

Oracle® Banking Digital Experience

Installation Guide-Non-Linux Platforms



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ORACLE®

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Purpose

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

Before you Begin

Kindly refer to our **Getting Started User Guide** for common elements, including Symbols and Icons, Conventions Definitions, and so forth.

Pre-requisites

Specify **User ID** and **Password**, and login to **Home** screen.

Audience

This document is intended for the following audience:

- Customers
- Partners

Documentation Accessibility

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

Access to Oracle Support

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

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

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

Related Resources

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

- Oracle Banking Digital Experience Installation Manuals
- Oracle Banking Digital Experience Licensing Manuals

Conventions

The following text conventions are used in this document:

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

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

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

Acronyms and Abbreviations

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

Table 1 Acronyms and Abbreviations

Abbreviation	Description
OBDX	Oracle Banking Digital Experience

Post-requisites

After finishing all the requirements, please log out from the **Home** screen.

1

Manual OBDX Installation

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

OBAPI Database Installation with OBPM FLAVOR

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

OBDX_Installer/installables/OBDX/<Installation type>/<version>/db/<version>/OBDX/

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

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

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

OBDX_Installer/installables/OBDX/<Installation type>/<version>/db/<version>/

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

- [Policy Seeding](#)

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

1.1 Policy Seeding

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

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

update <logs_path> in the above file (TEMP_PATH) to desired location.

Execute below command in sequence.

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

```

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

```

2

WEBLOGIC Setup and Configuration

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

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

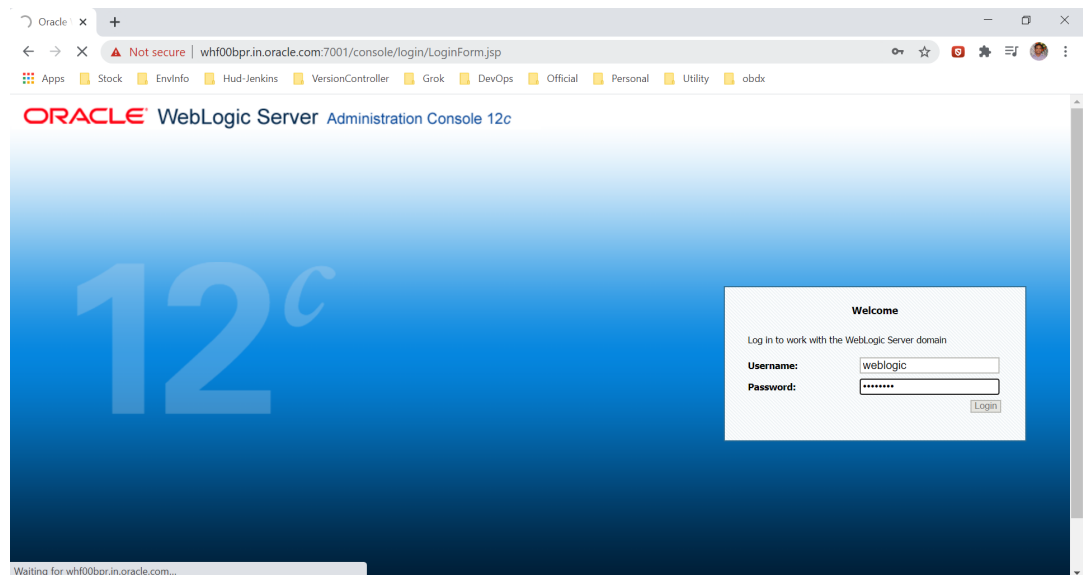
- [Setting Domain JTA Transaction Timeout](#)
This topic describes the systematic instruction to **Setting Domain JTA Transaction Timeout** option.
- [Creating DIGX Data Source](#)
This topic describes the systematic instruction to **Creating DIGX Data Source** option.
- [Creating NONXA Data Source](#)
This topic describes the systematic instruction to **Creating NONXA Data Source** option.
- [Creating BATCH Data Source](#)
This topic describes the systematic instruction to **Creating BATCH Data Source** option.
- [Creating SYSCONFIG Data Source](#)
This topic describes the systematic instruction to **Creating SYSCONFIG Data Source** option.
- [Creating B1A1 Data Source](#)
This topic describes the systematic instruction to **Creating B1A1 Data Source** option.
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This topic describes the systematic instruction to **Create JMS Server and JMS Module** option.
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This topic describes the systematic instruction to **Creating WLS_JMS_REPORT_PS FileStore** option.
- [Creating ReportsJMSServer JMS Server](#)
This topic describes the systematic instruction to **Creating ReportsJMSServer JMS Server** option.
- [Creating jpa-cache JMS Server](#)
- [Creating WLS_JPA_PS FileStore](#)
This topic describes the systematic instruction to **Creating WLS_JPA_PS FileStore** option.
- [Creating ExtSystemReceiver JMS Server - WLS_JMS_EXTSYSRECEIVER_PS FileStore](#)
This topic describes the systematic instruction to **Creating ExtSystemReceiver JMS Server - WLS_JMS_EXTSYSRECEIVER_PS FileStore** option.
- [Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS_JMS_EXTSYSENDER_PS](#)
This topic describes the systematic instruction to **Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS_JMS_EXTSYSENDER_PS** option.

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

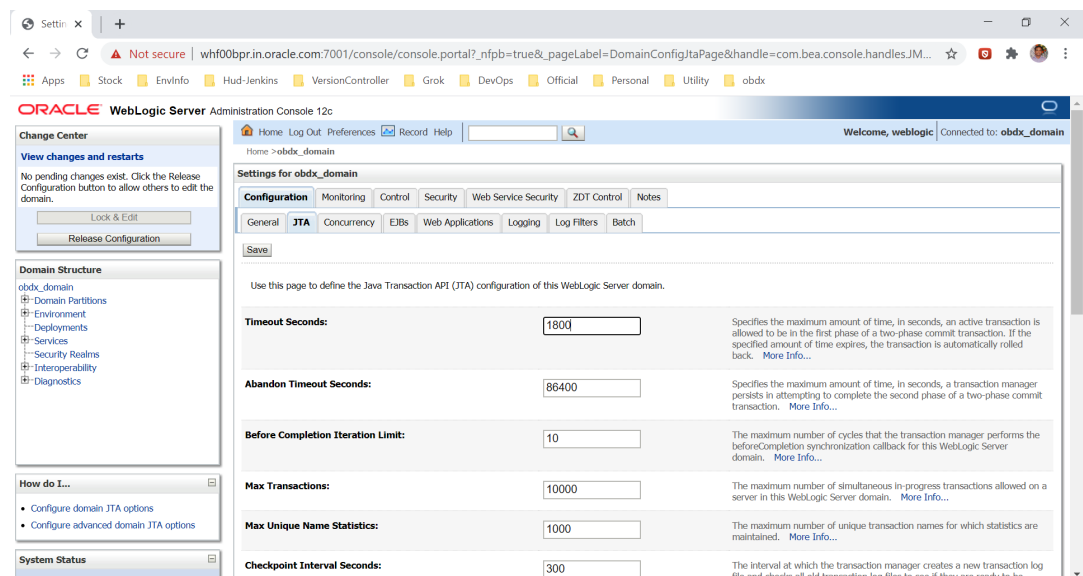
2.1 Setting Domain JTA Transaction Timeout

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

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



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



2.2 Creating DIGX Data Source

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

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

The screenshot shows the Oracle WebLogic Server Administration Console. On the left is the 'Change Center' with options to 'View changes and restarts', 'Lock & Edit', and 'Release Configuration'. Below it is the 'Domain Structure' tree showing the hierarchy from 'obdx_domain' down to 'Data Sources'. The 'How do I...' section provides links to 'Create JDBC generic data sources' and 'Create LLR-enabled JDBC data sources'. The 'System Status' section shows the 'Health of Running Servers as of 12:07 PM'. The main panel displays the 'Create a New JDBC Data Source' wizard. The 'JDBC Data Source Properties' section includes fields for 'Name' (DIGX), 'Scope' (Global), 'JNDI Name' (DIGX), and 'Database Type' (Oracle). Navigation buttons 'Back', 'Next', 'Finish', and 'Cancel' are visible at the top and bottom of the wizard.

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

This screenshot shows the same Oracle WebLogic Server Administration Console interface as the previous one, but the 'Create a New JDBC Data Source' wizard has progressed to the 'Database Driver' selection step. The 'Database Type' is 'Oracle'. The 'Database Driver' dropdown is set to 'Oracle's Driver (Thin) for Instance connections; Versions: Any'. The 'Name' and 'JNDI Name' fields remain 'DIGX'. The 'Database Type' field is also visible and set to 'Oracle'. The 'Back', 'Next', 'Finish', and 'Cancel' buttons are present.

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

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

obdx_domain

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

How do I...

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

System Status

Health of Running Servers as of 12:12 PM

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

Create a New JDBC Data Source

Back Next Finish Cancel

Transaction Options

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

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

☒ **Supports Global Transactions**

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

☐ **Logging Last Resource**

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

☒ **Emulate Two-Phase Commit**

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

☐ **One-Phase Commit**

Back Next Finish Cancel

4. Select Emulate Two-Phase Commit.

Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

obdx_domain

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

How do I...

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

System Status

Health of Running Servers as of 12:12 PM

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

Back Next Finish Cancel

Connection Properties

Define Connection Properties.

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

Database Name: obdx

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

Host Name: whf00bop.in.oracle.com

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

Port: 1521

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

Database User Name: OBDX_OBDX201QTR2

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

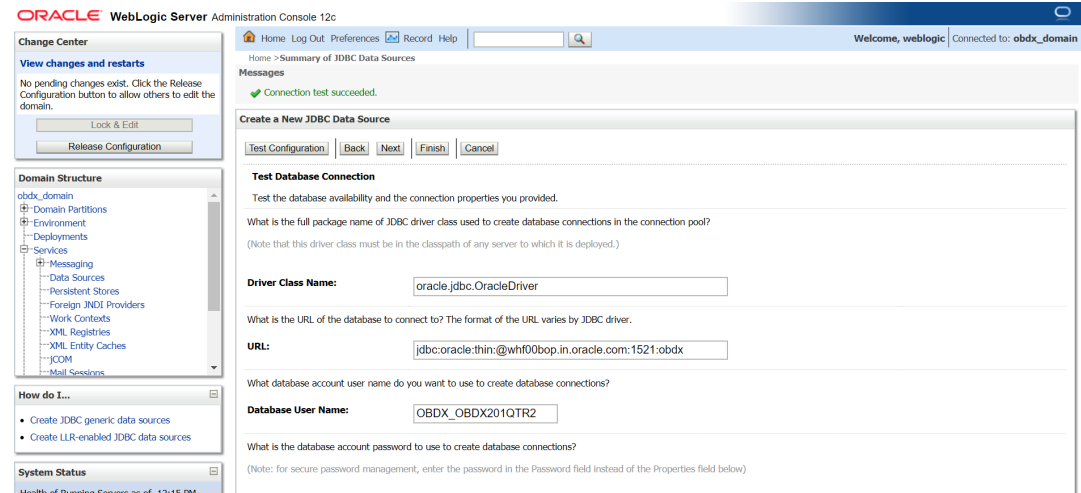
Password: *****

Confirm Password: *****

Additional Connection Properties:

oracle.jdbc.DRCPConnectionClass:

- Provide
 - Database Name:** Database SID
 - Host Name:** Database hostname
 - Port:** Database port Number
 - Database user Name:** OBDX_\${POST_FIX}



ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Messages

Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

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

Driver Class Name: oracle.jdbc.OracleDriver

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

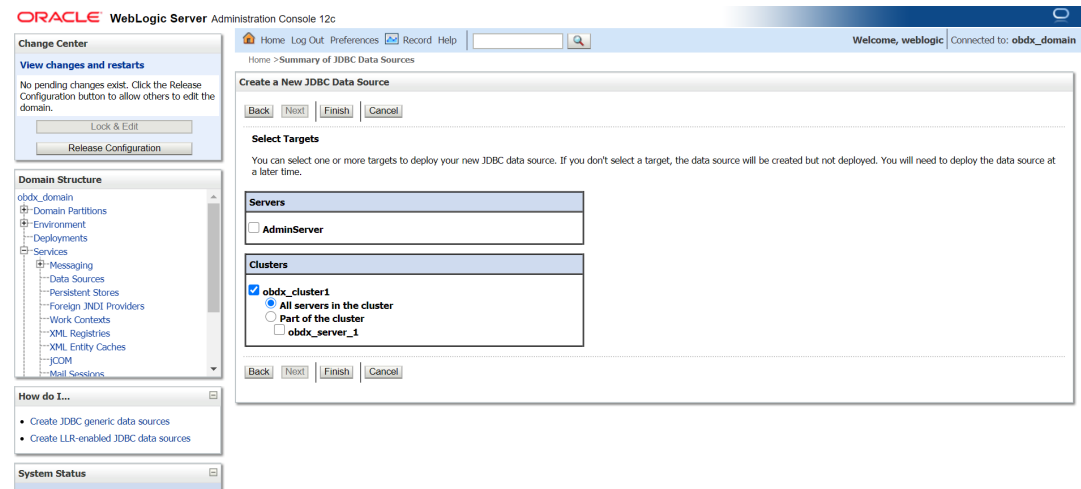
URL: jdbc:oracle:thin:@whf00bop.in.oracle.com:1521:obdx

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

Database User Name: OBDX_OBDX201QTR2

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

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

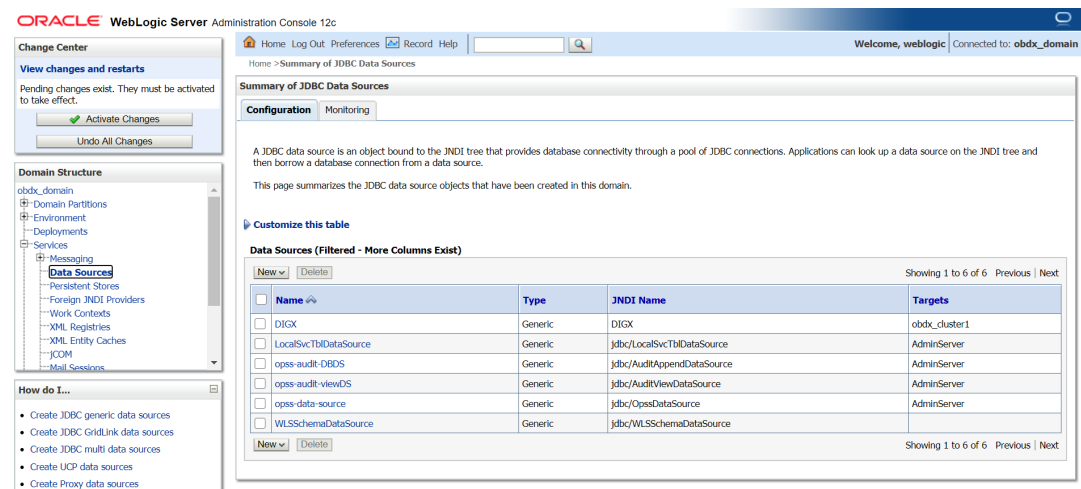
All servers in the cluster

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)

Name	Type	JNDI Name	Targets
DIGX	Generic	DIGX	obdx_cluster1
LocalSvcTblDataSource	Generic	jdbc/LocalSvcTblDataSource	AdminServer
opss-audit-DEDS	Generic	jdbc/AuditAppendDataSource	AdminServer
opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete

Showing 1 to 6 of 6 Previous Next

2.3 Creating NONXA Data Source

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

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

Domain Structure

obdx_domain

- Domain Partitions
- Environment
- Deployments
- Services
 - 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 12:16 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

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

* Indicates required fields

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

Name: NONXA

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

Scope: Global

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

JNDI Name: NONXA

What database type would you like to select?

2. Name : NONXA
JNDI Name : NONXA

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

Domain Structure

obdx_domain

- Domain Partitions
- Environment
- Deployments
- Services
 - 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 12:17 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

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

Database Type: Oracle

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

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

Back Next Finish Cancel

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

Transaction Options

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

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

☐ **Supports Global Transactions**

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

☐ **Logging Last Resource**

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

☐ **Emulate Two-Phase Commit**

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

☒ **One-Phase Commit**

Back Next Finish Cancel

3. Click Next.

Back Next Finish Cancel

Connection Properties

Define Connection Properties.

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

Database Name: obdx

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

Host Name: whf00bop.in.oracle.com

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

Port: 1521

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

Database User Name: OBDX_OBDX201QTR2

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

Password: *****

Confirm Password: *****

Additional Connection Properties:

oracle.jdbc.DRCPConnectionClass:

- Provide**
Database Name: Database SID
Host Name: Database hostname
Port: Database port Number
Database user Name: OBDX_\${POST_FIX}
Password: Database user password

to take effect.

✓ Activate Changes
Undo All Changes

Domain Structure

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

How do I...

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

System Status

Health of Running Servers as of 12:24 PM

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

✓ Connection test succeeded.

Create a New JDBC Data Source

Test Configuration | Back | Next | Finish | Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

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

Driver Class Name: oracle.jdbc.OracleDriver

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

URL: jdbc:oracle:thin:@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.

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 12:24 PM

Create a New JDBC Data Source

Back | Next | Finish | Cancel

Select Targets

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

Servers

☐ AdminServer

Clusters

☒ obdx_cluster1
☒ All servers in the cluster
☐ Part of the cluster
☐ obdx_server_1

Back | Next | Finish | Cancel

6. Select target as cluster → Finish.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx_domain

Change Center

View changes and restarts

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

✓ Activate Changes
Undo All Changes

Domain Structure

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

How do I...

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

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

Name	Type	JNDI Name	Targets
☐ DIGX	Generic	DIGX	obdx_cluster1
☐ LocalSvcTbdDataSource	Generic	jdbc/LocalSvcTbdDataSource	AdminServer
☐ NONXA	Generic	NONXA	obdx_cluster1
☐ opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
☐ opss-audit-viewOS	Generic	jdbc/AuditViewDataSource	AdminServer
☐ opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
☐ WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New | Delete

Showing 1 to 7 of 7 Previous | Next

2.4 Creating BATCH Data Source

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

1.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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: BATCH

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

Scope: Global

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

JNDI Name: BATCH

What database type would you like to select?

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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 12:30 PM

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

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:

- ### 4. Provide
- Database Name:** Database SID
- Host Name:** Database hostname
- Port:** Database port Number
- Database user Name:** OBDX_\${POST_FIX}
- Password:** Database user password

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Messages

Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

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

Driver Class Name: oracle.jdbc.OracleDriver

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

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

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

Database User Name: OBDX_OBDX2010TR2

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

5. Test Configuration.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

Select Targets

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

Servers

☐ AdminServer

Clusters

☒ obdx_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx_server_1

Back Next Finish Cancel

6. Target Cluster and click **Finish**.

to take effect.

Activate Changes Undo All Changes

Domain Structure

obdx_domain

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

How do I...

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

System Status

Health of Running Servers as of 12:31 PM

Failed (0)

Critical (0)

Configuration Monitoring

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

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

Customize this table

Data Sources (Filtered - More Columns Exist)

Name	Type	JNDI Name	Targets
☐ BATCH	Generic	BATCH	obdx_cluster1
☐ DIGX	Generic	DIGX	obdx_cluster1
☐ LocalSvcTbdDataSource	Generic	jdbc/LocalSvcTbdDataSource	AdminServer
☐ NONXA	Generic	NONXA	obdx_cluster1
☐ opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
☐ opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
☐ opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
☐ WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete

Showing 1 to 8 of 8 Previous Next

New Delete

Showing 1 to 8 of 8 Previous Next

2.5 Creating SYSCONFIG Data Source

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

1.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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 12:32 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

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

* Indicates required fields

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

Name: SYSCONFIG

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

Scope: Global

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

JNDI Name: SYSCONFIG

What database type would you like to select?

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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 12:32 PM

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

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

Database Type: Oracle

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

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

Back Next Finish Cancel

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

Transaction Options

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

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

☐ **Supports Global Transactions**

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

☐ **Logging Last Resource**

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

☐ **Emulate Two-Phase Commit**

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

☒ **One-Phase Commit**

Back Next Finish Cancel

3. Click Next.

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: *****

- Provide**
Database Name: Database SID
Host Name: Database hostname
Port: Database port Number
Database user Name: OBDX_\${POST_FIX}
Password: Database user password

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Messages
Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection
Test the database availability and the connection properties you provided.

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

Driver Class Name: oracle.jdbc.OracleDriver

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

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

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

Database User Name: OBDX_OBDX201QTR2

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

5. Test Configuration.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

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

Servers
☐ AdminServer

Clusters
☒ obdx_cluster1
All servers in the cluster
☐ Part of the cluster
obdx_server_1

Back Next Finish Cancel

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

to take effect.

Activate Changes
Undo All Changes

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

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

System Status
Health of Running Servers as of 12:36 PM
Failed (0)
Critical (0)

Configuration Monitoring

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

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

Customize this table

Data Sources (Filtered - More Columns Exist)

Name	Type	JNDI Name	Targets
☐ BATCH	Generic	BATCH	obdx_cluster1
☐ DIGX	Generic	DIGX	obdx_cluster1
☐ LocalSvcTbdDataSource	Generic	jdbc/LocalSvcTbdDataSource	AdminServer
☐ NONXA	Generic	NONXA	obdx_cluster1
☐ opss-audit-OBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
☐ opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
☐ opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
☐ SYSCONFIG	Generic	SYSCONFIG	obdx_cluster1
☐ WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

New Delete Showing 1 to 9 of 9 Previous Next

2.6 Creating B1A1 Data Source

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

1.

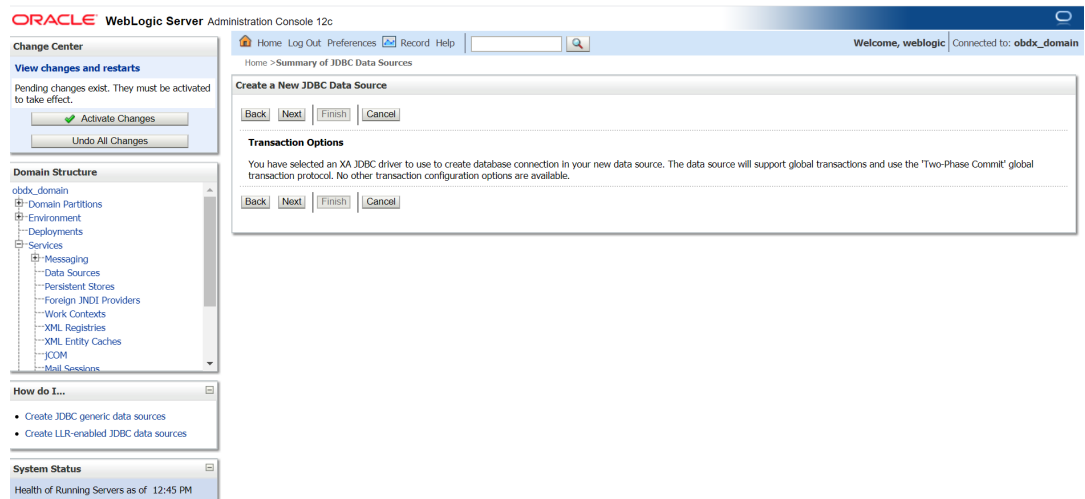
The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is expanded to 'Services' > 'Data Sources'. The 'Change Center' shows 'View changes and restarts' with 'Activate Changes' and 'Undo All Changes' buttons. The main panel displays the 'Create a New JDBC Data Source' wizard. The 'JDBC Data Source Properties' section includes the following fields:

- Name:** B1A1
- Scope:** Global
- JNDI Name:** OBDX_BU_B1A1
- Database Type:** Oracle

2. **Name:** B1A1
JNDI Name : OBDX_BU_B1A1

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is expanded to 'Services' > 'Data Sources'. The 'Change Center' shows 'View changes and restarts' with 'Activate Changes' and 'Undo All Changes' buttons. The main panel displays the 'Create a New JDBC Data Source' wizard. The 'Database Driver' section includes the following fields:

- Database Type:** Oracle
- Database Driver:** Oracle's Driver (Thin XA) for Service connections; Versions:Any



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 12:45 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:

4. Provide

Database Name: Database SID (\$EHMS_DATABASE_SID)

Host Name: Database hostname (\$EHMS_DATABASE_HOSTNAME)

Port: Database port Number (\$EHMS_DATABASE_PORT)

Database user Name: \${ EHMS_SCHEMA_NAME }

Password: Database user \${ EHMS_SCHEMA_NAME } password

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Messages

Connection test succeeded.

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

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

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

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

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

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

Database User Name: B1A1_201DEVQTR2

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

5. Test Configuration.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JDBC Data Sources

Create a New JDBC Data Source

Back Next Finish Cancel

Select Targets

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

Servers

☐ AdminServer

Clusters

☒ obdx_cluster1

☒ All servers in the cluster

☐ Part of the cluster

☐ obdx_server_1

Back Next Finish Cancel

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

to take effect.

Activate Changes Undo All Changes

Domain Structure

obdx_domain

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

How do I...

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

System Status

Health of Running Servers as of 12:51 PM

Failed (0)

Critical (0)

Configuration Monitoring

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

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

Customize this table

Data Sources (Filtered - More Columns Exist)

New Delete Showing 1 to 10 of 10 Previous Next

Name	Type	JNDI Name	Targets
☐ B1A1	Generic	OBDX_BU_B1A1	obdx_cluster1
☐ BATCH	Generic	BATCH	obdx_cluster1
☐ DIGX	Generic	DIGX	obdx_cluster1
☐ LocalSvcTbDataSource	Generic	jdbc/LocalSvcTbDataSource	AdminServer
☐ NONXA	Generic	NONXA	obdx_cluster1
☐ opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer
☐ opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer
☐ opss-data-source	Generic	jdbc/OpssDataSource	AdminServer
☐ SYSCONFIG	Generic	SYSCONFIG	obdx_cluster1
☐ WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	

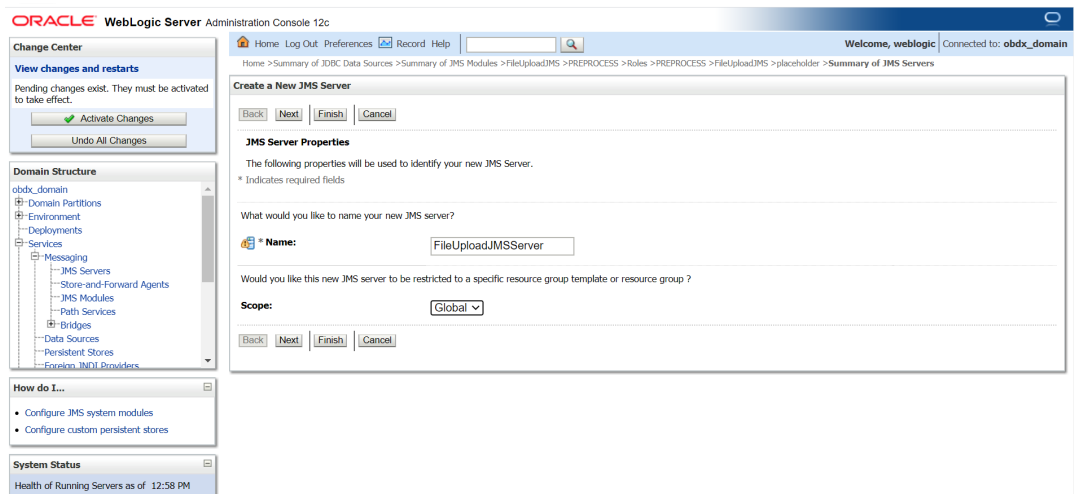
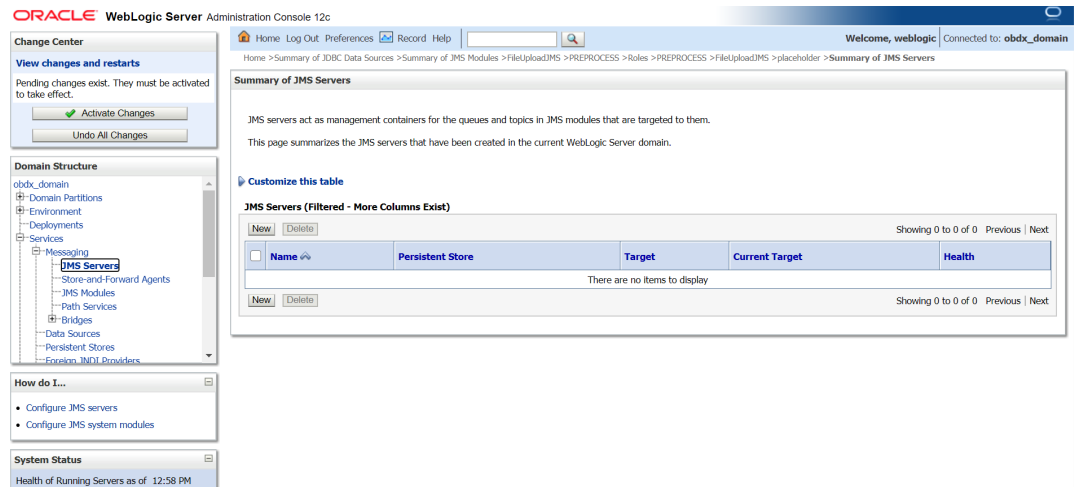
New Delete Showing 1 to 10 of 10 Previous Next

2.7 Create JMS Server and JMS Module

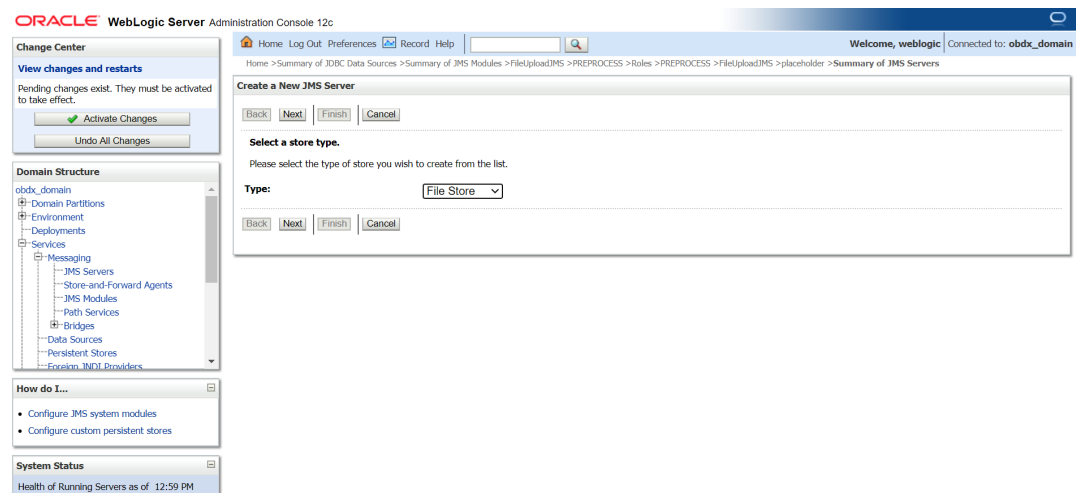
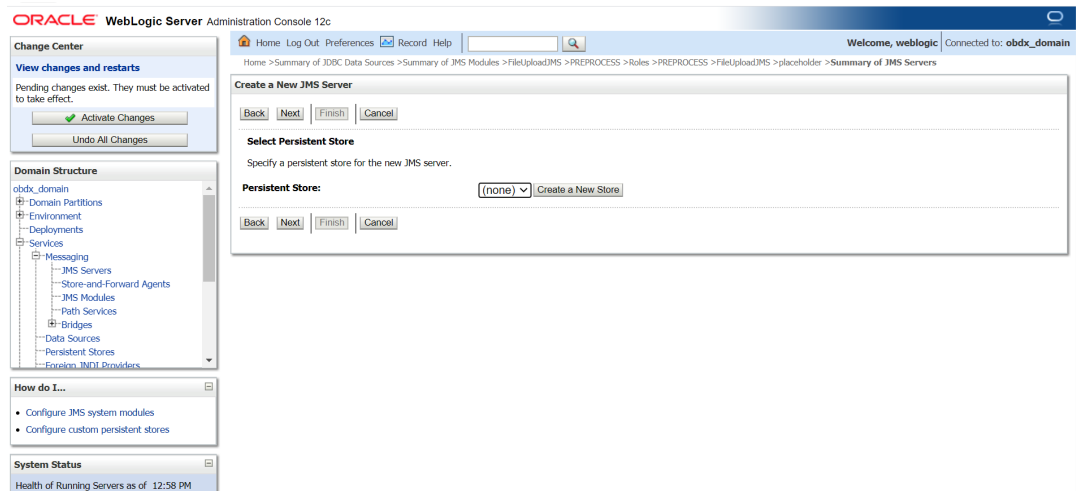
This topic describes the systematic instruction to **Create JMS Server and JMS Module** option.

- Creating FileUploadJMS JSM Module
- Creating WLS_JMS_FILEUPLOAD_PS FileStore
- Creating FileUploadJMSServer JMS Server

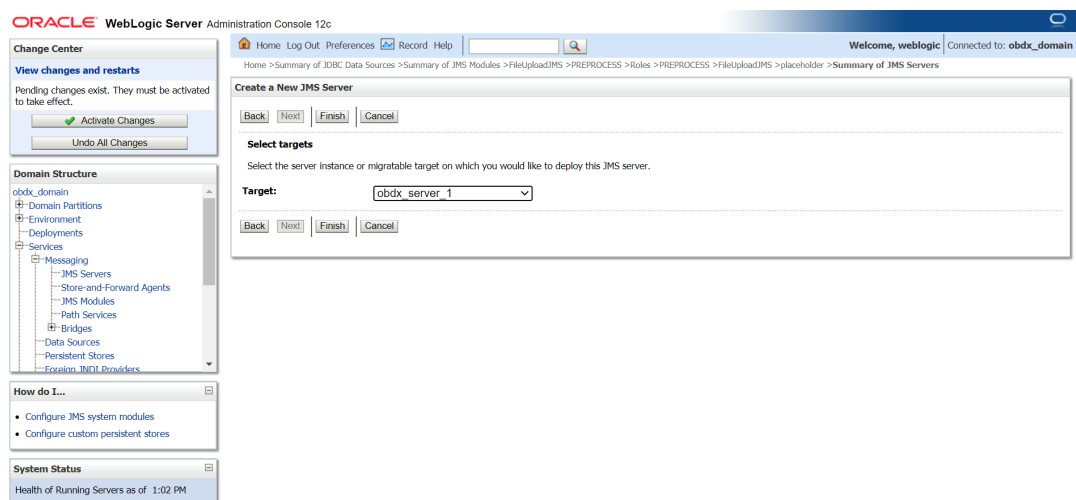
1.



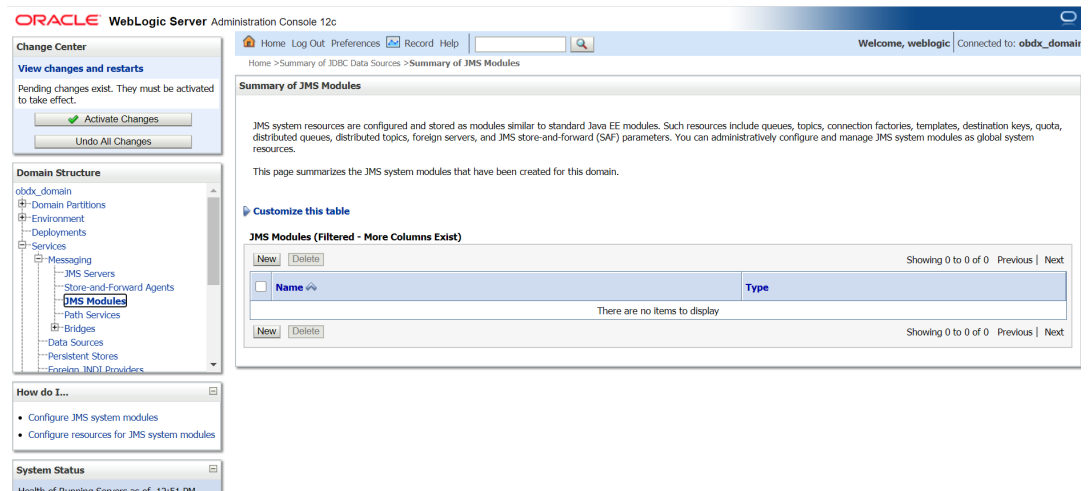
2. Click on JMS Servers → Name – FileUploadJMSServer → Click **Next**.



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



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



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

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 12:51 PM

Back Next Finish Cancel

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

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.

* Indicates required fields

What would you like to name your System Module?

* Name: FileUploadJMS

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

Scope: Global

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

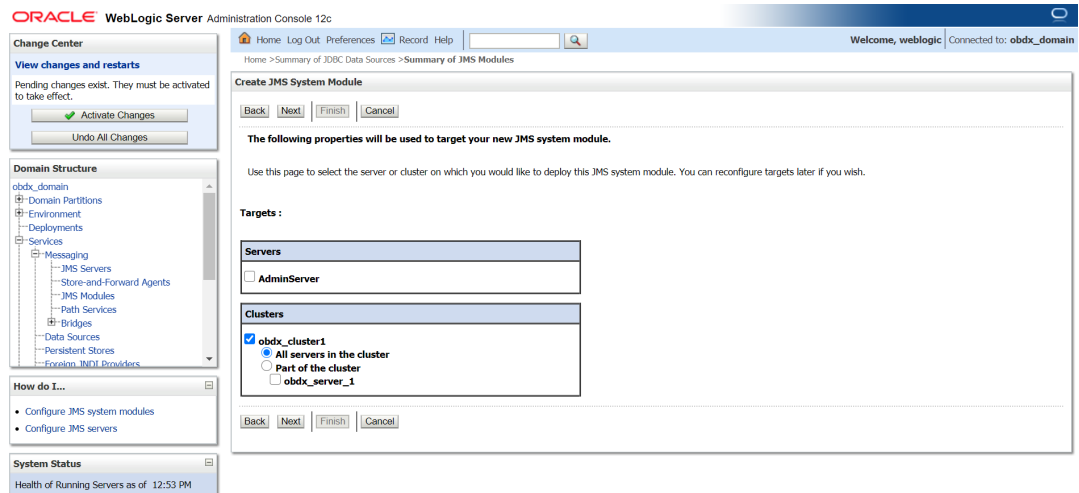
Descriptor File Name: jms/fileuploadjms-jms.xml

Where would you like to place the descriptor for this System Module, relative to the jms configuration sub-directory of your domain?

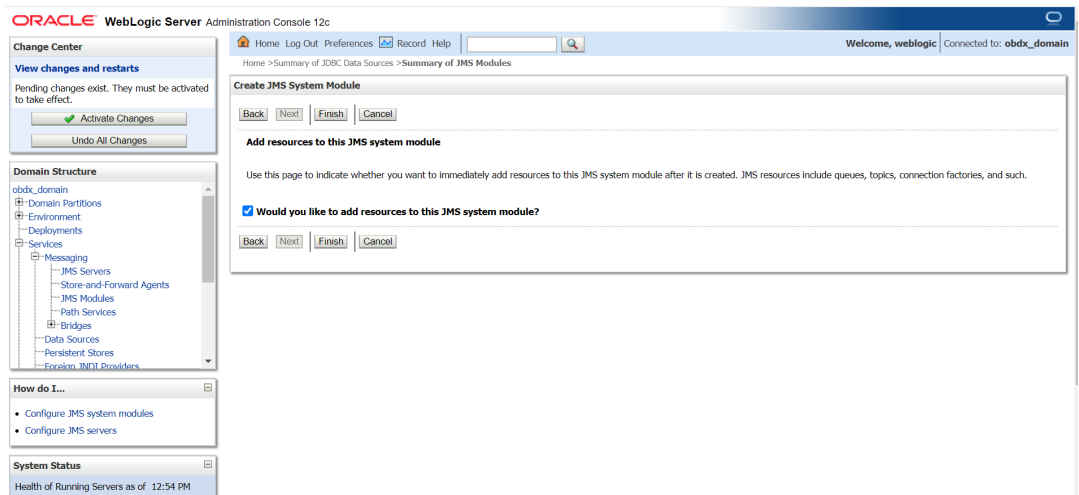
Location In Domain:

Back Next Finish Cancel

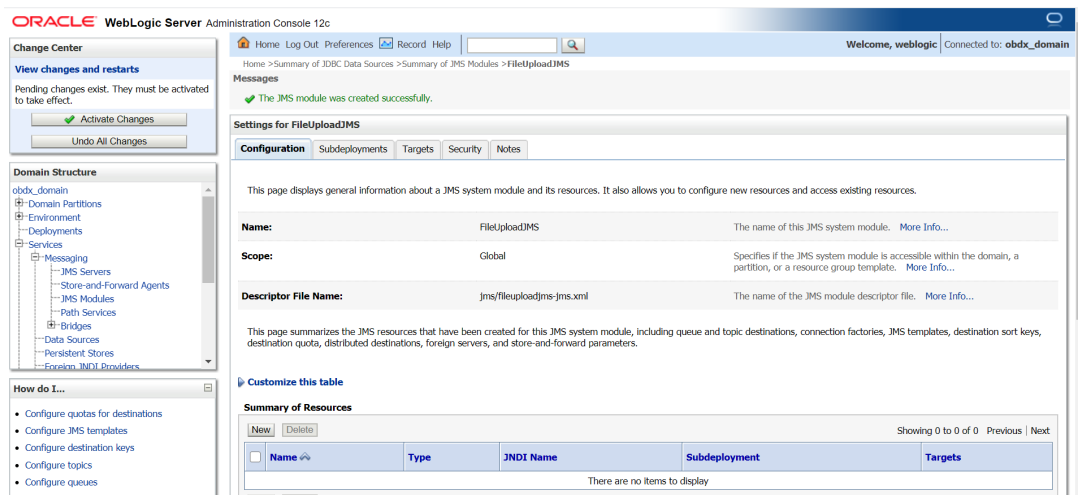
6. **Name** : FileUploadJMS
Scope: Global
Descriptor File Name: jms/fileuploadjms-jms.xml
7. Click **Next**.



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



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



10. Select New.

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

Home > Summary of JDBC Data Sources > 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...](#)

☐ Quota

Controls the allotment of system resources available to destinations. [More Info...](#)

11. Select Distributed Queue and click Next.

ORACLE WebLogic Server Administration Console 12c

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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

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 - JMS Modules
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 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers

How do I...?

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

Home > Summary of JDBC Data Sources > Summary of JMS Modules > FileUploadJMS

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: PREPROCESS

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

JNDI Name: PREPROCESS

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

Destination Type: Uniform

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

Template: None

Back Next Finish Cancel

12. Provide**Name:** PREPROCESS**JNDI Name:** PREPROCESS**Destination Type:** Uniform**Template:** None

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

File Store Properties

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

What would you like to name your new file store?

* **Name:**

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

Scope:

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

Directory:

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes Undo All Changes

Domain Structure

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 - Persistent Stores
 - External WSDL Providers

How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers as of 1:00 PM

13. **Name :** WLS_JMS_FILEUPLOAD_PS
Scope : Global
Directory : /tmp/WLS_JMS_FILEUPLOAD_PS

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

JMS File Store Targets

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

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

Select a server instance for this file store.

Target:

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes Undo All Changes

Domain Structure

obdx_domain

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 - Path Services
 - Bridges
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 - Persistent Stores
 - External WSDL Providers

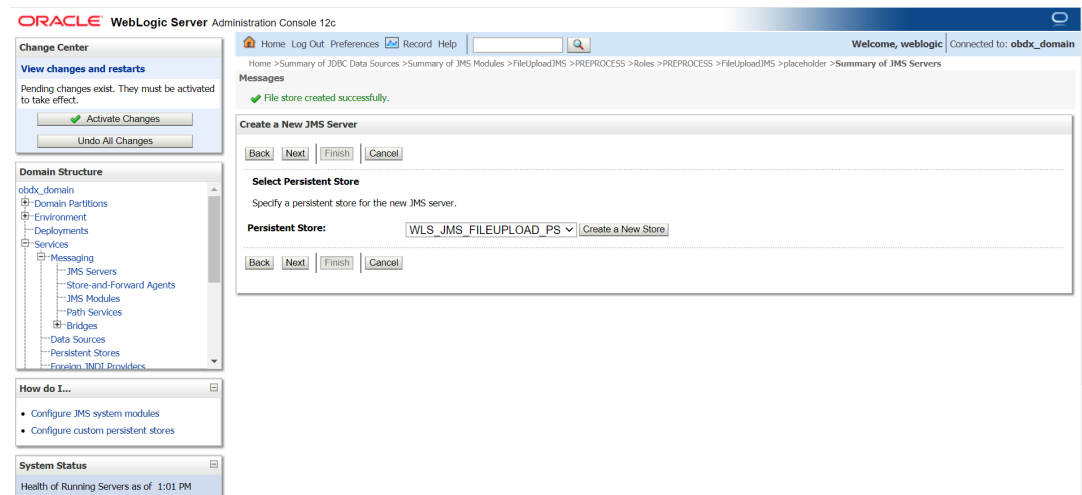
How do I...

- Configure JMS system modules
- Configure custom persistent stores

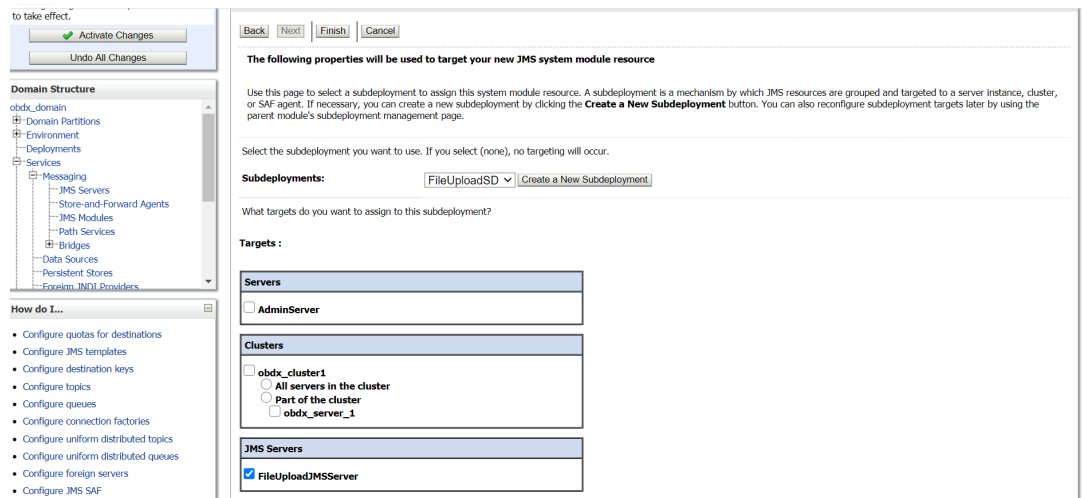
System Status

Health of Running Servers as of 1:00 PM

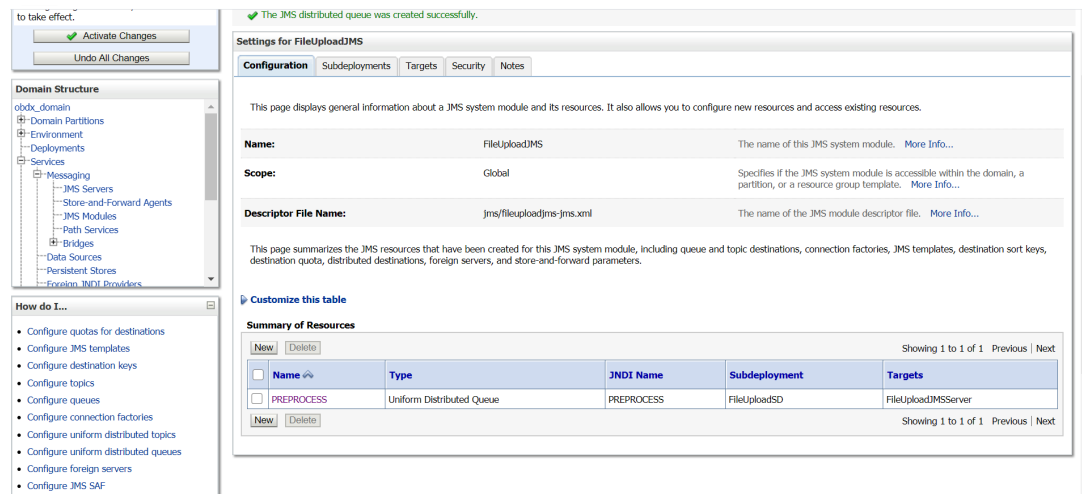
14. Select target as managed server.



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



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



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

ORACLE WebLogic Server Administration Console 12c

Home | Log Out | Preferences | Record | Help

Welcome, weblogic | Connected to: obdx_domain

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

Create a New JMS System Module Resource

Back | Next | Finish | Cancel

Choose the type of resource you want to create.

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

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

☒ Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info...
☐ Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info...
☐ Topic	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info...
☐ Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. More Info...
☐ Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info...
☐ Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info...

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

to take effect.

Activate Changes | Undo All Changes

Domain Structure

obdx_domain

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 - 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:** OCF

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

JNDI Name: OCF

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

Subscription Sharing Policy: Exclusive

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

Client ID Policy: Restricted

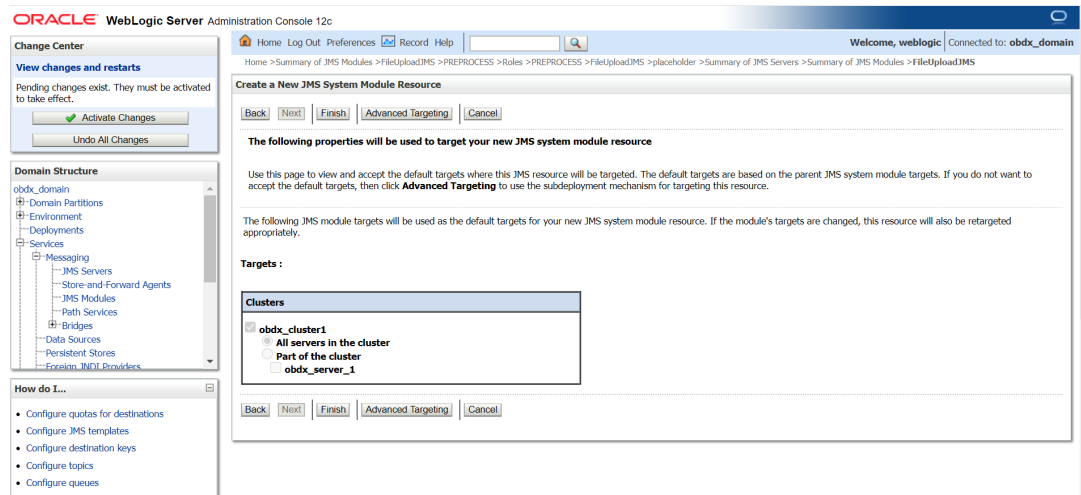
A connection factory can limit the number of messages that can be queued for an asynchronous session. Should this connection factory impose a limit?

Maximum Messages per Session: 10

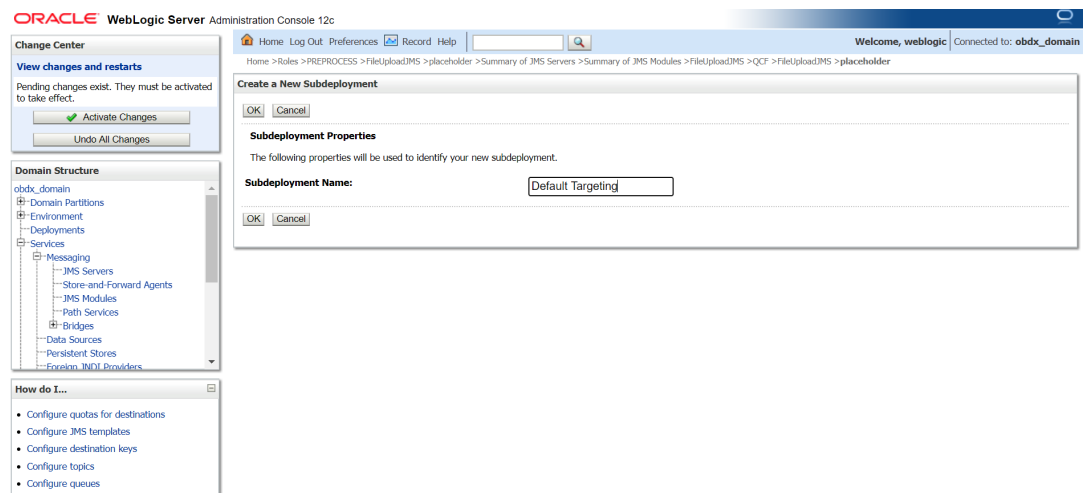
Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?

☒ **XA Connection Factory Enabled**

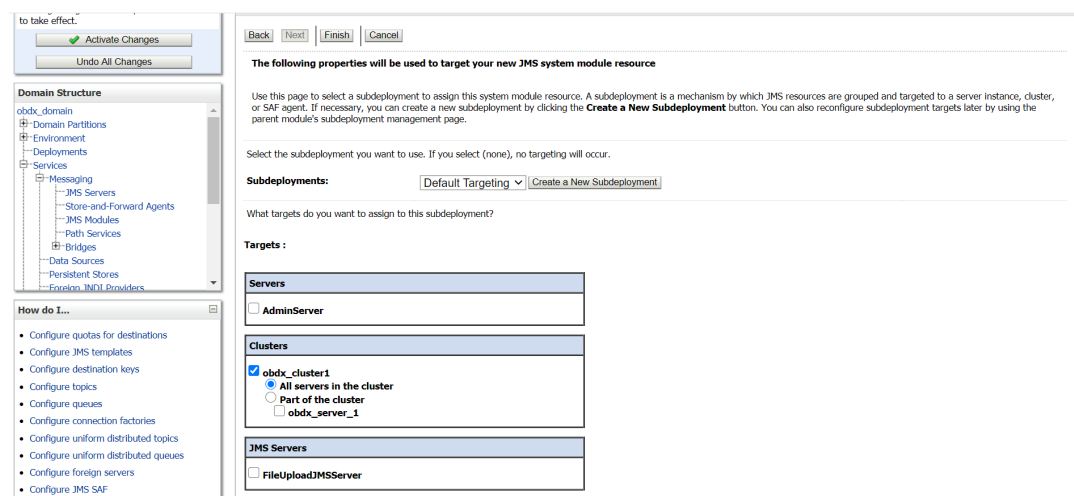
20. **Provide**
- Name : OCF**
- JNDI Name : OCF**
- Subscription Sharing Policy : Exclusive**
- Client ID Policy : Restricted**



21. Click on Advanced targeting.



22. Provide Subdeployment Name as Default Targeting.



23. Select cluster and click Finish.

to take effect.

✓ Activate Changes
Undo All Changes

Domain Structure

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How do I...

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

✓ Connection factory created successfully.

Settings for FileUploadJMS

Configuration Subdeployments Targets Security Notes

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

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

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

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

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

Customize this table

Summary of Resources

New Delete Showing 1 to 2 of 2 Previous Next

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

New Delete Showing 1 to 2 of 2 Previous Next

24. Go to FileUpload JMS and click New.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: obdx_domain

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

Change Center

View changes and restarts

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

✓ Activate Changes
Undo All Changes

Domain Structure

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 - Foreign JNDI Providers

How do I...

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

Create a New JMS System Module Resource

Back Next Finish Cancel

Choose the type of resource you want to create.

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

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

- ☐ **Connection Factory** Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)
- ☐ **Queue** Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. [More Info...](#)
- ☐ **Topic** Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)
- ☒ **Distributed Queue** Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. [More Info...](#)
- ☐ **Distributed Topic** Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)
- ☐ **Foreign Server** Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. [More Info...](#)

25. Select Distributed Queue.

ORACLE WebLogic Server Administration Console 12c

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Change Center

View changes and restarts

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

✓ Activate Changes
Undo All Changes

Domain Structure

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How do I...

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

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Distributed Destination Properties

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

* Indicates required fields

What would you like to name your new destination?

* **Name:** RAPPROVAL

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

JNDI Name: RAPPROVAL

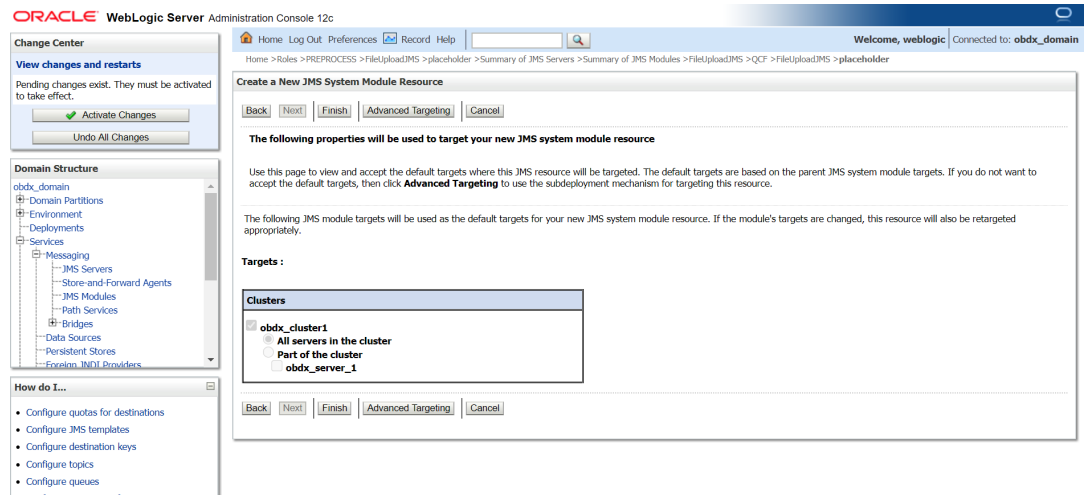
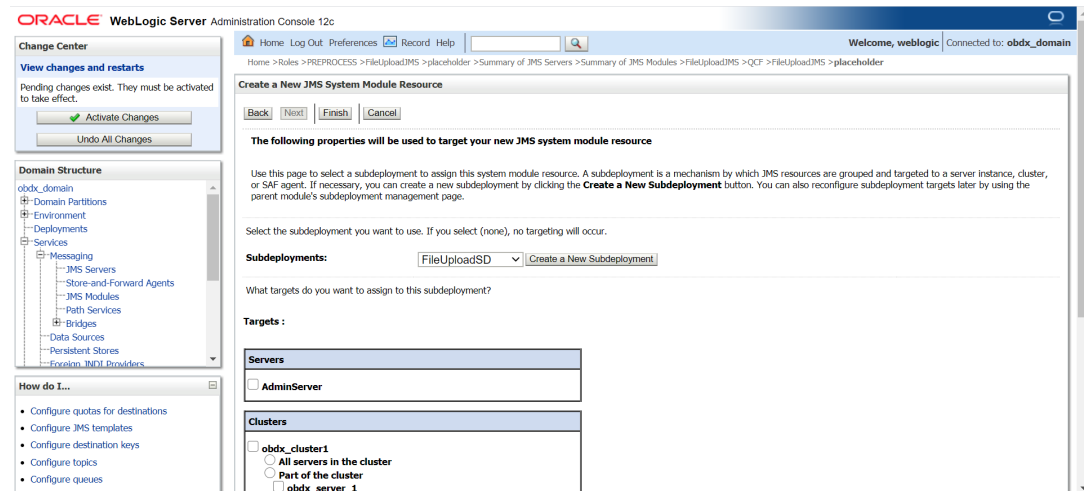
Queue members may be either created uniformly from a common configuration, or created and weighted individually to fine tune performance. How would you like to create queue members?

Destination Type: Uniform

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

Template: None

Back Next Finish Cancel

26. Provide**Name :** RAPPROVAL**JNDI Name :** RAPPROVAL**Destination Type:** Uniform**Template :** None**27. Select Advance targeting.****28. Select Subdeployment: FileUploadSD.**

What targets do you want to assign to this subdeployment?

Targets:

Servers

☐ AdminServer

Clusters

☐ obdx_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx_server_1

JMS Servers

☒ FileUploadJMSServer

Back Next Finish Cancel

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

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

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

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

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

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

Customize this table

Summary of Resources

Showing 1 to 3 of 3 Previous Next

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

Showing 1 to 3 of 3 Previous Next

2.8 Creating WLS_JMS_AUDIT_PS FileStore

2.9 Creating AuditJMSServer JMS Server

2.10 Creating WLS_JMS_REPORT_PS FileStore

This topic describes the systematic instruction to **Creating WLS_JMS_REPORT_PS FileStore** option.

1.

ORACLE WebLogic Server Administration Console 12c

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

Create a New JMS Server

Back Next Finish Cancel

JMS Server Properties

The following properties will be used to identify your new JMS Server.

* Indicates required fields

What would you like to name your new JMS server?

Name: AuditJMSServer

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

Scope: Global

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

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 - Foreign JNDI Providers

How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers as of 2:05 PM

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

Select Persistent Store

Specify a persistent store for the new JMS server.

Persistent Store: (none) Create a New Store

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

Domain Structure

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How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers as of 2:06 PM

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

Select a store type

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

Type: File Store

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

Domain Structure

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How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers as of 2:06 PM

5. Select File Store.

ORACLE WebLogic Server Administration Console 12c

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Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

File Store Properties

The following properties will be used to identify your new file store.

* Indicates required fields

What would you like to name your new file store?

* Name:

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

Scope:

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

Directory:

Back Next Finish Cancel

6. Provide
Name : WLS_JMS_AUDIT_PS.
Scope : Global
Directory : /tmp/WLS_JMS_AUDIT_PS.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Create a New JMS Server

Back Next Finish Cancel

JMS File Store Targets

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

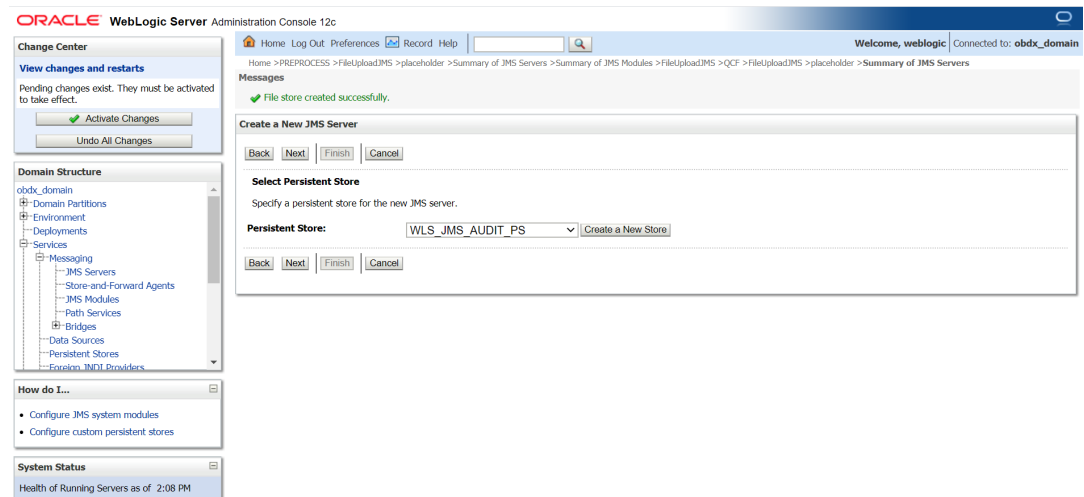
When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ensures that if the deployment fails for one active server, it fails for all active servers.

Select a server instance for this file store.

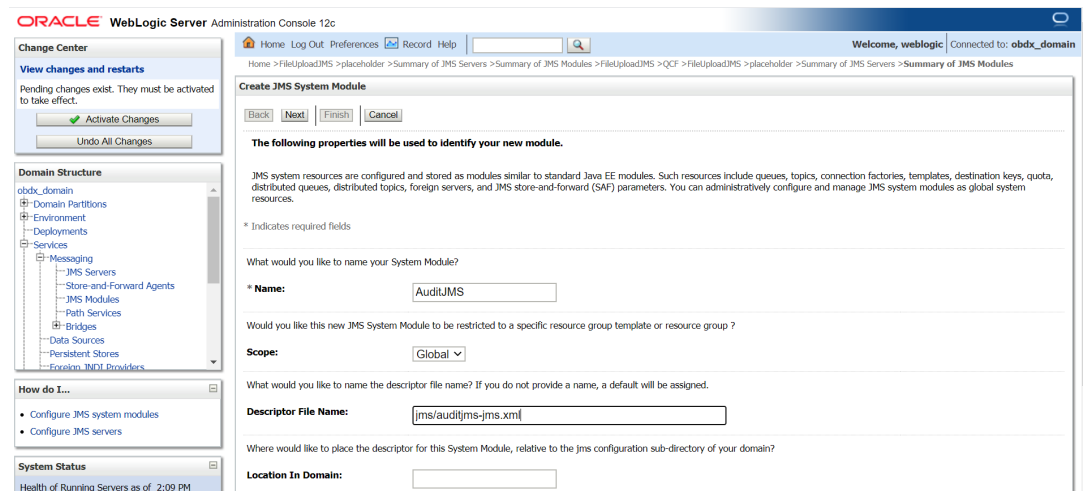
Target:

Back Next Finish Cancel

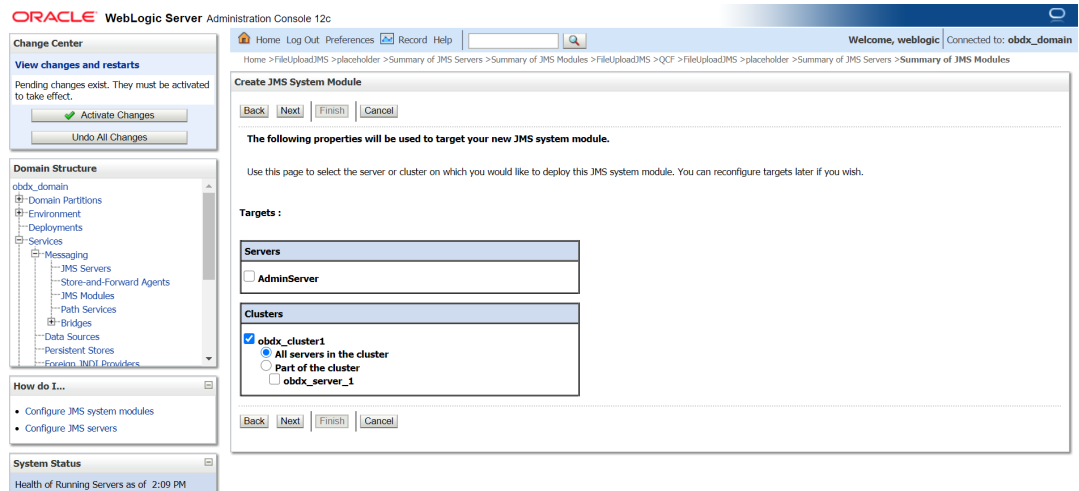
7. Select Target as managed server and click **Finish**.



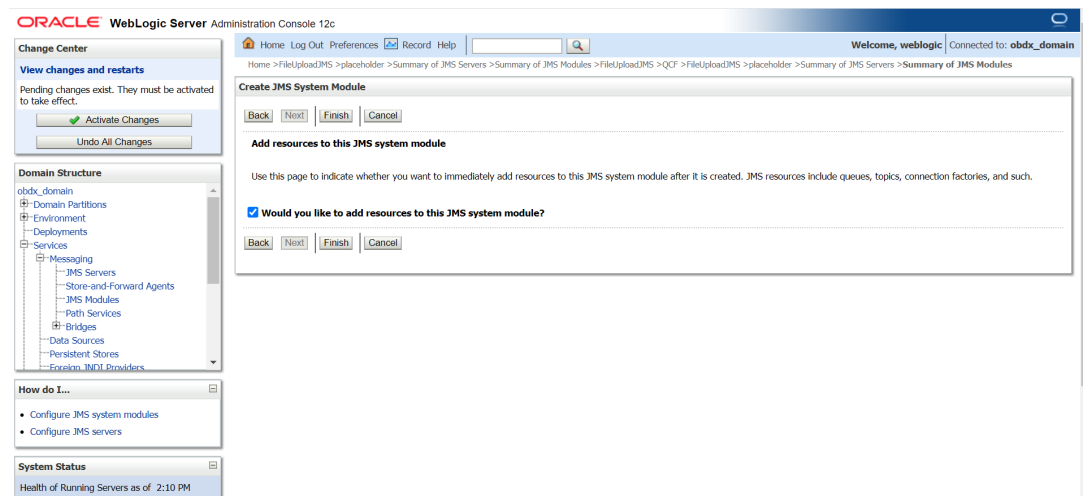
8. Select the new store created WLS_JMS_AUDIT_PS and click **Next**.



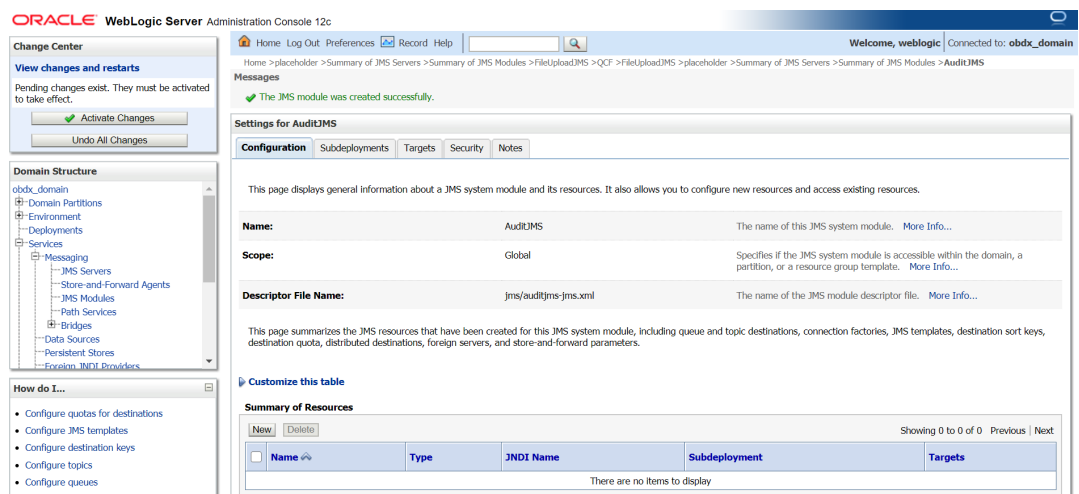
9. Provide
- Name :** AuditJMS
- Scope :** Global
- Descriptor File Name:** jms/auditjms-jms.xml



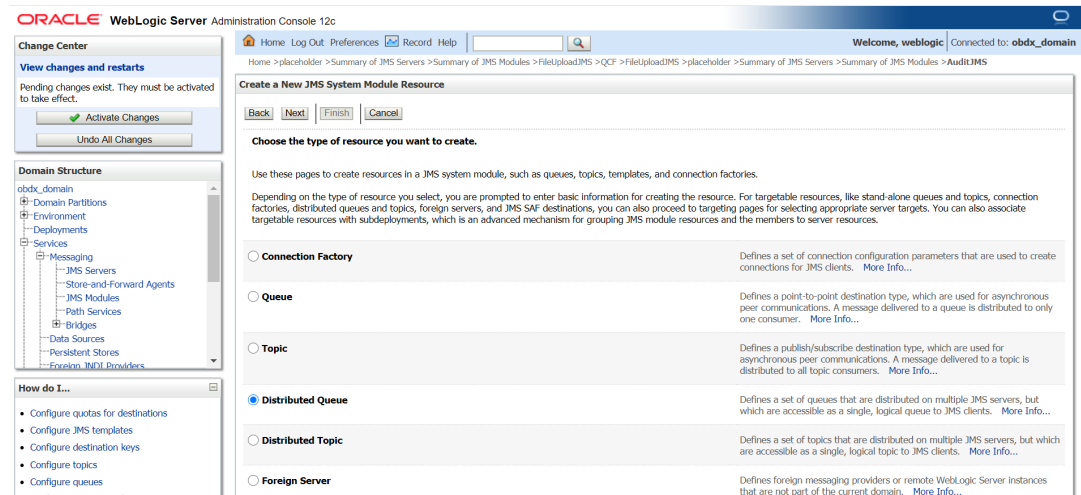
10. Select Cluster as a target.



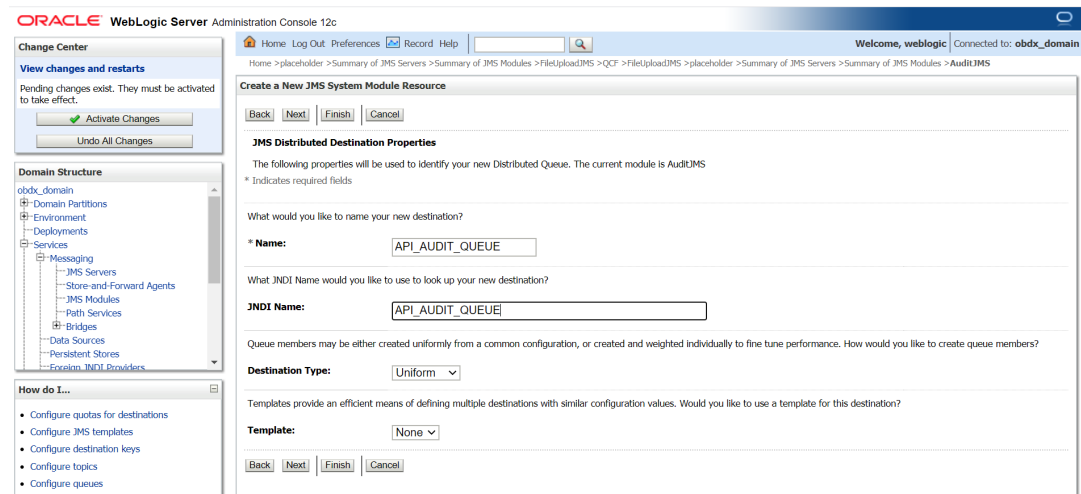
11. Select would you like to add resource to this JMS system module?.



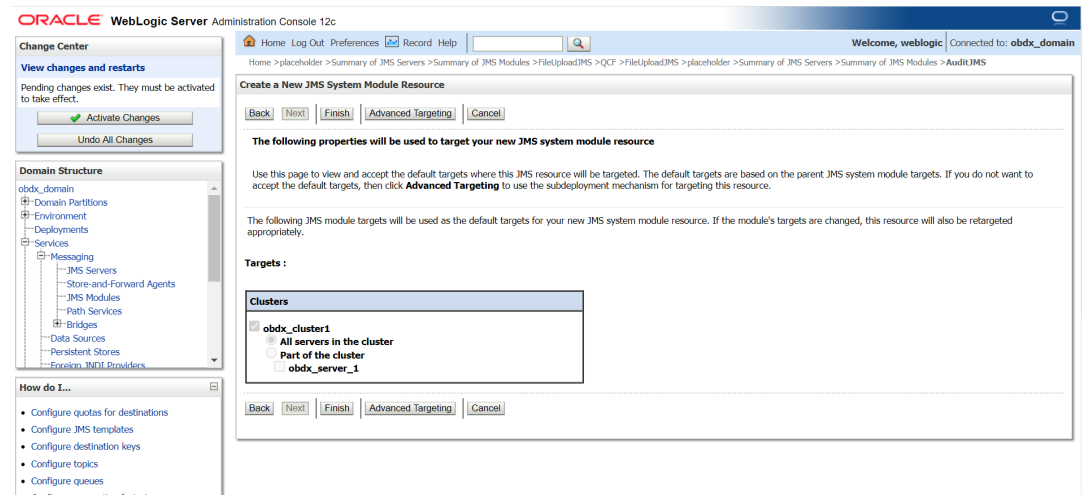
12. Click New.



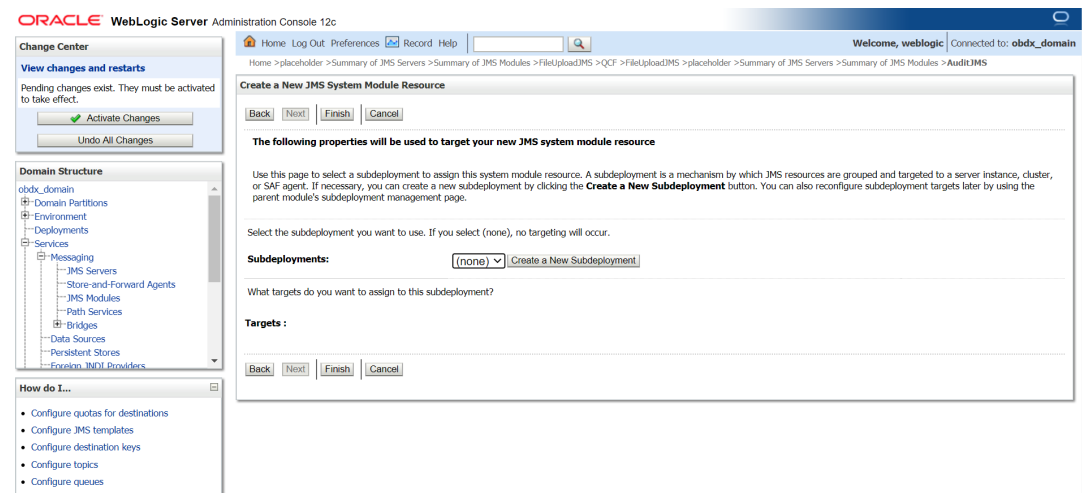
13. Select Distributed Queue.



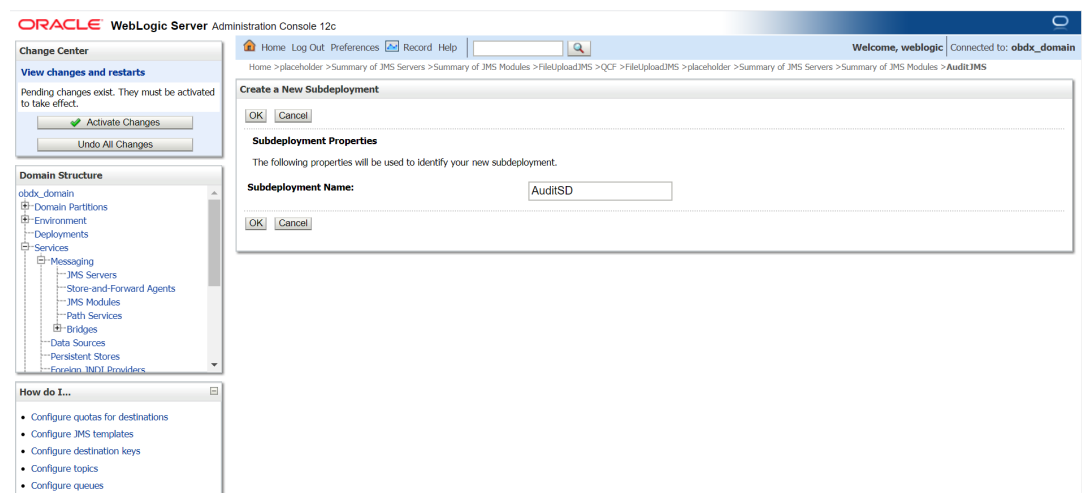
14. Provide:
- Name:** API_AUDIT_QUEUE
- JNDI Name:** API_AUDIT_QUEUE
- Destination Type :** Uniform
- Template:-** None



15. Select Advance targeting.



16. Click on Create a New Subdeployment.



17. Provide Subdeployment Name as AuditSD.

Use this page to create subdeployments to target the system module resources. Subdeployments are a mechanism by which to reference and group sub-deployed resources in a hierarchical manner, 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	
☐	AdminServer

Clusters	
☐	obdx_cluster1
☐	All servers in the cluster
☐	Part of the cluster
☐	obdx_server_1

JMS Servers	
☒	AuditJMSServer
☐	FileUploadJMSServer

Back Next Finish Cancel

18. Select Target as AuditJMSServer.

ORACLE WebLogic Server Administration Console 12c

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

Welcome, weblogic Connected to: obdx_domain

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Distributed Destination Properties

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

* Indicates required fields

What would you like to name your new destination?

*** Name:** AUDIT_QUEUE

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

JNDI Name: AUDIT_QUEUE

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

Destination Type: Uniform

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

Template: None

Back Next Finish Cancel

ORACLE WebLogic Server Administration Console 12c

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

Welcome, weblogic Connected to: obdx_domain

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	
☒	obdx_cluster1
☐	All servers in the cluster
☐	Part of the cluster
☐	obdx_server_1

Back Next Finish Advanced Targeting Cancel

to take effect.

Domain Structure

obdx_domain

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

How do I...

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

Back | Next | Finish | Cancel

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

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

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

Subdeployments:

What targets do you want to assign to this subdeployment?

Targets :

Servers

☐ AdminServer

Clusters

☐ obdx_cluster1

☐ All servers in the cluster

☐ Part of the cluster

☐ obdx_server_1

JMS Servers

☒ AuditJMSServer

ORACLE® WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > placholder > Summary of JMS Servers > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placholder > 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.

☐ Connection Factory

Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)

☐ Queue

Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. [More Info...](#)

☐ Topic

Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)

☒ Distributed Queue

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

☐ Distributed Topic

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

☐ Foreign Server

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

ORACLE® WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

Home > Summary of JMS Modules > FileUploadJMS > QCF > FileUploadJMS > placholder > 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.

☒ Connection Factory

Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)

☐ Queue

Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. [More Info...](#)

☐ Topic

Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)

☐ Distributed Queue

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

☐ Distributed Topic

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

☐ Foreign Server

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

19. Click on connection Factory.

to take effect.

Domain Structure

obdx_domain

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

How do I...?

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

Connection Factory Properties

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

* Indicates required fields

What would you like to name your new connection factory?

* **Name:**

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

JNDI Name:

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

Subscription Sharing Policy:

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

Client ID Policy:

A connection factory can limit the number of messages that can 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**

20. Provide

Name : AUDITQCF

JNDI Name : AUDITQCF

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Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Change Center

View changes and restarts

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

Domain Structure

obdx_domain

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

How do I...?

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

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.

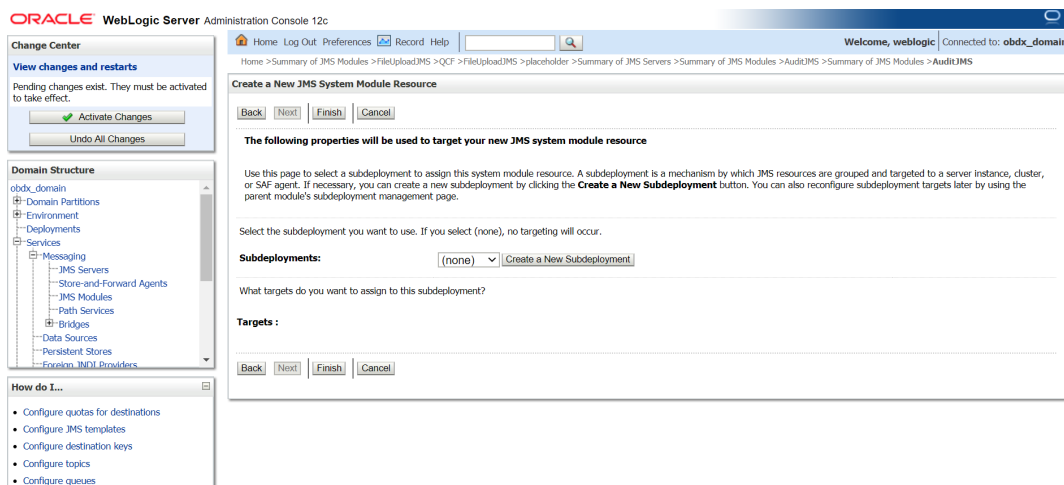
The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.

Targets :

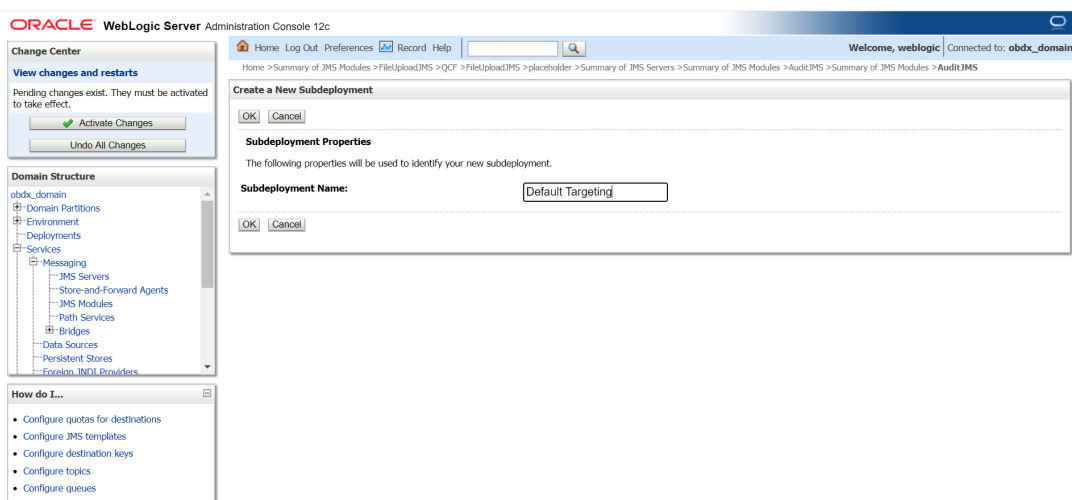
Clusters

- ☒ obdx_cluster1
 - ☐ All servers in the cluster
 - ☐ Part of the cluster
 -

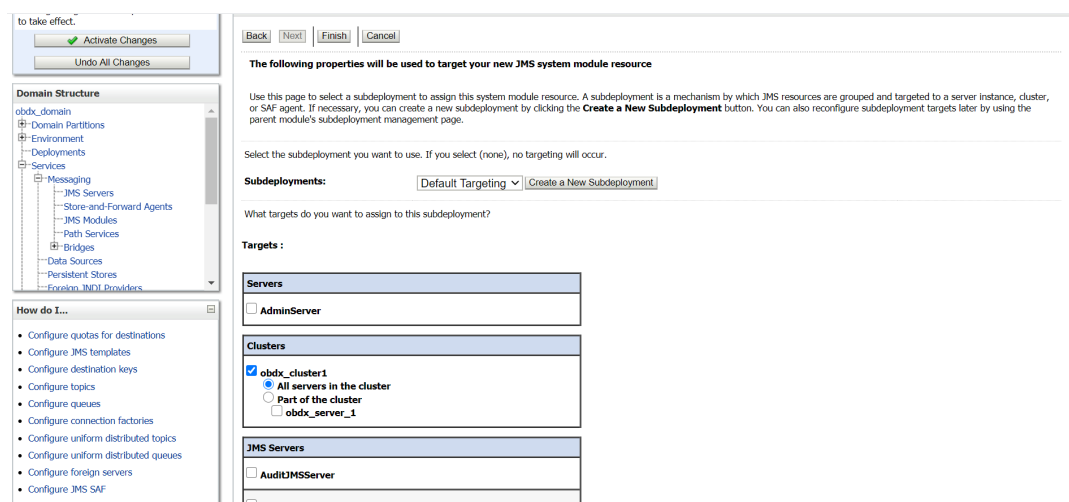
21. Click on Advanced Targeting.



22. Click on Create a New Subdeployment.



23. Give Subdeployment Name as Default Targeting.



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

to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdx_domain

- Domain Partitions
- Environment
- Deployments
- Services
 - Messageing
 - 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

Showing 1 to 3 of 3 Previous Next

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

Showing 1 to 3 of 3 Previous Next

2.11 Creating ReportsJMSServer JMS Server

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

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

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Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Messages

JMS server created successfully

Summary of JMS Servers

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

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

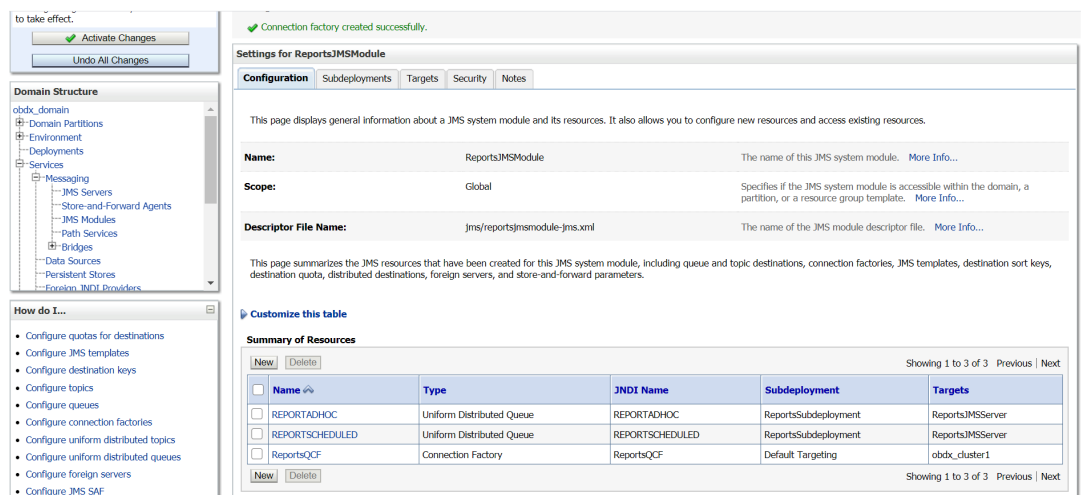
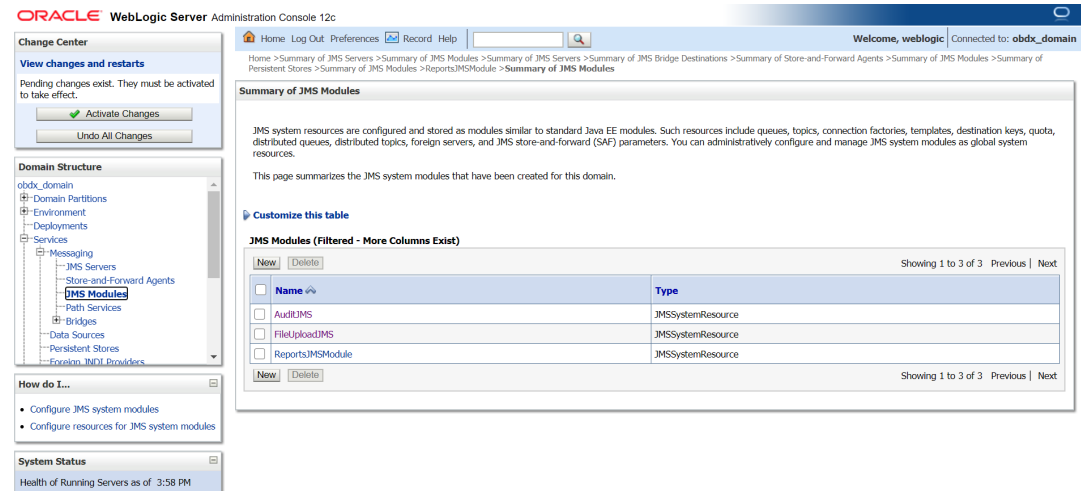
Customize this table

JMS Servers (Filtered - More Columns Exist)

Showing 1 to 3 of 3 Previous Next

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

Showing 1 to 3 of 3 Previous Next



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

2.12 Creating jpa-cache JMS Server

2.13 Creating WLS_JPA_PS FileStore

This topic describes the systematic instruction to **Creating WLS_JPA_PS FileStore** option.

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

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Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Messages

✓ JMS server created successfully

Summary of JMS Servers

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

Customize this table

JMS Servers (Filtered - More Columns Exist)

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

Showing 1 to 4 of 4 Previous | Next

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Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_domain

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

Summary of JMS Modules

JMS system resources are configured and stored as modules similar to standard Java EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources. This page summarizes the JMS system modules that have been created for this domain.

Customize this table

JMS Modules (Filtered - More Columns Exist)

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

Showing 1 to 4 of 4 Previous | Next

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

Settings for jpa-cache

Configuration Subdeployments Targets Security Notes

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

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

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

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

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

Customize this table

Summary of Resources

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

Showing 1 to 2 of 2 Previous | Next

2.14 Creating ExtSystemReceiver JMS Server - WLS_JMS_EXTSYSRECEIVER_PS FileStore

This topic describes the systematic instruction to **Creating ExtSystemReceiver JMS Server - WLS_JMS_EXTSYSRECEIVER_PS FileStore** option.

1. Create ExtSystemReceiver JMS Server Persistent store file store as WLS_JMS_EXTSYSRECEIVER_PS as show in below screen shot.

The screenshot displays the Oracle WebLogic Console interface. On the left, the 'Domain Structure' tree shows the hierarchy: obdx_domain > Domain Partitions > Environment > Deployments > Services > Messaging > JMS Servers. The 'JMS Servers' node is selected. Below the tree, the 'How do I...' section lists 'Configure JMS servers' and 'Configure JMS system modules'. The 'System Status' section shows 'Health of Running Servers as of 3:32 PM' with a green bar indicating 'OK (1)'. The main content area shows a green message: 'JMS server created successfully'. Below this is the 'Summary of JMS Servers' section, which includes a table of JMS Servers.

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

2. Create ExtSystemReceiver JMS Module as below.

The screenshot displays the Oracle WebLogic Console interface. On the left, the 'Domain Structure' tree shows the hierarchy: obdx_domain > Domain Partitions > Environment > Deployments > Services > Messaging > JMS Servers > JMS Modules. The 'JMS Modules' node is selected. Below the tree, the 'How do I...' section lists 'Configure JMS system modules' and 'Configure resources for JMS system modules'. The 'System Status' section shows 'Health of Running Servers as of 4:16 PM' with a green bar indicating 'OK (1)'. The main content area shows a green message: 'JMS system resources are configured and stored as modules similar to standard Java EE modules...'. Below this is the 'Summary of JMS Modules' section, which includes a table of JMS Modules.

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

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

How do I...

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

to take effect.

The JMS distributed queue was created successfully.

Settings for ExtSystemReceiver

Configuration Subdeployments Targets Security Notes

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

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

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

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

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

Customize this table

Summary of Resources

New Delete Showing 1 to 2 of 2 Previous Next

☐	Name ↕	Type	JNDI Name	Subdeployment	Targets
☐	ExtSystemReceiverQCF	Connection Factory	ExtSystemReceiverQCF	Default Targeting	obdx_cluster1
☐	ExtSystemReceiverQueue	Uniform Distributed Queue	ExtSystemReceiverQueue	ExtSystemReceiverSub	ExtSystemReceiver

New Delete Showing 1 to 2 of 2 Previous Next

2.15 Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS_JMS_EXTSYSSENDER_PS

This topic describes the systematic instruction to **Creating ExtSystemSender JMS Server Persistent Store FileStore as WLS_JMS_EXTSYSSENDER_PS** option.

1. As show below create JMS Server ExtSystemSender.

to take effect.

Activate Changes
Undo All Changes

Domain Structure

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

How do I...

- Configure JMS servers
- Configure JMS system modules

System Status

Health of Running Servers as of 3:33 PM

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

to take effect.

JMS server created successfully

Summary of JMS Servers

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

Customize this table

JMS Servers (Filtered - More Columns Exist)

New Delete Showing 1 to 6 of 6 Previous Next

☐	Name ↕	Persistent Store	Target	Current Target	Health
☐	AuditJMSServer	WLS_JMS_AUDIT_PS	obdx_server_1	obdx_server_1	
☐	ExtSystemReceiver	WLS_JMS_EXTSYSSRECEIVER_PS	obdx_server_1	obdx_server_1	
☐	ExtSystemSender	WLS_JMS_EXTSYSSENDER_PS	obdx_server_1	obdx_server_1	
☐	FileUploadJMSServer	WLS_JMS_FILEUPLOAD_PS	obdx_server_1	obdx_server_1	
☐	jpa-cache	WLS_JPA_PS	obdx_server_1	obdx_server_1	
☐	ReportsJMSServer	WLS_JMS_REPORT_PS	obdx_server_1	obdx_server_1	

New Delete Showing 1 to 6 of 6 Previous Next

2. Create ExtSystemSender JMS Module.

Oracle WebLogic Server Administration Console 12c

Home > Summary of Persistent Stores > Summary of JMS Modules > ReportsJMSModule > Summary of JMS Modules > jpa-cache > Summary of JMS Modules > ExtSystemReceiver > Summary of JMS Modules > ExtSystemSender > 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, 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

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

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: ExtSystemSender 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/extsystemsender-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
ExtSystemSenderQCF	Connection Factory	ExtSystemSenderQCF	Default Targeting	obdx_cluster1
ExtSystemSenderQueue	Uniform Distributed Queue	ExtSystemSenderQueue	ExtSystemSenderSub	ExtSystemSender

2.16 Creating UBSForeignServer JMS Server

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

-

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 4:24 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)

Showing 1 to 7 of 7 Previous | Next

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

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

to take effect.

Activate Changes

Undo All Changes

Domain Structure

obdx_domain

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

How do I...

- Configure 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 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

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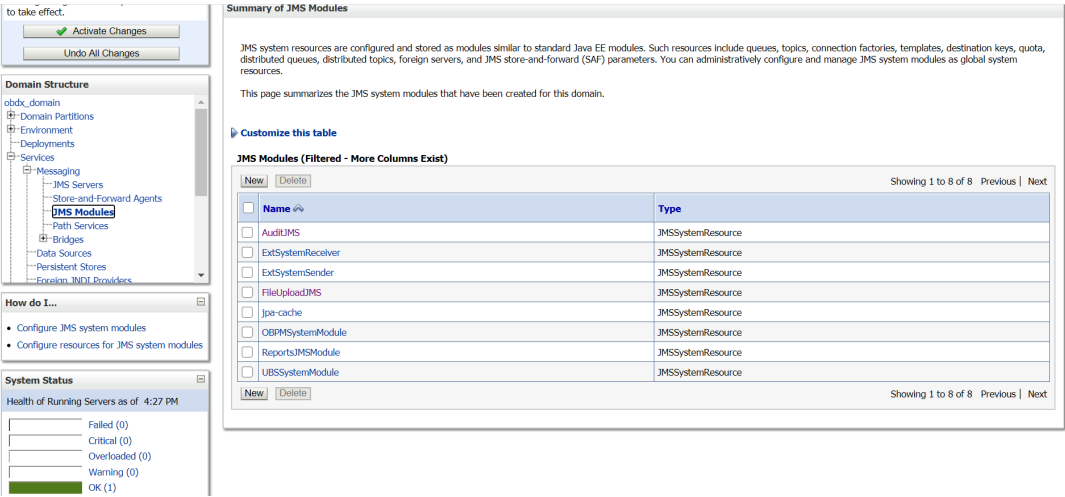
Name	Type	JNDI Name	Subdeployment	Targets
☐ UBSForeignServer	Foreign Server	N/A	UBSSubdeployment	obdx_cluster1

Showing 1 to 1 of 1 Previous | Next

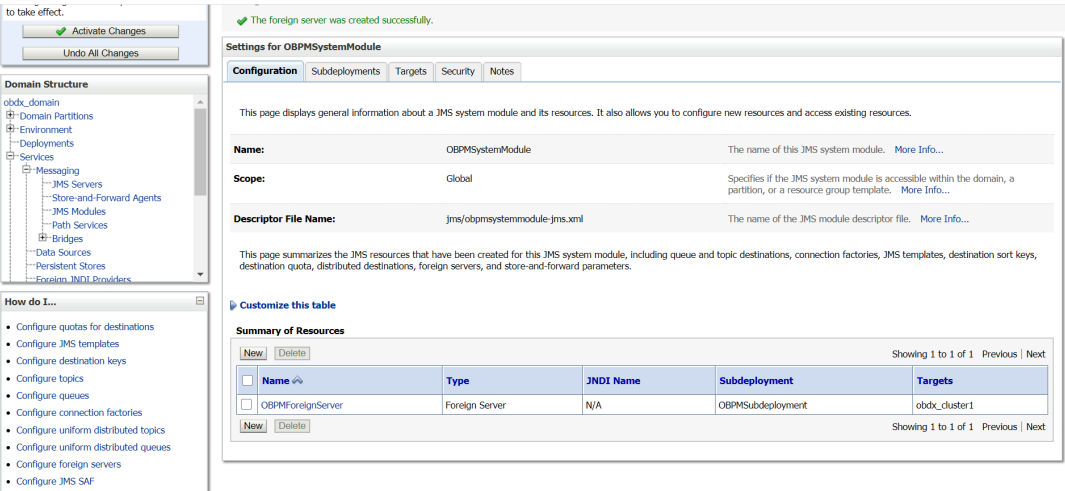
2.17 Creating OBPMForeignServer JMS Server

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

- In JMSModule create OBPMSystemModule.



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



3

Deploying Applications

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

Deployment of Lib and Wars

Wars and Libs which are independent are present in path-

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

available in

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

Please refer below XML

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

```

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

```

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

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

4

Configured jps-config.xml

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

Update the jps-config.xml

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

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

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

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

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

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

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

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


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