

Installation Guide- Non-Linux Platforms  
Oracle Banking Digital Experience  
Patchset Release 22.2.5.0.0

Part No. F72987-01

October 2024

Installation Guide- Non-Linux Platforms

October 2024

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# 1. Preface

## 1.1 Purpose

Welcome to the User Guide for Oracle Banking Digital Experience. This guide explains the operations that the user will follow while using the application.

## 1.2 Audience

This manual is intended for Customers and Partners who setup and use Oracle Banking Digital Experience.

## 1.3 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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit, <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## 1.4 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](#).

## 1.5 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.

## 1.6 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.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 1.7 **Screenshot Disclaimer**

The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

## 1.8 **Acronyms and Abbreviations**

The list of the acronyms and abbreviations that you are likely to find in the manual are as follows:

<b>Abbreviation</b>	<b>Description</b>
<b>OBDX</b>	Oracle Banking Digital Experience

---

## 2. Manual OBDX installation

### OBDX 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.

### 2.1 Policy Seeding

TEMP\_PATH=Temporary Path

```
cp ${OBDX_INSTALLER}/installables/OBDX/<Installation
type>/<version>/policies/Entitlement_log4j.properties to
TEMP_PATH/db/Entitlement_log4j.properties
```

```
cp ${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_DATABA
SE_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_DATABA
SE_SID'
```

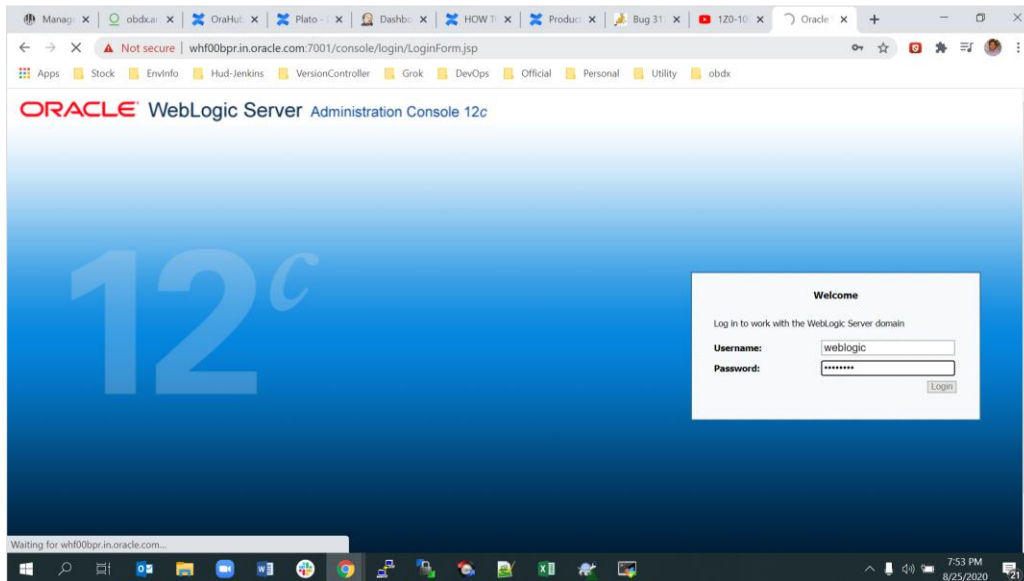
```
# $JAVA_HOME/bin/java -Djava.util.logging.config.file=
TEMP_PATH/db/Entitlement_log4j.properties -jar ${OBDX INSTALLER}/}/OBDX/<Installation
type>/<version>/policies/com.ofss.digx.utils.entitlement.feed.data.jar ${OBDX
INSTALLER}/}/OBDX/<Installation type>/<version>/policies/Resources.csv ${OBDX
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_DATABA
SE_SID'
```

## 3. WEBLOGIC Setup and Configuration

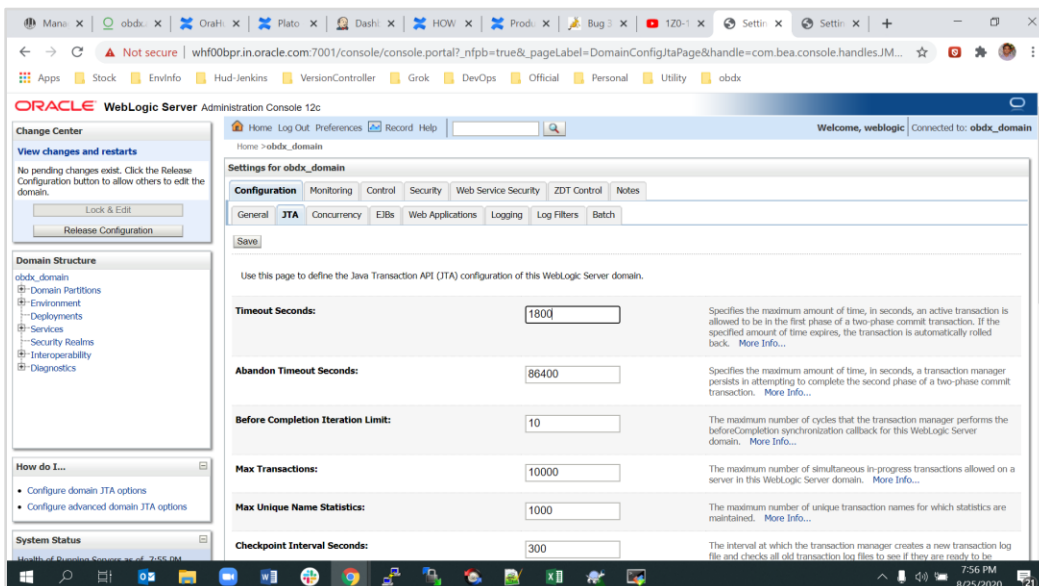
Once OBDX and EHMS schema created, weblogic domain created, managed server, cluster and node manager configured, proceed with below steps.

### 3.1 Setting Domain JTA Transaction timeout

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



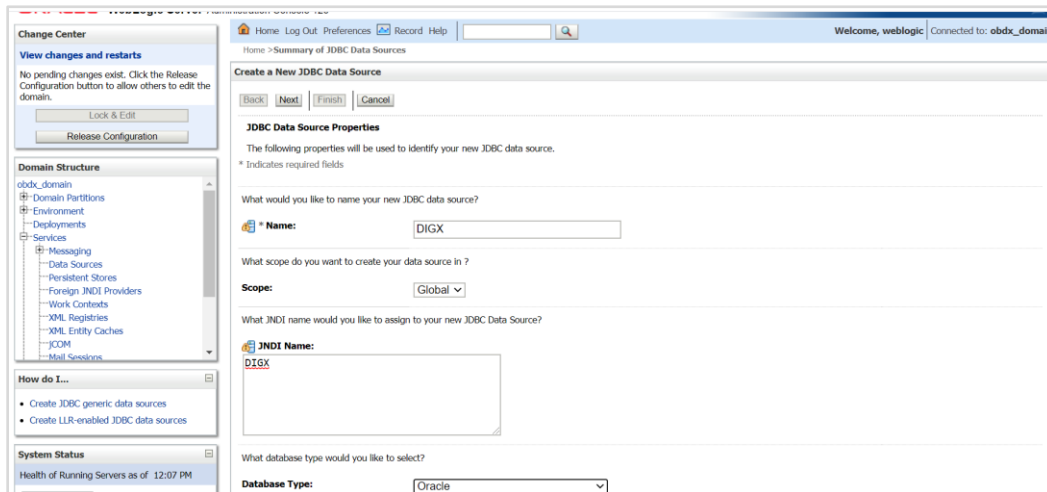
2. click on DOMAIN\_NAME → JTA → set Timeout Seconds to 1800 → click on save → Activate changes



Please verify once if below datasources are already created post 22.2.0.0.0 base installation and if present proceed to JMS Server and JMS Module creation, if not created proceed with below steps.

## 3.2 Creating DIGX data source

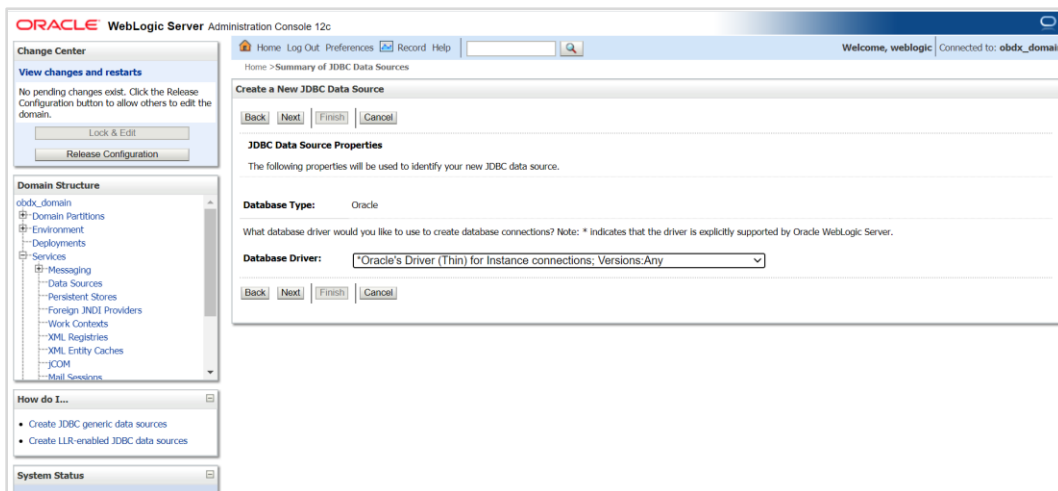
1. Navigate to Data Source → click on new → Provide details and click on finish.



The screenshot shows the 'Create a New JDBC Data Source' wizard in the Oracle WebLogic Server Administration Console. The 'Name' field is set to 'DIGX', the 'Scope' is set to 'Global', and the 'JNDI Name' is set to 'DIGX'. The 'Database Type' is set to 'Oracle'. The 'JDBC Data Source Properties' section indicates that the following properties will be used to identify the new JDBC data source. The 'Database Type' is set to 'Oracle'.

2. Name: - DIGX

JNDI Name: - DIGX



The screenshot shows the 'Create a New JDBC Data Source' wizard in the Oracle WebLogic Server Administration Console. The 'Database Type' is set to 'Oracle' and the 'Database Driver' is set to 'Oracle's Driver (Thin) for Instance connections; Versions: Any'. The 'JDBC Data Source Properties' section indicates that the following properties will be used to identify the new JDBC data source. The 'Database Type' is set to 'Oracle'.

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

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

#### 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:** wht00bop.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:**

#### 5. 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)

## 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

## 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)

New Delete Showing 1 to 6 of 6 Previous Next

Name	Type	JNDI Name	Targets
<input type="checkbox"/> DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/> LocalSvcTblDataSource	Generic	jdbc/LocalSvcTblDataSource	AdminServer
<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 6 of 6 Previous Next

## 3.3 Creating NONXA data source

1. Navigate to Data Source → click on new → Provide details and click on 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

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

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



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 12:20 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:**

#### 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)

Test Configuration Back Next Finish Cancel

**Create a New JDBC Data Source**

**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?

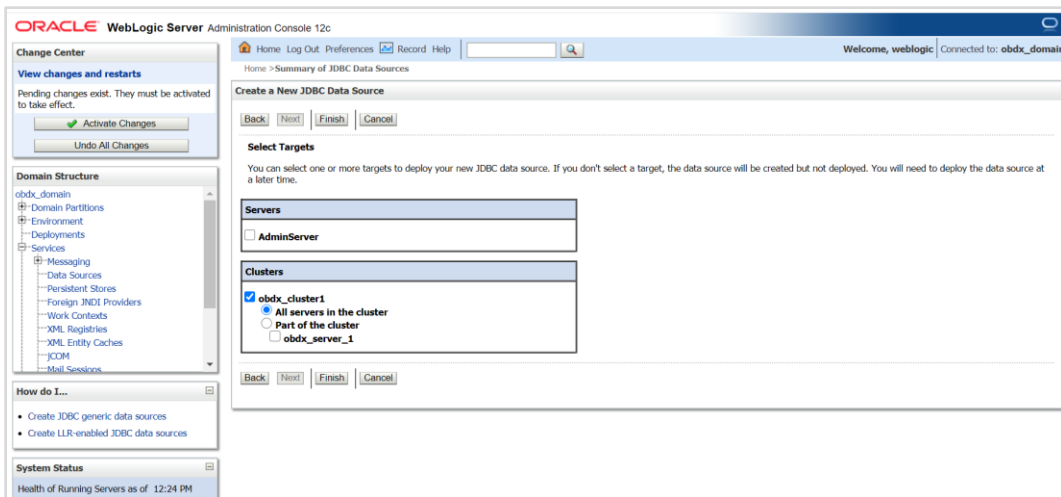
**Database User Name:** OBDX\_OBDX201QTR2

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)

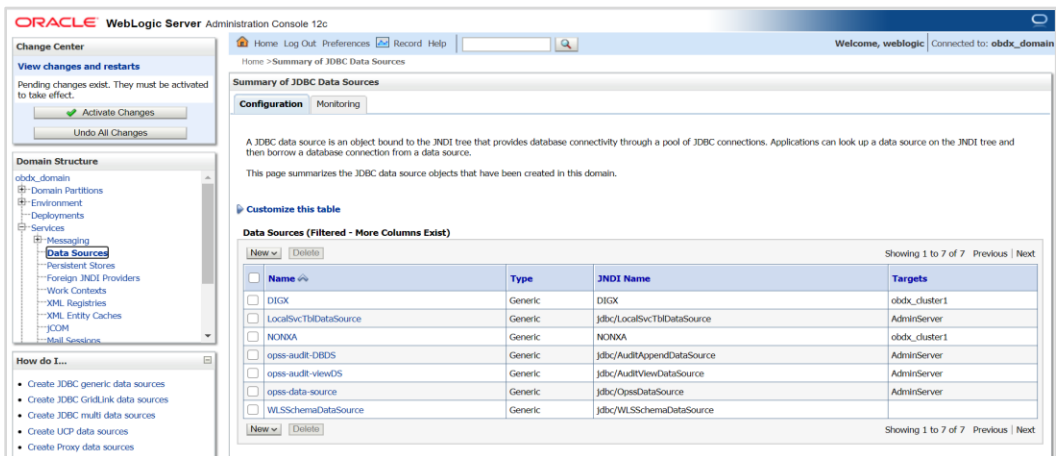
**Password:** \*\*\*\*\*

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

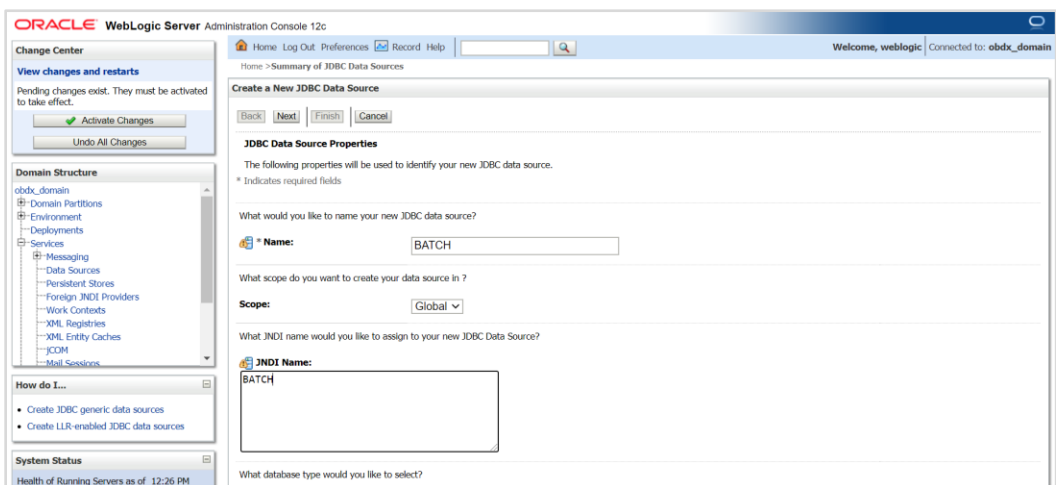
#### 5. Test Configuration



## 6. Select target as cluster -- > Finish

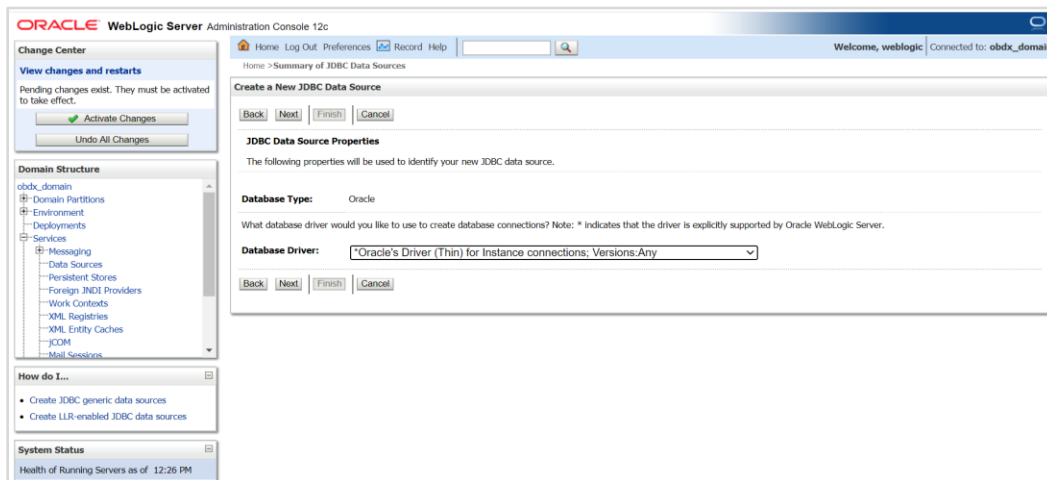


## 3.4 Creating BATCH data source



## 7. Name :- BATCH

## JNDI Name :- BATCH



**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

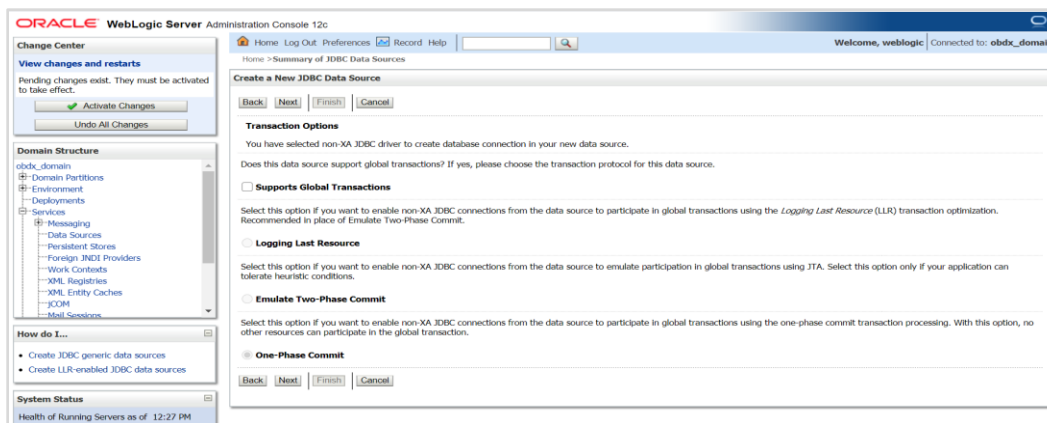
Back Next Finish Cancel

**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



**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

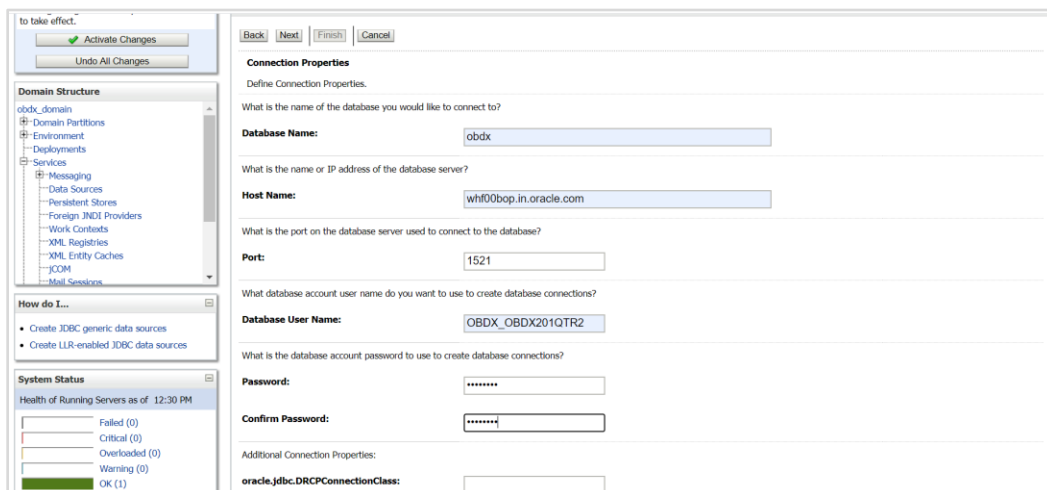
**Change Center**  
View changes and restarts  
Pending changes exist. They must be activated to take effect.  
Activate Changes  
Undo All Changes

**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 12:27 PM

## 8. Click Next



**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

#### 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:**

**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 12:30 PM

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

## 9. 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

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 12:31 PM

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)

## 10. Test Configuration

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 12:31 PM

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

## 11. Target Cluster and click on 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 v Delete

Showing 1 to 8 of 8 Previous Next

<input type="checkbox"/>	Name ↕	Type	JNDI Name	Targets
<input type="checkbox"/>	BATCH	Generic	BATCH	obdx_cluster1
<input type="checkbox"/>	DIGX	Generic	DIGX	obdx_cluster1
<input type="checkbox"/>	LocalSvcTblDataSource	Generic	jdbc/LocalSvcTblDataSource	AdminServer
<input type="checkbox"/>	NONXA	Generic	NONXA	obdx_cluster1
<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 v Delete

Showing 1 to 8 of 8 Previous Next

## 3.5 Creating SYSCONFIG data source

**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?

12. 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

### 13. Click on Next

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 12:35 PM  
Failed (0)  
Critical (0)

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: [masked]  
Confirm Password: [masked]

### 14. 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

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 12:36 PM

Home Log Out Preferences [Record] [Help] [Search]  
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.

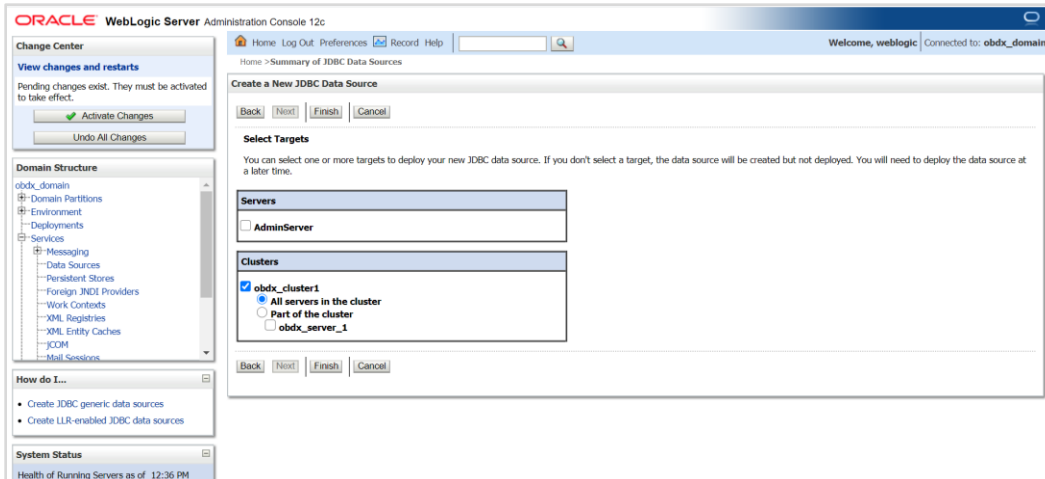
What is the full package name of JDBC driver class used to create database connections in the connection pool?  
(Note that this driver class must be in the classpath of any server to which it is deployed.)  
Driver Class Name: oracle.jdbc.OracleDriver

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

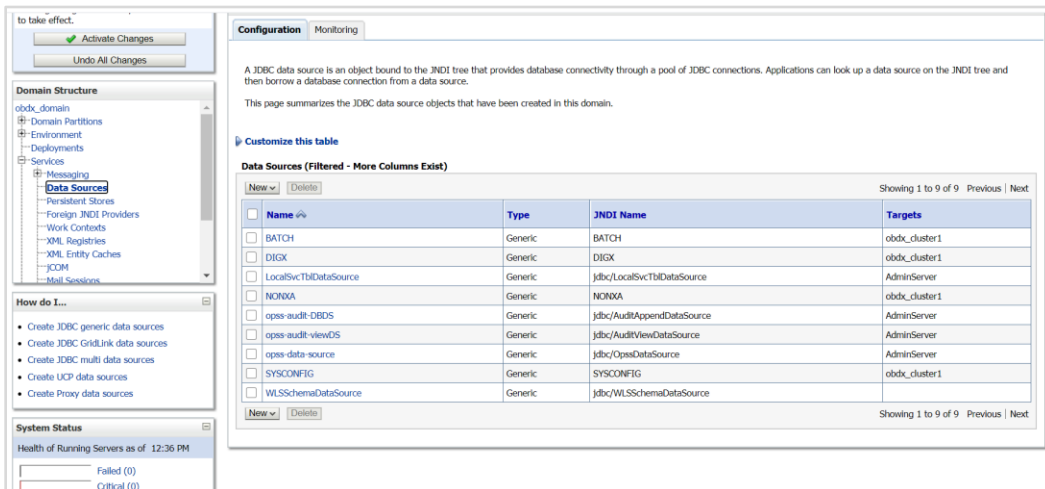
What database account user name do you want to use to create database connections?  
Database User Name: OBDX\_OBDX201QTR2

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)

### 15. Test Configuration



16. Select target as cluster and click on Finish





## 3.6 Creating B1A1 data source

**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  
- JCOB  
- Mail Sessions

**How do I...**  
• Create JDBC generic data sources  
• Create LLR-enabled JDBC data sources

**System Status**  
Health of Running Servers as of 12:37 PM  
Failed (0)

**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:** B1A1

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:** OBDX\_BU\_B1A1

What database type would you like to select?  
**Database Type:** Oracle

17. Name:- B1A1

JNDI Name :- OBDX\_BU\_B1A1

**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  
- JCOB  
- Mail Sessions

**How do I...**  
• Create JDBC generic data sources  
• Create LLR-enabled JDBC data sources

**System Status**  
Health of Running Servers as of 12:50 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 XA) for Service 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

**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  
- JCOB  
- Mail Sessions

**How do I...**  
• Create JDBC generic data sources  
• Create LLR-enabled JDBC data sources

**System Status**  
Health of Running Servers as of 12:45 PM

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

**Transaction Options**  
You have selected an XA JDBC driver to use to create database connection in your new data source. The data source will support global transactions and use the "Two-Phase Commit" global transaction protocol. No other transaction configuration options are available.

[Back] [Next] [Finish] [Cancel]

## 18. Click on Next

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 12:46 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:** ora19c.in.oracle.com

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

**Host Name:** whf00jml.in.oracle.com

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

**Port:** 1522

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?

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

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

Additional Connection Properties:

**oracle.jdbc.DRCPConnectionClass:**

## 19. 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

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 12:50 PM

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx\_domain

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.

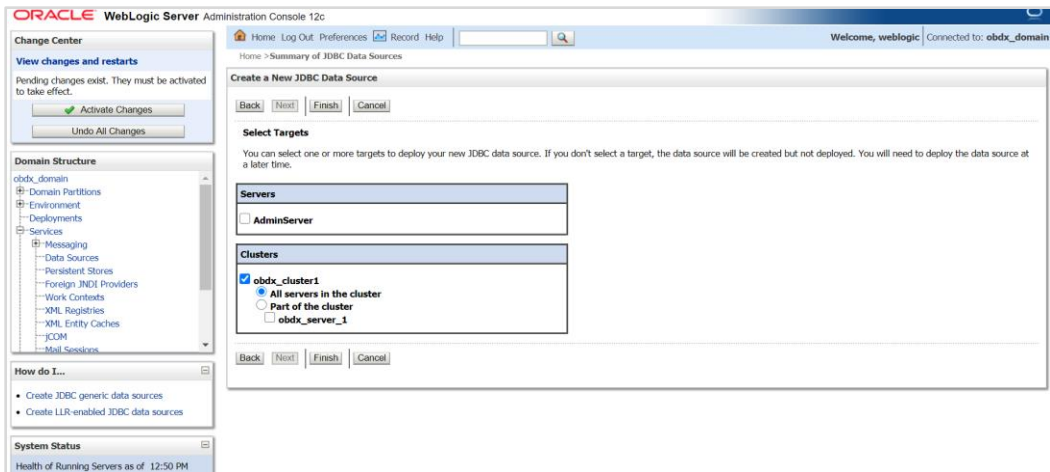
**URL:** jdbc:oracle:thin:@whf00jml.in.oracle.com:1522:ora19c.in.ora

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

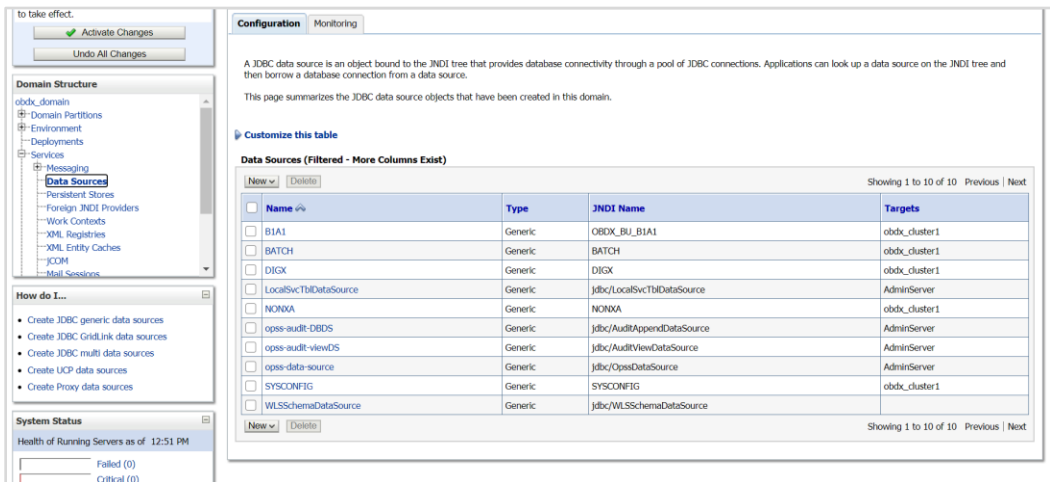
**Database User Name:** B1A1\_201DEVQTR2

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)

## 20. Test Configuration



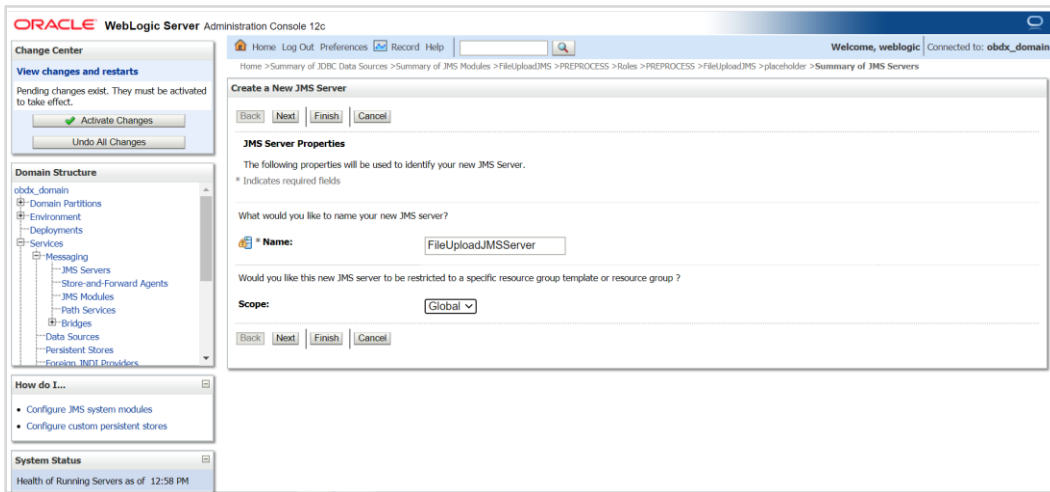
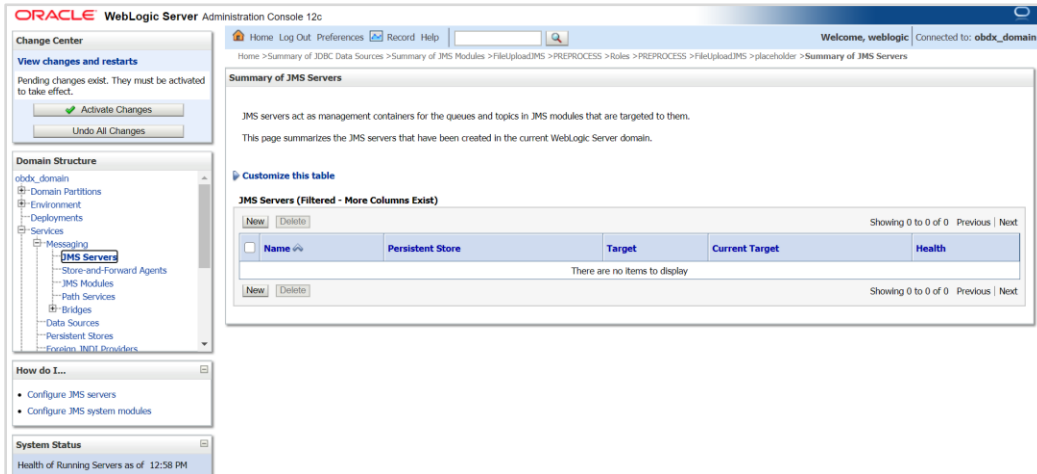
21. Set target as cluster and click on Finish



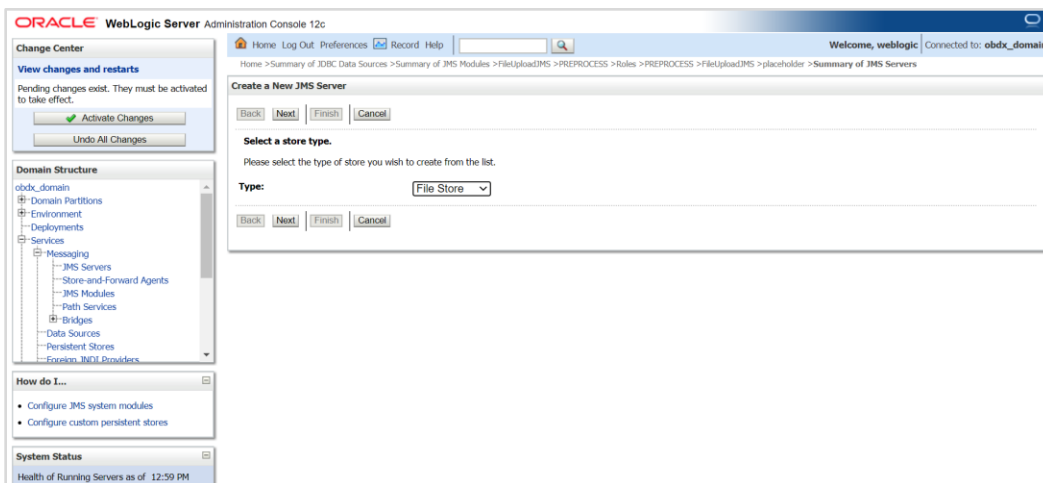
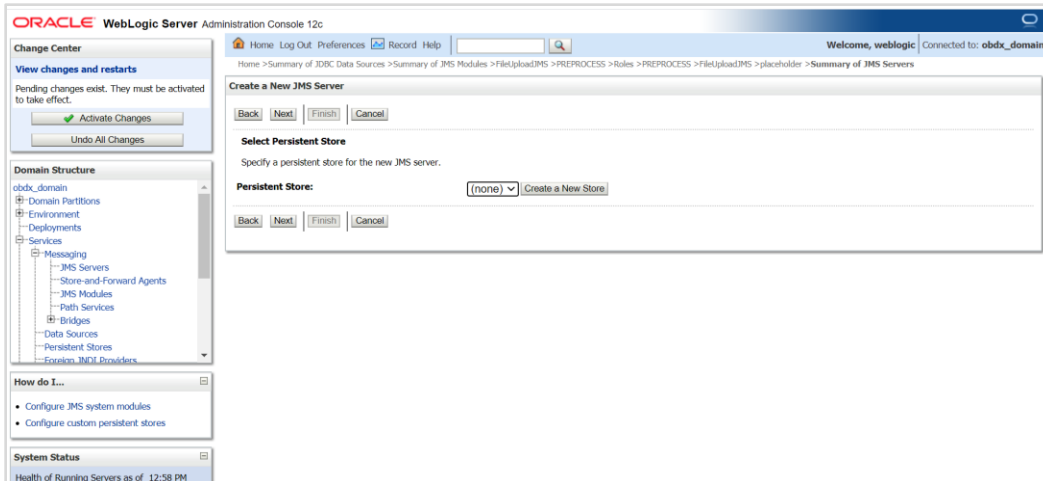
Before starting with below step please verify if below mentioned JMS Servers and Modules are present, if not please refer to jms.xml file present in path -  
**OBDX\_Installer\installables\OBDX\<Installation type>\<version>/ config/xml/jms**

### 3.7 Create JMS server and JMS Module

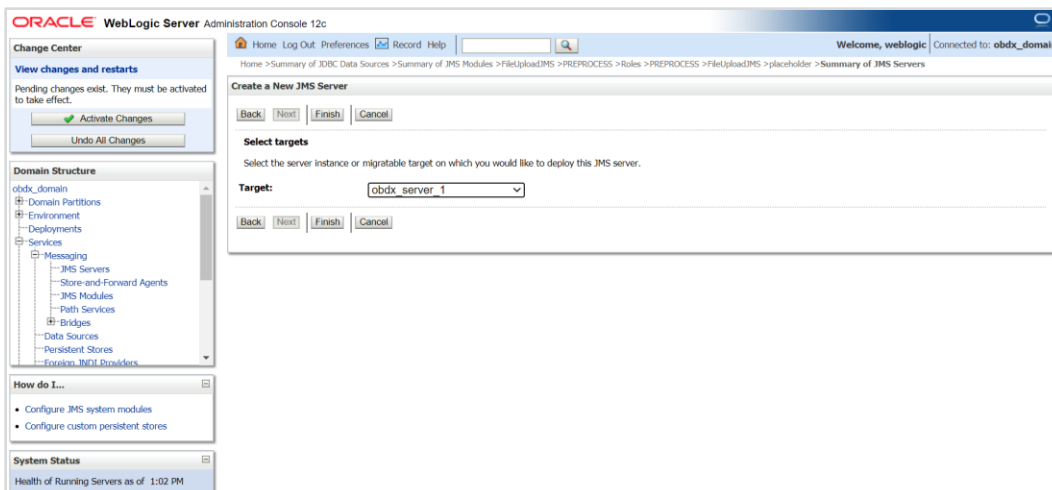
- Creating FileUploadJMS JSM Module
- Creating WLS\_JMS\_FILEUPLOAD\_PS FileStore
- Creating FileUploadJMSServer JMS Server



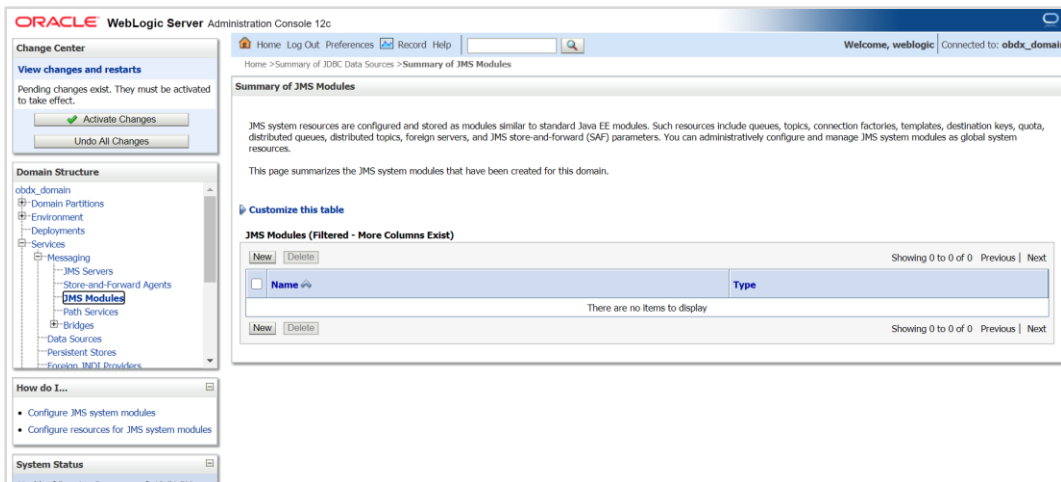
22. Click on JMS Servers → Name – FileUploadJMSServer -- > Click on Next



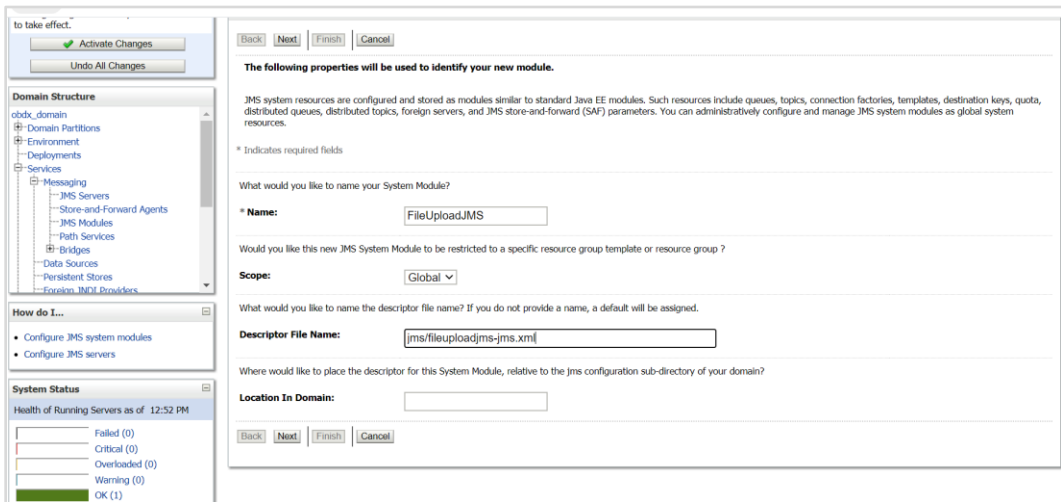
23. Select Type as File Store and click on Next



24. Select target as managed server and click on Finish



25. Left hand side click on JMS Module -- click on New

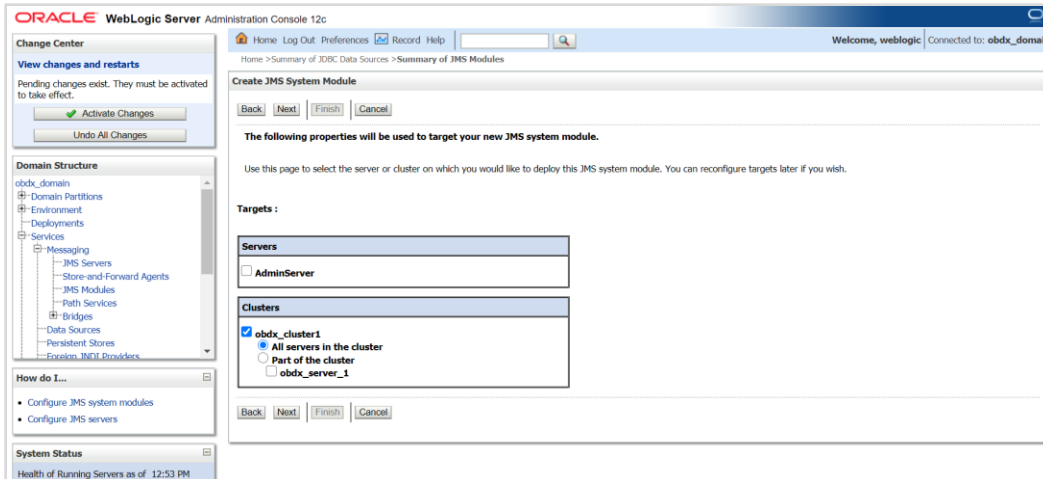


26. Name :- FileUploadJMS

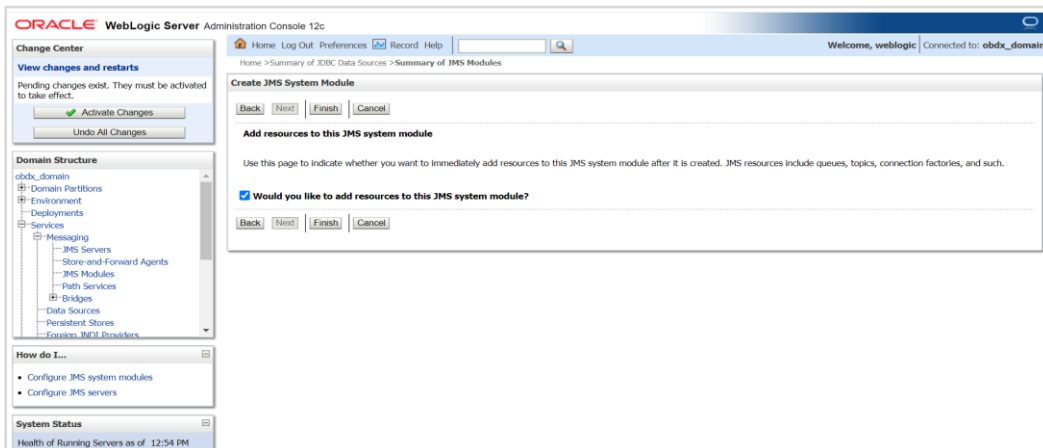
Scope:- Global

Descriptor File Name:- jms/fileuploadjms-jms.xml

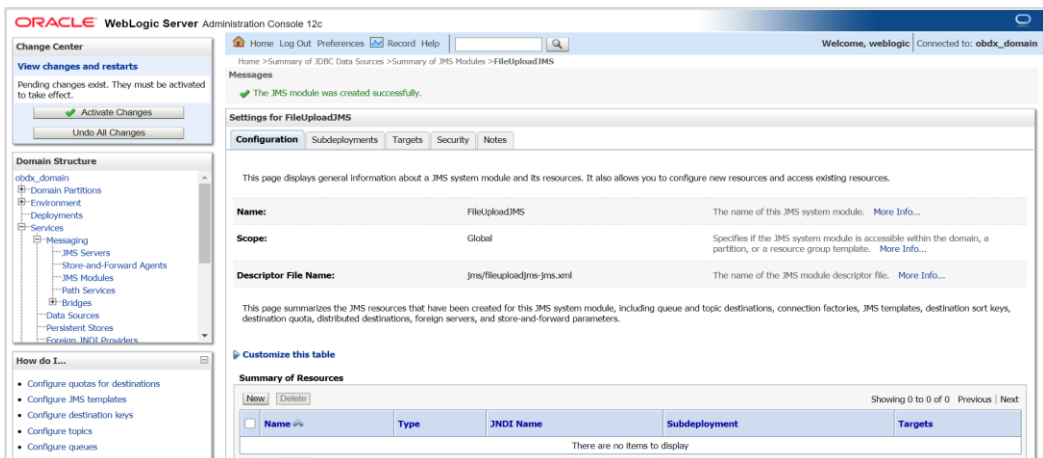
27. Click on Next



28. Set target as cluster → click on Next



29. Select Would you like to add resources to this JMS system module and click on finish



### 30. Select new

**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 quotas for destinations  
• Configure JMS templates  
• Configure destination keys  
• Configure topics  
• Configure queues  
• Configure connection factories  
• Configure uniform distributed topics

**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 type="radio"/> Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. <a href="#">More Info...</a>
<input type="radio"/> Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. <a href="#">More Info...</a>
<input type="radio"/> Topic	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. <a href="#">More Info...</a>
<input checked="" type="radio"/> Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. <a href="#">More Info...</a>
<input type="radio"/> Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. <a href="#">More Info...</a>
<input type="radio"/> Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. <a href="#">More Info...</a>
<input type="radio"/> Quota	Controls the allotment of system resources available to destinations. <a href="#">More Info...</a>

### 31. Select Distributed Queue and click next

**ORACLE WebLogic Server Administration Console 12c**  
Home Log Out Preferences Record Help  
Welcome, vweblogic 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  
│ │ ├── 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:**

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

Queue members may be either created uniformly from a common configuration, or created and weighted individually to fine tune performance. How would you like to create queue members?  
**Destination Type:**

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

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

### 32. Provide

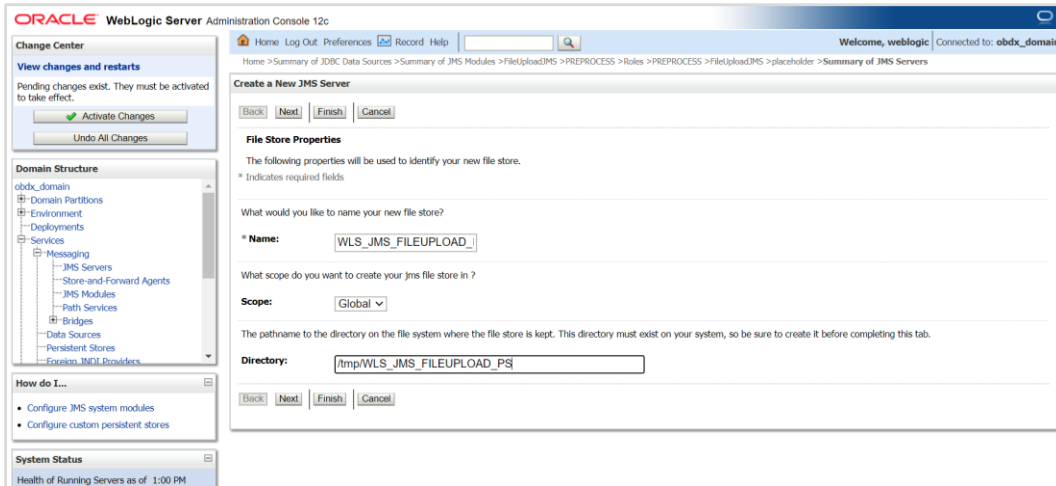
**Name:** - PREPROCESS

**JNDI Name:** - PREPROCESS

**Destination Type:** - Uniform

**Template:** - None

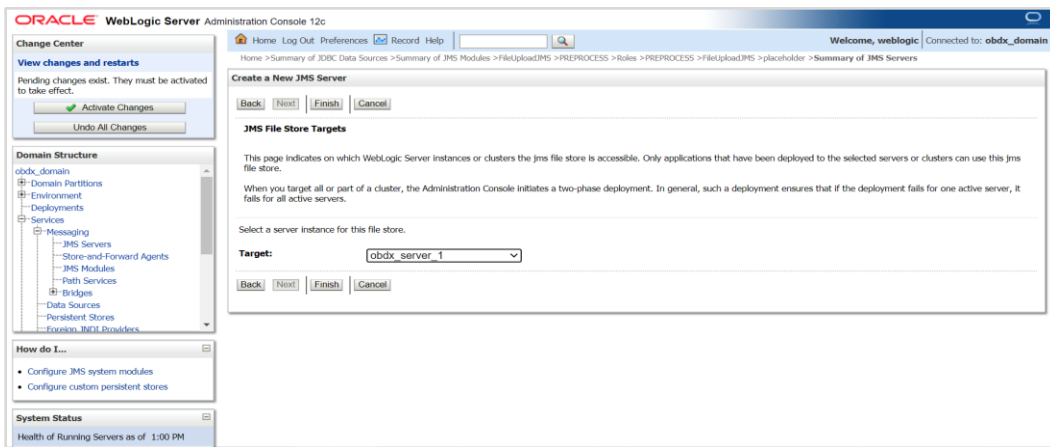




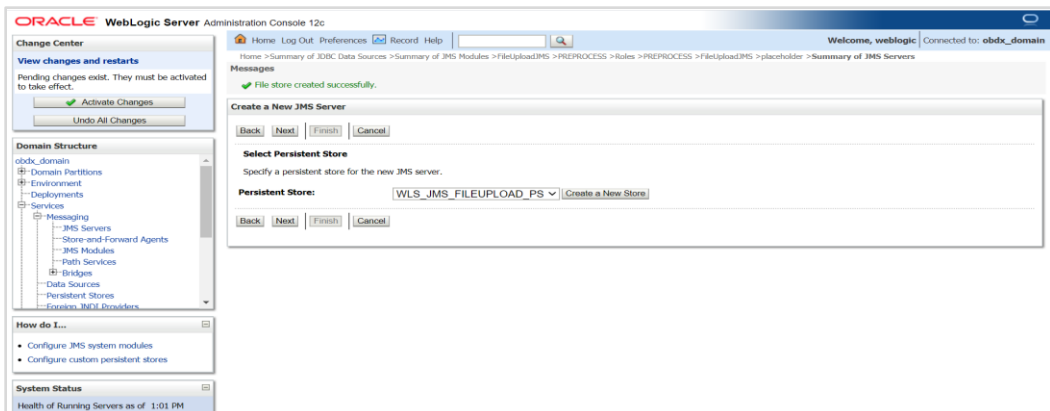
33. Name :- WLS\_JMS\_FILEUPLOAD\_PS

Scope :- Global

Directory :- /tmp/WLS\_JMS\_FILEUPLOAD\_PS



34. Select target as managed server



35. Select WLS\_JMS\_FILEUPLOAD\_PS and click on Next

36. Select Create a New Subdeployment and create FileUploadSD

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**

☒ FileUploadJMSServer

37. Select FileUploadJMSServer and click on Finish

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

**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**

Showing 1 to 1 of 1 Previous | Next

<input type="checkbox"/> Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/> PREPROCESS	Uniform Distributed Queue	PREPROCESS	FileUploadSD	FileUploadJMSServer

Showing 1 to 1 of 1 Previous | Next

38. Similarly Go into FileuploadJMS module and click on 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 > Rules > 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.

☒ **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...](#)

39. Select Connection factory → Click Next

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 FileUploadJMS.

\* Indicates required fields

What would you like to name your new connection factory?

\* **Name:**

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

**JNDI Name:**

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

**Subscription Sharing Policy:**

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

**Client ID Policy:**

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

**Maximum Messages per Session:**

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

☒ **XA Connection Factory Enabled**

## 40. Provide

**Name :- OCF**

**JNDI Name :- OCF**

**Subscription Sharing Policy :- Exclusive**

**Client ID Policy :- Restricted**

**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**

**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**

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

#### 41. Click on Advanced targeting

ORACLE WebLogic Server Administration Console 12c

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

Welcome, weblogic | Connected to: obdx\_domain

**Create a New Subdeployment**

OK Cancel

**Subdeployment Properties**

The following properties will be used to identify your new subdeployment.

**Subdeployment Name:** Default Targeting

OK 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
        - Foreign JNDI Providers

**How do I...**

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

#### 42. Provide Subdeployment Name as Default Targeting

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

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:** Default Targeting Create a New Subdeployment

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

#### 43. Select cluster and click on Finish

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

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

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

Showing 1 to 2 of 2 Previous Next

#### 44. Go to FileUpload JMS click on New

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' and 'Domain Structure' are visible. The 'Domain Structure' shows a tree view with 'obdx\_domain' expanded, showing 'JMS Servers', 'JMS Modules', 'Path Services', 'Bridges', 'Data Sources', 'Persistent Stores', and 'Foreign JNDI Providers'. The 'How do I...' section lists tasks like 'Configure quotas for destinations', 'Configure JMS templates', 'Configure destination keys', 'Configure topics', and 'Configure queues'. The main panel shows the 'Create a New JMS System Module Resource' wizard. The 'Choose the type of resource you want to create' section has five radio buttons: 'Connection Factory', 'Queue', 'Topic', 'Distributed Queue' (selected), and 'Distributed Topic'. Below this, there are descriptions for each resource type. The 'Distributed Queue' description states: '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...'

#### 45. Select Distributed Queue

The screenshot shows the 'JMS Distributed Destination Properties' form in the Oracle WebLogic Server Administration Console. The form is titled 'JMS Distributed Destination Properties' and includes a note: 'The following properties will be used to identify your new Distributed Queue. The current module is FileUploadJMS'. Below this, there are several fields: 'Name' (RAPPROVAL), 'JNDI Name' (RAPPROVAL), 'Destination Type' (Uniform), and 'Template' (None). The 'Name' field is marked with an asterisk (\*) indicating it is required. The 'JNDI Name' field is also marked with an asterisk (\*). The 'Destination Type' field is a dropdown menu with 'Uniform' selected. The 'Template' field is a dropdown menu with 'None' selected. At the bottom of the form, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

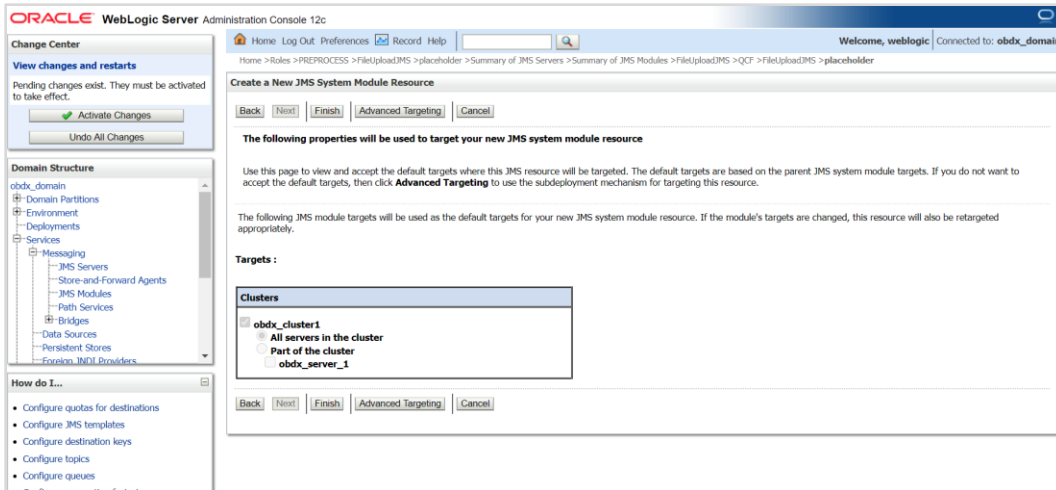
#### 46. Provide

**Name :-** RAPPROVAL

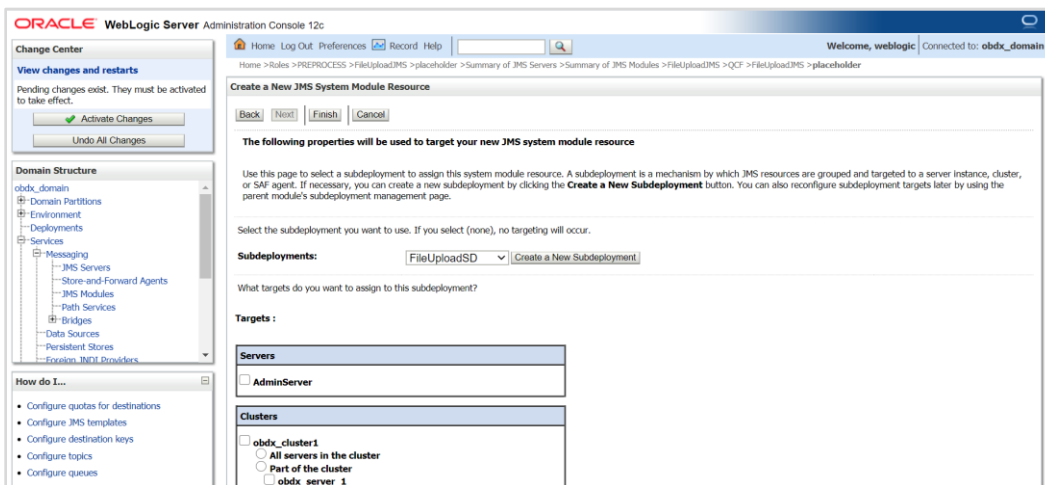
**JNDI Name :-** RAPPROVAL

**Destination Type:-** Uniform

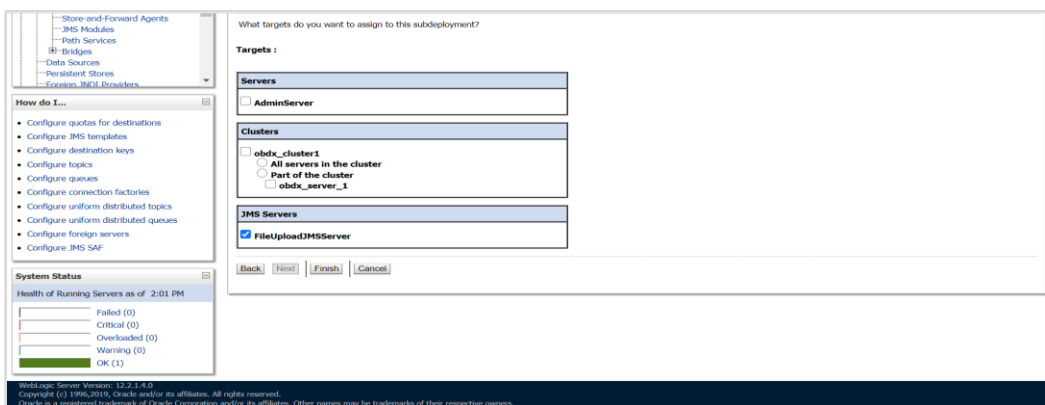
**Template :-** None



#### 47. Select Advance targeting



#### 48. Select Subdeployment :- FileUploadSD



#### 49. Select FileUploadJMSServer and click on Finish

obdc\_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

System Status

Health of Running Servers as of 2:01 PM

Failed (0)

Critical (0)

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

NewDelete

Showing 1 to 3 of 3 PreviousNext

<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	obdc_cluster1
<input type="checkbox"/>	RAPPROVAL	Uniform Distributed Queue	RAPPROVAL	FileUploadSD	FileUploadJMSServer

NewDelete

Showing 1 to 3 of 3 PreviousNext

3-28

ORACLE®

### 3.8 Creating WLS JMS AUDIT PS FileStore

### 3.9 Creating AuditJMSServer JMS Server

### 3.10 Creating WLS JMS REPORT PS FileStore

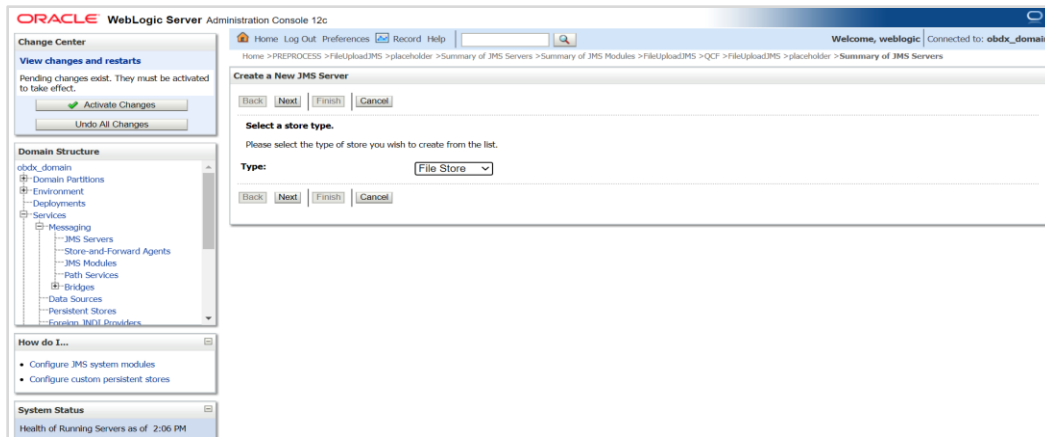
The screenshot shows the Oracle WebLogic Server Administration Console 12c. The left sidebar contains the 'Domain Structure' tree with 'obdx\_domain' selected. The main pane displays the 'Create a New JMS Server' wizard. The 'JMS Server Properties' section is active, showing the 'Name' field set to 'AuditJMSServer' and the 'Scope' dropdown set to 'Global'. The 'Back', 'Next', 'Finish', and 'Cancel' buttons are visible at the bottom of the wizard.

1. Click on JMS server and click on New
2. Provide Name as AuditJMSServer , Scope as Global

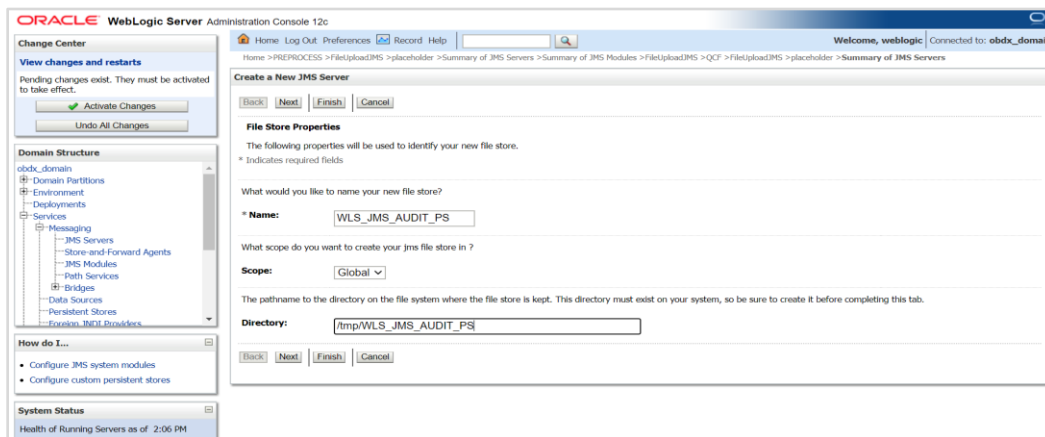
The screenshot shows the 'Select Persistent Store' step of the 'Create a New JMS Server' wizard. The 'Persistent Store' dropdown is set to '(none)', and the 'Create a New Store' button is visible. The 'Back', 'Next', 'Finish', and 'Cancel' buttons are visible at the bottom of the wizard.



### 3. Click on Create a New Store



### 4. Select File Store

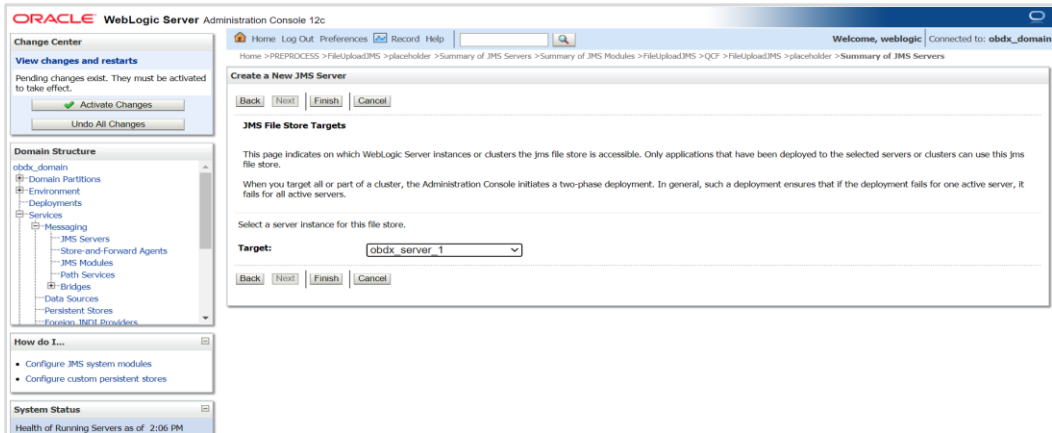


### 5. Provide

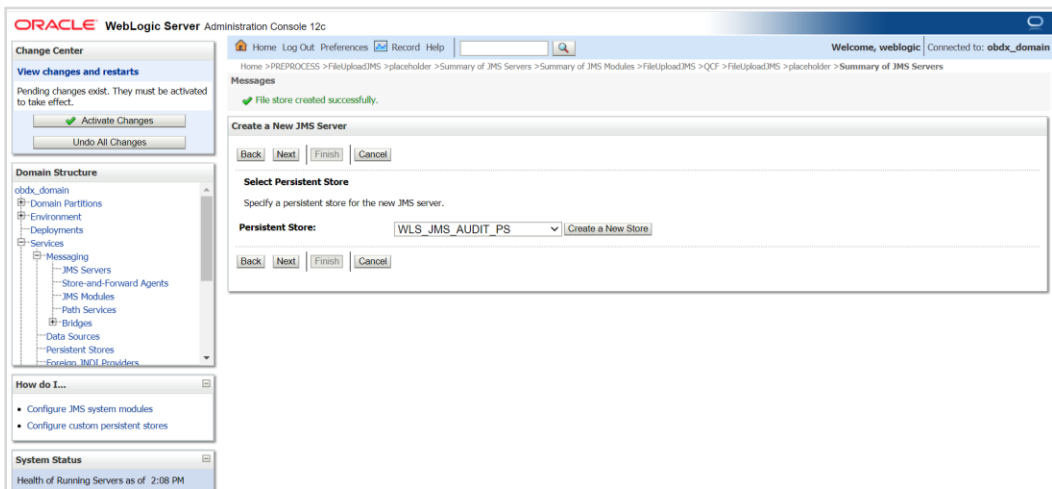
**Name :-** WLS\_JMS\_AUDIT\_PS

**Scope :-** Global

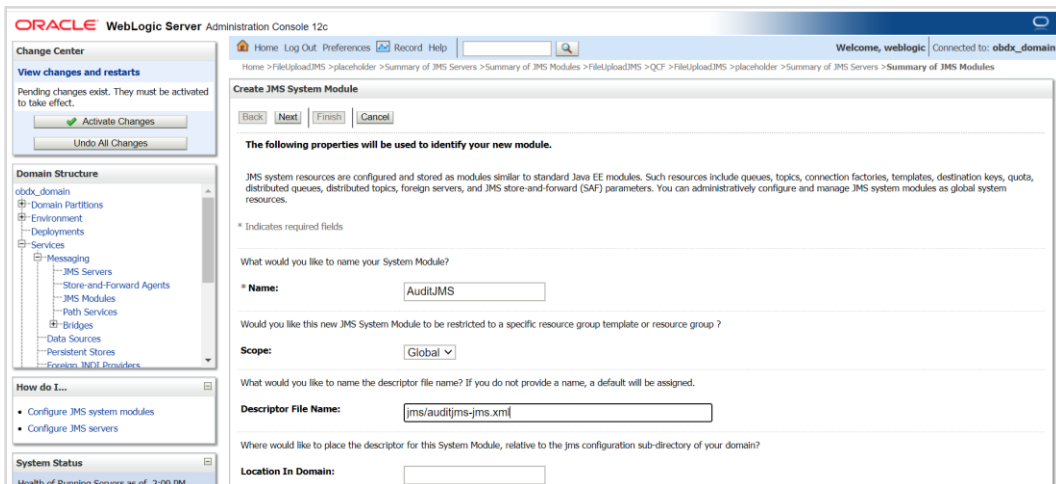
**Directory :-** /tmp/WLS\_JMS\_AUDIT\_PS



## 6. Select Target as managed server and click on Finish



## 7. Select the new store created WLS\_JMS\_AUDIT\_PS and click on Next

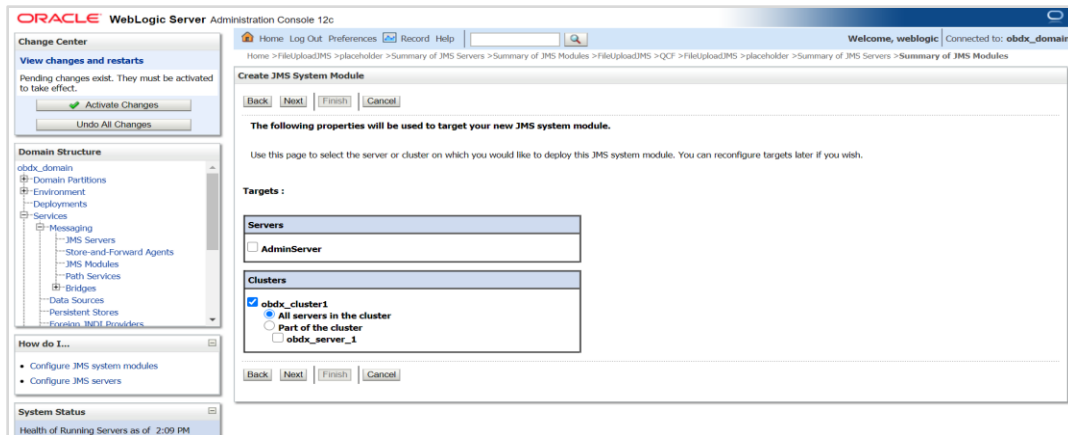


## 8. Provide

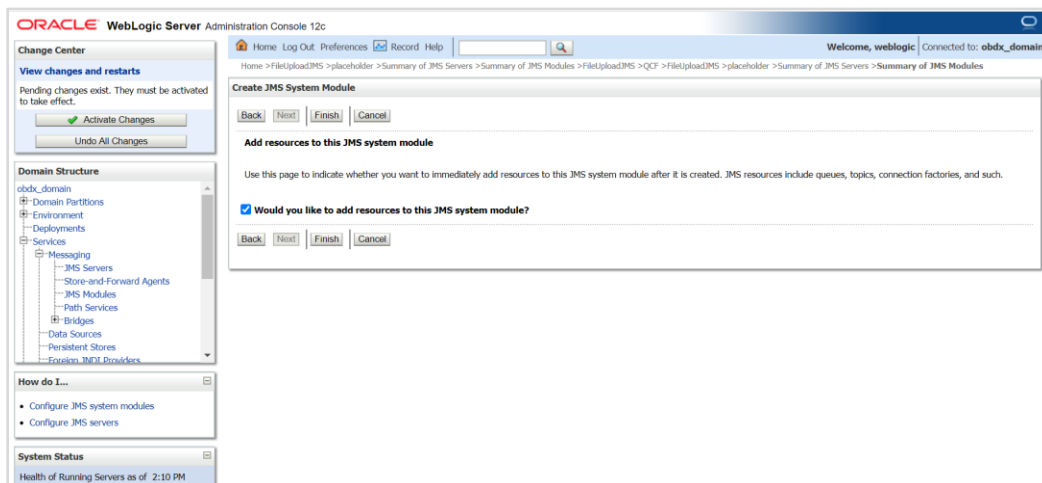
**Name :-** AuditJMS

**Scope :-** Global

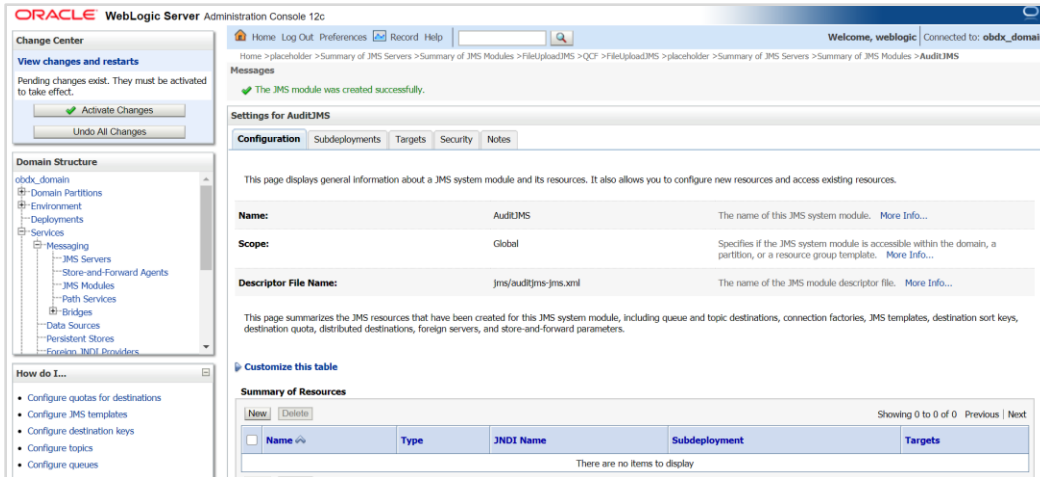
**Descriptor File Name:-** jms/auditjms-jms.xml



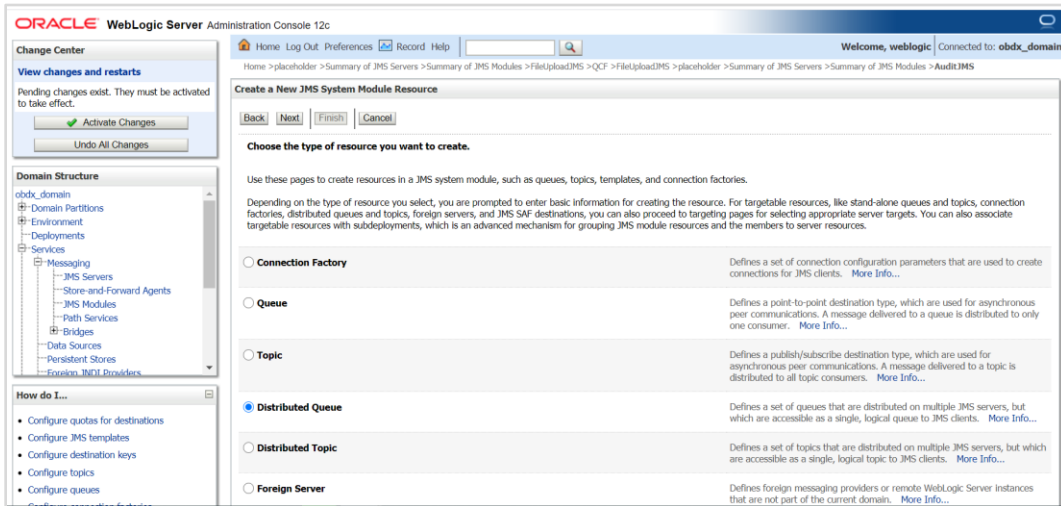
## 9. Select Cluster as a target



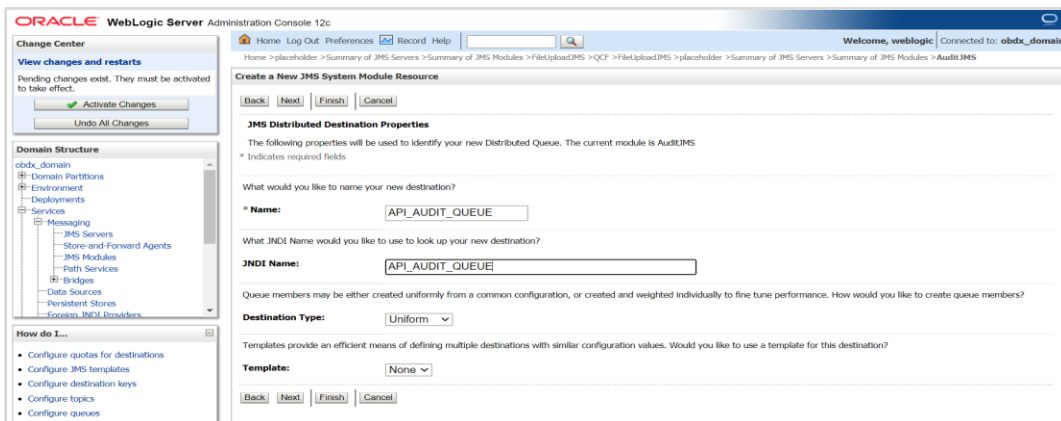
## 10. Select would you like to add resource to this JMS system module?



## 11. Click on new



## 12. Select Distributed Queue

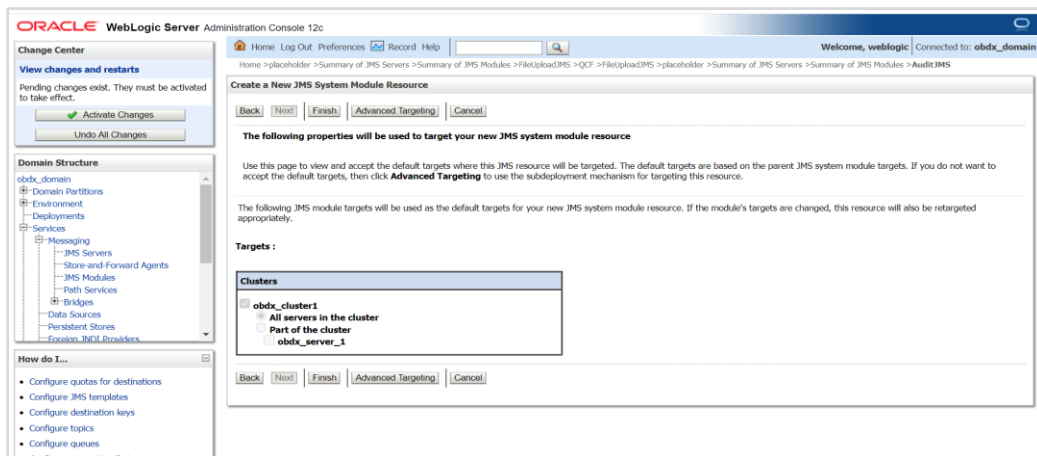


13. Name:- API\_AUDIT\_QUEUE

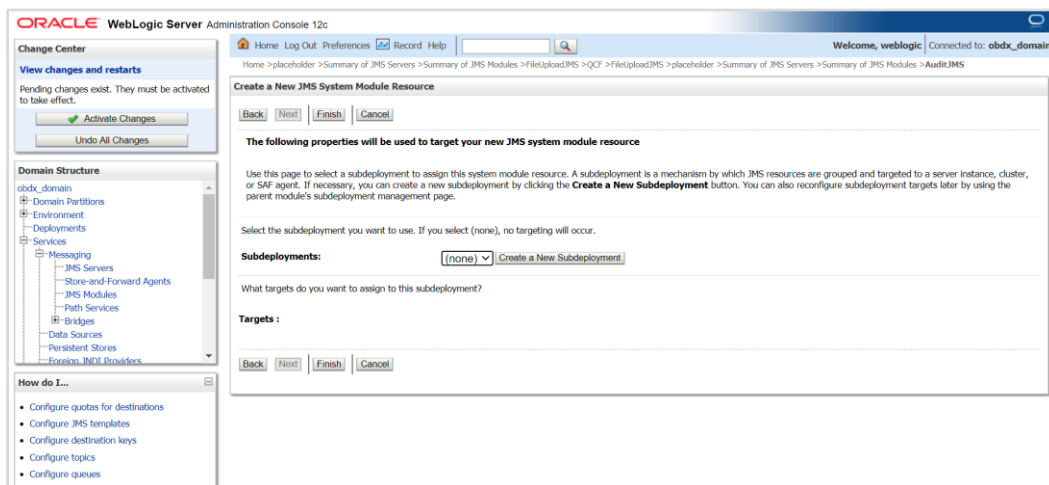
JNDI Name:- API\_AUDIT\_QUEUE

Destination Type :- Uniform

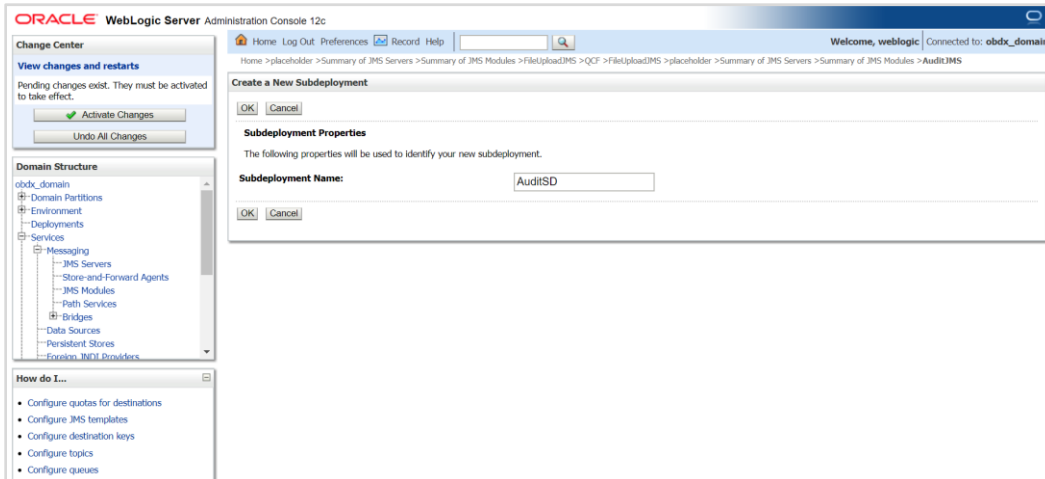
Template:- None



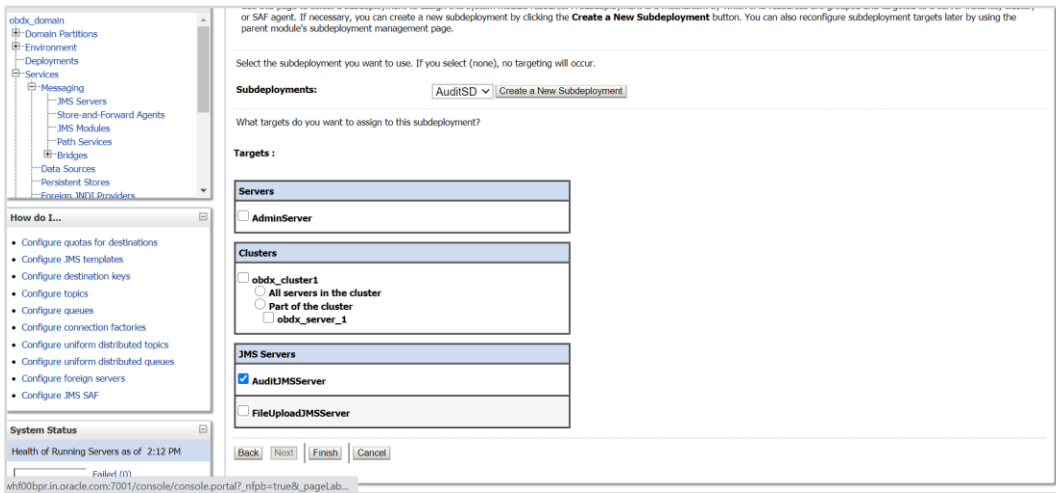
14. Select Advance targeting



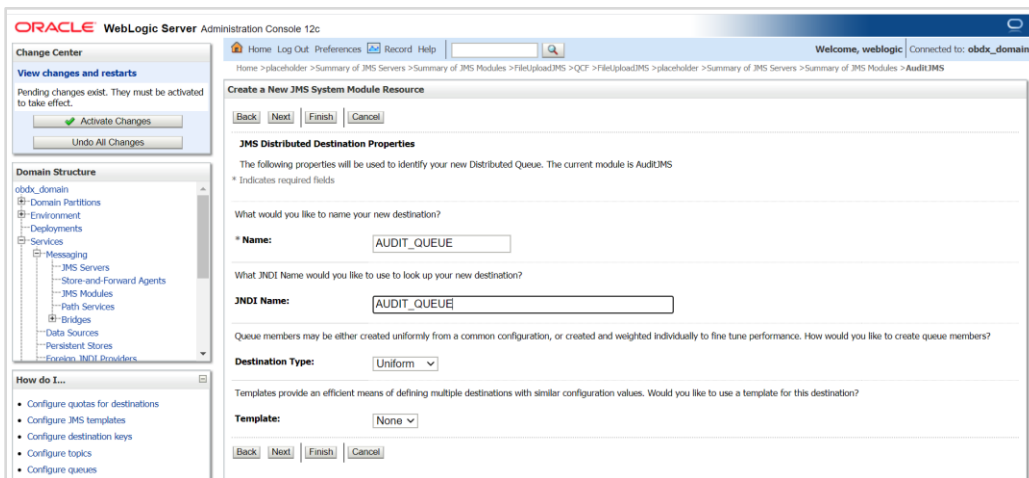
15. Click on Create a New Subdeployment



## 16. Provide Subdeployment Name as AuditSD



## 17. 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 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="radio"/>	obdx_cluster1
<input type="radio"/>	All servers in the cluster
<input type="radio"/>	Part of the cluster
<input type="radio"/>	obdx_server_1

Back Next Finish Advanced Targeting Cancel

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

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:** 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="radio"/>	obdx_server_1

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

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

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

Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

<input type="radio"/>	<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 checked="" 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>



**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

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>

## 18. Click on connection Factory

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

Back Next Finish Cancel

### 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 be queued 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**

## 19. 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

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.

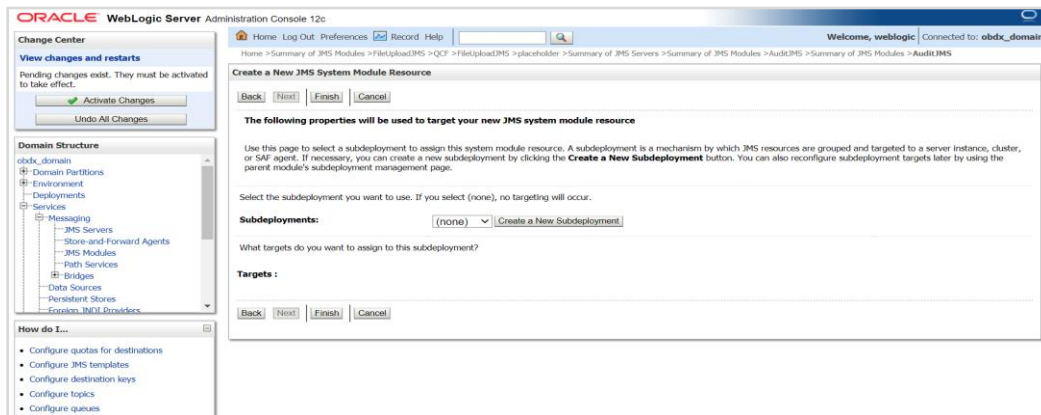
**Targets :**

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

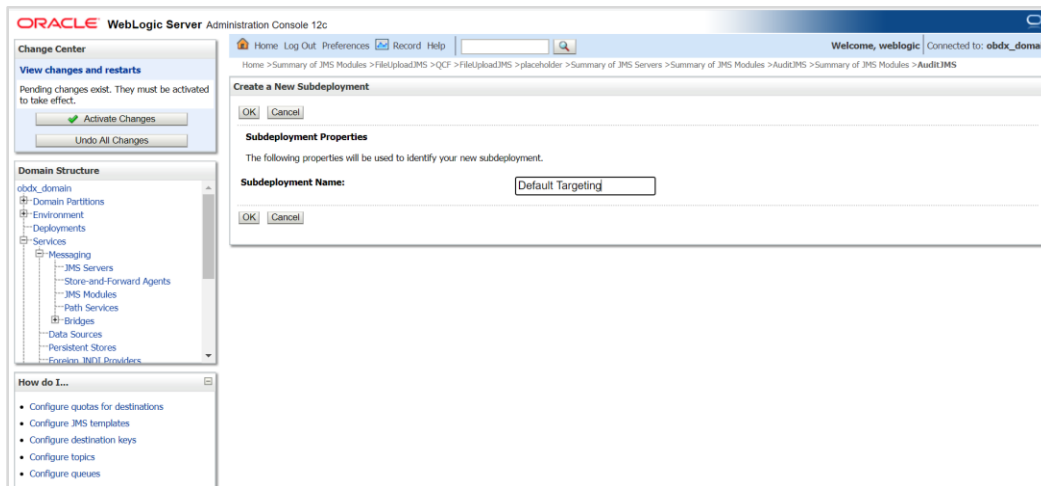
Back Next Finish Advanced Targeting Cancel



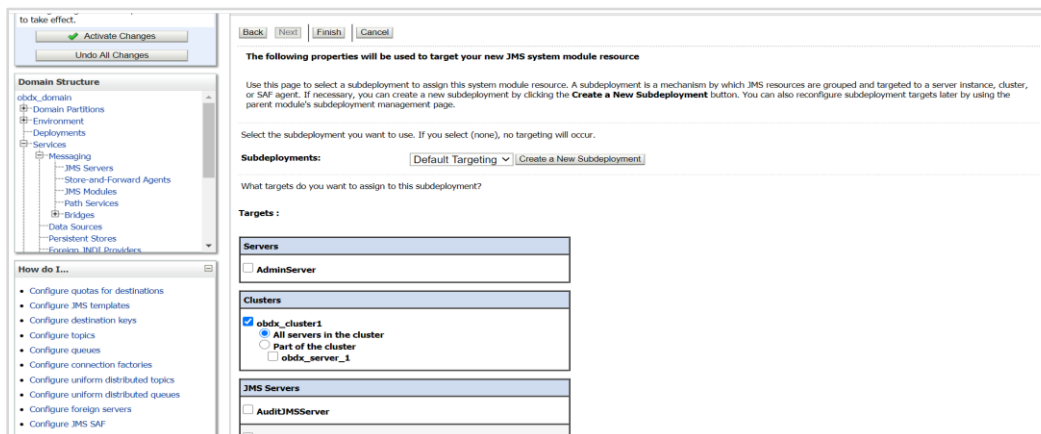
## 20. Click on Advanced Targeting



## 21. Click on Create a New Subdeployment



## 22. Give Subdeployment Name as Default Targeting



23. 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
- 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

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

New Delete Showing 1 to 3 of 3 Previous Next

<input type="checkbox"/>	Name ↕	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	API_AUDIT_QUEUE	Uniform Distributed Queue	API_AUDIT_QUEUE	AuditSD	AuditJMSServer
<input type="checkbox"/>	AUDITQCF	Connection Factory	AUDITQCF	Default Targeting	obdx_cluster1
<input type="checkbox"/>	AUDIT_QUEUE	Uniform Distributed Queue	AUDIT_QUEUE	AuditSD	AuditJMSServer

New Delete Showing 1 to 3 of 3 Previous Next

## 3.11 Creating ReportsJMSServer JMS Server

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

**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 servers

**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
<input type="checkbox"/> AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/> FileUploadJMSServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/> ReportsJMSServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

Showing 1 to 3 of 3 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  
│ │ ├── 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 3:58 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
<input type="checkbox"/> AuditJMS	JMSSystemResource
<input type="checkbox"/> FileUploadJMS	JMSSystemResource
<input type="checkbox"/> ReportsJMSModule	JMSSystemResource

Showing 1 to 3 of 3 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  
│ │ ├── 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

**Settings for ReportsJMSModule**  
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:** ReportsJMSModule  
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/reportsjmsmodule-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
<input type="checkbox"/> REPORTADHOC	Uniform Distributed Queue	REPORTADHOC	ReportsSubdeployment	ReportsJMSServer
<input type="checkbox"/> REPORTSCHEDULED	Uniform Distributed Queue	REPORTSCHEDULED	ReportsSubdeployment	ReportsJMSServer
<input type="checkbox"/> ReportsQCF	Connection Factory	ReportsQCF	Default Targeting	obdx_cluster1

Showing 1 to 3 of 3 Previous | Next

2. 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

## 3.12 Creating jpa-cache JMS Server

## 3.13 Creating WLS JPA PS FileStore

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

Oracle WebLogic Server Administration Console 12c

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

Welcome, weblogic | Connected to: obdx\_domain

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 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 > 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

Welcome, weblogic | Connected to: obdx\_domain

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, quotas, 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

1. 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

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

The JMS distributed topic was created successfully.

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

New

Delete

Showing 1 to 2 of 2

Previous

Next

<input type="checkbox"/>	Name ↕	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	jms/jpa-cache-cf	Connection Factory	jms/jpa-cache-cf	Default Targeting	obdx_cluster1
<input type="checkbox"/>	jms/jpa-cache-topic	Uniform Distributed Topic	jms/jpa-cache-topic	jpa-cache-sd	jpa-cache

New

Delete

Showing 1 to 2 of 2

Previous

Next

## 3.14 Creating ExtSystemReceiver JMS Server -- WLS JMS EXTSYSRECEIVER PS FileStore

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
  - Fusion, 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)

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)

Showing 1 to 5 of 5 Previous Next

Name	Persistent Store	Target	Current Target	Health
AuditJMServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
ExtSystemReceiver	WLS_JMS_EXTSYSRECEIVER_PS	obdx_server_1	obdx_server_1	
FileUploadJMServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
jpa-cache	WLS_JPA_PS	obdx_server_1	obdx_server_1	
ReportsJMServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

New Delete

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
  - Fusion, 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

New Delete

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

✓ 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



## 3.15 Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS JMS EXTSSSENDER PS

As show below create JMS Server ExtSystemSender

The screenshot shows the WebLogic Server Administration Console with the 'JMS Servers' configuration page. The left sidebar shows the 'Domain Structure' tree with 'JMS Servers' selected. The main content area displays a summary of JMS servers and a table of existing servers.

**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
<input type="checkbox"/> AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/> ExtSystemReceiver	WLS_JMS_EXTSSSENDER_PS	obdx_server_1	obdx_server_1	
<input type="checkbox"/> ExtSystemSender	WLS_JMS_EXTSSSENDER_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	

### 1. Create ExtSystemSender JMS Module

The screenshot shows the WebLogic Server Administration Console with the 'JMS Modules' configuration page. The left sidebar shows the 'Domain Structure' tree with 'JMS Modules' selected. The main content area displays a summary of JMS modules and a table of existing modules.

**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.

**Customize this table**

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

Name	Type
<input type="checkbox"/> AuditJMS	JMSSystemResource
<input type="checkbox"/> ExtSystemReceiver	JMSSystemResource
<input type="checkbox"/> ExtSystemSender	JMSSystemResource
<input type="checkbox"/> FileUploadJMS	JMSSystemResource
<input type="checkbox"/> jpa-cache	JMSSystemResource
<input type="checkbox"/> ReportsJMSModule	JMSSystemResource

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

The screenshot shows the WebLogic Server Administration Console with the 'JMS Resources' configuration page. The left sidebar shows the 'Domain Structure' tree with 'JMS Resources' selected. The main content area displays a summary of JMS resources and a table of existing resources.

**Summary of Resources**

Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/> ExtSystemSenderQCF	Connection Factory	ExtSystemSenderQCF	Default Targeting	obdx_cluster1
<input type="checkbox"/> ExtSystemSenderQueue	Uniform Distributed Queue	ExtSystemSenderQueue	ExtSystemSenderSub	ExtSystemSender

## 3.16 Creating UBSForeignServer JMS Server

### 1. In JMSModule create UBSSystemModule

The screenshot shows the Oracle JMS console interface. On the left, the 'Domain Structure' tree is expanded to 'JMS Modules'. The 'Summary of JMS Modules' page is displayed, showing a list of JMS modules. The 'UBSSystemModule' is highlighted in blue. The 'How do I...' section on the left lists tasks such as 'Configure JMS system modules' and 'Configure resources for JMS system modules'. The 'System Status' section shows the health of running servers as of 4:24 PM, with all servers in an 'OK' state.

to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdc\_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 resources for JMS system modules

System Status

Health of Running Servers as of 4:24 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)

Name	Type
AuditJMS	JMSSystemResource
ExtSystemReceiver	JMSSystemResource
ExtSystemSender	JMSSystemResource
FileUploadJMS	JMSSystemResource
Jpa-cache	JMSSystemResource
ReportsJMSModule	JMSSystemResource
UBSSystemModule	JMSSystemResource

Showing 1 to 7 of 7 Previous Next

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

The screenshot shows the Oracle JMS console interface. On the left, the 'Domain Structure' tree is expanded to 'JMS Modules'. The 'Settings for UBSSystemModule' page is displayed, showing the configuration for the 'UBSSystemModule'. The 'Configuration' tab is selected, showing general information about the JMS system module and its resources. The 'Summary of Resources' section shows a list of resources. The 'UBSForeignServer' is highlighted in blue. The 'How do I...' section on the left lists tasks such as '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', and 'Configure JMS SAF'.

to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdc\_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

Settings for UBSSystemModule

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: UBSSystemModule 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/ubssystemmodule-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
UBSForeignServer	Foreign Server	N/A	UBSSubdeployment	obdc_cluster1

Showing 1 to 1 of 1 Previous Next

## 3.17 Creating OBPMForeignServer JMS Server

### 1. In JMSModule create OBPMSystemModule

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 4:27 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)

New Delete

Showing 1 to 8 of 8 Previous Next

<input type="checkbox"/>	Name	Type
<input type="checkbox"/>	AuditJMS	JMSSystemResource
<input type="checkbox"/>	ExtSystemReceiver	JMSSystemResource
<input type="checkbox"/>	ExtSystemSender	JMSSystemResource
<input type="checkbox"/>	FileUploadJMS	JMSSystemResource
<input type="checkbox"/>	Jms-cache	JMSSystemResource
<input type="checkbox"/>	OBPMSystemModule	JMSSystemResource
<input type="checkbox"/>	ReportsJMSModule	JMSSystemResource
<input type="checkbox"/>	UBSysModule	JMSSystemResource

New Delete

Showing 1 to 8 of 8 Previous Next

### 2. Under OBPMSystemModule create OBPMForeignServer – Foreign Server as show below in 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**
      - OBPMSystemModule**
      - 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

The foreign server was created successfully.

Settings for OBPMSystemModule

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: OBPMSystemModule 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/obpmsystemmodule-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 1 of 1 Previous Next

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	OBPMForeignServer	Foreign Server	N/A	OBPMSubdeployment	obdx_cluster1

New Delete

Showing 1 to 1 of 1 Previous Next

---

## 4. 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/common

Wars 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" displayName="digx-cms"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-corporateloan.war" displayName="digx-corporateloan"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-creditfacility.war" displayName="digx-creditfacility"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-edx.war" displayName="digx-edx"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-liquiditymanagement.war" displayName="digx-  
liquiditymanagement" target="@wls_cluster_name@" location="@deploy_path@" type=""  
deployOrder="100"/>
```

```
<!-- <application name="digx-loanapplication.war" displayName="digx-loanapplication"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/> -  
-->
```

```
<application name="digx-payments.war" displayName="digx-payments"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-pfm.war" displayName="digx-pfm"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<!-- <application name="digx-pm.war" displayName="digx-pm"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/> -  
-->
```

```
<application name="digx-processmanagement.war" displayName="digx-  
processmanagement" target="@wls_cluster_name@" location="@deploy_path@" type=""  
deployOrder="100"/>
```

```
<application name="digx-retail.war" displayName="digx-retail"  
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-scf.war" displayName="digx-scf"
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-scfcm.war" displayName="digx-scfcm"
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-tradefinance.war" displayName="digx-tradefinance"
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-virtual-account.war" displayName="digx-virtual-account"
target="@wls_cluster_name@" location="@deploy_path@" type="" deployOrder="100"/>
```

```
<application name="digx-kafkanotification.war" displayName="digx-kafkanotification"
target="@wls_cluster_name@"
location="@installerhome@/installables/app/components/common" type=""
deployOrder="100"/>
```

```
<application name="digx-common.war" displayName="digx-common"
target="@wls_cluster_name@" location="@deploy_path@" type="common"
deployOrder="100"/>
```

```
<application name="digx-admin.war" displayName="digx-admin"
target="@wls_cluster_name@" location="@deploy_path@" type="common"
deployOrder="99"/>
```

```
<application name="digx-infra.war" displayName="digx-infra"
target="@wls_cluster_name@" location="@deploy_path@" type="common"
deployOrder="100"/>
```

```
<library name="digx-shared-libs.war" displayName="digx-shared-libs"
target="@wls_cluster_name@,AdminServer" location="@deploy_path@" type="common"
deployOrder="0"/>
```

```
<application name="digx-eurekaserver.war" displayName="digx-eurekaserver"
target="@wls_cluster_name@"
location="@installerhome@/installables/app/components/common" type="common"
deployOrder="100"/>
```

```
<application name="digx-webauthn.war" displayName="digx-webauthn"
target="@wls_cluster_name@"
location="@installerhome@/installables/app/components/common" type="common"
deployOrder="100"/>
```

```
<application name="digx-coherence.war" displayName="digx-coherence"
target="@wls_cluster_name@"
location="@installerhome@/installables/app/components/common" type="common"
deployOrder="0"/>
```

```
<application name="digx-extxfacesimulator.war" displayName="digx-  
extxfacesimulator" target="@wls_cluster_name@"  
location="@installerhome@/installables/app/components/common" type="common"  
deployOrder="100"/>
```

```
<library name="digx-lzn-libs.war" displayName="digx-lzn-libs"  
target="@wls_cluster_name@,AdminServer"  
location="@installerhome@/installables/app/components/common" type="common"  
deployOrder="0"/>
```

```
<application name="digx-ukob.war" displayName="digx-ukob"  
target="@wls_cluster_name@" location="@deploy_path@" type="common"  
deployOrder="100"/>
```

```
<application name="digx-berlinob.war" displayName="digx-berlinob"  
target="@wls_cluster_name@" location="@deploy_path@" type="common"  
deployOrder="100"/>
```

```
<application name="digx-genai.war" displayName="digx-genai"  
target="@wls_cluster_name@" location="@deploy_path@" type="common"  
deployOrder="100"/>
```

```
<application name="digx-finlimit.war" displayName="digx-finlimit"  
target="@wls_cluster_name@"  
location="@installerhome@/installables/app/components/common" type="common"  
deployOrder="100"/>
```

```
<application name="digx-em.war" displayName="digx-em"  
target="@wls_cluster_name@"  
location="@installerhome@/installables/app/components/common" type="common"  
deployOrder="100"/>
```

```
<application name="digx-sms.war" displayName="digx-sms"  
target="@wls_cluster_name@" location="@deploy_path@" type="common"  
deployOrder="99"/>
```

```
<application name="digx-configserver.war" displayName="digx-configserver"  
target="@wls_cluster_name@"  
location="@installerhome@/installables/app/components/common" type="common"  
deployOrder="100"/>
```

```
<!-- <application name="digx-approval.war" displayName="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.

---

## 5. 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.GenericIdentityStoreProvider">

<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"/>
```