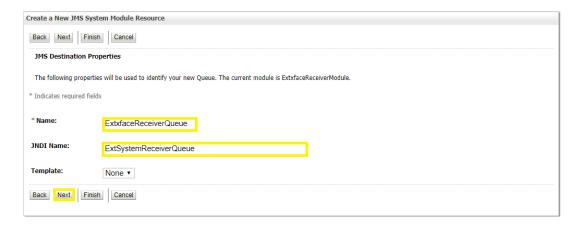


Name: Provide name of the message queue. example- ExtxfaceReceiverQueue.

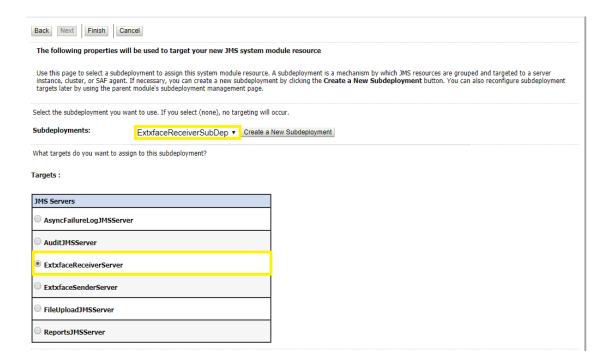
JNDI Name: Provide JNDI name. example- ExtSystemReceiverQueue.

Template: None.

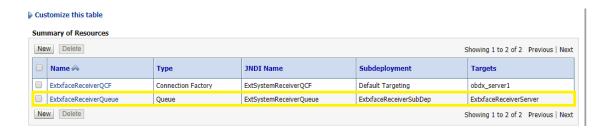
Press Next.



- **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.



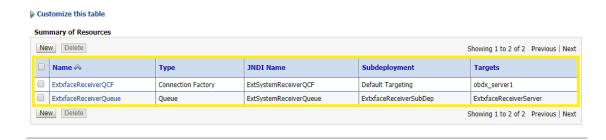
The **ReceiverQueueshould** be listed on the following page with Sub-deployment as **ExtxfaceReceiverSubDep** and target as **ExtxfaceReceiverServer**.



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



#### You should see the following resources-



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

#### ExtSystemReceiverQCF And ExtSystemReceiverQueue.



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**

## 4.1 Sample creation of Queue

This topic provides information on Sample creation of Queue.

1. Step 1:

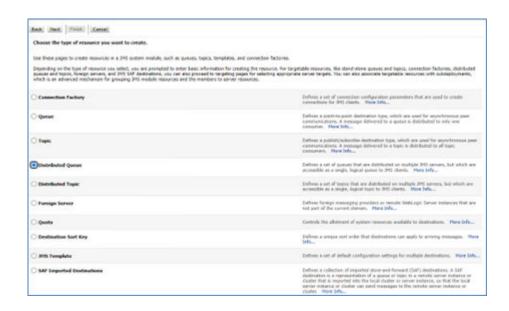
Go to the path where you want to create the Queue.

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

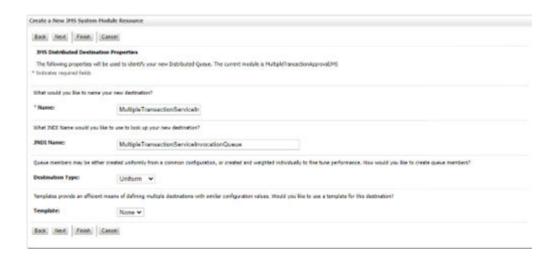
Get the lock and edit in WebLogic.

Click on New.

Then select uniform Queue from the options.



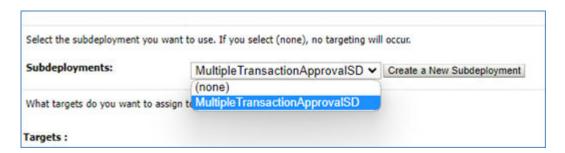
Step 2: Then fill in the data such as Name of the Queue and the JNDI Name from the Table given at the start of the document. Then click on Next.



3. Step 3: Then select on advanced targeting.



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







## 4.2 Sample creation of Connection Factory

This topic provides information on 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)

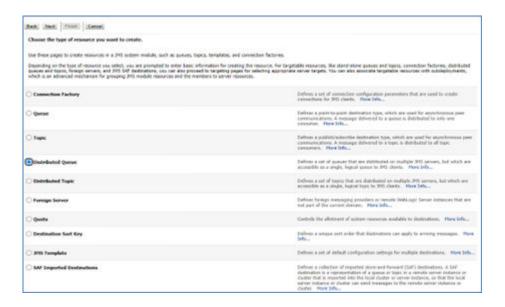
Get the lock and edit in WebLogic.

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

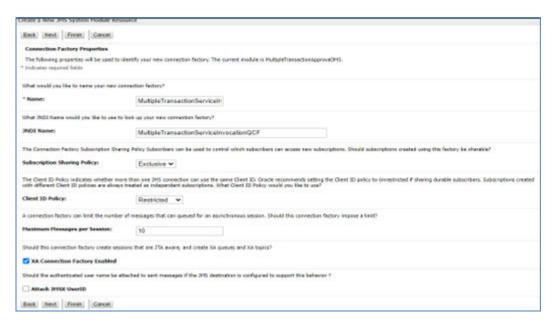


If the Connection Factory is already present with another Sub deployment and Target please delete it and make it fresh.





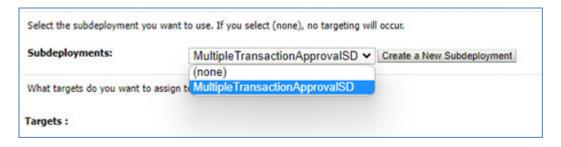
Step 2: Then fill out the Name and JNDI name of the connection Factory that you are creating.



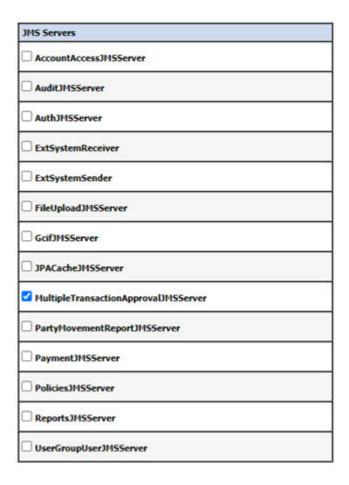
3. Step 3: Then on the next page. Select advanced Targeting.



And then select MultipleTransactionApprovalSD from the Sub deployments dropdown.



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



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.





And the sub deployments should look something like this.



## 4.3 Sample Creation of Topic

This topic provides information on **Sample Creation of Topic**.

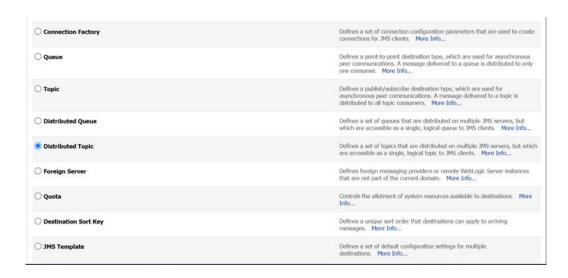
1. Step 1:

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

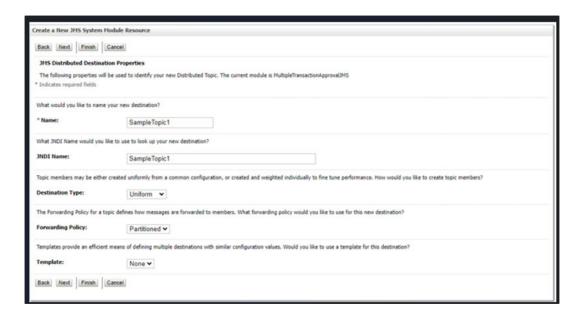
Get the lock and edit in WebLogic.

Click on New.

Then select Distributed Topic from the options.



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



#### Note:

Make sure the Forwarding policy is partitioned.



#### 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

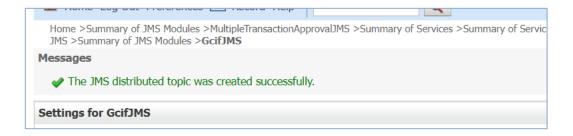
Part of the cluster

obdx\_server1

Back Next Finish Advanced Targeting Cancel



#### Sample topic is created







## **JMS** Configuration

## **5.1 Access Functionality**

## 5.1.1 Regular Access Functionality

This topic provides information on Regular Access Functionality.

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

For more information on fields, refer to the field description table.

Table 5-1 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	AccountAccessQCF	Connection Factory	AccountAccess QCF	Default Targeting	obdx_cluster
2.	ACCOUNTACCESSQ UEUE	Uniform Distributed Queue	ACCOUNTACCE SSQUEUE	AccessSD	AccessJMSMod ule

## 5.1.2 Account Access for a particular bucket

This topic provides information on 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.

For more information on fields, refer to the field description table.

Table 5-2 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1	ACCOUNT_ACCESS_A SYN_BUCKET_QCF	Connection Factory	ACCOUNT_ACCESS_A SYN_BUCKET_QCF	Default Targeting	obdx_clust er
2.	ACCOUNT_ACCESS_A SYN_BUCKET_QUEUE		ACCOUNT_ACCESS_A SYN_BUCKET_QUEUE	AccessSD	AccessJM SModule

#### 5.1.3 Account Access in Bulk

This topic provides information on Account Access in Bulk.

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

For more information on fields, refer to the field description table.

Table 5-3 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	ACCOUNT_ACCESS_A SYN_BULK_QCF	Connection Factory	ACCOUNT_ACCESS_A SYN_BULK_QCF	Default Targeting	obdx_clust er
2.	ACCOUNT_ACCESS_A SYN_BULK_QUEUE		ACCOUNT_ACCESS_A SYN_BULK_QUEUE	AccessSD	AccessJM SModule

## 5.1.4 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-4 Table 1

Sr No.	Name	Resources	Subdeployment
1.	AccessSD	ACCOUNTACCESSQUEUE, ACCOUNT_ACCESS_ASYN_BUCKET_ QUEUE, ACCOUNT_ACCESS_ASYN_BULK_Q UEUE	AccessJMSModule

## 5.2 Audit Functionality

## 5.2.1 Audit Functionality

This topic provides information on Audit Functionality.

For more information on fields, refer to the field description table.

Table 5-5 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	API_AUDIT_QUEUE	Uniform Distributed Queue	API_AUDIT_QUEUE	AuditSD	AuditJMS Server
2.	AUDITQCF	Connection Factory	AUDITQCF	Default Targeting	obdx_clust er
3.	AUDIT_ANALYTICS_Q UEUE	Uniform Distributed Queue	AUDIT_ANALYTICS_Q UEUE	AuditSD	AuditJMS Server
4.	AUDIT_QUEUE	Uniform Distributed Queue	AUDIT_QUEUE	AuditSD	AuditJMS Server



## 5.2.2 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-6 Table 1

Sr No.	Name	Resources Su	ubdeployment
1.	AuditSD	AUDIT_QUEUE, API_AUDIT_QUEU E, AUDIT_ANALYTIC S QUEUE	uditJMSServer

## 5.3 Authentication Functionality

## 5.3.1 Authentication Functionality

This topic provides information on **Authentication Functionality**.

For more information on fields, refer to the field description table.

Table 5-7 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1	AUTHAUDITQCF	Connection Factory	AUTHAUDITQCF	Default Targeting	obdx_clust er
2.	AUTH_API_AUDIT_Q UEUE	Uniform Distributed Queue	AUTH_API_AUDIT_Q UEUE	AuthSD	AuthJMS Module

## 5.3.2 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-8 Table 1

Sr No.	Name	Resources	Subdeployment
1.	AuthSD	AUTH_API_AUDIT _QUEUE	AuthJMSModule



## 5.4 ExtSystemReceiver Functionality

## 5.4.1 ExtSystemReceiver Functionality

This topic provides information on ExtSystemReceiver Functionality.

For more information on fields, refer to the field description table.

Table 5-9 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployments	T a r g e
1.	ExtSystemReceiverQ CF	Connection Factory	ExtSystemReceiverQ CF	Default Targeting	<b>s t</b> o b d
					x  c uster
2.	ExtSystemReceiverQu eue	Uniform Distributed Queue	ExtSystemReceiverQu eue	ExtSystemReceiverSu b	. ExtopoteERece. per

## 5.4.2 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.



Table 5-10 Table 1

Sr No.	Name	Resources	Subdeployment
1	ExtSystemReceiverSub	ExtSystemReceive rQueue	ExtSystemReceiver

## 5.5 ExtSystemSender Functionality

### 5.5.1 ExtSystemSender Functionality

This topic provides information on ExtSystemSender Functionality.

For more information on fields, refer to the field description table.

Table 5-11 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	ExtSystemSenderQCF	Connection Factory	ExtSystemSend erQCF	Default Targeting	obdx_cluster
2.	ExtSystemSenderQue ue	Uniform Distributed Queue	ExtSystemSend erQueue	ExtSystemSend erSub	ExtSystemSend er

### 5.5.2 Subdeployment View

This topic provides information on Subdeployment View.

For more information on fields, refer to the field description table.

Table 5-12 Table 1

Sr No.	Name	Resources	Subdeployment
1	ExtSystemSenderSub	ExtSystemSender Queue	ExtSystemSender

## 5.6 File Upload Functionality

### 5.6.1 Bulk CMS functionality

This topic provides information on Bulk CMS functionality.

Table 5-13 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	BULKCMS_PREPROCE	Uniform	BULKCMS_PREPROCE	FileUpload	FileUpload
	SS	Distributed Queue	SS	SD	JMSServer
2.	BULKCMS_RAPPROVA	Uniform	BULKCMS_RAPPROVA	FileUpload	FileUpload
	L	Distributed Queue	L	SD	JMSServer

#### 5.6.2 BULK CORPORATE LOAN PROCESSING AND APRROVAL

This topic provides information on Bulk Corporate Loan Processing and Aprroval.

For more information on fields, refer to the field description table.

Table 5-14 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	BULKCORPORATELOA N_PREPROCESS		BULKCORPORATELOA N_PREPROCESS	Default Targeting	obdx_clust er
2.	BULKCORPORATELOA N_RAPPROVAL	Uniform Distributed Queue	BULKCORPORATELOA N_RAPPROVAL	Default Targeting	obdx_clust er

### 5.6.3 BULK Electronic Bill Payment Processing and Approval

This topic provides information on BULK Electronic Bill Payment Processing and Approval.

Table 5-15 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	BULKEBPP_PREPRO CESS	Uniform Distributed Queue	BULKEBPP_PREPRO CESS	FileUploadSD	FileUpload JMSServe r
2.	BULKEBPP_RAPPRO VAL	Uniform Distributed Queue	BULKEBPP_RAPPRO VAL	FileUploadSD	FileUpload JMSServe r

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



#### 5.6.4 BULK PAYMENT FUNCTIONALITY

This topic provides information on Bulk Payment Functionality.

For more information on fields, refer to the field description table.

Table 5-16 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	BULKPAYMENT_PRE PROCESS	Uniform Distributed Queue	BULKPAYMENT_PRE PROCESS	FileUpload SD	FileUploadJMSS erver
2.	BULKPAYMENT_PRO CESS	Uniform Distributed Queue	BULKPAYMENT_PRO CESS	FileUpload SD	FileUploadJMSS erver
3.	BULKPAYMENT_RAP PROVAL	Uniform Distributed Queue	BULKPAYMENT_RAP PROVAL	FileUpload SD	FileUploadJMSS erver

#### 5.6.5 BULK SCFCM FUNCTIONALITY

This topic provides information on **Bulk SCFCM Functionality**.

For more information on fields, refer to the field description table.

Table 5-17 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	BULKSCFCM_PREPR OCESS	Uniform Distributed Queue	BULKSCFCM_PREPR OCESS	FileUpload SD	FileUploadJMSS erver

### 5.6.6 Subdeployment View

This topic provides information on Subdeployment View.

Table 5-18 Table 1

Sr No.	Name	Resources	Subdeployment
1	FileUploadSD	RAPPROVAL, PREPROCESS, BULKVAM_RAPP ROVAL, BULKVAM_PREP ROCESS, BULKTRADEFINA NCE_RAPPROVAL, BULKTRADEFINA NCE_PREPROCE SS, BULKSCFCM_RA PPROVAL, BULKSCFCM_PR EPROCESS, BULKPAYMENT_R APPROVAL, BULKPAYMENT_P REPROCESS, BULKEBPP_RAPP ROVAL, BULKEBPP_RAPP ROVAL, BULKEBPP_RAPP ROVAL, BULKEBPP_RAPP ROVAL, BULKEBPP_RAPP ROCESS, BULKCMS_RAPP ROVAL, BULKCMS_PREP ROCESS, BULKCMS_PREP ROCESS, BULKPAYMENT_P ROCESS, BULKPAYMENT_P ROCESS	FileUploadJMSServer

# 5.7 GCIF Functionality

### 5.7.1 Onboarding Draft updation functionality

This topic provides information on Onboarding Draft updation functionality.

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

Table 5-19 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GcifOnboardingDraft UpdateQCF	Connection Factory	GcifOnboardingDraft UpdateQCF	Default Targeting	obdx_cluster
2.	GcifOnboardingDraft UpdateQueue	Uniform Distributed Queue	GcifOnboardingDraft UpdateQueue	Default Targeting	obdx_cluster



### 5.7.2 Access point functionality

This topic provides information on Access point functionality.

Changes to Party Account Access is handled by these queues.

For more information on fields, refer to the field description table.

Table 5-20 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	GCIF_ACCESS_POIN T_UPDATE_QCF	Connection Factory	GCIF_ACCESS_POIN T_UPDATE_QCF	Default Targeting	obdx_clust er
2.	GCIF_ACCESS_POIN T_UPDATE_QUEUE	Uniform Distributed Queue	GCIF_ACCESS_POIN T_UPDATE_QUEUE	Default Targeting	obdx_clust er
3.	GCIF_ACCESS_SUB MIT_QCF	Connection Factory	GCIF_ACCESS_SUB MIT_QCF	Default Targeting	obdx_clust er
4.	GCIF_ACCESS_SUB MIT_QUEUE	Uniform Distributed Queue	GCIF_ACCESS_SUB MIT_QUEUE	Default Targeting	obdx_clust er

### 5.7.3 Report mapping functionality at GCIF level

This topic provides information on Report mapping functionality at GCIF level.

For more information on fields, refer to the field description table.

Table 5-21 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_GCIFREPORT _MAPPING_QCF	Connection Factory	GCIF_GCIFREPORT _MAPPING_QCF	Default Targeting	obdx_cluster
2.	GCIF_GCIFREPORT _MAPPING_QUEUE	Uniform Distributed Queue	GCIF_GCIFREPORT _MAPPING_QUEUE	Default Targeting	obdx_cluster

#### 5.7.4 GCIF onboarding draft functionality

This topic provides information on GCIF onboarding draft functionality.

Submission of GCIF Onboarding Wizard.

Table 5-22 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	GCIF_ONBOARDING_ DRAFT_QCF	Connection Factory	GCIF_ONBOAR DING_DRAFT_ QCF	Default Targeting	obdx_cluster
2.	GCIF_ONBOARDING_ DRAFT_QUEUE	Uniform Distributed Queue	GCIF_ONBOAR DING_DRAFT_ QUEUE	Default Targeting	obdx_clu ster

### 5.7.5 GCIF party functionality

This topic provides information on GCIF party functionality.

For more information on fields, refer to the field description table.

Table 5-23 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployments	Targest
1.	GCIF_PARTY_FINAL_ MIGRATION_QCF	Connection Factory	GCIF_PARTY_FI NAL_MIGRATIO N_QCF	Default Targeting	obdx_clust er
2.	GCIF_PARTY_FINAL_ MIGRATION_QUEUE	Uniform Distributed Queue	GCIF_PARTY_FI NAL_MIGRATIO N_QUEUE	Default Targeting	obdx_clust er
3.	GCIF_PARTY_MOVE MENT_REPORT_RES PONSE_QCF	Connection Factory	GCIF_PARTY_M OVEMENT_REP ORT_RESPONS E_QCF	Default Targeting	obdx_clust er
4.	GCIF_PARTY_MOVE MENT_REPORT_RES PONSE_QUEUE	Uniform Distributed Queue	GCIF_PARTY_M OVEMENT_REP ORT_RESPONS E_QUEUE	Default Targeting	obdx_clust er

### 5.7.6 GCIF processing party

This topic provides information on GCIF processing party.

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

Table 5-24 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_PROCESSING _STATUS_QCF	Connection Factory	GCIF_PROCESSING _STATUS_QCF	Default Targeting	obdx_cluster

Table 5-24 (Cont.) Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
2.	GCIF_PROCESSING _STATUS_QUEUE	Uniform Distributed Queue	GCIF_PROCESSING _STATUS_QUEUE	Default Targeting	obdx_cluster

### 5.7.7 GCIF profile creation and updation functionality

This topic provides information on GCIF profile creation and updation functionality.

For more information on fields, refer to the field description table.

Table 5-25 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	GCIF_PROFILE_CRE ATE_QCF	Connection Factory	GCIF_PROFILE_CRE ATE_QCF	Default Targeting	obdx_clust er
2.	GCIF_PROFILE_CRE ATE_QUEUE	Uniform Distributed Queue	GCIF_PROFILE_CRE ATE_QUEUE	Default Targeting	obdx_clust er
3.	GCIF_PROFILE_UPD ATE_QCF	Connection Factory	GCIF_PROFILE_UPD ATE_QCF	Default Targeting	obdx_clust er
4.	GCIF_PROFILE_UPD ATE_QUEUE	Uniform Distributed Queue	GCIF_PROFILE_UPD ATE_QUEUE	Default Targeting	obdx_clust er

### 5.7.8 GCIF report mapping functionality at user level

This topic provides information on GCIF report mapping functionality at user level.

For more information on fields, refer to the field description table.

Table 5-26 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	GCIF_REPORT_MAP PING_QCF	Connection Factory	GCIF_REPORT_MAP PING_QCF	Default Targeting	obdx_clust er
2.	GCIF_REPORT_MAP PING_QUEUE	Uniform Distributed Queue	GCIF_REPORT_MAP PING_QUEUE	Default Targeting	obdx_clust er

### 5.7.9 GCIF Rule functionality

This topic provides information on GCIF Rule functionality.

Table 5-27 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeplo yments	Targest
1.	GCIF_RULE_CREATE_ QCF	Connection Factory	GCIF_RULE_CREATE_ QCF	Default Targeting	obdx_clust er
2.	GCIF_RULE_CREATE_	Uniform	GCIF_RULE_CREATE_	Default	obdx_clust
	QUEUE	Distributed Queue	QUEUE	Targeting	er
3.	GCIF_RULE_DELETE_	Connection	GCIF_RULE_DELETE_	Default	obdx_clust
	QCF	Factory	QCF	Targeting	er
4.	GCIF_RULE_DELETE_	Uniform	GCIF_RULE_DELETE_	Default	obdx_clust
	QUEUE	Distributed Queue	QUEUE	Targeting	er
5.	GCIF_RULE_UPDATE_	Connection	GCIF_RULE_UPDATE_	Default	obdx_clust
	QCF	Factory	QCF	Targeting	er
6.	GCIF_RULE_UPDATE_	Uniform	GCIF_RULE_UPDATE_	Default	obdx_clust
	QUEUE	Distributed Queue	QUEUE	Targeting	er

### 5.7.10 GCIF USER ACCESS functionality

This topic provides information on GCIF USER ACCESS functionality.

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

For more information on fields, refer to the field description table.

Table 5-28 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	GCIF_USERACCESS _SUBMIT_QCF	Connection Factory	GCIF_USERACCESS _SUBMIT_QCF	Default Targeting	obdx_clust er
2.	GCIF_USERACCESS _SUBMIT_QUEUE	Uniform Distributed Queue	GCIF_USERACCESS _SUBMIT_QUEUE	Default Targeting	obdx_clust er

### 5.7.11 GCIF USERGROUP functionality

This topic provides information on GCIF USERGROUP functionality.

Create and Update UserGroup for a GCIf via Onboarding Wizard.

Table 5-29 Table 1

Sı N		Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_USERGROUP _CREATE_QCF	Connection Factory	GCIF_USERGROUP _CREATE_QCF	Default Targeting	obdx_cluster

Table 5-29 (Cont.) Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
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

This topic provides information on GCIF User create and update functionality.

Create and Update User for a GCIf via Onboarding Wizard.

For more information on fields, refer to the field description table.

Table 5-30 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_USER_CREAT E_QCF	Connection Factory	GCIF_USER_CREAT E_QCF	Default Targeting	obdx_cluster
2.	GCIF_USER_CREAT E_QUEUE	Uniform Distributed Queue	GCIF_USER_CREAT E_QUEUE	Default Targeting	obdx_cluster
3.	GCIF_USER_UPDAT E_QCF	Connection Factory	GCIF_USER_UPDAT E_QCF	Default Targeting	obdx_cluster
4.	GCIF_USER_UPDAT E_QUEUE	Uniform Distributed Queue	GCIF_USER_UPDAT E_QUEUE	Default Targeting	obdx_cluster

### 5.7.13 GCIF workflow create functionality

This topic provides information on GCIF workflow create functionality.

Create and Update Workflow for a GCIf via Onboarding Wizard.

Table 5-31 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	GCIF_WORKFLOW_ CREATE_QCF	Connection Factory	GCIF_WORKFLOW_ CREATE_QCF	Default Targeting	obdx_cluster

Table 5-31 (Cont.) Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
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

This topic provides information on 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.

For more information on fields, refer to the field description table.

Table 5-32 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	OnboardingDraftDelete QCF	Connection Factory	OnboardingDraft DeleteQCF	Default Targeting	obdx_cluster
2.	OnboardingDraftDelete Topic	Uniform Distributed Queue	OnboardingDraft DeleteTopic	Default Targeting	obdx_cluster

#### 5.7.15 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-33 Table 1

Sr No.	Name	Resources	Subdeployment
1	GcifSD		GcifJmsServer

# 5.8 jpa-cache Functionality

### 5.8.1 jpa-cache Functionality

This topic provides information on jpa-cache Functionality.

For more information on fields, refer to the field description table.

Table 5-34 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	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

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-35 Table 1

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

# 5.9 Multiple Transaction Approval Functionality

### 5.9.1 Multiple Transaction Approval Functionality

This topic provides information on Multiple Transaction Approval Functionality.

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

Table 5-36 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	MultipleTransactionS erviceInvocationQueu e	Uniform Distributed Queue	MultipleTransactionS erviceInvocationQueu e	MultipleTransac tionApprovalSD	MultipleTransac tionApprovalJM SServer
2.	MultipleTransactionS erviceInvocationQCF	Connection Factory	MultipleTransactionS erviceInvocationQCF	MultipleTransac tionApprovalSD	MultipleTransac tionApprovalJM SServer
3.	MultipleTransactionS erviceInvocationResp onseQCF	Connection Factory	MultipleTransactionS erviceInvocationResp onseQCF	MultipleTransac tionApprovalSD	MultipleTransac tionApprovalJM SServer
4.	MultipleTransactionS erviceInvocationResp onseQueue	Uniform Distributed Queue	MultipleTransactionS erviceInvocationResp onseQueue	MultipleTransac tionApprovalSD	MultipleTransac tionApprovalJM SServer

### 5.9.2 Subdeployment View

This topic provides information on Subdeployment View.

For more information on fields, refer to the field description table.

Table 5-37 Table 1

Sr No.	Name	Resources	Subdeployment
1	MultipleTransactionApprovalSD	MultipleTransaction ServiceInvocationR esponseQueue, MultipleTransaction ServiceInvocationQ ueue, MultipleTransaction ServiceInvocationQ CF, MultipleTransaction ServiceInvocationR esponseQCF	MultipleTransactionApprovalS D

## 5.10 NotificationServer Functionality

### 5.10.1 NotificationServer Functionality

This topic provides information on 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.

Table 5-38 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployment s	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_T OPIC	Uniform Distributed Queue	NOTIFICATION_T OPIC	Default Targeting	obdx_cluster
5.	UBSNotificationT CF	Connection Factory	UBSNotificationT CF	Default Targeting	obdx_cluster



Table 5-38 (Cont.) Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployment s	Targest
6.	UBS_NOTIFICATI ON_TOPIC		UBS_NOTIFICATI ON_TOPIC	Default Targeting	obdx_cluster

### 5.11 OBPMSystemModule

### 5.11.1 OBPMSystemModule

This topic provides information on OBPMSystemModule.

For more information on fields, refer to the field description table.

Table 5-39 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployments	Targest
1.	OBPMForeignServer	Foreign Server	N/A	OBPMSubdeploymen t	obdx_cluster

### 5.11.2 Subdeployment View

This topic provides information on Subdeployment View.

For more information on fields, refer to the field description table.

Table 5-40 Table 1

Sr No.	Name	Resources	Subdeployment
1	OBPMSubdeployment		obdx_cluster

## 5.12 Payment Functionality

### 5.12.1 Payment Functionality

This topic provides information on Payment Functionality.

Table 5-41 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	DMS_QUEUE_FOREI GN_SERVER	Foreign Server	N/A	PaymentSD	PaymentJMSSer ver

#### 5.12.2 Subdeployment View

This topic provides information on Subdeployment View.

For more information on fields, refer to the field description table.

Table 5-42 Table 1

Sr No.	Name	Resources	Subdeployment
1	PaymentSD		PaymentJMSServer

### 5.13 Policies Functionality

### 5.13.1 Policies Functionality

This topic provides information on 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.

For more information on fields, refer to the field description table.

Table 5-43 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	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

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-44 Table 1

Sr No.	Name	Resources	Subdeployment
1	PoliciesSD		PoliciesJMS

# 5.14 Reports Functionality

#### 5.14.1 Reports Functionality

This topic provides information on Reports Functionality.

This queues are used in Adhoc and schedules reports.



For more information on fields, refer to the field description table.

Table 5-45 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	REPORTADHOC	Uniform Distributed Queue	REPORTADHOC	Default Targeting	obdx_cluster
2.	REPORTSCHEDULE D	Uniform Distributed Queue	REPORTSCHEDULE D	Default Targeting	obdx_cluster
3.	ReportsQCF	Connection Factory	ReportsQCF	Default Targeting	obdx_cluster

### 5.14.2 Subdeployment View

This topic provides information on **Subdeployment View**.

For more information on fields, refer to the field description table.

Table 5-46 Table 1

Sr No.	Name	Resources	Subdeployment
1	PoliciesSD		PoliciesJMS

## 5.15 UBSSystemModule functionality

### 5.15.1 UBSSystemModule functionality

This topic provides information on UBSSystemModule functionality.

For more information on fields, refer to the field description table.

Table 5-47 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	UBSForeignServer	Foreign Server	N/A	UBSSubdeploy ment	obdx_cluster

### 5.15.2 Subdeployment View

This topic provides information on Subdeployment View.

Table 5-48 Table 1

Sr No.	Name	Resources	Subdeployment
1	UBSSubdeployment		obdx_cluster

## 5.16 UserGroupUser Functionality

### 5.16.1 UserGroupUser Functionality

This topic provides information on UserGroupUser Functionality.

For more information on fields, refer to the field description table.

Table 5-49 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeployme nts	Targest
1.	UserGroupUserQCF	Connection Factory	UserGroupUserQCF	Default Targeting	obdx_cluster
2.	UserGroupUserTopic	Topic	UserGroupUserTopic	UserGroupUser SD	UserGroupUser JMSServer

### 5.16.2 Subdeployment View

This topic provides information on Subdeployment View.

For more information on fields, refer to the field description table.

Table 5-50 Table 1

Sr No.	Name	Resources	Subdeployment
1	UserGroupUserSD	UserGroupUserTop ic	UserGroupUserJMSServer

## 5.17 Party Movement Report Functionality

#### 5.17.1 Party Movement Report Functionality

This topic provides information on Party Movement Report Functionality.

Table 5-51 Table 1

Sr No.	Name	Туре	JNDI Name	Subdeploymen ts	Targest
1.	PartyMovementReport QCF	Connection Factory	PartyMovement ReportQCF	Default Targeting	obdx_cluster
2.	PartyMovementReport Topic	Uniform Distributed Topic	PartyMovement ReportTopic	Default Targeting	obdx_cluster

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

# 5.17.2 Subdeployment View

This topic provides information on **Subdeployment View**.

Table 5-52 Table 1

Sr No.	Name	Resources	Subdeployment
1	PartyMovementReportSD		PartyMovementReportJMS



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