

# Oracle® Banking Digital Experience

## Installation Guide-Non-Linux Platforms



Release 25.1.0.0.0

G38593-01

July 2025

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

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### **Access to Oracle Support**

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and](#)

**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 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

# 1

## Manual OBDX Installation

This topic provides information on **Manual OBDX Installation**.

OBAPI Database Installation with OBPM FLAVOR

Once obdx and ehms schema created in base installer, please proceed to below path for patchset scripts execution -

OBDX\_Installer/installables/OBDX/<Installation type>/<version>/db/<version>/OBDX/

Inside above path ddl, dml, and constraints folders are present inside which OBDX scripts will be present which needs to be executed manually.

If any place holder or variables that needs to be replaced manually before executing.

Similarly for other modules also you can find scripts those are to be executed in below path -

OBDX\_Installer/installables/OBDX/<Installation type>/<version>/db/<version>/

Inside above path ddl, dml, and constraints folders are present inside which OBDX scripts will be present which needs to be executed.

- [Policy Seeding](#)

This topic provides information on **Policy Seeding**.

### 1.1 Policy Seeding

This topic provides information on **Policy Seeding**.

```
TEMP_PATH=Temporary Pathcp ${OBDX_INSTALLER}/installables/OBDX/<Installation
type>/<version>/policies/Entitlement_log4j.properties to
TEMP_PATH/db/Entitlement_log4j.propertiescp ${OBDX_INSTALLER}/
installables/OBDX/<Installation
type>/<version>/policies /Task_log4j.properties to
TEMP_PATH/db/Task_log4j.properties cp ${OBDX_INSTALLER}/installables/
OBDX/<Installation type>/<version>/policies
/Dashboard_seed_log4j.properties to TEMP_PATH/db/
Dashboard_seed_log4j.properties
```

update <logs\_path> in the above file (TEMP\_PATH) to desired location.

Execute below command in sequence.

```
Were SCHEMA_NAME=OBDX_${POST_FIX} and SCHEMA_PASS= Password of
OBDX_${POST_FIX} .# $JAVA_HOME/bin/java -
Djava.util.logging.config.file=
TEMP_PATH/db/Task_log4j.properties -jar ${OBDX_INSTALLER}/OBDX/
<Installation
type>/<version>/policies/com.ofss.digx.utils.feed.data.task.jar /
installables/policies/Task.csv
oracle.jdbc.OracleDriver SCHEMA_NAME SCHEMA_PASS
```

```
'jdbc:oracle:thin:@OBDX_DATABASE_HOSTNAME:OBDX_DATABASE_PORT/
OBDX_DATABASE_SID'# $JAVA_HOME/bin/java -Djava.util.logging.config.file=
    TEMP_PATH/db/Dashboard_seed_log4j.properties -jar ${OBDX_INSTALLER}/
OBDX/<Installation
    type>/<version>/policies/com.ofss.digx.utils.dashboard.jar ${OBDX
    INSTALLER}}/OBDX/<Installation type>/<version>/policies/
dashboard_json/
    oracle.jdbc.OracleDriver SCHEMA_NAME SCHEMA_PASS
    'jdbc:oracle:thin:@OBDX_DATABASE_HOSTNAME:OBDX_DATABASE_PORT/
OBDX_DATABASE_SID'# $JAVA_HOME/bin/java -Djava.util.logging.config.file=
    TEMP_PATH/db/Entitlement_log4j.properties -jar ${OBDX_INSTALLER}}/
OBDX/<Installation
    type>/<version>/policies/
com.ofss.digx.utils.entitlement.feed.data.jar ${OBDX_INSTALLER}}/OBDX/
<Installation
    type>/<version>/policies/Resources.csv ${OBDX_INSTALLER}}/OBDX/
<Installation
    type>/<version>/policies/Entitlement.csv ${OBDX_INSTALLER}}/OBDX/
<Installation
    type>/<version>/policies/Day0Policy.csv KERNEL
oracle.jdbc.OracleDriver SCHEMA_NAME SCHEMA_PASS
    'jdbc:oracle:thin:@OBDX_DATABASE_HOSTNAME:OBDX_DATABASE_PORT/
OBDX_DATABASE_SID'
```

# 2

## WEBLOGIC Setup and Configuration

This topic provides information on **WEBLOGIC Setup and Configuration**.

Once OBDX and EHMS schema created, weblogic domain created, managed server, cluster and node manager configured, proceed with below steps.

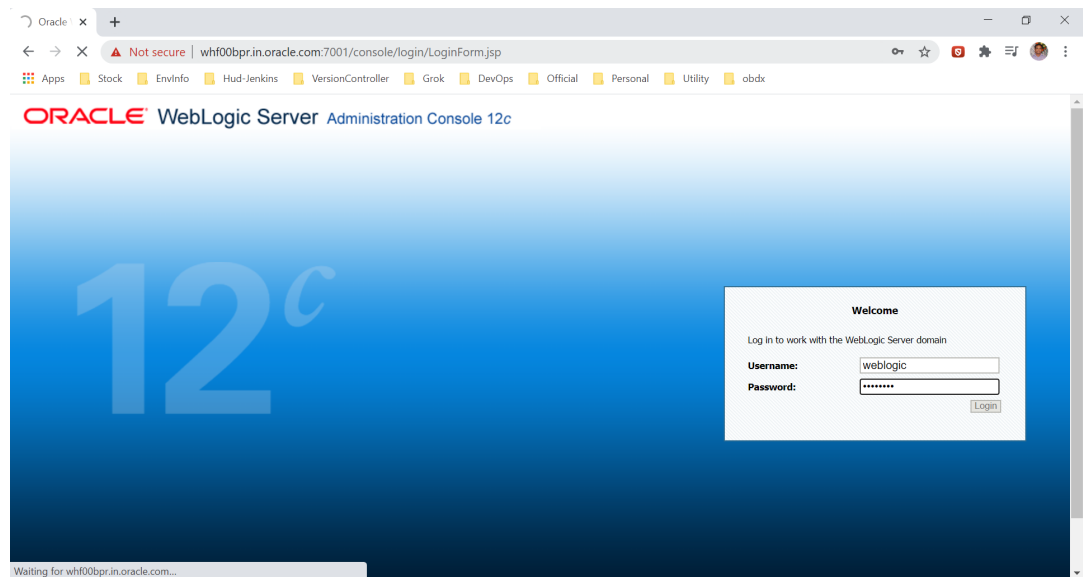
- [Setting Domain JTA Transaction Timeout](#)  
This topic describes the systematic instruction to **Setting Domain JTA Transaction Timeout** option.
- [Creating DIGX Data Source](#)  
This topic describes the systematic instruction to **Creating DIGX Data Source** option.
- [Creating NONXA Data Source](#)  
This topic describes the systematic instruction to **Creating NONXA Data Source** option.
- [Creating BATCH Data Source](#)  
This topic describes the systematic instruction to **Creating BATCH Data Source** option.
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- [Creating jpa-cache JMS Server](#)
- [Creating WLS\\_JPA\\_PS FileStore](#)  
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- [Creating ExtSystemReceiver JMS Server - WLS\\_JMS\\_EXTSYSRECEIVER\\_PS FileStore](#)  
This topic describes the systematic instruction to **Creating ExtSystemReceiver JMS Server - WLS\_JMS\_EXTSYSRECEIVER\_PS FileStore** option.
- [Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS\\_JMS\\_EXTSYSENDER\\_PS](#)  
This topic describes the systematic instruction to **Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS\_JMS\_EXTSYSENDER\_PS** option.

- [Creating UBSForeignServer JMS Server](#)  
This topic describes the systematic instruction to **Creating UBSForeignServer JMS Server** option.
- [Creating OBPMForeignServer JMS Server](#)  
This topic describes the systematic instruction to **Creating OBPMForeignServer JMS Server** option.

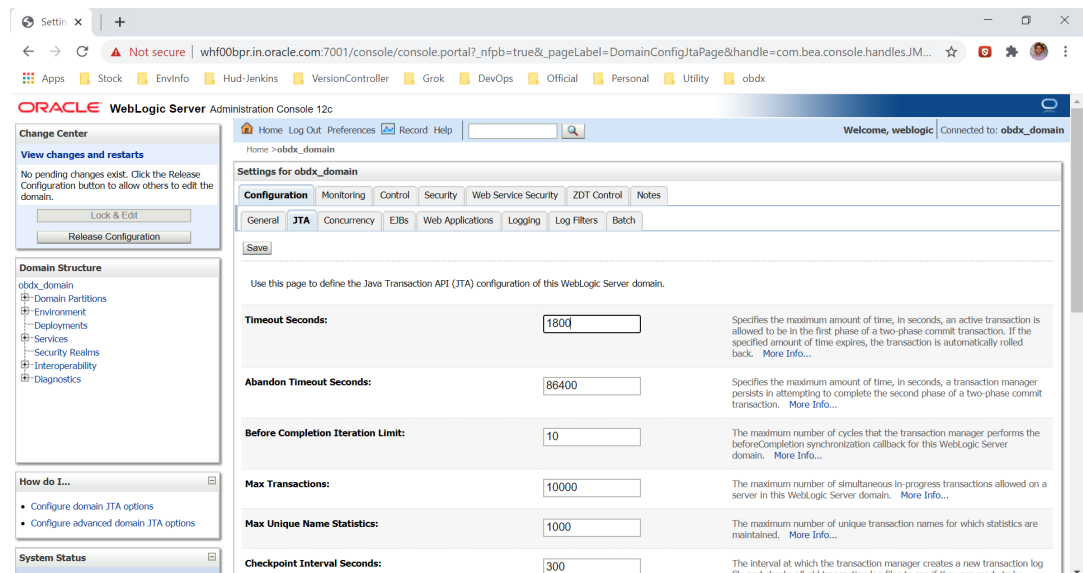
## 2.1 Setting Domain JTA Transaction Timeout

This topic describes the systematic instruction to **Setting Domain JTA Transaction Timeout** option.

1. Logging into weblogic domain with admin credentials (ex. weblogic).



2. Click on DOMAIN\_NAME → JTA → set Timeout Seconds to 1800 → click **Save** → Activate changes.



## 2.2 Creating DIGX Data Source

This topic describes the systematic instruction to **Creating DIGX Data Source** option.

1. Navigate to Data Source → click **New** → Provide details and click **Finish**.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, showing the hierarchy from 'obdx\_domain' down to 'Data Sources'. The 'Change Center' panel shows 'View changes and restarts' with 'No pending changes exist'. The main panel displays the 'Create a New JDBC Data Source' wizard. The wizard has four steps: 'Back', 'Next', 'Finish', and 'Cancel'. The current step is 'JDBC Data Source Properties'. The text below the step title says: 'The following properties will be used to identify your new JDBC data source. \* Indicates required fields'. The properties are: 'Name' (DIGX), 'Scope' (Global), 'JNDI Name' (DIGX), and 'Database Type' (Oracle).

2. **Name:** DIGX  
**JNDI Name:** DIGX

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, showing the hierarchy from 'obdx\_domain' down to 'Data Sources'. The 'Change Center' panel shows 'View changes and restarts' with 'No pending changes exist'. The main panel displays the 'Create a New JDBC Data Source' wizard. The wizard has four steps: 'Back', 'Next', 'Finish', and 'Cancel'. The current step is 'Database Driver'. The text below the step title says: 'What database driver would you like to use to create database connections? Note: \* Indicates that the driver is explicitly supported by Oracle WebLogic Server.' The properties are: 'Database Type' (Oracle) and 'Database Driver' (Oracle's Driver (Thin) for Instance connections; Versions: Any).

3. Select Oracle's Driver (Thin) for Instance connections;



**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Transaction Options**

You have selected non-XA JDBC driver to create database connection in your new data source.

Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.

☒ **Supports Global Transactions**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the *Logging Last Resource (LLR)* transaction optimization. Recommended in place of Emulate Two-Phase Commit.

☐ **Logging Last Resource**

Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.

☒ **Emulate Two-Phase Commit**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.

☐ **One-Phase Commit**

Back Next Finish Cancel

#### 4. Select Emulate Two-Phase Commit.

Configuration button to allow others to edit the domain.

Lock & Edit Release Configuration

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

**System Status**

Health of Running Servers as of 12:12 PM

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (1)

Back Next Finish Cancel

**Connection Properties**

Define Connection Properties.

What is the name of the database you would like to connect to?

**Database Name:** obdx

What is the name or IP address of the database server?

**Host Name:** whf00bop.in.oracle.com

What is the port on the database server used to connect to the database?

**Port:** 1521

What database account user name do you want to use to create database connections?

**Database User Name:** OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?

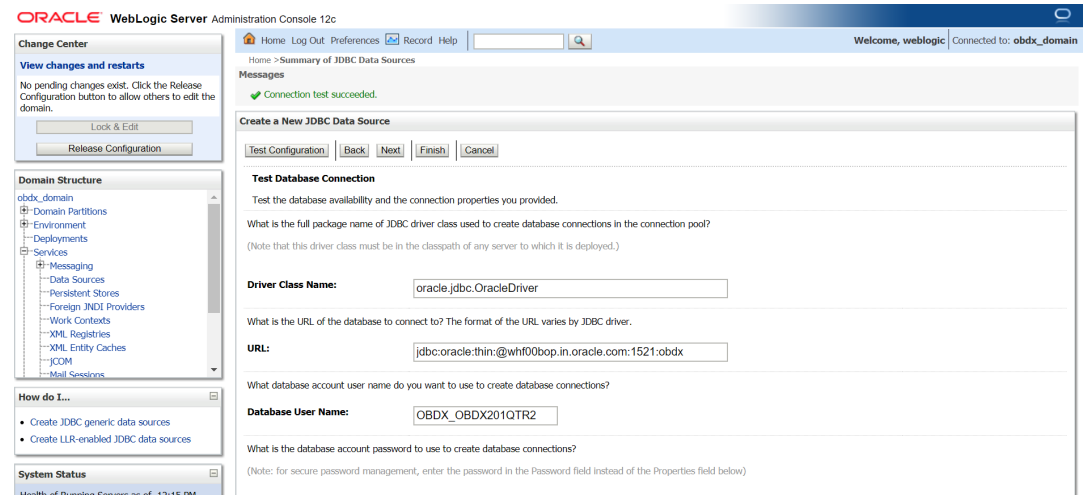
**Password:** \*\*\*\*\*

**Confirm Password:** \*\*\*\*\*

Additional Connection Properties:

**oracle.jdbc.DRCPConnectionClass:**

- Provide
  - Database Name:** Database SID
  - Host Name:** Database hostname
  - Port:** Database port Number
  - Database user Name:** OBDX\_\${POST\_FIX}



ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Messages

Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool?  
(Note that this driver class must be in the classpath of any server to which it is deployed.)

Driver Class Name: oracle.jdbc.OracleDriver

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

URL: jdbc:oracle:thin:@whf00bop.in.oracle.com:1521:obdx

What database account user name do you want to use to create database connections?

Database User Name: OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?  
(Note: for secure password management, enter the password in the Password field instead of the Properties field below)

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers
    - Work Contexts
    - XML Registries
    - XML Entity Caches
    - JCOM
    - Mail Sessions

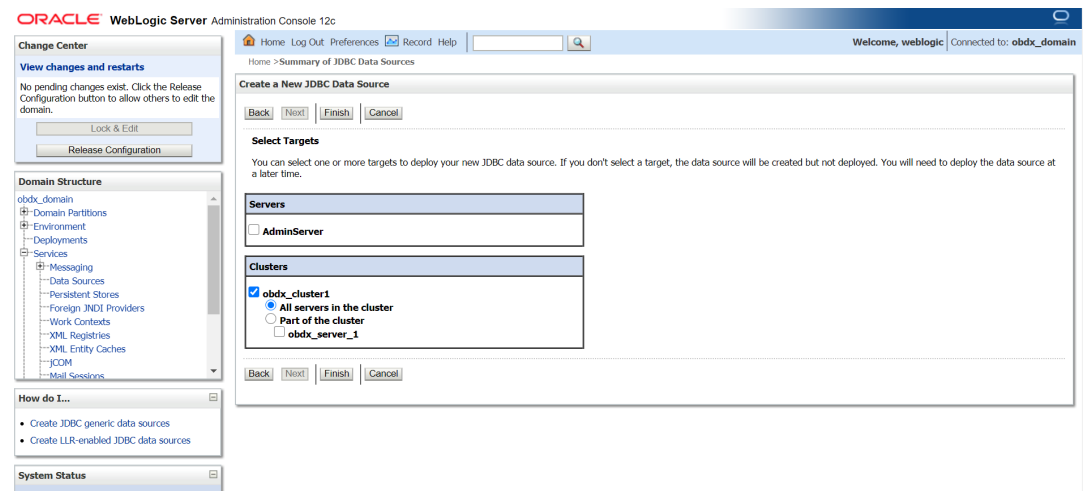
How do I...?

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

System Status

Health of Running Services as of: 13:15 PM

## 6. Test Configuration.



ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

Select Targets

You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.

Servers

☐ AdminServer

Clusters

☒ obdx\_cluster1

- ☒ All servers in the cluster
- ☐ Part of the cluster
  - ☐ obdx\_server\_1

Back Next Finish Cancel

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

obdx\_domain

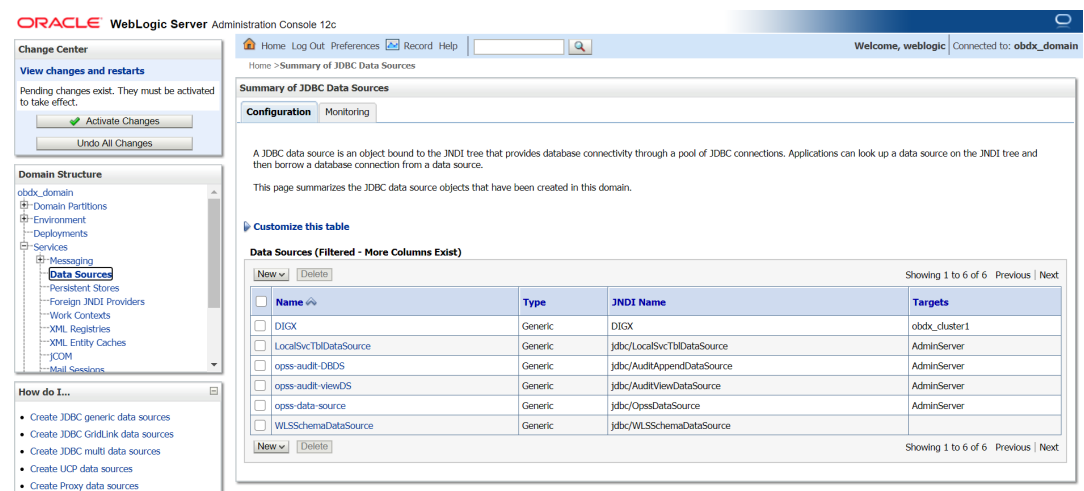
- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers
    - Work Contexts
    - XML Registries
    - XML Entity Caches
    - JCOM
    - Mail Sessions

How do I...?

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

System Status

## 7. Target to cluster.



ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Summary of JDBC Data Sources

Configuration Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

Name	Type	JNDI Name	Targets
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTbDataSource	Generic	jdbc/LocalSvcTbDataSource	AdminServer
<input type="checkbox"/> opss-audit-DEDS	Generic	jdbc/AuditAppendDataSource	AdminServer
<input type="checkbox"/> opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
<input type="checkbox"/> opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
<input type="checkbox"/> WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete

Showing 1 to 6 of 6 Previous Next

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers
    - Work Contexts
    - XML Registries
    - XML Entity Caches
    - JCOM
    - Mail Sessions

How do I...?

- Create JDBC generic data sources
- Create JDBC GridLink data sources
- Create JDBC multi data sources
- Create UCP data sources
- Create Proxy data sources

## 2.3 Creating NONXA Data Source

This topic describes the systematic instruction to **Creating NONXA Data Source** option.

1. Navigate to Data Source → click **New** → Provide details and click **Finish**.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

How do I...

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

System Status

Health of Running Servers as of 12:16 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

The following properties will be used to identify your new JDBC data source.

\* Indicates required fields

What would you like to name your new JDBC data source?

Name: NONXA

What scope do you want to create your data source in ?

Scope: Global

What JNDI name would you like to assign to your new JDBC Data Source?

JNDI Name: NONXA

What database type would you like to select?

2. Name : NONXA  
JNDI Name : NONXA

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

How do I...

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

System Status

Health of Running Servers as of 12:17 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

The following properties will be used to identify your new JDBC data source.

Database Type: Oracle

What database driver would you like to use to create database connections? Note: \* indicates that the driver is explicitly supported by Oracle WebLogic Server.

Database Driver: \*Oracle's Driver (Thin) for Instance connections; Versions: Any

Back Next Finish Cancel

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Transaction Options**

You have selected non-XA JDBC driver to create database connection in your new data source.

Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.

☐ Supports Global Transactions

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the *Logging Last Resource* (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.

☐ Logging Last Resource

Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.

☐ Emulate Two-Phase Commit

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.

☒ One-Phase Commit

Back Next Finish Cancel

3. Click Next.

Back Next Finish Cancel

**Connection Properties**

Define Connection Properties.

What is the name of the database you would like to connect to?

**Database Name:** obdx

What is the name or IP address of the database server?

**Host Name:** whf00bop.in.oracle.com

What is the port on the database server used to connect to the database?

**Port:** 1521

What database account user name do you want to use to create database connections?

**Database User Name:** OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?

**Password:** \*\*\*\*\*

**Confirm Password:** \*\*\*\*\*

Additional Connection Properties:

**oracle.jdbc.DRCPConnectionClass:**

4. Provide
- Database Name:** Database SID
- Host Name:** Database hostname
- Port:** Database port Number
- Database user Name:** OBDX\_\${POST\_FIX}
- Password:** Database user password

to take effect.

Activate Changes  
Undo All Changes

**Domain Structure**

- obdx\_domain
  - Domain Partitions
  - Environment
  - Deployments
  - Services
    - Messaging
      - Data Sources
      - Persistent Stores
      - Foreign JNDI Providers
      - Work Contexts
      - XML Registries
      - XML Entity Caches
      - JCOM
      - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

**System Status**

Health of Running Servers as of 12:24 PM

Failed (0)  
Critical (0)  
Overloaded (0)  
Warning (0)  
OK (1)

Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

**Test Database Connection**

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool?  
(Note that this driver class must be in the classpath of any server to which it is deployed.)

**Driver Class Name:** oracle.jdbc.OracleDriver

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

**URL:** jdbc:oracle:thin:@whl00bop.in.oracle.com:1521:obdx

What database account user name do you want to use to create database connections?

**Database User Name:** OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?  
(Note: for secure password management, enter the password in the Password field instead of the Properties field below)

**Password:** \*\*\*\*\*

**Confirm Password:** \*\*\*\*\*

## 5. Test Configuration.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

**Select Targets**

You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.

**Servers**

☐ AdminServer

**Clusters**

☒ obdx\_cluster1  
☒ All servers in the cluster  
☐ Part of the cluster  
☐ obdx\_server\_1

Back Next Finish Cancel

## 6. Select target as cluster → Finish.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Summary of JDBC Data Sources

Configuration Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

Name	Type	JNDI Name	Targets
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTbdDataSource	Generic	jdbc/LocalSvcTbdDataSource	AdminServer
<input type="checkbox"/> NONXA	Generic	NONXA	obdx_cluster1
<input type="checkbox"/> opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
<input type="checkbox"/> opss-audit-viewOS	Generic	jdbc/AuditViewDataSource	AdminServer
<input type="checkbox"/> opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
<input type="checkbox"/> WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete Showing 1 to 7 of 7 Previous Next

## 2.4 Creating BATCH Data Source

This topic describes the systematic instruction to **Creating BATCH Data Source** option.

1.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

**System Status**

Health of Running Servers as of 12:26 PM

**Create a New JDBC Data Source**

Back Next Finish Cancel

**JDBC Data Source Properties**

The following properties will be used to identify your new JDBC data source.

\* Indicates required fields

What would you like to name your new JDBC data source?

Name: BATCH

What scope do you want to create your data source in?

Scope: Global

What JNDI name would you like to assign to your new JDBC Data Source?

JNDI Name: BATCH

What database type would you like to select?

2. **Name : BATCH**  
**JNDI Name : BATCH**

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

**System Status**

Health of Running Servers as of 12:26 PM

**Create a New JDBC Data Source**

Back Next Finish Cancel

**JDBC Data Source Properties**

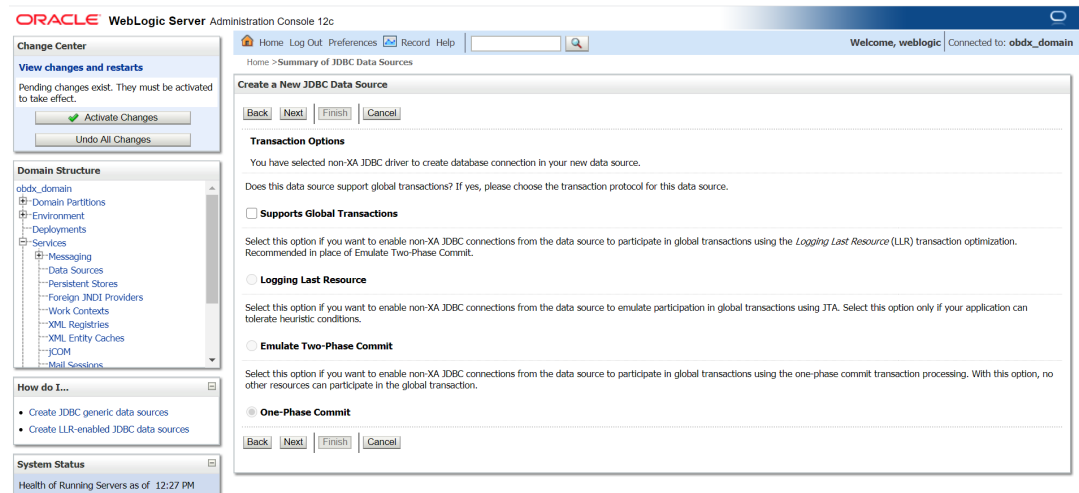
The following properties will be used to identify your new JDBC data source.

**Database Type:** Oracle

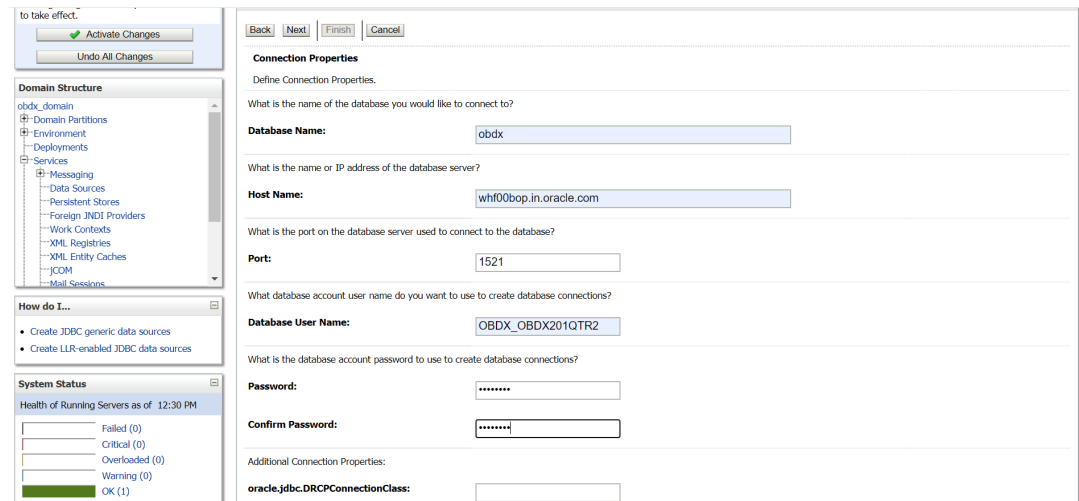
What database driver would you like to use to create database connections? Note: \* Indicates that the driver is explicitly supported by Oracle WebLogic Server.

**Database Driver:** \*Oracle's Driver (Thin) for Instance connections; Versions: Any

Back Next Finish Cancel



3. Click Next.



4. Provide
- Database Name:** Database SID
  - Host Name:** Database hostname
  - Port:** Database port Number
  - Database user Name:** OBDX\_\${POST\_FIX}
  - Password:** Database user password

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Messages**  
Connection test succeeded.

**Create a New JDBC Data Source**  
Test Configuration Back Next Finish Cancel

**Test Database Connection**  
Test the database availability and the connection properties you provided.  
What is the full package name of JDBC driver class used to create database connections in the connection pool?  
(Note that this driver class must be in the classpath of any server to which it is deployed.)  
**Driver Class Name:** oracle.jdbc.OracleDriver  
What is the URL of the database to connect to? The format of the URL varies by JDBC driver.  
**URL:** jdbc:oracle:thin:@whf00bop.in.oracle.com:1521:obdx  
What database account user name do you want to use to create database connections?  
**Database User Name:** OBDX\_OBDX2010TR2  
What is the database account password to use to create database connections?  
(Note: for secure password management, enter the password in the Password field instead of the Properties field below)

## 5. Test Configuration.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**  
Back Next Finish Cancel

**Select Targets**  
You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.

**Servers**  
☐ AdminServer

**Clusters**  
☒ obdx\_cluster1  
All servers in the cluster  
Part of the cluster  
☐ obdx\_server\_1

Back Next Finish Cancel

## 6. Target Cluster and click Finish.

to take effect.  
Activate Changes  
Undo All Changes

**Domain Structure**  
obdx\_domain  
Domain Partitions  
Environment  
Deployments  
Services  
Messaging  
Data Sources  
Persistent Stores  
Foreign JNDI Providers  
Work Contexts  
XML Registries  
XML Entity Caches  
JCOM  
Mail Sessions

**How do I...**  
Create JDBC generic data sources  
Create JDBC GridLink data sources  
Create JDBC multi data sources  
Create UCP data sources  
Create Proxy data sources

**System Status**  
Health of Running Servers as of 12:31 PM  
Failed (0)  
Critical (0)

**Configuration Monitoring**

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.  
This page summarizes the JDBC data source objects that have been created in this domain.

**Customize this table**

**Data Sources (Filtered - More Columns Exist)**  
New Delete Showing 1 to 8 of 8 Previous Next

Name	Type	JNDI Name	Targets
<input type="checkbox"/> BATCH	Generic	BATCH	obdx_cluster1
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTbdDataSource	Generic	jdbc/LocalSvcTbdDataSource	AdminServer
<input type="checkbox"/> NONXA	Generic	NONXA	obdx_cluster1
<input type="checkbox"/> opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
<input type="checkbox"/> opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
<input type="checkbox"/> opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
<input type="checkbox"/> WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	AdminServer

New Delete Showing 1 to 8 of 8 Previous Next



## 2.5 Creating SYSCONFIG Data Source

This topic describes the systematic instruction to **Creating SYSCONFIG Data Source** option.

1.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**JDBC Data Source Properties**

The following properties will be used to identify your new JDBC data source.  
\* Indicates required fields

What would you like to name your new JDBC data source?

Name: SYSCONFIG

What scope do you want to create your data source in ?

Scope: Global

What JNDI name would you like to assign to your new JDBC Data Source?

JNDI Name: SYSCONFIG

What database type would you like to select?

2. **Name : SYSCONFIG**  
**JNDI Name : SYSCONFIG**

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**JDBC Data Source Properties**

The following properties will be used to identify your new JDBC data source.

**Database Type:** Oracle

What database driver would you like to use to create database connections? Note: \* Indicates that the driver is explicitly supported by Oracle WebLogic Server.

**Database Driver:** Oracle's Driver (Thin) for Instance connections; Versions: Any

Back Next Finish Cancel

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Transaction Options**

You have selected non-XA JDBC driver to create database connection in your new data source.

Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.

☐ **Supports Global Transactions**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the *Logging Last Resource* (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.

☐ **Logging Last Resource**

Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.

☐ **Emulate Two-Phase Commit**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.

☒ **One-Phase Commit**

Back Next Finish Cancel

3. Click Next.

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Connection Properties**

Define Connection Properties.

What is the name of the database you would like to connect to?

**Database Name:** obdx

What is the name or IP address of the database server?

**Host Name:** whf00bop.in.oracle.com

What is the port on the database server used to connect to the database?

**Port:** 1521

What database account user name do you want to use to create database connections?

**Database User Name:** OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?

**Password:** \*\*\*\*\*

**Confirm Password:** \*\*\*\*\*

4. Provide
- Database Name:** Database SID
- Host Name:** Database hostname
- Port:** Database port Number
- Database user Name:** OBDX\_\${POST\_FIX}
- Password:** Database user password

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Messages  
Connection test succeeded.

**Create a New JDBC Data Source**

Test Configuration Back Next Finish Cancel

**Test Database Connection**

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool?  
(Note that this driver class must be in the classpath of any server to which it is deployed.)

**Driver Class Name:** oracle.jdbc.OracleDriver

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

**URL:** jdbc:oracle:thin:@whf00bop.in.oracle.com:1521:obdx

What database account user name do you want to use to create database connections?

**Database User Name:** OBDX\_OBDX201QTR2

What is the database account password to use to create database connections?  
(Note: for secure password management, enter the password in the Password field instead of the Properties field below)

## 5. Test Configuration.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Select Targets**

You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.

**Servers**

☐ AdminServer

**Clusters**

☒ obdx\_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx\_server\_1

Back Next Finish Cancel

## 6. Select target as cluster and click **Finish**.

to take effect.

Activate Changes Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers
    - Work Contexts
    - XML Registries
    - XML Entity Caches
    - JCOM
    - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create JDBC GridLink data sources
- Create JDBC multi data sources
- Create UCP data sources
- Create Proxy data sources

**System Status**

Health of Running Servers as of 12:36 PM

Failed (0)

Critical (0)

**Configuration** Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

**Customize this table**

**Data Sources (Filtered - More Columns Exist)**

New Delete Showing 1 to 9 of 9 Previous Next

Name	Type	JNDI Name	Targets
<input type="checkbox"/> BATCH	Generic	BATCH	obdx_cluster1
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTbDataSource	Generic	jdbc/LocalSvcTbDataSource	AdminServer
<input type="checkbox"/> NONXA	Generic	NONXA	obdx_cluster1
<input type="checkbox"/> opss-audit-OBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
<input type="checkbox"/> opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
<input type="checkbox"/> opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
<input type="checkbox"/> SYSCONFIG	Generic	SYSCONFIG	obdx_cluster1
<input type="checkbox"/> WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete Showing 1 to 9 of 9 Previous Next

## 2.6 Creating B1A1 Data Source

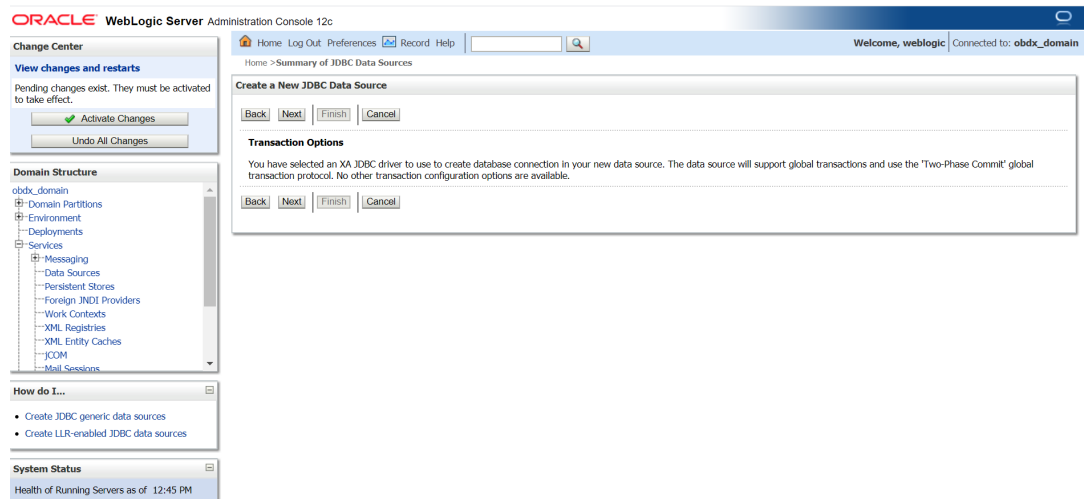
This topic describes the systematic instruction to **Creating B1A1 Data Source** option.

1.

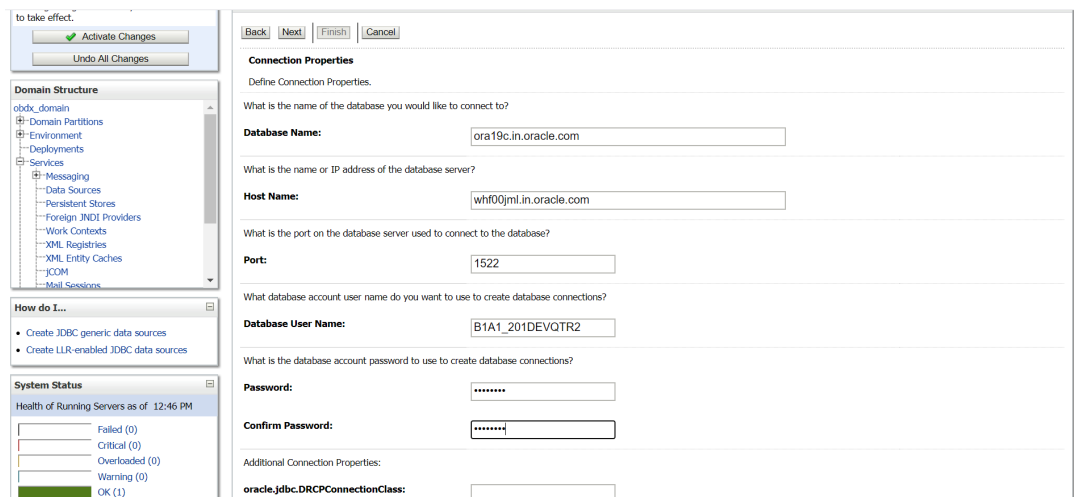
The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, showing the hierarchy from 'obdx\_domain' down to 'Mail Sessions'. The 'Change Center' at the top left indicates 'View changes and restarts' with buttons for 'Activate Changes' and 'Undo All Changes'. The main panel displays the 'Create a New JDBC Data Source' wizard. The 'JDBC Data Source Properties' section is active, showing the following fields: 'Name' (B1A1), 'Scope' (Global), 'JNDI Name' (OBDX\_BU\_B1A1), and 'Database Type' (Oracle). The wizard has navigation buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

2. **Name:** B1A1  
**JNDI Name :** OBDX\_BU\_B1A1

This screenshot shows the same Oracle WebLogic Server Administration Console, but the wizard has progressed to the next step. The 'Database Type' is now set to 'Oracle'. The 'Database Driver' dropdown menu is open, showing the selected option: '\*Oracle's Driver (Thin XA) for Service connections; Versions:Any'. The 'Name' and 'JNDI Name' fields remain unchanged. The 'Finish' button is now highlighted, indicating the completion of the wizard.



### 3. Click Next.



### 4. Provide

**Database Name:** Database SID (\$EHMS\_DATABASE\_SID)

**Host Name:** Database hostname (\$EHMS\_DATABASE\_HOSTNAME)

**Port:** Database port Number (\$EHMS\_DATABASE\_PORT)

**Database user Name:** \${ EHMS\_SCHEMA\_NAME }

**Password:** Database user \${ EHMS\_SCHEMA\_NAME } password

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

Messages

Connection test succeeded.

**Create a New JDBC Data Source**

Test Configuration Back Next Finish Cancel

**Test Database Connection**

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool?

(Note that this driver class must be in the classpath of any server to which it is deployed.)

**Driver Class Name:** oracle.jdbc.xa.client.OracleXADataSource

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

**URL:** jdbc:oracle:thin:@//whf00jml.in.oracle.com:1522/ora19c.in.ora

What database account user name do you want to use to create database connections?

**Database User Name:** B1A1\_201DEVQTR2

What is the database account password to use to create database connections?

(Note: for secure password management, enter the password in the Password field instead of the Properties field below)

## 5. Test Configuration.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources

**Create a New JDBC Data Source**

Back Next Finish Cancel

**Select Targets**

You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.

**Servers**

☐ AdminServer

**Clusters**

☒ obdx\_cluster1

☒ All servers in the cluster

☐ Part of the cluster

☐ obdx\_server\_1

Back Next Finish Cancel

## 6. Set target as cluster and click **Finish**.

to take effect.

Activate Changes Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Messaging
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers
  - Work Contexts
  - XML Registries
  - XML Entity Caches
  - JCOM
  - Mail Sessions

**How do I...**

- Create JDBC generic data sources
- Create JDBC GridLink data sources
- Create JDBC multi data sources
- Create UCP data sources
- Create Proxy data sources

**System Status**

Health of Running Servers as of 12:51 PM

Failed (0)

Critical (0)

**Configuration** Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

**Customize this table**

**Data Sources (Filtered - More Columns Exist)**

New Delete Showing 1 to 10 of 10 Previous Next

Name	Type	JNDI Name	Targets
<input type="checkbox"/> B1A1	Generic	OBDX_BU_B1A1	obdx_cluster1
<input type="checkbox"/> BATCH	Generic	BATCH	obdx_cluster1
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTbDataSource	Generic	jdbc/LocalSvcTbDataSource	AdminServer
<input type="checkbox"/> NONXA	Generic	NONXA	obdx_cluster1
<input type="checkbox"/> opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
<input type="checkbox"/> opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
<input type="checkbox"/> opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
<input type="checkbox"/> SYSCONFIG	Generic	SYSCONFIG	obdx_cluster1
<input type="checkbox"/> WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

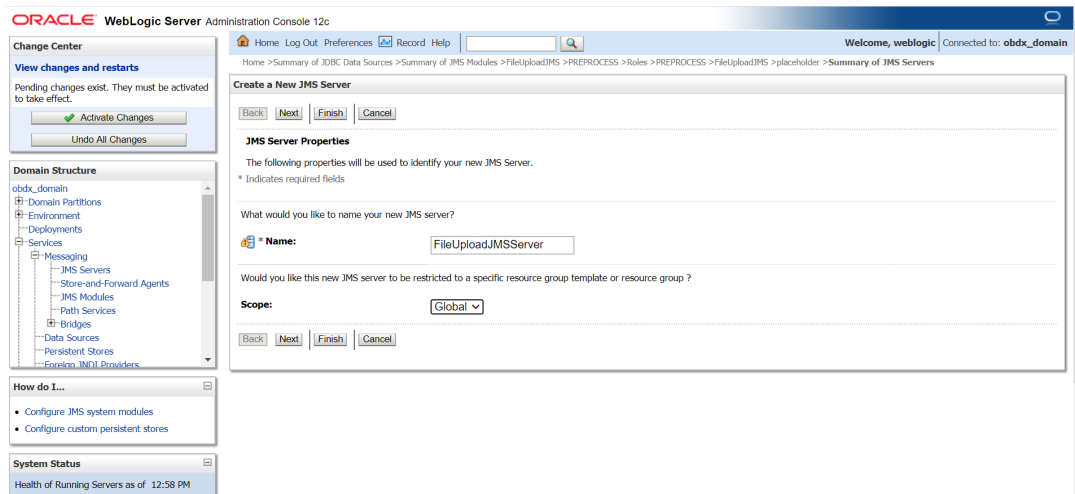
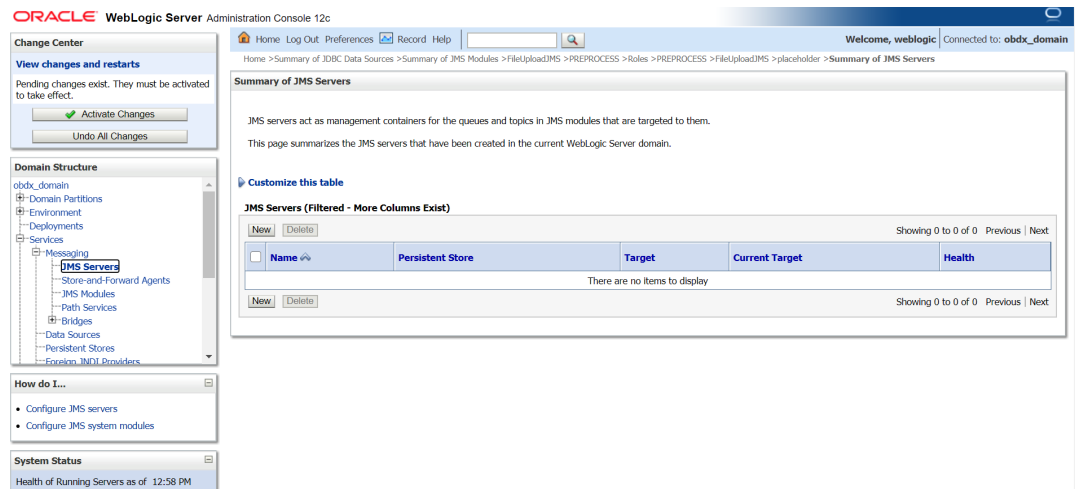
New Delete Showing 1 to 10 of 10 Previous Next

## 2.7 Create JMS Server and JMS Module

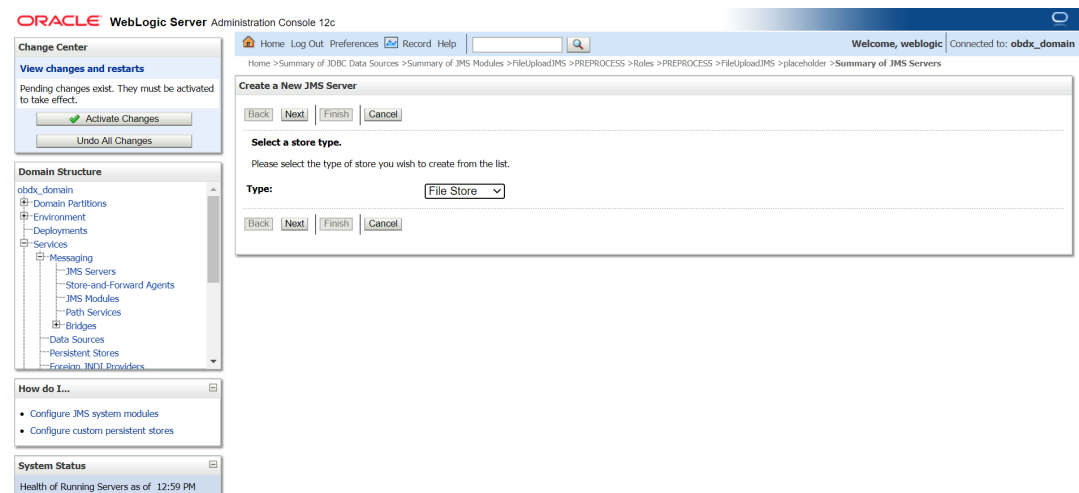
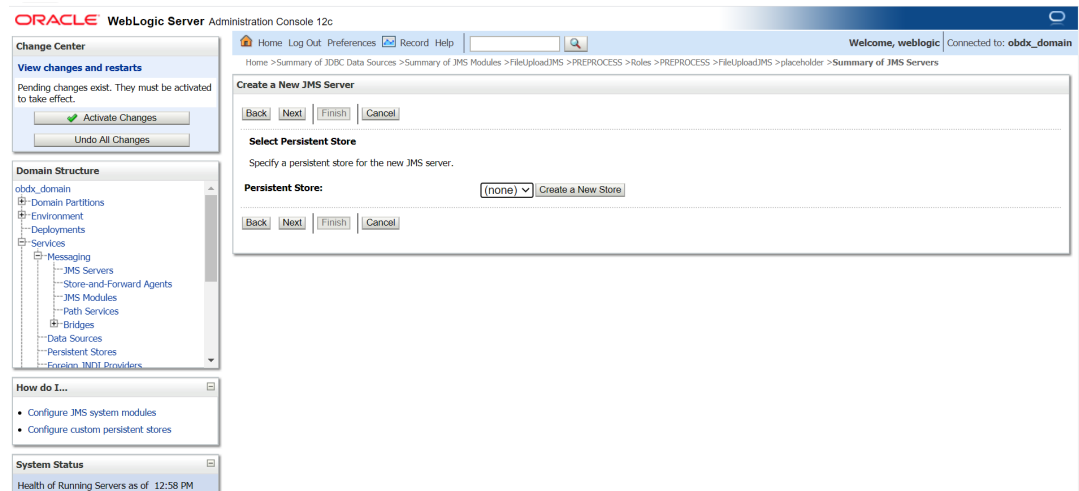
This topic describes the systematic instruction to **Create JMS Server and JMS Module** option.

- Creating FileUploadJMS JSM Module
- Creating WLS\_JMS\_FILEUPLOAD\_PS FileStore
- Creating FileUploadJMSServer JMS Server

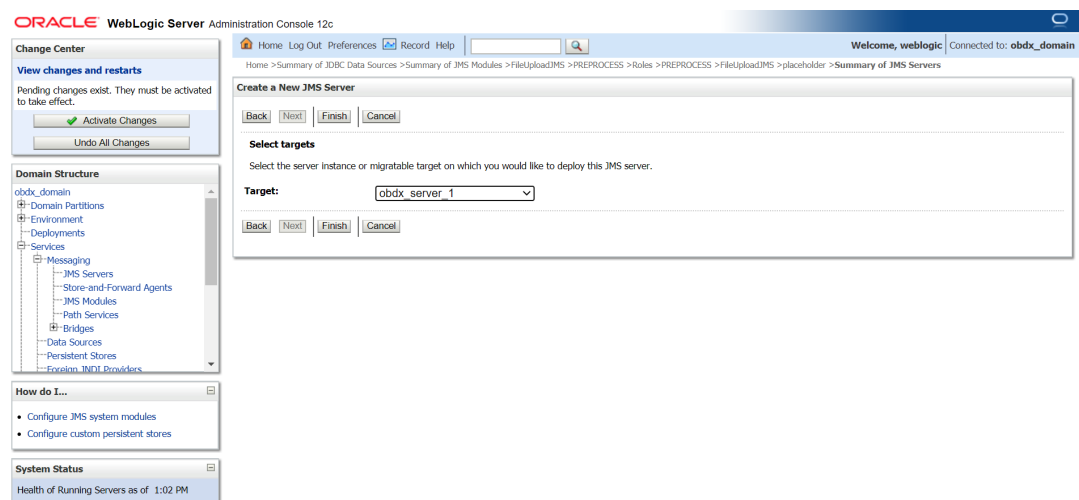
1.



2. Click on JMS Servers → Name – FileUploadJMSServer → Click **Next**.

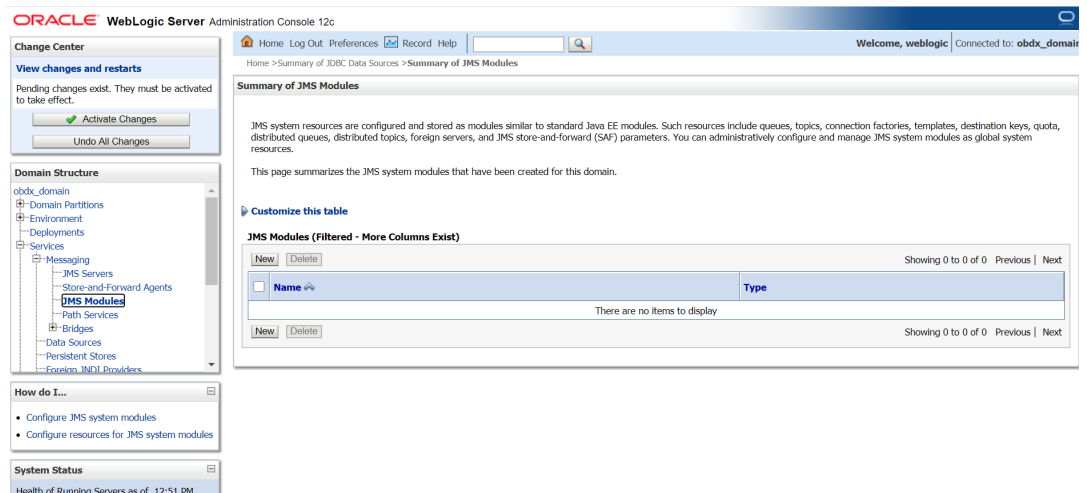


### 3. Select Type as File Store and click Next.

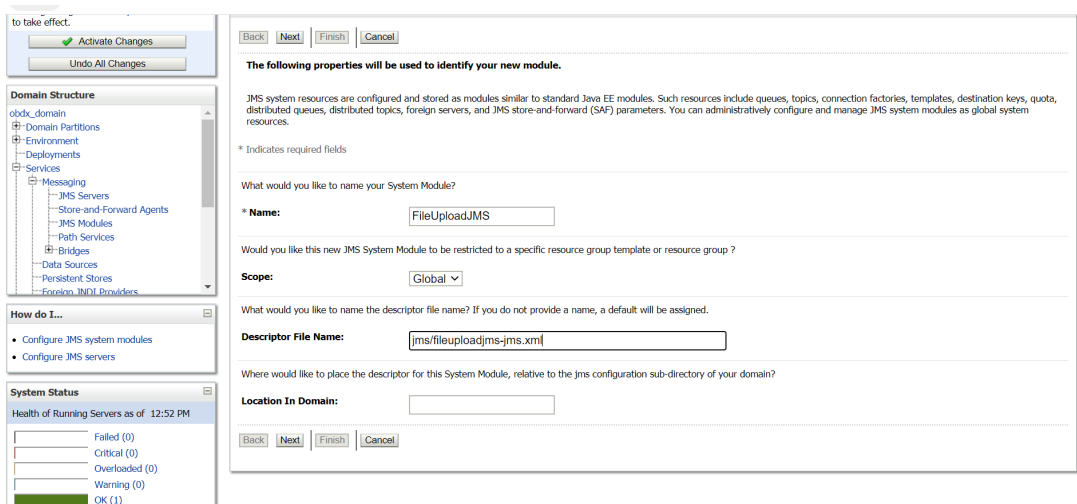


### 4. Select target as managed server and click Finish.

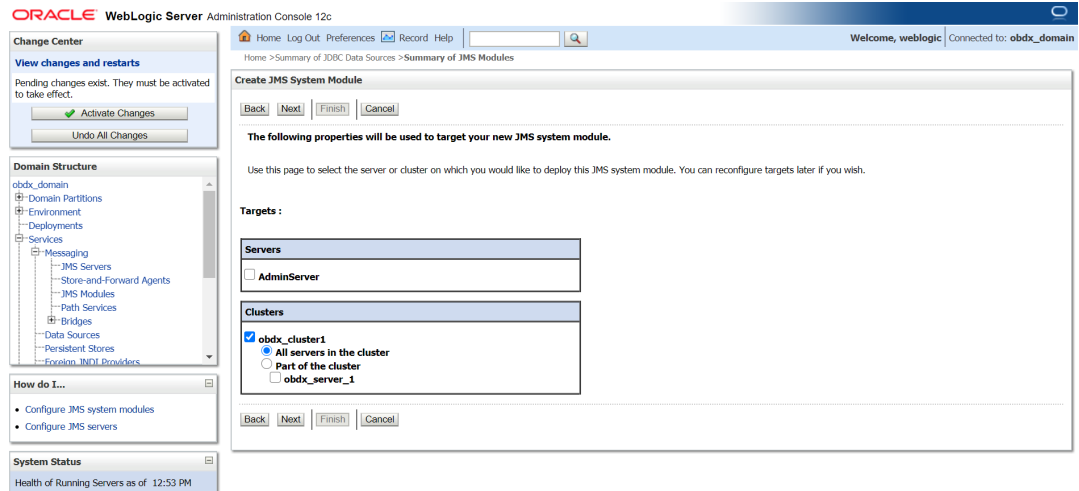




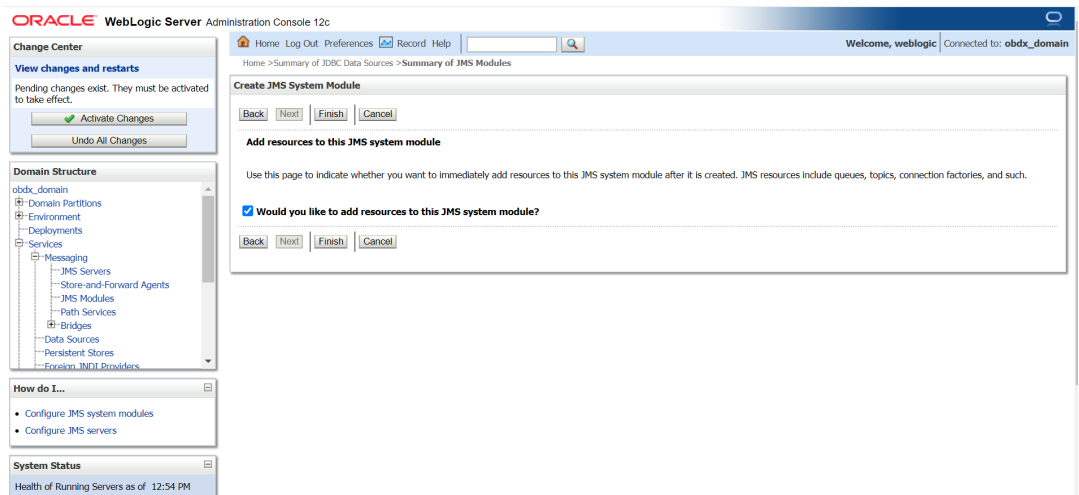
- Left hand side click on JMS Module → click **New**.



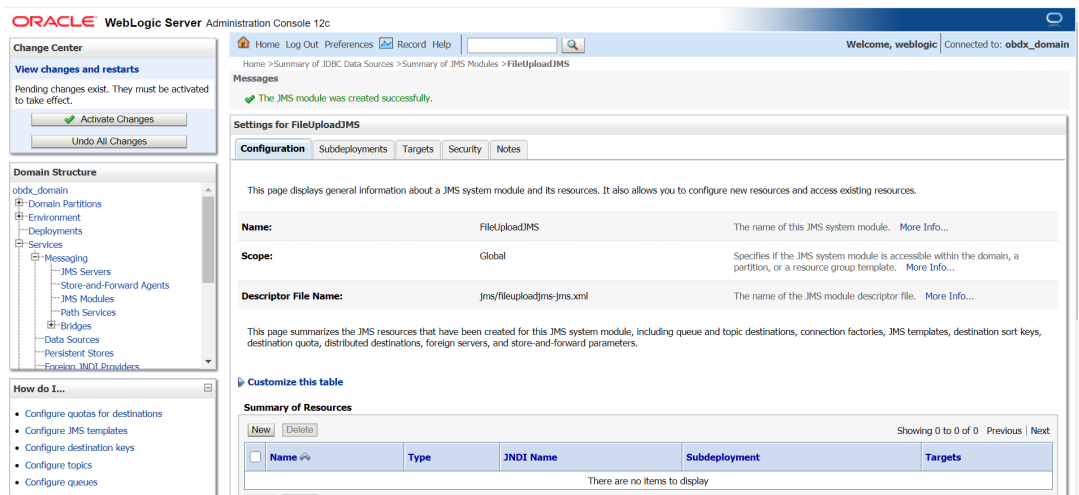
- Name :** FileUploadJMS  
**Scope:** Global  
**Descriptor File Name:** `jms/fileuploadjms-jms.xml`
- Click **Next**.



8. Set target as cluster → click **Next**.



9. Select **Would you like to add resources to this JMS system module** and click **Finish**.



## 10. Select New.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, showing the hierarchy from 'obdx\_domain' down to 'Foreign JNDI Providers'. Below the tree is a 'How do I...' section with links to various configuration tasks. The main content area is titled 'Create a New JMS System Module Resource'. It includes a 'View changes and restarts' section with 'Activate Changes' and 'Undo All Changes' buttons. Below this, there's a 'Choose the type of resource you want to create.' section with a list of options: Connection Factory, Queue, Topic, Distributed Queue (selected), Distributed Topic, Foreign Server, and Quota. Each option has a brief description and a 'More Info...' link.

## 11. Select Distributed Queue and click Next.

The screenshot shows the 'JMS Distributed Destination Properties' page in the Oracle WebLogic Server Administration Console. The page title is 'Create a New JMS System Module Resource'. It includes a 'View changes and restarts' section with 'Activate Changes' and 'Undo All Changes' buttons. Below this, there's a 'JMS Distributed Destination Properties' section. It contains the following fields: 'Name' (set to 'PREPROCESS'), 'JNDI Name' (set to 'PREPROCESS'), 'Destination Type' (set to 'Uniform'), and 'Template' (set to 'None'). There are also 'Back', 'Next', 'Finish', and 'Cancel' buttons at the bottom.

## 12. Provide

**Name:** PREPROCESS

**JNDI Name:** PREPROCESS

**Destination Type:** Uniform

**Template:** None

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources > Summary of JMS Modules > FileUploadJMS > PREPROCESS > Roles > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**File Store Properties**

The following properties will be used to identify your new file store.  
\* Indicates required fields

What would you like to name your new file store?

\* Name:

What scope do you want to create your JMS file store in?

Scope:

The pathname to the directory on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab.

Directory:

Back Next Finish Cancel

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**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 JNDI Providers

**How do I...**

- Configure JMS system modules
- Configure custom persistent stores

**System Status**

Health of Running Servers as of 1:00 PM

13. Name : WLS\_JMS\_FILEUPLOAD\_PS  
Scope : Global  
Directory : /tmp/WLS\_JMS\_FILEUPLOAD\_PS

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JDBC Data Sources > Summary of JMS Modules > FileUploadJMS > PREPROCESS > Roles > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**JMS File Store Targets**

This page indicates on which WebLogic Server instances or clusters the JMS file store is accessible. Only applications that have been deployed to the selected servers or clusters can use this JMS file store.

When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ensures that if the deployment fails for one active server, it fails for all active servers.

Select a server instance for this file store.

Target:

Back Next Finish Cancel

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**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 JNDI Providers

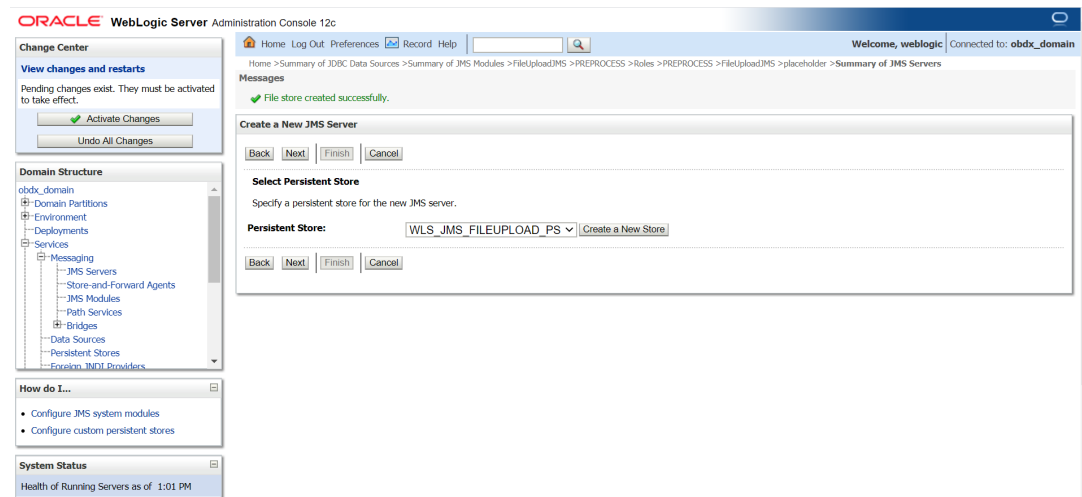
**How do I...**

- Configure JMS system modules
- Configure custom persistent stores

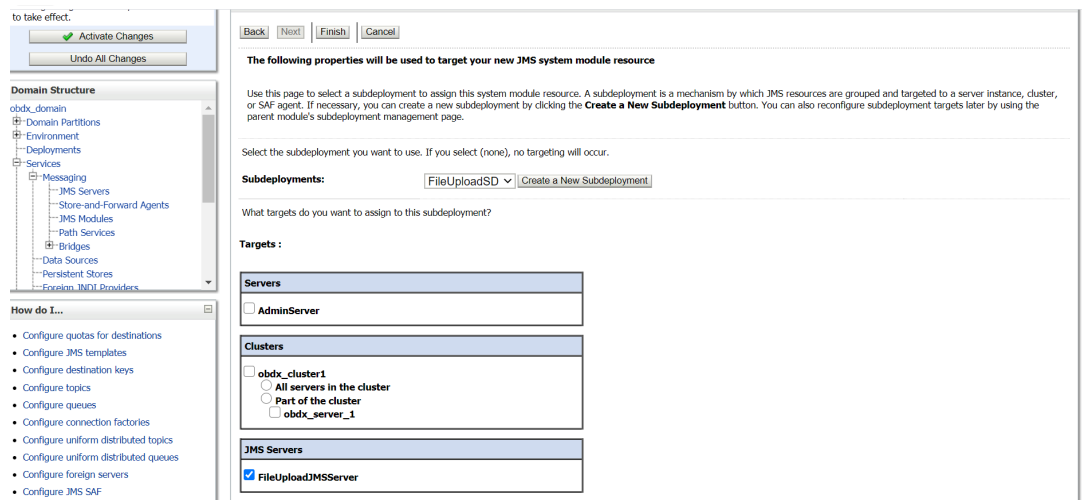
**System Status**

Health of Running Servers as of 1:00 PM

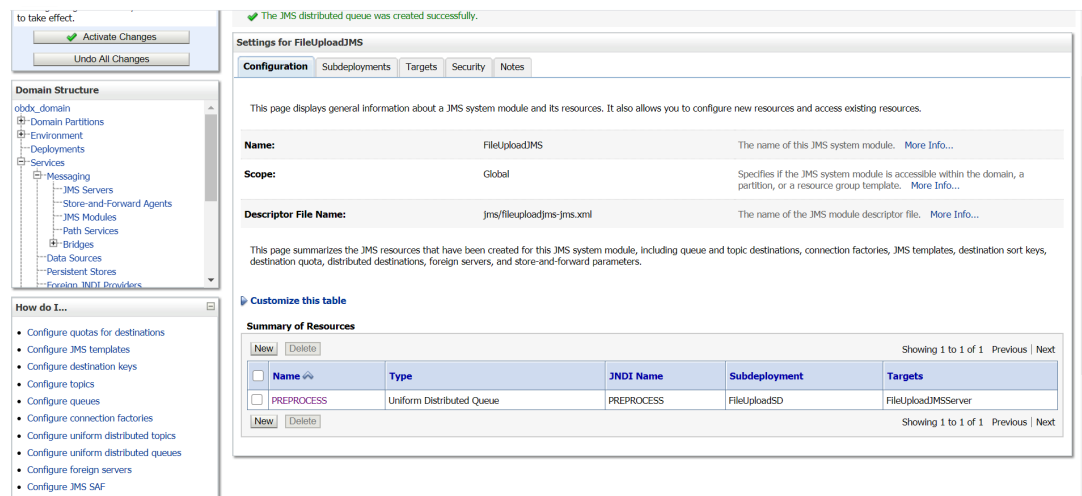
14. Select target as managed server.



15. Select `WLS_JMS_FILEUPLOAD_PS` and click **Next**.
16. Select **Create a New Subdeployment** and create **FileUploadSD**.



17. Select **FileUploadJMSServer** and click **Finish**.



18. Similarly Go into **FileuploadJMS** module and click **Next**.

**ORACLE WebLogic Server Administration Console 12c**

Home | Log Out | Preferences | Record | Help

Welcome, weblogic | Connected to: obdx\_domain

Home > Summary of JMS Modules > FileUploadJMS > PREPROCESS > Roles > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS

**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"/> <b>Queue</b>	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"/> <b>Topic</b>	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"/> <b>Distributed Queue</b>	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"/> <b>Distributed Topic</b>	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"/> <b>Foreign Server</b>	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. <a href="#">More Info...</a>

19. Select **Connection factory** → Click **Next**.

to take effect.

Activate Changes | Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
  - Deployments
  - Services
    - JMS Servers
    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
    - Bridges
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers

**How do I...?**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

Back | Next | Finish | Cancel

**Connection Factory Properties**

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

\* Indicates required fields

What would you like to name your new connection factory?

**Name:** OCF

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

**JNDI Name:** OCF

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:** Exclusive

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:** Restricted

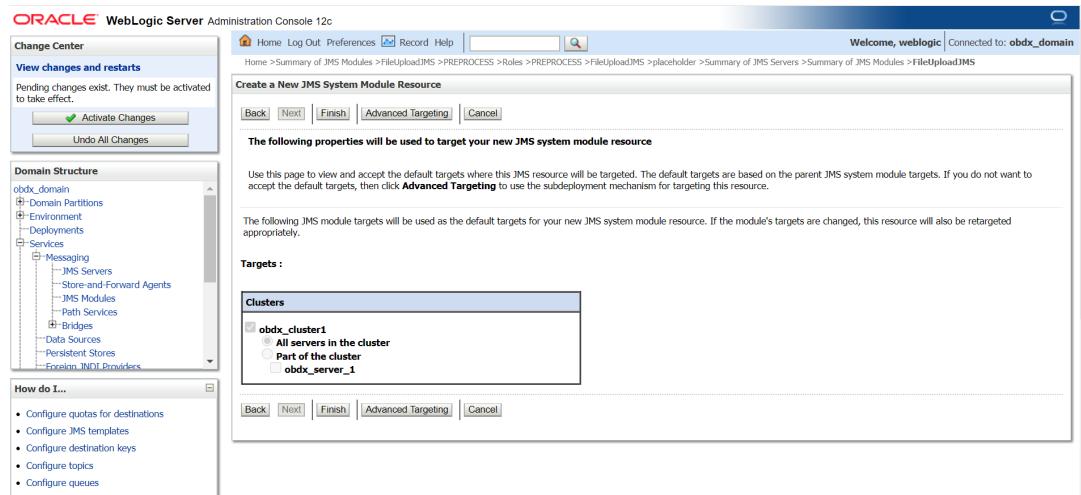
A connection factory can limit the number of messages that can be queued for an asynchronous session. Should this connection factory impose a limit?

**Maximum Messages per Session:** 10

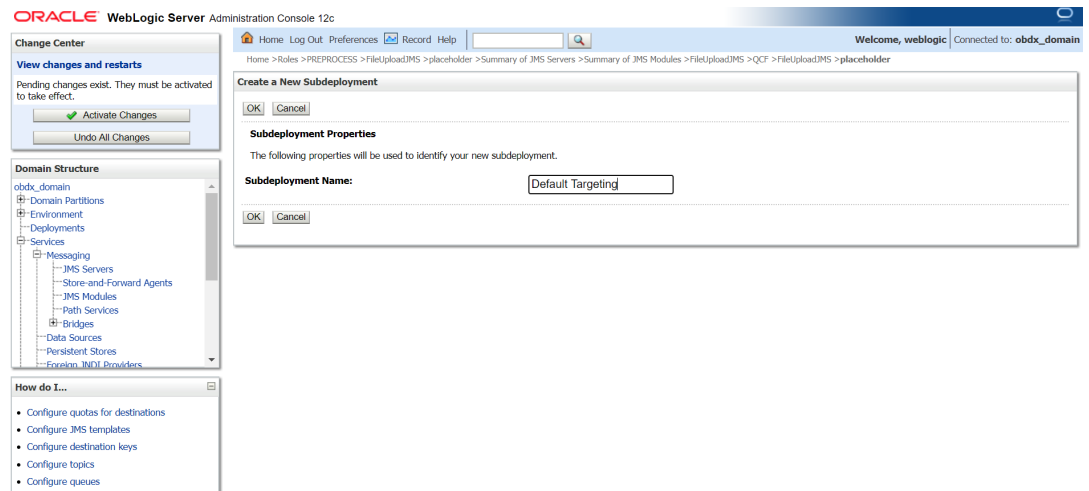
Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?

☒ **XA Connection Factory Enabled**

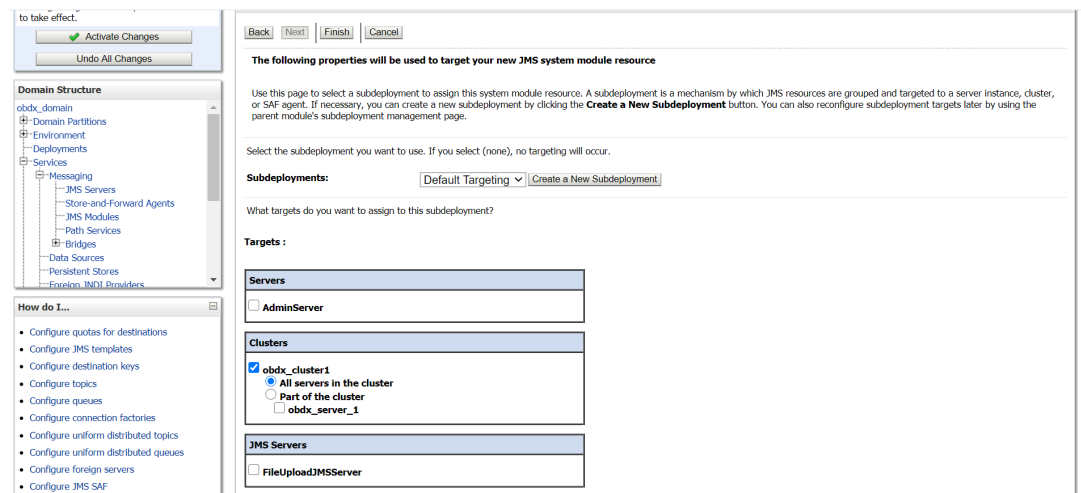
20. Provide
- Name :** OCF
- JNDI Name :** OCF
- Subscription Sharing Policy :** Exclusive
- Client ID Policy :** Restricted



## 21. Click on Advanced targeting.



## 22. Provide Subdeployment Name as Default Targeting.



## 23. Select cluster and click Finish.

to take effect.

✓ Activate Changes  
Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Message
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

✓ Connection factory created successfully.

**Settings for FileUploadJMS**

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

**Name:** FileUploadJMS The name of this JMS system module. [More Info...](#)

**Scope:** Global Specifies if the JMS system module is accessible within the domain, a partition, or a resource group template. [More Info...](#)

**Descriptor File Name:** jms/fileuploadjms-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

**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"/>	PREPROCESS	Uniform Distributed Queue	PREPROCESS	FileUploadSD	FileUploadJMSServer
<input type="checkbox"/>	QCF	Connection Factory	QCF	Default Targeting	obdx_cluster1

New Delete Showing 1 to 2 of 2 Previous Next

## 24. Go to FileUpload JMS and click New.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Roles > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

✓ Activate Changes  
Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Message
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues

**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 targetable 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...](#)

☐ Distributed Topic Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)

☐ Foreign Server Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. [More Info...](#)

## 25. Select Distributed Queue.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx\_domain

Home > Roles > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

✓ Activate Changes  
Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Message
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues

**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 FileUploadJMS

\* Indicates required fields

What would you like to name your new destination?

\* Name: RAPPROVAL

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

JNDI Name: RAPPROVAL

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:** Uniform

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



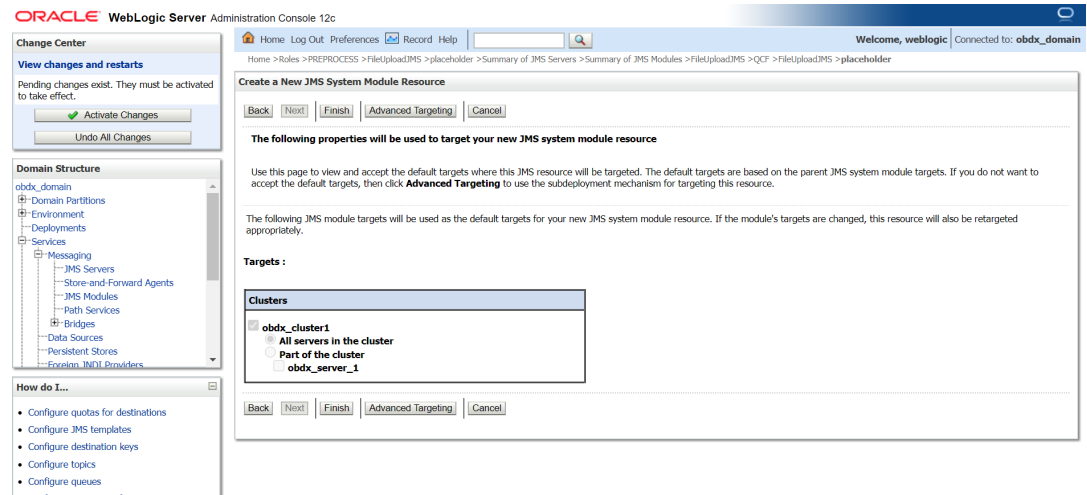
## 26. Provide

**Name :** RAPPROVAL

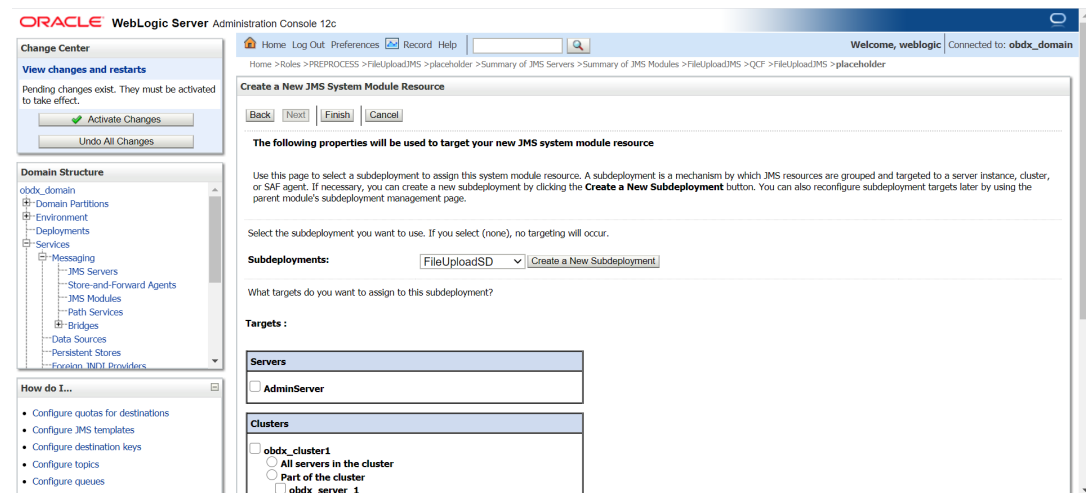
**JNDI Name :** RAPPROVAL

**Destination Type:** Uniform

**Template :** None



## 27. Select Advance targeting.



## 28. Select Subdeployment: FileUploadSD.

What targets do you want to assign to this subdeployment?

**Targets:**

**Servers**

☐ AdminServer

**Clusters**

☐ obdx\_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx\_server\_1

**JMS Servers**

☒ FileUploadJMSServer

Back Next Finish Cancel

WebLogic Server Version: 12.2.1.4.0  
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## 29. Select **FileUploadJMSServer** and click **Finish**.

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

**Name:** FileUploadJMS The name of this JMS system module. [More Info...](#)

**Scope:** Global Specifies if the JMS system module is accessible within the domain, a partition, or a resource group template. [More Info...](#)

**Descriptor File Name:** jms/fileuploadjms-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

**Customize this table**

**Summary of Resources**

Showing 1 to 3 of 3 Previous Next

Name	Type	JNDI Name	Subdeployment	Targets
PREPROCESS	Uniform Distributed Queue	PREPROCESS	FileUploadSD	FileUploadJMSServer
QCF	Connection Factory	QCF	Default Targeting	obdx_cluster1
RAPPROVAL	Uniform Distributed Queue	RAPPROVAL	FileUploadSD	FileUploadJMSServer

Showing 1 to 3 of 3 Previous Next

## 2.8 Creating WLS\_JMS\_AUDIT\_PS FileStore

## 2.9 Creating AuditJMSServer JMS Server

## 2.10 Creating WLS\_JMS\_REPORT\_PS FileStore

This topic describes the systematic instruction to **Creating WLS\_JMS\_REPORT\_PS FileStore** option.

### 1.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers

**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: AuditJMSServer

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

Scope: Global

Back Next Finish Cancel

- Click on JMS server and click **New**.
- Provide Name as AuditJMSServer, Scope as **Global**.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**Select Persistent Store**

Specify a persistent store for the new JMS server.

Persistent Store: (none) Create a New Store

Back Next Finish Cancel

- Click on **Create a New Store**.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**Select a store type.**

Please select the type of store you wish to create from the list.

Type: File Store

Back Next Finish Cancel

## 5. Select File Store.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**File Store Properties**

The following properties will be used to identify your new file store.  
\* Indicates required fields

What would you like to name your new file store?

\* Name:

What scope do you want to create your jms file store in ?

Scope:

The pathname to the directory on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab.

Directory:

Back Next Finish Cancel

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Message
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure JMS system modules
- Configure custom persistent stores

**System Status**

Health of Running Servers as of 2:06 PM

6. Provide  
Name : WLS\_JMS\_AUDIT\_PS.  
Scope : Global  
Directory : /tmp/WLS\_JMS\_AUDIT\_PS.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > PREPROCESS > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers

**Create a New JMS Server**

Back Next Finish Cancel

**JMS File Store Targets**

This page indicates on which WebLogic Server instances or clusters the Jms file store is accessible. Only applications that have been deployed to the selected servers or clusters can use this Jms file store.

When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ensures that if the deployment fails for one active server, it fails for all active servers.

Select a server instance for this file store.

Target:

Back Next Finish Cancel

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
- Services
  - Message
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

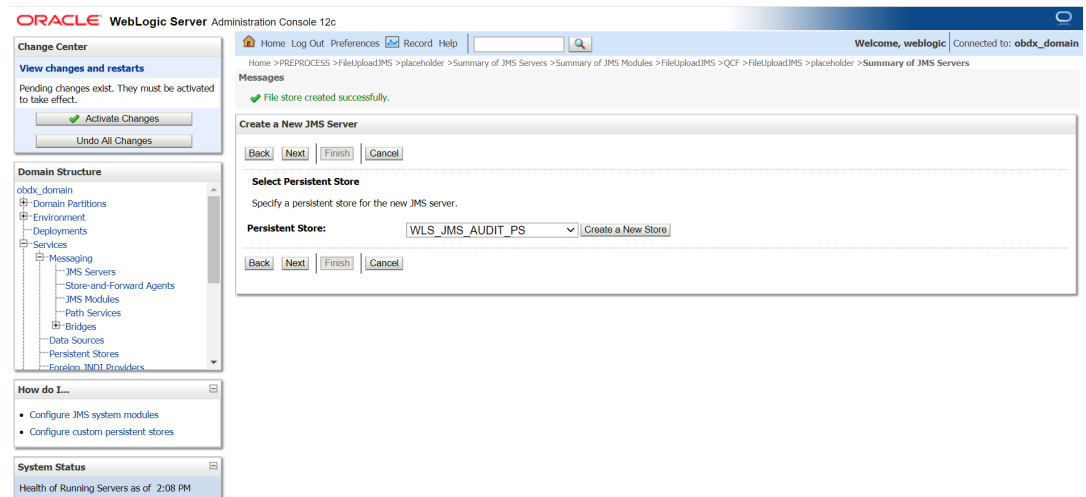
**How do I...**

- Configure JMS system modules
- Configure custom persistent stores

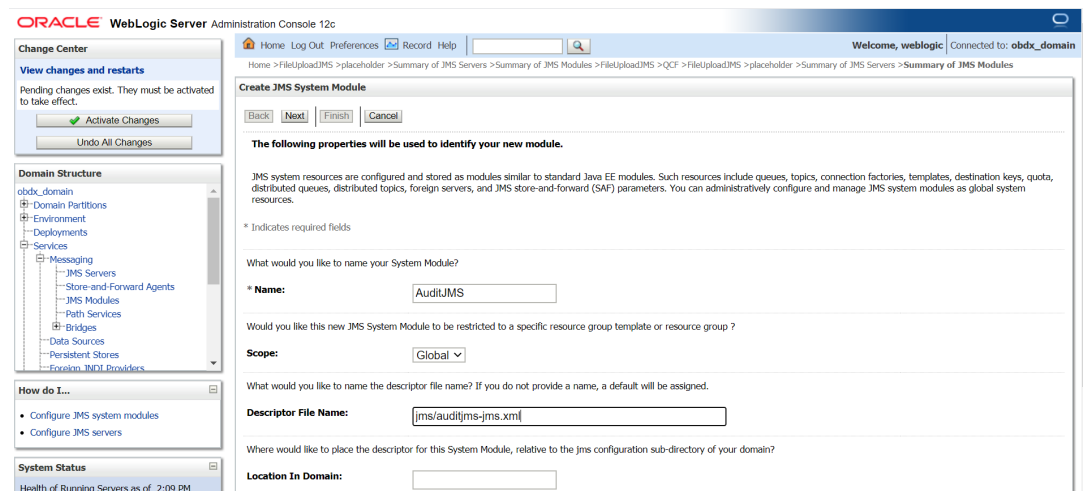
**System Status**

Health of Running Servers as of 2:06 PM

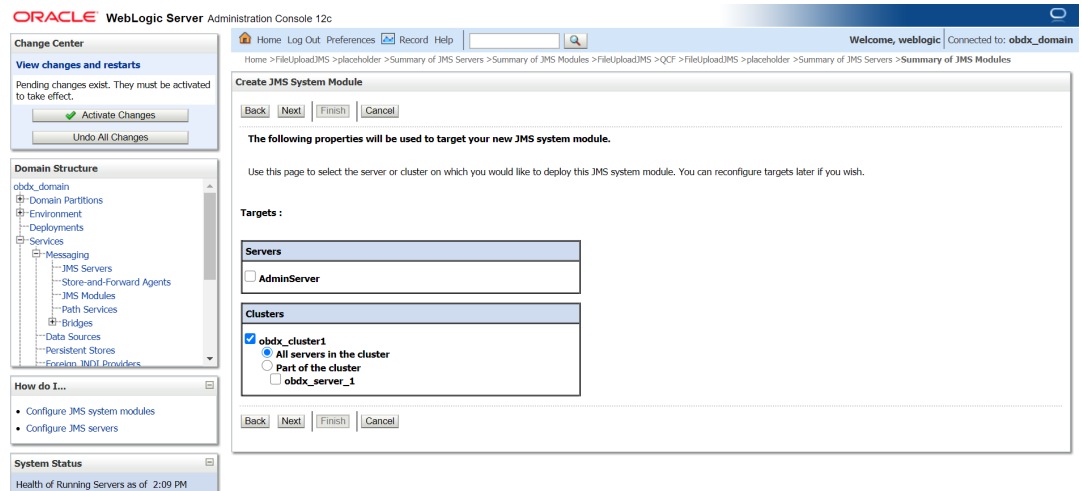
7. Select Target as managed server and click **Finish**.



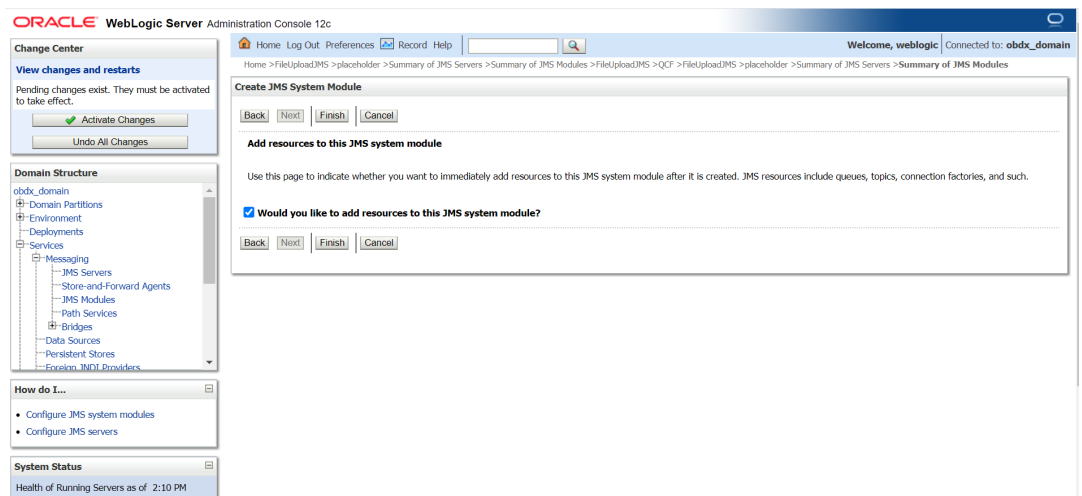
8. Select the new store created WLS\_JMS\_AUDIT\_PS and click **Next**.



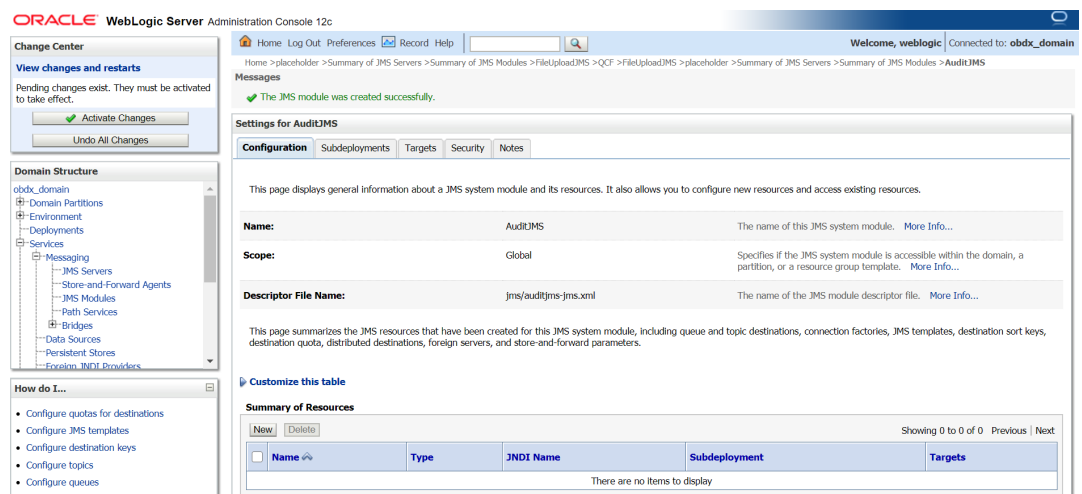
9. Provide  
**Name** : AuditJMS  
**Scope** : Global  
**Descriptor File Name**: jms/auditjms-jms.xml



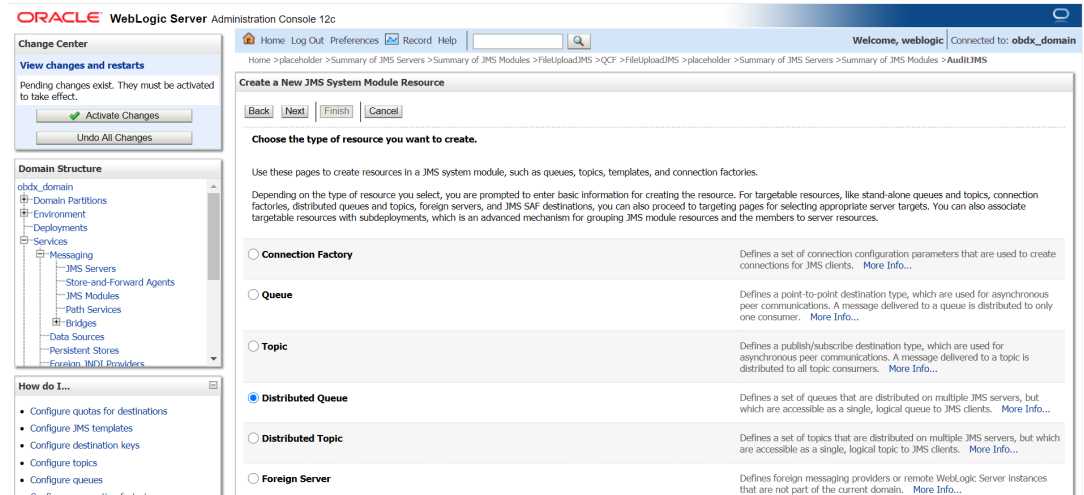
## 10. Select Cluster as a target.



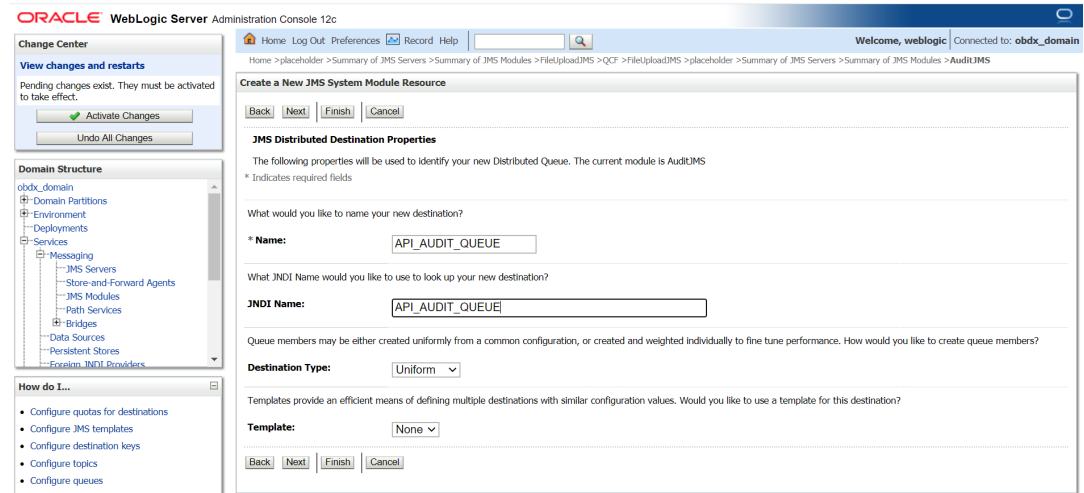
## 11. Select would you like to add resource to this JMS system module?.



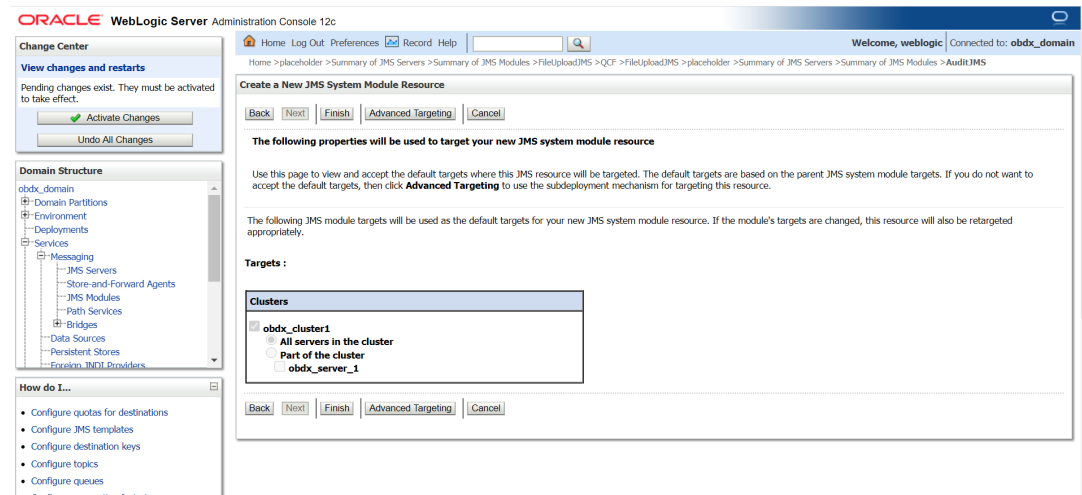
## 12. Click New.



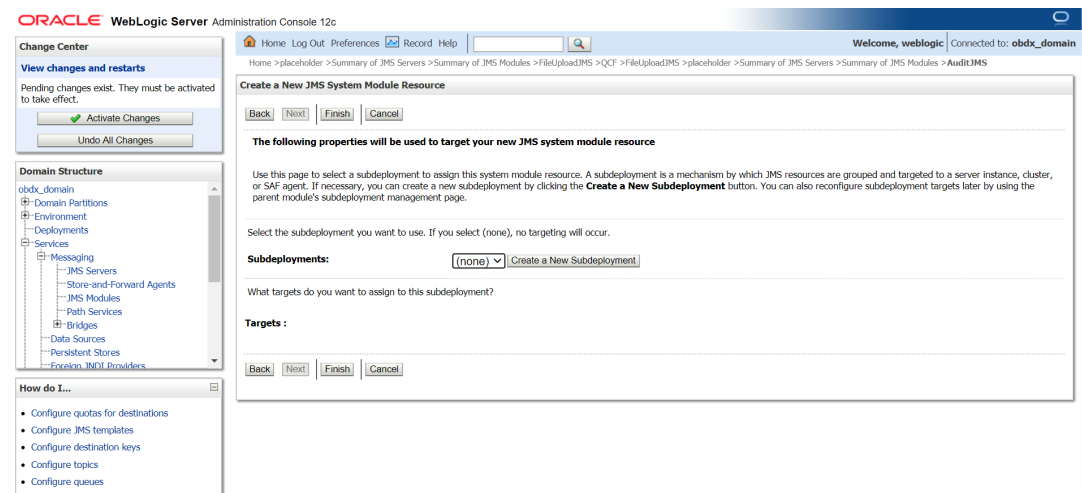
### 13. Select Distributed Queue.



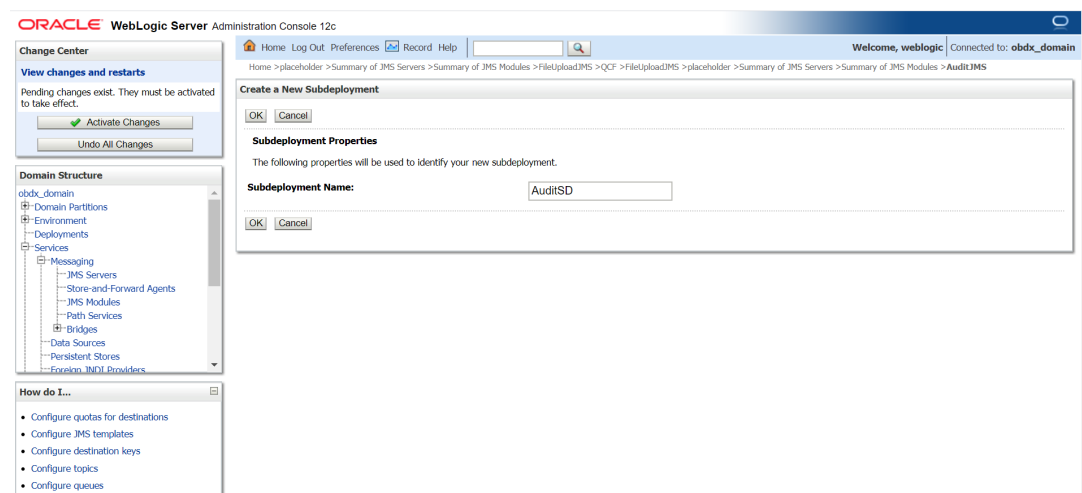
14. Provide:
- Name:** API\_AUDIT\_QUEUE
- JNDI Name:** API\_AUDIT\_QUEUE
- Destination Type :** Uniform
- Template:-** None



## 15. Select Advance targeting.



## 16. Click on Create a New Subdeployment.





## 17. Provide Subdeployment Name as AuditSD.

Use this page to create subdeployments to target the system module resources. Subdeployments are a mechanism by which to reference the deployment targets of a system module 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:** AuditSD Create a New Subdeployment

What targets do you want to assign to this subdeployment?

**Targets :**

Servers	
<input type="checkbox"/>	AdminServer

Clusters	
<input type="checkbox"/>	obdx_cluster1
<input type="radio"/>	All servers in the cluster
<input type="radio"/>	Part of the cluster
<input type="checkbox"/>	obdx_server_1

JMS Servers	
<input checked="" type="checkbox"/>	AuditJMSServer
<input type="checkbox"/>	FileUploadJMSServer

Back Next Finish Cancel

## 18. Select Target as AuditJMSServer.

**ORACLE WebLogic Server Administration Console 12c**

Home > Log Out > Preferences > Record > Help

Welcome, weblogic Connected to: obdx\_domain

Home > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS

**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 AuditJMS

\* Indicates required fields

What would you like to name your new destination?

**Name:** AUDIT\_QUEUE

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

**JNDI Name:** AUDIT\_QUEUE

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:** Uniform

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

**ORACLE WebLogic Server Administration Console 12c**

Home > Log Out > Preferences > Record > Help

Welcome, weblogic Connected to: obdx\_domain

Home > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS

**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 checked="" type="checkbox"/>	obdx_cluster1
<input type="radio"/>	All servers in the cluster
<input type="radio"/>	Part of the cluster
<input type="checkbox"/>	obdx_server_1

Back Next Finish Advanced Targeting Cancel

to take effect.

**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
    - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

**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:**

What targets do you want to assign to this subdeployment?

**Targets :**

**Servers**

☐ AdminServer

**Clusters**

☐ obdx\_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx\_server\_1

**JMS Servers**

☒ AuditJMSServer

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > placeholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS

**Change Center**

**View changes and restarts**

Pending changes exist. They must be activated to take effect.

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
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- Services
  - Messaging
    - JMS Servers
    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
    - Bridges
    - Data Sources
    - Persistent Stores
    - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues

**Back** **Next** **Finish** **Cancel**

**Create a New JMS System Module Resource**

**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...](#)

☐ Distributed Topic

Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)

☐ Foreign Server

Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. [More Info...](#)

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS > Summary of JMS Modules > AuditJMS

**Change Center**

**View changes and restarts**

Pending changes exist. They must be activated to take effect.

**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
    - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues

**Back** **Next** **Finish** **Cancel**

**Create a New JMS System Module Resource**

**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...](#)

☐ Distributed Topic

Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)

☐ Foreign Server

Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. [More Info...](#)

## 19. Click on connection Factory.

to take effect.

**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
  - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

**Connection Factory Properties**

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

\* 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 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**

## 20. Provide

**Name :** AUDITQCF

**JNDI Name :** AUDITQCF

**ORACLE** WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS > Summary of JMS Modules > AuditJMS

**Create a New JMS System Module Resource**

**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 checked="" type="checkbox"/> obdx_cluster1 <ul style="list-style-type: none"> <li><input checked="" type="radio"/> All servers in the cluster</li> <li><input type="radio"/> Part of the cluster <ul style="list-style-type: none"> <li>obdx_server_1</li> </ul> </li> </ul>

**Change Center**

**View changes and restarts**

Pending changes exist. They must be activated to take effect.

**Domain Structure**

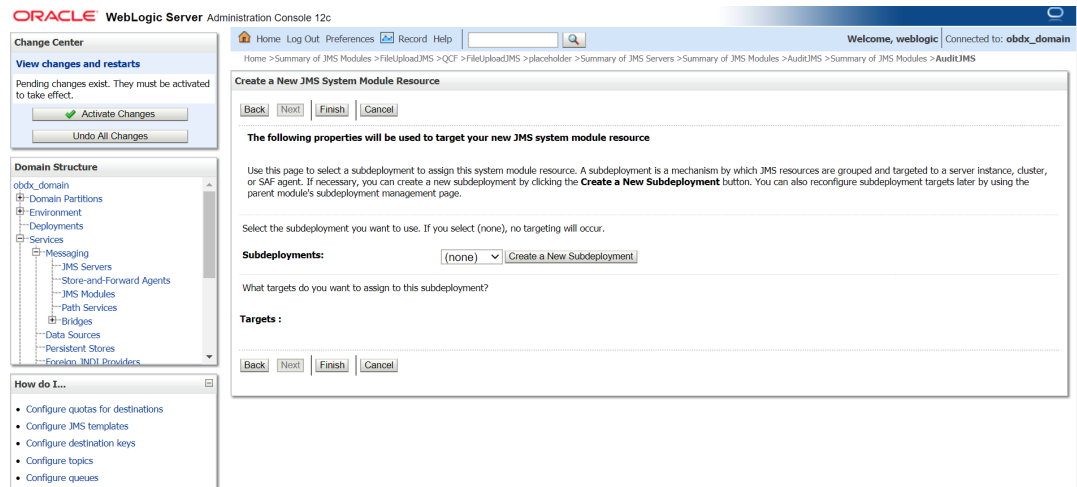
obdx\_domain

- Domain Partitions
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  - Messaging
    - JMS Servers
    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

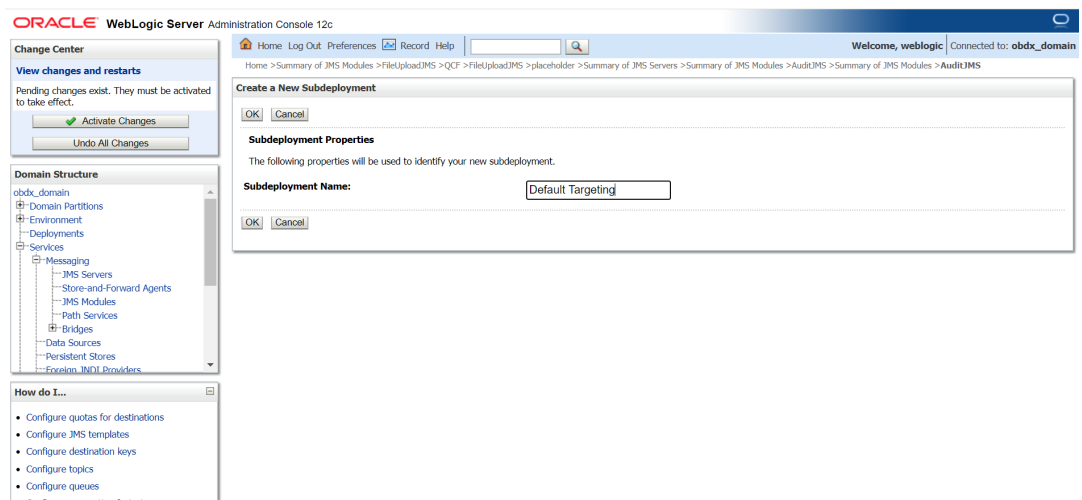
**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues

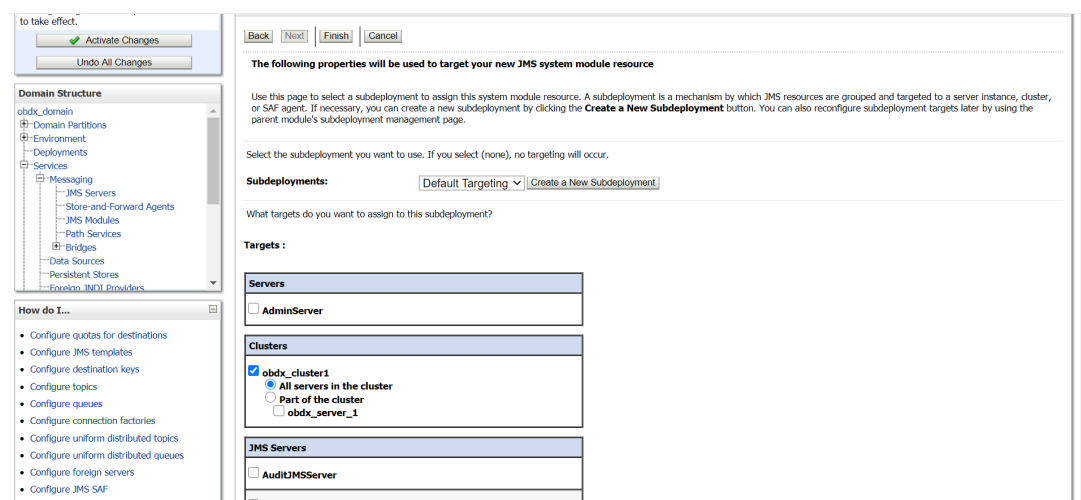
## 21. Click on Advanced Targeting.



## 22. Click on Create a New Subdeployment.



## 23. Give Subdeployment Name as Default Targeting.



24. Under AuditJMS module Create Uniform Distrubuted Queue and connection Factory as show below in the screen shot.

to take effect.

Activate Changes  
Undo All Changes

Domain Structure

obdx\_domain

- Domain Partitions
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  - Messaging
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    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
  - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

Settings for AuditJMS

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: AuditJMS The name of this JMS system module. [More Info...](#)

Scope: Global Specifies if the JMS system module is accessible within the domain, a partition, or a resource group template. [More Info...](#)

Descriptor File Name: jms/auditjms-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

Customize this table

Summary of Resources

Name	Type	JNDI Name	Subdeployment	Targets
API_AUDIT_QUEUE	Uniform Distributed Queue	API_AUDIT_QUEUE	AuditSD	AuditJMSServer
AUDITQCF	Connection Factory	AUDITQCF	Default Targeting	obdx_cluster1
AUDIT_QUEUE	Uniform Distributed Queue	AUDIT_QUEUE	AuditSD	AuditJMSServer

## 2.11 Creating ReportsJMSServer JMS Server

This topic describes the systematic instruction to **Creating ReportsJMSServer JMS Server** option.

1. Similarly create ReportsJMSServer under JMS Server and ReportsJMSModule under JMS Module.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > FileUploadJMS > QCF > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS > Summary of JMS Modules > AuditJMS > Summary of JMS Servers

Messages

JMS server created successfully

Summary of JMS Servers

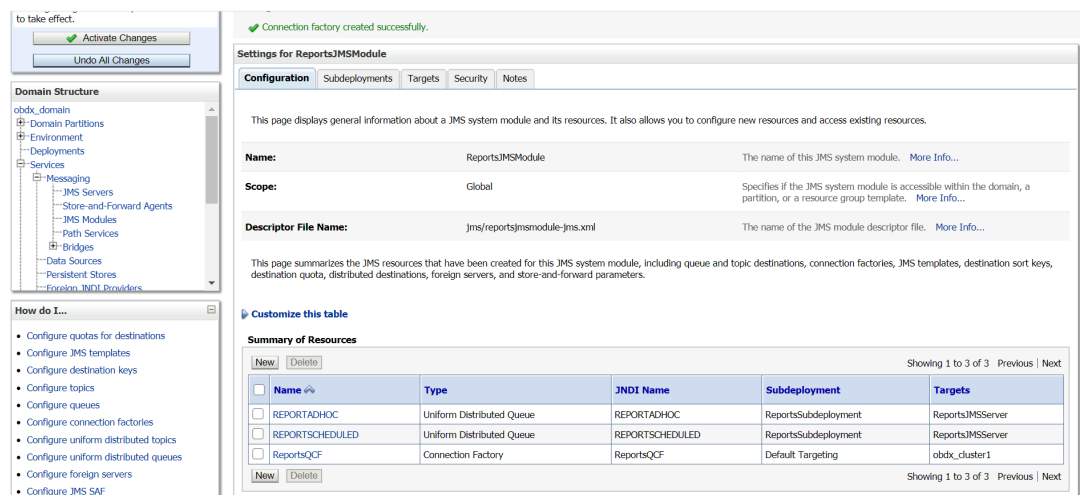
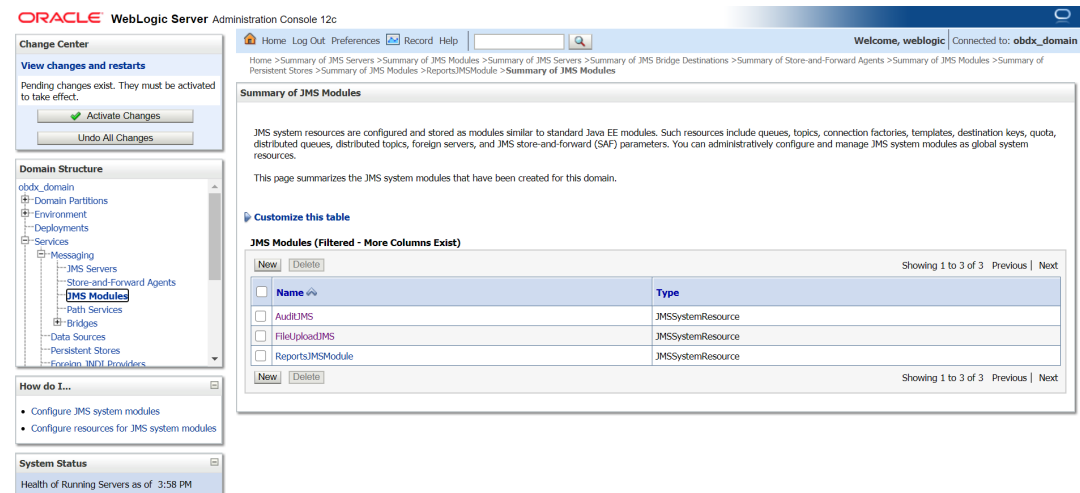
JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.

This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Customize this table

JMS Servers (Filtered - More Columns Exist)

Name	Persistent Store	Target	Current Target	Health
AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
FileUploadJMSServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
ReportsJMSServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	



- Under ReportsJMSModule create UniformDistributed Queue and connection factory as show above in the screen shot.  
REPORTADHOC – Uniform Distributed Queue  
REPORTSCHEDULED - Uniform Distributed Queue  
ReportsQCF – Connection Factory

## 2.12 Creating jpa-cache JMS Server

## 2.13 Creating WLS\_JPA\_PS FileStore

This topic describes the systematic instruction to **Creating WLS\_JPA\_PS FileStore** option.

- Create jpa-cache JMS server and jpa-cache JMS Module as show in below screen shot.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > FileUploadJMS > placeholder > Summary of JMS Servers > Summary of JMS Modules > AuditJMS > Summary of JMS Modules > AuditJMS > Summary of JMS Servers > Summary of JMS Modules > Summary of JMS Servers

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
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- Services
  - Messaging
    - JMS Servers
    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
    - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure JMS servers
- Configure JMS system modules

**System Status**

Health of Running Servers as of: 3:27 PM

**Summary of JMS Servers**

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.

This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

**Customize this table**

JMS Servers (Filtered - More Columns Exist)

Name	Persistent Store	Target	Current Target	Health
AuditJMS	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
FileUploadJMS	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
jpa-cache	WLS_JPA_PS	obdx_server_1	obdx_server_1	
ReportsJMS	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

Showing 1 to 4 of 4 Previous Next

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JMS Servers > Summary of JMS Bridge Destinations > Summary of Store-and-Forward Agents > Summary of JMS Modules > Summary of Persistent Stores > Summary of JMS Modules > ReportsJMSModule > Summary of JMS Modules > jpa-cache > Summary of JMS Modules

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**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
  - Foreign JNDI Providers

**How do I...**

- Configure JMS system modules
- Configure resources for JMS system modules

**System Status**

Health of Running Servers as of: 4:04 PM

**Summary of JMS Modules**

JMS system resources are configured and stored as modules similar to standard Java EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

This page summarizes the JMS system modules that have been created for this domain.

**Customize this table**

JMS Modules (Filtered - More Columns Exist)

Name	Type
AuditJMS	JMSSystemResource
FileUploadJMS	JMSSystemResource
jpa-cache	JMSSystemResource
ReportsJMSModule	JMSSystemResource

Showing 1 to 4 of 4 Previous Next

- Under jpa-cache JMS Module create connection Factory and Uniform Distributed topic as shown in below screen shot.  
Jms/jpa-cache-cf --- Connection Factory  
Jms/jpa-cache-topic --- Uniform Distributed Topic

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

Home > Summary of JMS Servers > Summary of JMS Bridge Destinations > Summary of Store-and-Forward Agents > Summary of JMS Modules > Summary of Persistent Stores > Summary of JMS Modules > ReportsJMSModule > Summary of JMS Modules > jpa-cache > Summary of JMS Modules

**Change Center**

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

**Domain Structure**

obdx\_domain

- Domain Partitions
- Environment
- Deployments
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    - JMS Servers
    - Store-and-Forward Agents
    - JMS Modules
    - Path Services
    - Bridges
  - Data Sources
  - Persistent Stores
  - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

**System Status**

Health of Running Servers as of: 4:04 PM

**Settings for jpa-cache**

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

**Name:** jpa-cache The name of this JMS system module. [More Info...](#)

**Scope:** Global Specifies if the JMS system module is accessible within the domain, a partition, or a resource group template. [More Info...](#)

**Descriptor File Name:** jms/jpa-cache-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

**Customize this table**

Summary of Resources

Name	Type	JNDI Name	Subdeployment	Targets
jms/jpa-cache-cf	Connection Factory	jms/jpa-cache-cf	Default Targeting	obdx_cluster1
jms/jpa-cache-topic	Uniform Distributed Topic	jms/jpa-cache-topic	jpa-cache-sd	jpa-cache

Showing 1 to 2 of 2 Previous Next

## 2.14 Creating ExtSystemReceiver JMS Server - WLS\_JMS\_EXTSYSRECEIVER\_PS FileStore

This topic describes the systematic instruction to **Creating ExtSystemReceiver JMS Server - WLS\_JMS\_EXTSYSRECEIVER\_PS FileStore** option.

1. Create ExtSystemReceiver JMS Server Persistent store file store as WLS\_JMS\_EXTSYSRECEIVER\_PS as show in below screen shot.

to take effect.

Activate Changes

Undo All Changes

**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
      - Foreign JNDI Providers

**How do I...**

- Configure JMS servers
- Configure JMS system modules

**System Status**

Health of Running Servers as of 3:32 PM

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (1)

**Summary of JMS Servers**

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.

This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Customize this table

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

Showing 1 to 5 of 5 Previous | Next

Name	Persistent Store	Target	Current Target	Health
AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
ExtSystemReceiver	WLS_JMS_EXTSYSRECEIVER_PS	obdx_server_1	obdx_server_1	
FileUploadJMSServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
jpa-cache	WLS_JPA_PS	obdx_server_1	obdx_server_1	
ReportsJMSServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

Showing 1 to 5 of 5 Previous | Next

2. Create ExtSystemReceiver JMS Module as below.

to take effect.

Activate Changes

Undo All Changes

**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
      - Foreign JNDI Providers

**How do I...**

- Configure JMS system modules
- Configure resources for JMS system modules

**System Status**

Health of Running Servers as of 4:16 PM

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (1)

**Summary of JMS Modules**

JMS system resources are configured and stored as modules similar to standard Java EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

This page summarizes the JMS system modules that have been created for this domain.

Customize this table

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

Showing 1 to 5 of 5 Previous | Next

Name	Type
AuditJMS	JMSSystemResource
ExtSystemReceiver	JMSSystemResource
FileUploadJMS	JMSSystemResource
jpa-cache	JMSSystemResource
ReportsJMSModule	JMSSystemResource

Showing 1 to 5 of 5 Previous | Next

3. Create ExtSystemReceiverQCF – connection Factory and ExtSystemReceiverQueue – uniform Distributed Queue in ExtSystemReceiver JMS Module refer below screen shot.



to take effect.

Activate Changes  
Undo All Changes

**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
    - Foreign JNDI Providers

**How do I...**

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

to take effect.

The JMS distributed queue was created successfully.

**Settings for ExtSystemReceiver**

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

**Name:** ExtSystemReceiver The name of this JMS system module. [More Info...](#)

**Scope:** Global Specifies if the JMS system module is accessible within the domain, a partition, or a resource group template. [More Info...](#)

**Descriptor File Name:** jms/extsystemreceiver-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

**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"/>	ExtSystemReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_cluster1
<input type="checkbox"/>	ExtSystemReceiverQueue	Uniform Distributed Queue	ExtSystemReceiverQueue	ExtSystemReceiverSub	ExtSystemReceiver

New Delete Showing 1 to 2 of 2 Previous Next

## 2.15 Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS\_JMS\_EXTSYSENDER\_PS

This topic describes the systematic instruction to **Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS\_JMS\_EXTSYSENDER\_PS** option.

1. As show below create JMS Server ExtSystemSender.

to take effect.

Activate Changes  
Undo All Changes

**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
    - Foreign JNDI Providers

**How do I...**

- Configure JMS servers
- Configure JMS system modules

**System Status**

Health of Running Servers as of 3:33 PM

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (1)

to take effect.

JMS server created successfully

**Summary of JMS Servers**

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

**Customize this table**

**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
<input type="checkbox"/>	AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/>	ExtSystemReceiver	WLS_JMS_EXTSYSENDER_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/>	ExtSystemSender	WLS_JMS_EXTSYSENDER_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/>	FileUploadJMSServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/>	jpa-cache	WLS_JPA_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/>	ReportsJMSServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

New Delete Showing 1 to 6 of 6 Previous Next

2. Create ExtSystemSender JMS Module.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is expanded to 'JMS Modules'. The main panel displays the 'Summary of JMS Modules' page. It includes a 'Change Center' on the left with 'Activate Changes' and 'Undo All Changes' buttons. The main content area has a breadcrumb trail: 'Home > Summary of Persistent Stores > Summary of JMS Modules > ReportsJMSModule > Summary of JMS Modules > jpa-cache > Summary of JMS Modules > ExtSystemReceiver > Summary of JMS Modules'. Below the breadcrumb, there's a section titled 'Summary of JMS Modules' with a paragraph explaining JMS system resources. A table titled 'JMS Modules (Filtered - More Columns Exist)' lists several modules: AuditJMS, ExtSystemReceiver, ExtSystemSender, FileUploadJMS, jpa-cache, and ReportsJMSModule. Each row has a checkbox and a 'Type' column, all showing 'JMSSystemResource'.

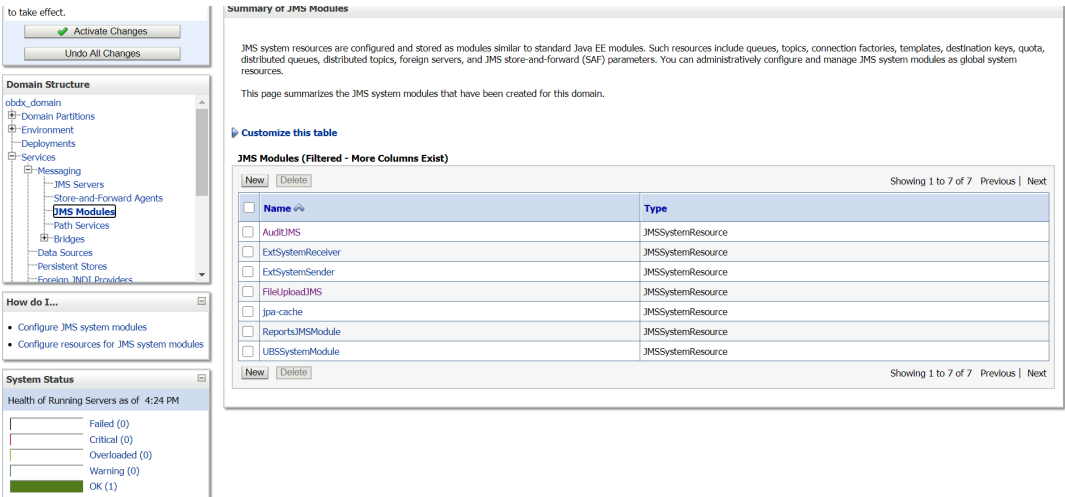
3. Under ExtSystemSender JMS Module create ExtSystemSenderQCF – connection Factory and ExtSystemSenderQueue – Uniform Distributed Queue as show below.

The screenshot shows the 'ExtSystemSender' JMS Module configuration page. The left sidebar shows the 'Domain Structure' tree with 'JMS Modules' expanded. The main panel displays the 'ExtSystemSender' configuration page. It includes a 'Change Center' on the left with 'Activate Changes' and 'Undo All Changes' buttons. The main content area has a breadcrumb trail: 'Home > Summary of Persistent Stores > Summary of JMS Modules > ReportsJMSModule > Summary of JMS Modules > jpa-cache > Summary of JMS Modules > ExtSystemReceiver > Summary of JMS Modules > ExtSystemSender'. Below the breadcrumb, there's a section titled 'ExtSystemSender' with a paragraph explaining the module. A table titled 'Summary of Resources' lists two resources: ExtSystemSenderQCF (Connection Factory) and ExtSystemSenderQueue (Uniform Distributed Queue). Each row has a checkbox, a 'Name' column, a 'Type' column, a 'JNDI Name' column, a 'Subdeployment' column, and a 'Targets' column.

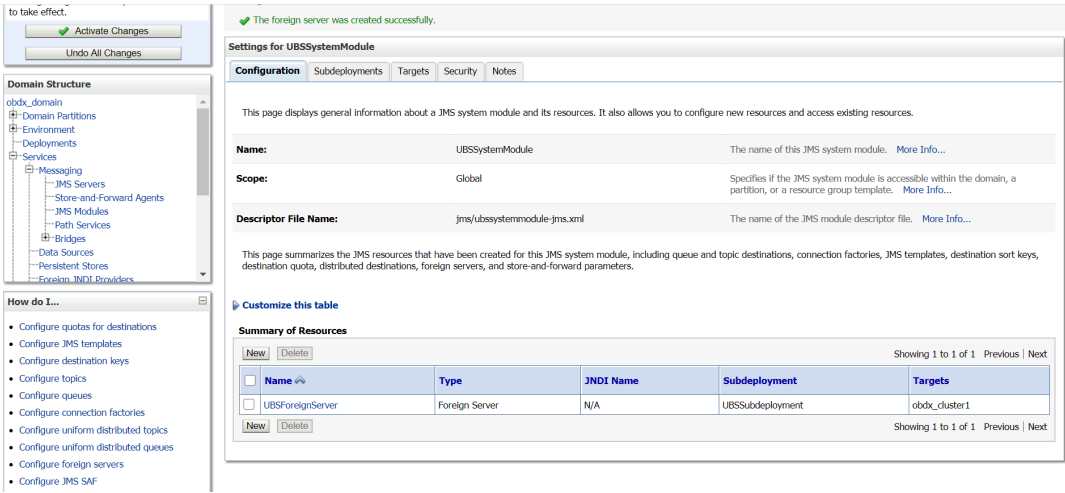
## 2.16 Creating UBSForeignServer JMS Server

This topic describes the systematic instruction to **Creating UBSForeignServer JMS Server** option.

- 1.



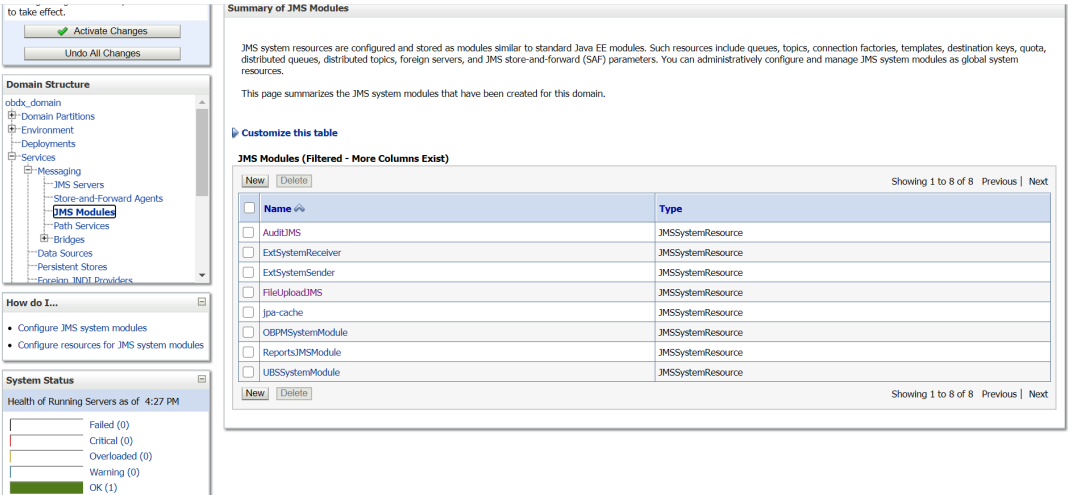
2. Under UBSSystemModule create UBSForeignServer – Foreign Server as shown below.



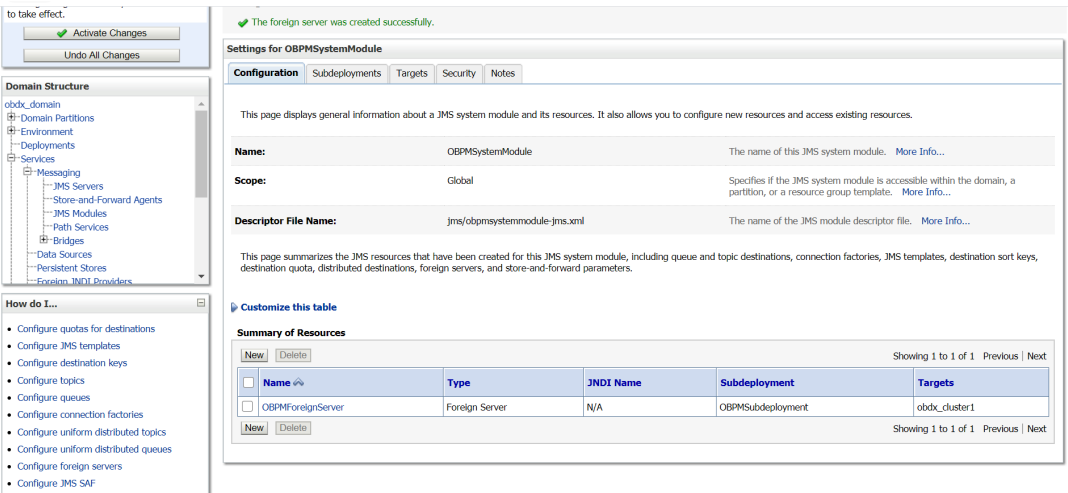
## 2.17 Creating OBPMForeignServer JMS Server

This topic describes the systematic instruction to **Creating OBPMForeignServer JMS Server** option.

1. In JMSModule create OBPMSystemModule.



2. Under OBPMSystemModule create OBPMForeignServer – Foregin Server as show below in screen shot.



# 3

## Deploying Applications

This topic provides information on **Deploying Applications**.

### Deployment of Lib and Wars

Wars and Libs which are independent are present in path-

```
OBDX_Installer\installables\OBDX\<Installation type>\<version>/  
app/components/commonWars that are created on runtime will be
```

available in

```
path- OBDX_Installer/ OBDX_Installer/ExecInstances/<date>/app/wars.
```

Please refer below XML

```
file for list of wars to be deployed.<application name="digx-cms.war"  
displayedName="digx-cms" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><application name="digx-corporateloan.war"  
displayedName="digx-corporateloan" target="@wls_cluster_name@"  
location="@deploy_path@" type="" deployOrder="100"/><application  
name="digx-creditfacility.war"  
displayedName="digx-creditfacility" target="@wls_cluster_name@"  
location="@deploy_path@" type="" deployOrder="100"/><application  
name="digx-edx.war"  
displayedName="digx-edx" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><application name="digx-  
liquiditymanagement.war"  
displayedName="digx-liquiditymanagement" target="@wls_cluster_name@"  
location="@deploy_path@" type="" deployOrder="100"/><!-- <application  
name="digx-loanapplication.war"  
displayedName="digx-loanapplication" target="@wls_cluster_name@"  
location="@deploy_path@" type="" deployOrder="100"/> --><application  
name="digx-payments.war"  
displayedName="digx-payments" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><application name="digx-pfm.war"  
displayedName="digx-pfm" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><!-- <application name="digx-pm.war"  
displayedName="digx-pm" target="@wls_cluster_name@"  
location="@deploy_path@" type=""  
deployOrder="100"/> --><application name="digx-processmanagement.war"  
displayedName="digx-processmanagement" target="@wls_cluster_name@"  
location="@deploy_path@" type="" deployOrder="100"/><application  
name="digx-retail.war"  
displayedName="digx-retail" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><application name="digx-scf.war"  
displayedName="digx-scf" target="@wls_cluster_name@"  
location="@deploy_path@"  
type="" deployOrder="100"/><application name="digx-scfcm.war"  
displayedName="digx-scfcm" target="@wls_cluster_name@"
```

```

location="@deploy_path@"
    type="" deployOrder="100"/><application name="digx-tradefinance.war"
        displayedName="digx-tradefinance" target="@wls_cluster_name@"
location="@deploy_path@"
    type="" deployOrder="100"/><application name="digx-virtual-
account.war"
        displayedName="digx-virtual-account" target="@wls_cluster_name@"
        location="@deploy_path@" type="" deployOrder="100"/><application
name="digx-kafkanotification.war"
        displayedName="digx-kafkanotification" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common" type=""
        deployOrder="100"/><application name="digx-common.war"
        displayedName="digx-common" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="100"/><application name="digx-admin.war"
        displayedName="digx-admin" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="99"/><application name="digx-infra.war"
        displayedName="digx-infra" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="100"/><library name="digx-shared-libs.war"
        displayedName="digx-shared-libs"
target="@wls_cluster_name@,AdminServer"
    location="@deploy_path@" type="common" deployOrder="0"/><application
name="digx-eurekaserver.war"
        displayedName="digx-eurekaserver" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/><application name="digx-webauthn.war"
        displayedName="digx-webauthn" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/><application name="digx-coherence.war"
        displayedName="digx-coherence" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="0"/><application name="digx-extxfacesimulator.war"
        displayedName="digx-extxfacesimulator" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/><library name="digx-lzn-libs.war"
        displayedName="digx-lzn-libs" target="@wls_cluster_name@,AdminServer"
        location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="0"/><application name="digx-ukob.war"
        displayedName="digx-ukob" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="100"/><application name="digx-berlinob.war"
        displayedName="digx-berlinob" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="100"/><application name="digx-genai.war"
        displayedName="digx-genai" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="100"/><application name="digx-finlimit.war"
        displayedName="digx-finlimit" target="@wls_cluster_name@"
        location="@installerhome%/installables/app/components/common"

```

```

type="common"
    deployOrder="100"/><application name="digx-em.war"
    displayedName="digx-em" target="@wls_cluster_name@"
    location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/><application name="digx-sms.war"
    displayedName="digx-sms" target="@wls_cluster_name@"
location="@deploy_path@"
    type="common" deployOrder="99"/><application name="digx-
configserver.war"
    displayedName="digx-configserver" target="@wls_cluster_name@"
    location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/><!-- <application name="digx-approval.war"
    displayedName="digx-approval" target="@wls_cluster_name@"
    location="@installerhome%/installables/app/components/common"
type="common"
    deployOrder="100"/> -->

```

Please use the wars present in above location and deploy the wars accordingly in weblogic.

# 4

## Configured jps-config.xml

This topic provides information on **Configured jps-config.xml**.

Update the jps-config.xml

Edit \$DOMAIN\_HOME/config/fmwconfig/jps-config.xml file and add following entries.

1. Find <serviceProviders> tag in the file, add below serviceProvider between <serviceProviders></serviceProviders>.

```
<serviceProvider type="IDENTITY_STORE" name="custom.provider"
class="oracle.security.jps.internal.idstore.generic.GenericIdentityStorePro
vider">
<description>Custom IdStore Provider</description></serviceProvider>
```

2. Find <serviceInstances> tag in the file, add below serviceInstances between <serviceInstances></serviceInstances>.

```
<serviceInstance name="idstore.custom" provider="custom.provider"
location="dumb">
<description>Custom Identity Store Service Instance</description>
<property name="idstore.type" value="CUSTOM"/>
<property name="ADF_IM_FACTORY_CLASS"
value="com.ofss.sms.dbAuthenticator.providers.db.DBIdentityStoreFactory"/>

<property name="DATASOURCE_NAME" value="DIGX"/>
</serviceInstance>
```

3. Find <jpsContext name="default"> tag in the file, add below serviceInstanceRef between <jpsContext name="default"></jpsContext>.

```
<serviceInstanceRef ref="idstore.custom"/>
```



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