

Oracle FLEXCUBE Direct Banking

JMS Queue Creation On
Weblogic Application Server
Release 12.0.3.0.0

Part No. E52543-01

April 2014

ORACLE®

JMS Queue Creation On Weblogic Application Server
April 2014

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1. Preface

1.1. Intended Audience

This document is primarily targeted at

- Oracle FLEXCUBE Direct Banking Development Teams
- Oracle FLEXCUBE Direct Banking Implementation Teams
- Oracle FLEXCUBE Direct Banking Implementation Partners

1.2. 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>.

1.3. Access to OFSS Support

<https://support.us.oracle.com>

1.4. Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual

Application Server Configuration provides information on Creating a JMS Serve,configuring JMS Module, Creating a Sub deployment, Queue and Creating Queue Connection Factory.

1.5. Related Information Sources

For more information on Oracle FLEXCUBE Direct Banking Release 12.0.3.0.0, refer to the following documents:

- Oracle FLEXCUBE Direct Banking Licensing Guide

2.Abbreviations

FCDB	Oracle FLEXCUBE Direct Banking
Java EE / JEE	Java Enterprise Edition
Java SE / JSE	Java 2 Standard Edition
DBA	Database Administrator
JDK	Java Development Kit

3.Pre- requisites

1. All the software requirements mentioned in the sheet
"Oracle_FLEXCUBE_Direct_Banking_Software_Stack" must be installed.
2. Oracle FLEXCUBE Direct Banking application is installed successfully using Oracle FCDB
Installer.
3. Oracle Weblogic application Server is installed.

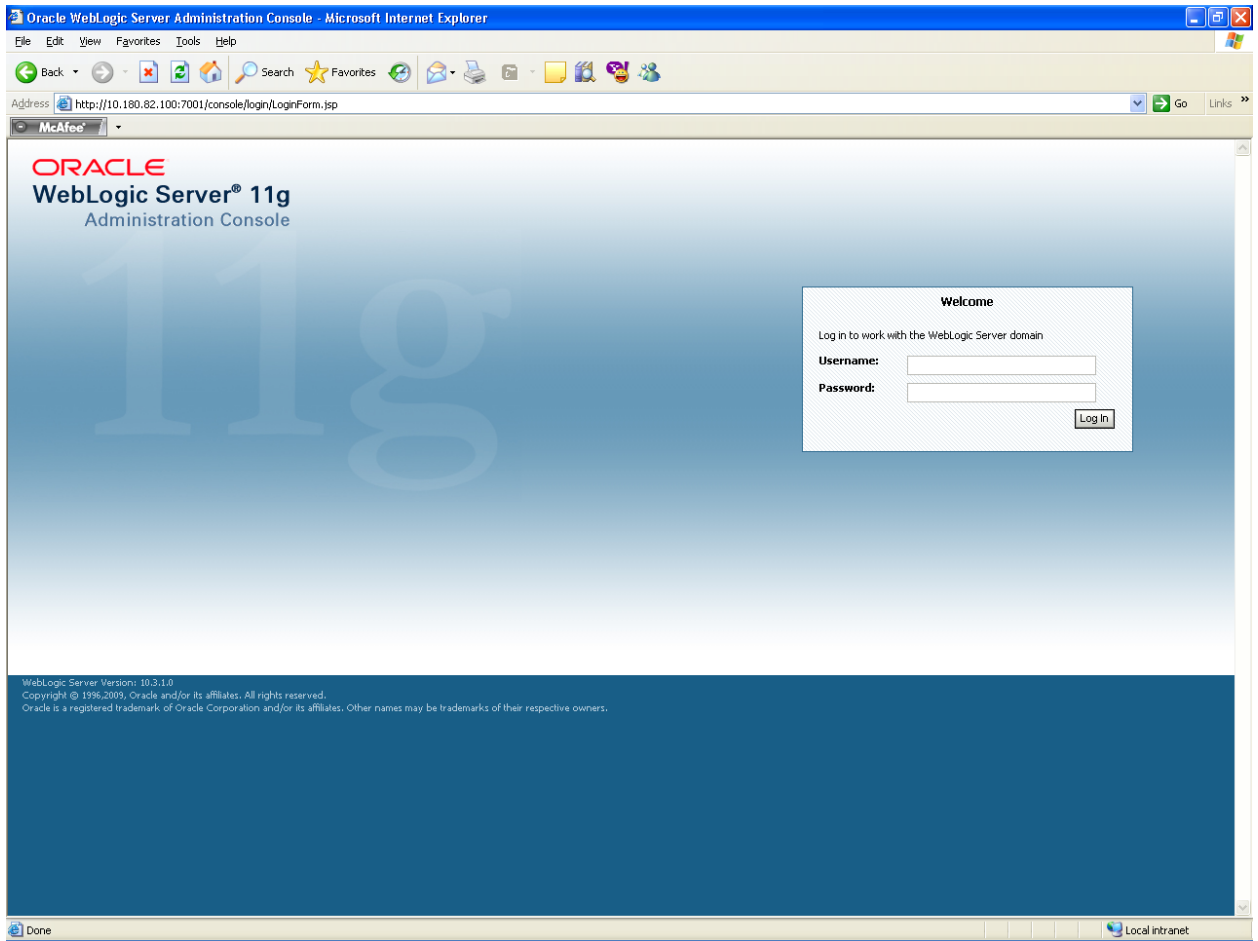
4.Application Server Configuration

4.1.Creating and Configuring JMS Server

4.1.1.Creating a JMS Server

Login to the Oracle Weblogic application server administration console:

Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic



Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Go to Services → Messaging → JMS Servers

Summary of JMS Servers - fcd_b_domain - WLS Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=jmsServerJMSServerTablePage

McAfee

ORACLE WebLogic Server Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: fcd_b_domain

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- fcd_b_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers**
 - Store-and-Forward Agents
 - JMS Modules
 - Path Services
 - Bridges
 - JDBC
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts

How do I...

- Configure JMS servers
- Configure JMS system modules

System Status

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (2)

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 0 to 0 of 0 Previous Next

☐	Name	Persistent Store	Target	Current Server	Health
There are no items to display					

New Delete Showing 0 to 0 of 0 Previous Next

WebLogic Server Version: 10.3.1.0.0
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Done Local Intranet

Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Enter name as FCDBJMSServer

The screenshot displays the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=jmsServerCreate.JMSServer&jmsServerCreate.JMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/begin`. The console title is "Create a New JMS Server - fcdb_domain - WLS Console - Microsoft Internet Explorer".

The main content area is titled "Create a New JMS Server" and includes a "Summary of JMS Servers" link. The wizard steps are: Back, Next, Finish, Cancel. The "JMS Server Properties" section indicates that the following properties will be used to identify the new JMS Server. A note states: "* Indicates required fields". The question "What would you like to name your new JMS Server?" is followed by a text input field containing "FCDBJMSServer". Below this, the instruction "Specify persistent store for the new JMS Server." is followed by a "Persistent Store:" label, a dropdown menu set to "(none)", and a "Create a New Store" button. The wizard steps are repeated at the bottom: Back, Next, Finish, Cancel.

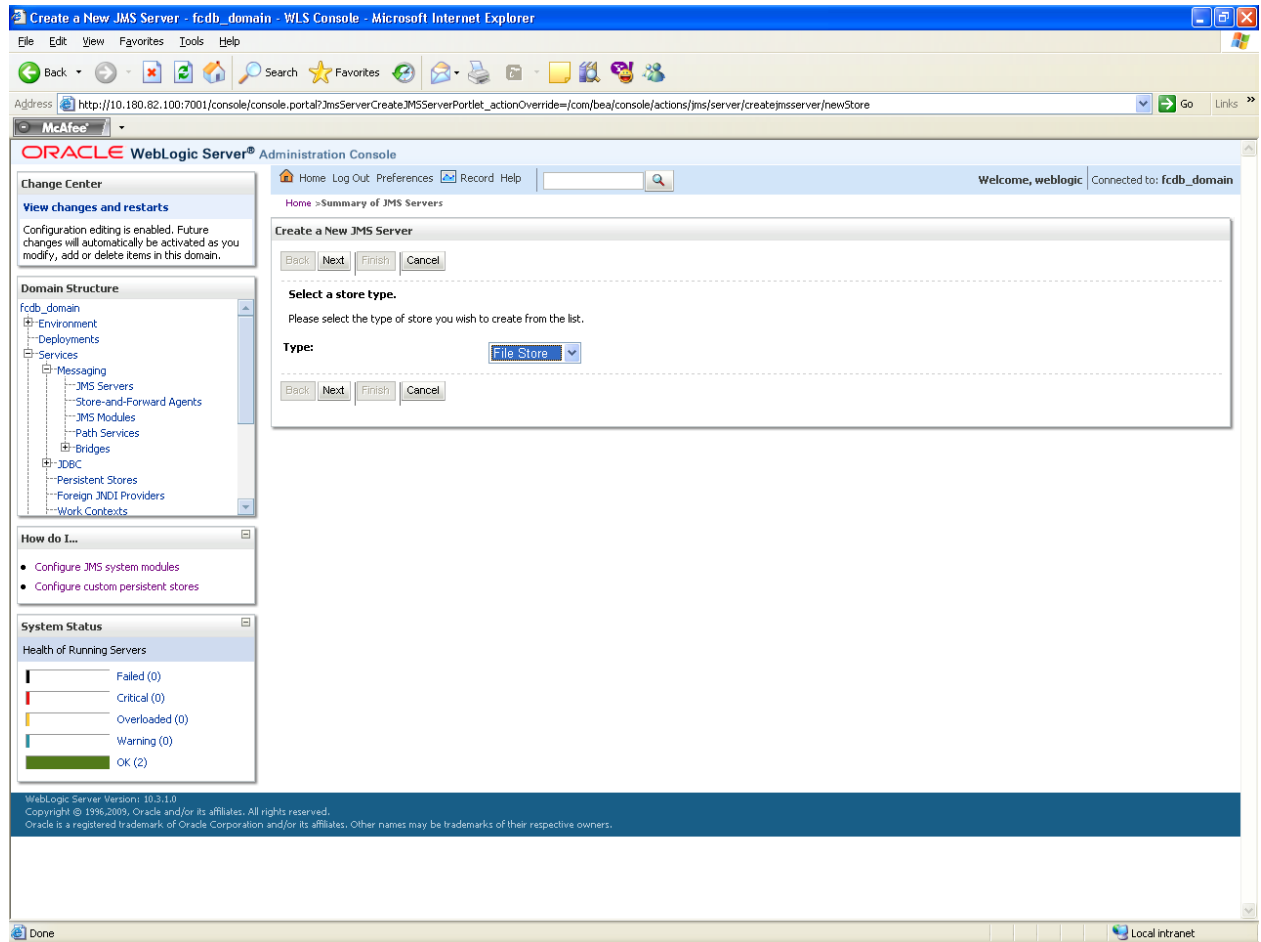
The left sidebar contains several sections:

- Change Center**: View changes and restarts. Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.
- Domain Structure**: A tree view showing the domain hierarchy: fcdb_domain > Environment > Deployments > Services > Messaging > JMS Servers. Other branches include Store-and-Forward Agents, JMS Modules, Path Services, Bridges, J2EEC, Persistent Stores, Foreign JNDI Providers, and Work Contexts.
- How do I...**: A list of links: Configure JMS system modules, Configure custom persistent stores.
- System Status**: Health of Running Servers. A bar chart shows the status of servers: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (2).

The footer of the console displays the version information: "WebLogic Server Version: 10.3.1.0. Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

Click on the button “Create a New Store”

Select the option “File Store”

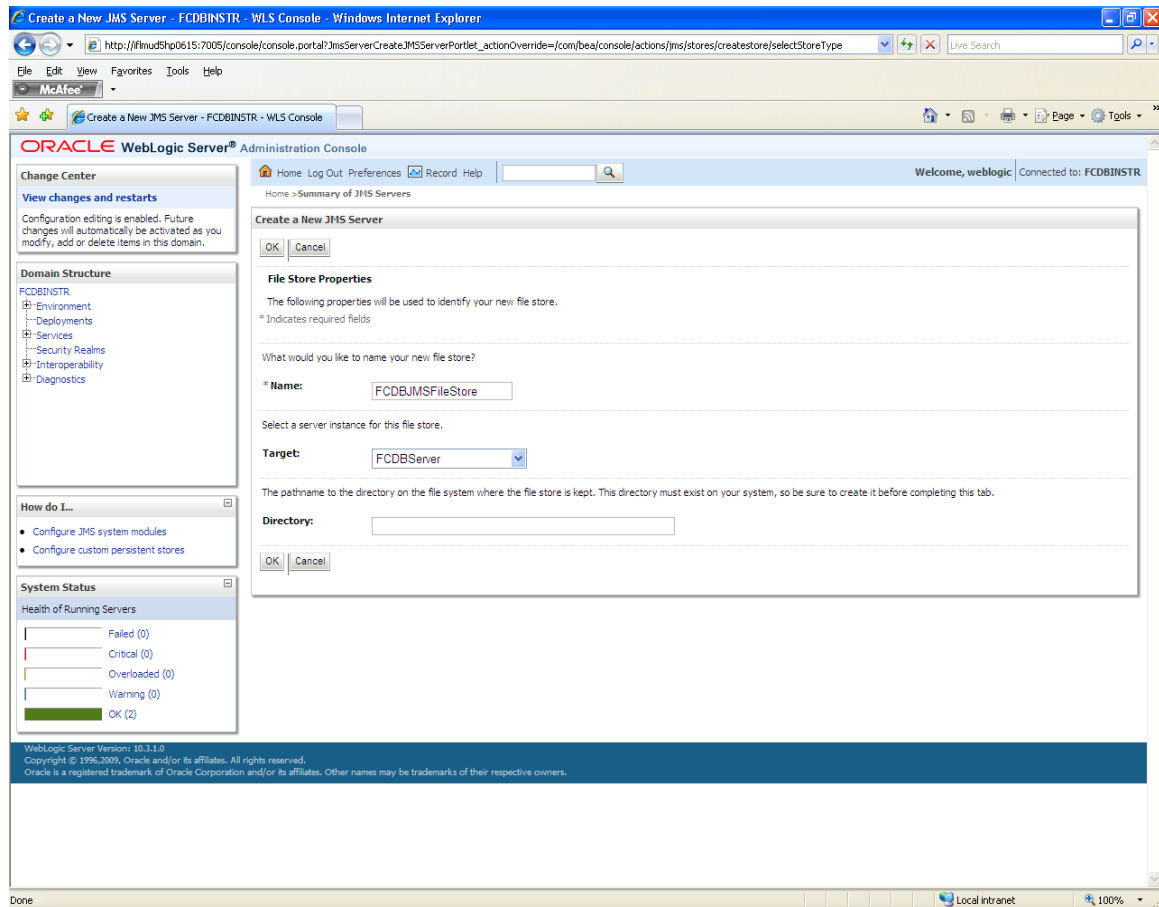


Click on “Next”

On the next screen, enter Name as “FCDBJMSFileStore”

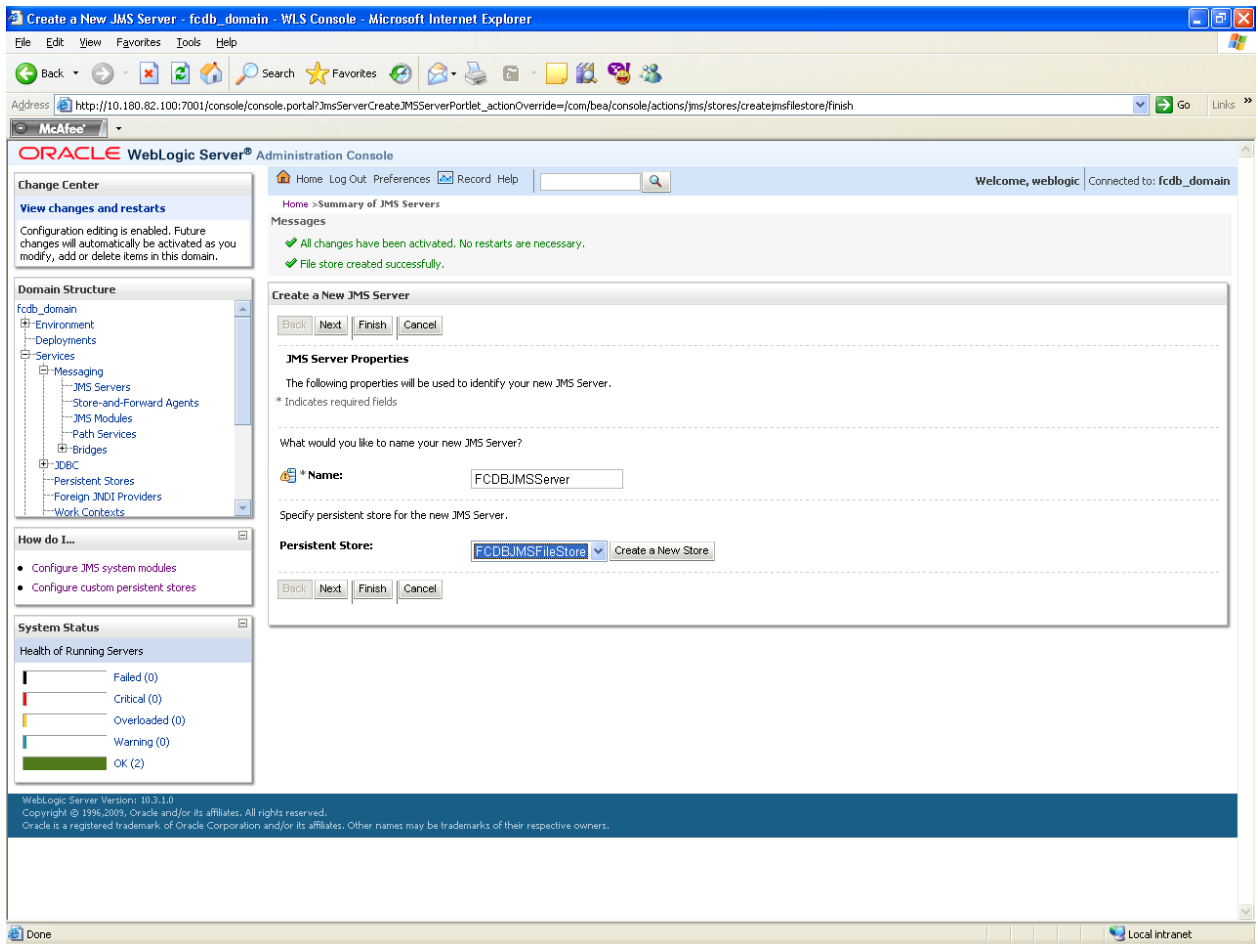
Select target as “FCDBServer”

Enter Directory as a valid directory on the server



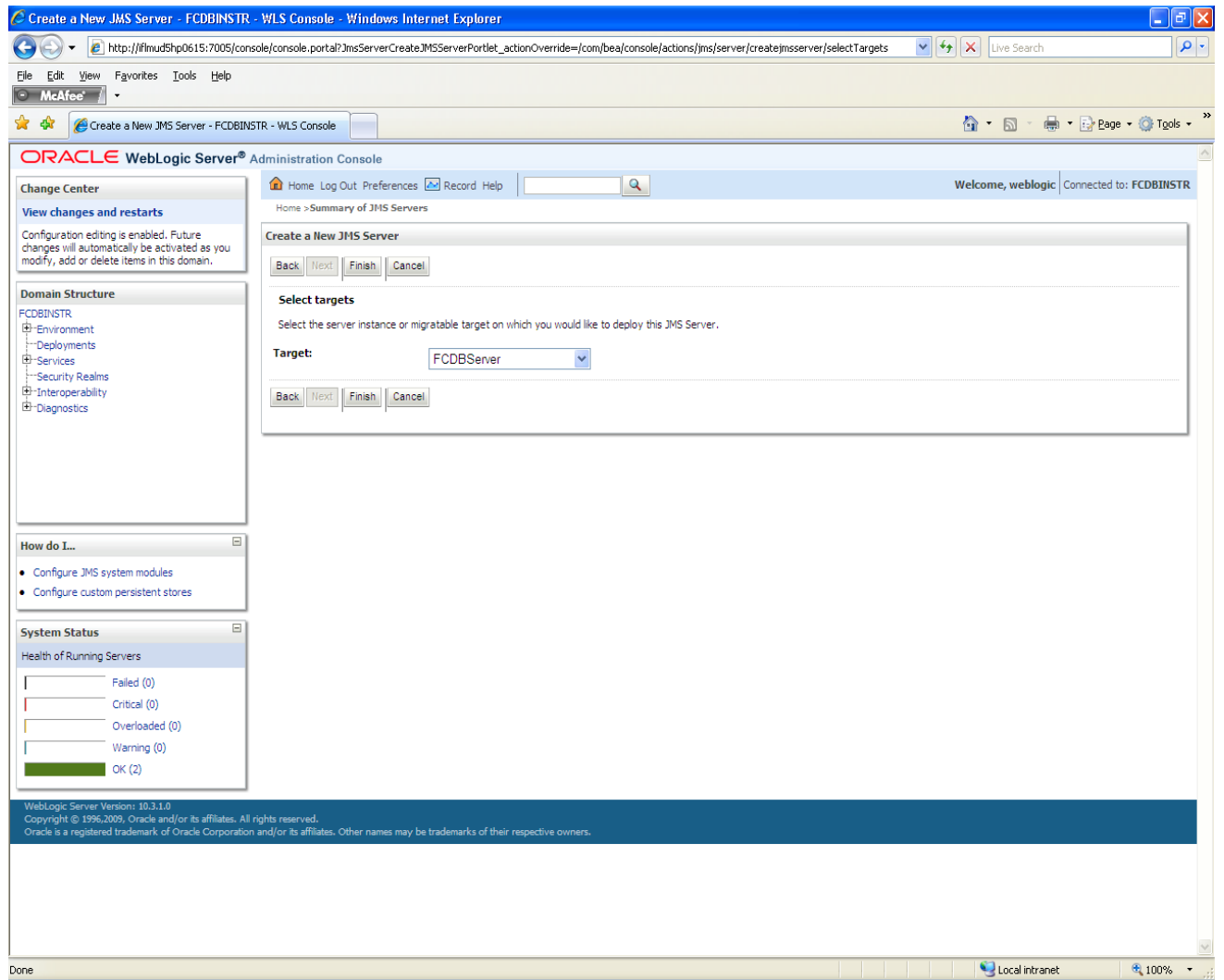
Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on OK



Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on Next



Select target as “FCDBServer”

Click on Finish

Summary of JMS Servers - fcdm_domain - WLS Console - Microsoft Internet Explorer

Address: http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=jmsServerJMServerTablePage

McAfee

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: fcdm_domain

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- fcdm_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers**
 - Store-and-Forward Agents
 - JMS Modules
 - Path Services
 - Bridges
 - JDBC
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts

How do I...?

- Configure JMS servers
- Configure JMS system modules

System Status

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (2)

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 1 of 1 Previous Next

☐	Name	Persistent Store	Target	Current Server	Health
☐	FCDBJMServer	FCDBJMSFileStore	AdminServer	AdminServer	OK

New Delete Showing 1 to 1 of 1 Previous Next

WebLogic Server Version: 10.3.1.0
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Local intranet

4.1.2. Creating and Configuring JMS Module

In the left menu, go to Services → Messaging → JMS Modules

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains a 'Domain Structure' tree with the following nodes: fcdm_domain, Environment, Deployments, Services, Messaging, JMS Servers, Store-and-Forward Agents, JMS Modules (selected), Path Services, Bridges, JDBC, Persistent Stores, Foreign JNDI Providers, and Work Contexts. Below the tree are sections for 'How do I...' (with links to 'Configure JMS system modules' and 'Configure resources for JMS system modules') and 'System Status' (showing 'Health of Running Servers' with counts: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (2)).

The main content area is titled 'JMS Modules' and includes a description: 'JMS system resources are configured and stored as modules similar to standard J2EE 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.'

Below the description is a section 'Customize this table' with a table titled 'JMS Modules'. The table has columns 'Name' and 'Type'. The table is empty, with the message 'There are no items to display' centered below it. Navigation links 'New' and 'Delete' are present above and below the table. The table also shows 'Showing 0 to 0 of 0' items and 'Previous' and 'Next' links.

The footer of the console displays 'WebLogic Server Version: 10.3.1.0', 'Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved.', and 'Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.'

Click on “New“

Enter the Name as “FCDBJMSModule“

Create JMS System Module - fcd_b_domain - WLS Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.180.82.100:7001/console/console.portal?CreateJMSModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletHandle=com.bea.console.handles.JMSHandle%28%22com.bea%3AName%3Dfcd_b... Go Links

ORACLE WebLogic Server® Administration Console

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

Home > Summary of JMS Servers > JMS Modules

Create JMS System Module

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 J2EE 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:

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

Descriptor File Name:

Where would 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

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

fcd_b_domain

- Environment
- Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Path Services
 - Bridges
 - JDBC
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts

How do I...

- Configure JMS system modules
- Configure JMS servers

System Status

Health of Running Servers

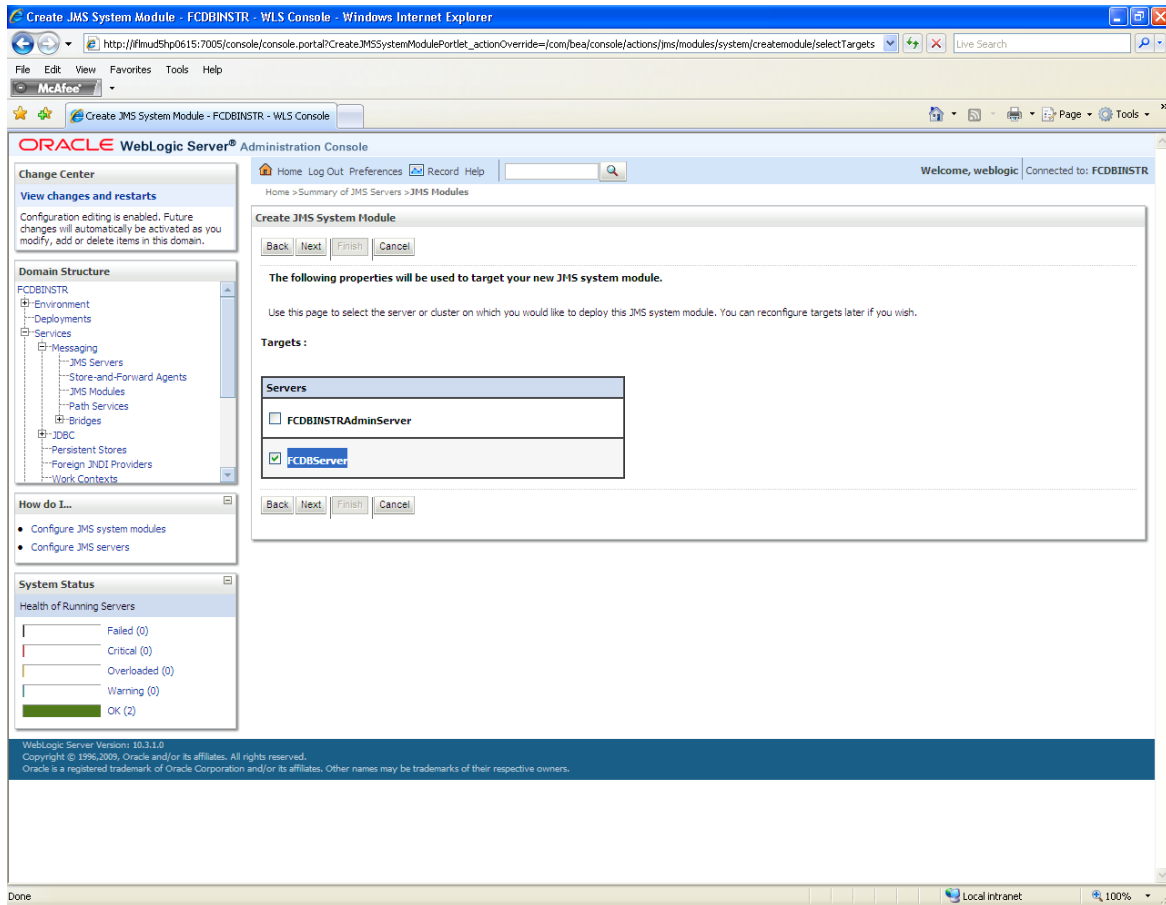
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

WebLogic Server Version: 10.3.1.0
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Done Local intranet

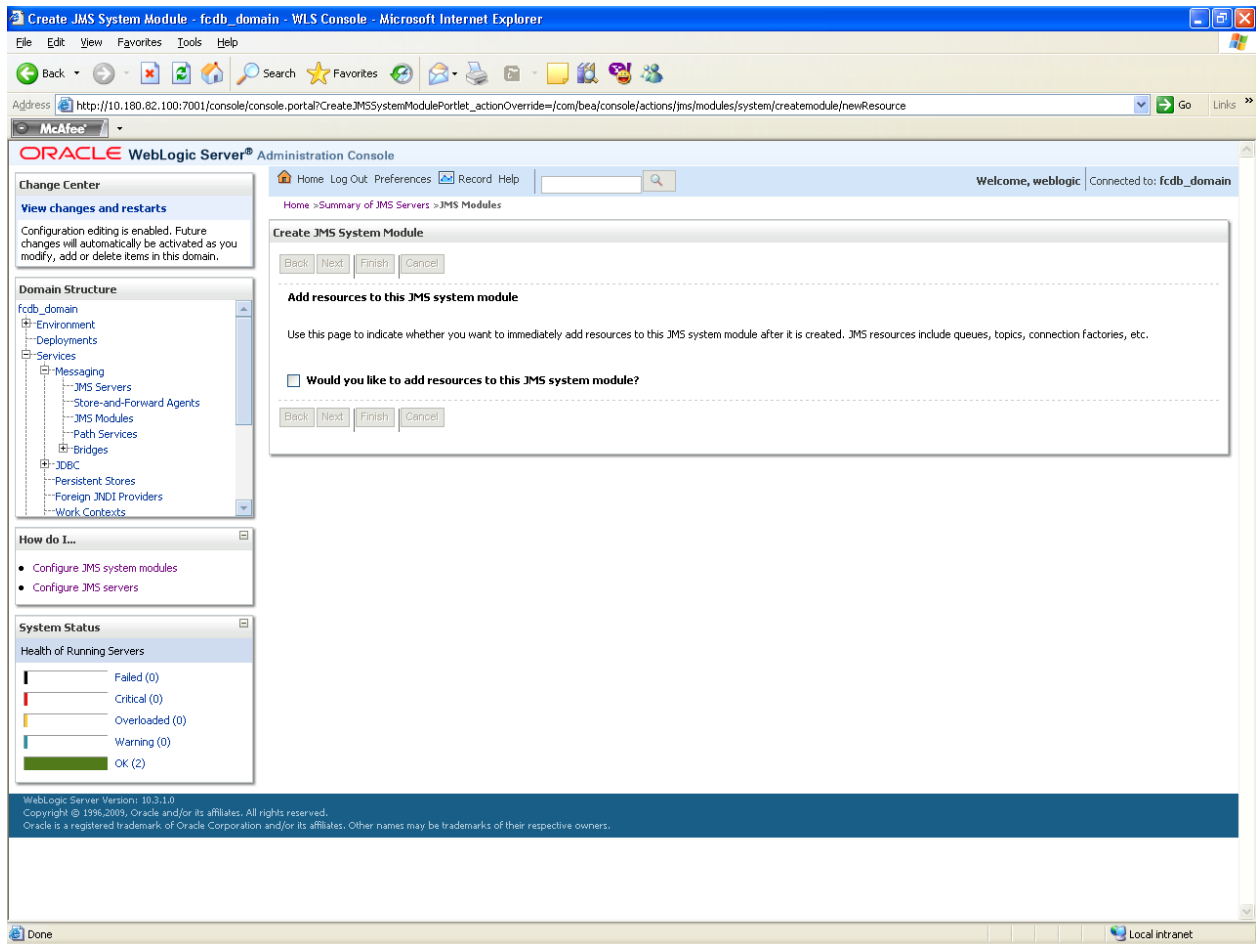
Click on “Next”

Select target as “FCDBServer”



Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on Next



Click on “Finish”

The screenshot shows the Oracle WebLogic Server Administration Console interface. The browser address bar indicates the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=jmsModulesTablePage`. The console title is "ORACLE WebLogic Server Administration Console".

On the left sidebar, the "Domain Structure" tree is expanded to "JMS Modules". Below it, the "System Status" section shows the health of running servers: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (2).

The main content area displays a message: "All changes have been activated. No restarts are necessary. The JMS module was created successfully." Below this, the "JMS Modules" section provides a summary of JMS system resources and a table to customize the view.

Name	Type
FCD6JMSModule	System

The table shows 1 of 1 items. The footer of the console displays the version: "WebLogic Server Version: 10.3.1.0" and copyright information.

4.1.3. Creating a Sub deployment

Click on the FCDBJMSModule created above

The screenshot shows the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&handle=com.bea.console.handles.JMSHandle%28%22com.bea%3AName%3DFCDBJMSModule%2CType%`. The console title is "Settings for FCDBJMSModule - fcd_b_domain - WLS Console - Microsoft Internet Explorer".

The left sidebar contains the "Domain Structure" tree, which is expanded to show the "FCDBJMSModule" under the "JMS Modules" folder. Other folders visible include "Environment", "Deployments", "Services", "Messaging", "JMS Servers", "Store-and-Forward Agents", "Path Services", "Bridges", "JDBC", "Persistent Stores", "Foreign JNDI Providers", and "Work Contexts".

The main content area is titled "Settings for FCDBJMSModule" and has tabs for "Configuration", "Subdeployments", "Targets", "Security", and "Notes". The "Configuration" tab is selected. It displays general information about the JMS system module and its resources. The "Name" is "FCDBJMSModule" and the "Descriptor File Name" is "jms/fcd_bjmsmodule-jms.xml".

Below the configuration fields, there is a section titled "Summary of Resources" which contains a table. The table has columns for "Name", "Type", "JNDI Name", "Subdeployment", and "Targets". The table is currently empty, displaying "There are no items to display".

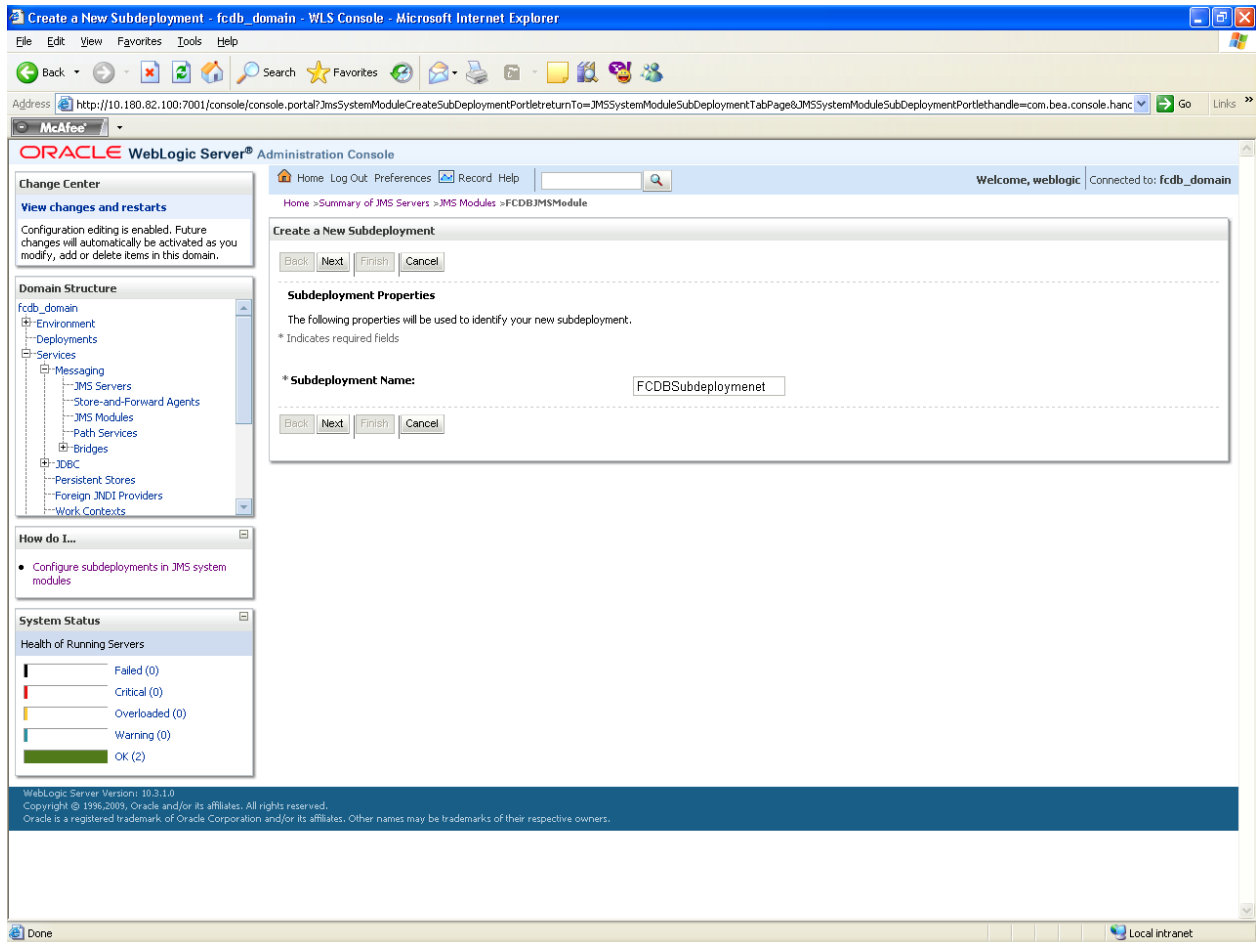
The bottom of the console shows the "System Status" section, which indicates the health of running servers. The status is "OK (2)".

Click on “Subdeployments” tab

The screenshot shows the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleSubDeploymentTabPage&handle=com.bea.console.handles.JMSHandle%28%22com.bea%3AName%3DFCDBJMSModule%2CTy`. The console is titled "Settings for FCDBJMSModule" and has tabs for Configuration, Subdeployments, Targets, Security, and Notes. The Subdeployments tab is active, showing a table with columns Name, Resources, and Targets. The table is empty, with a message "There are no items to display". The left sidebar shows the Domain Structure tree with the following nodes: fcd_b_domain, Environment, Deployments, Services, Messaging, JMS Servers, Store-and-Forward Agents, JMS Modules, Path Services, Bridges, JDBC, Persistent Stores, Foreign JNDI Providers, and Work Contexts. The bottom status bar shows "WebLogic Server Version: 10.3.1.0" and "Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved."

Click on “New“

Enter the name of sub deployment as FCDBSubdeployment



Click on “Next”

Select target as FCDBJMSServer created above

Click on “Finish”

The screenshot shows the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleSubDeploymentTabPage`.

The console interface includes a left-hand navigation pane with a tree view showing the domain structure: `fcdb_domain` > `Environment` > `Deployments` > `Services` > `Message` > `JMS Servers`. The main content area is titled "Settings for FCDBJMSModule" and has tabs for "Configuration", "Subdeployments", "Targets", "Security", and "Notes". The "Subdeployments" tab is active.

Below the tabs, there is a message: "All changes have been activated. No restarts are necessary." and "Subdeployment created successfully.".

The "Subdeployments" section contains a table with the following data:

Name	Resources	Targets
FCDBSubdeploymentet		AdminServer

The table also includes "New" and "Delete" buttons for each row. The status bar at the bottom indicates "WebLogic Server Version: 10.3.1.0" and "Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved."

4.1.4. Creating Queue

In the left menu go to Services → Messaging → JMS Modules

Click on the FCDBJMSModule created earlier

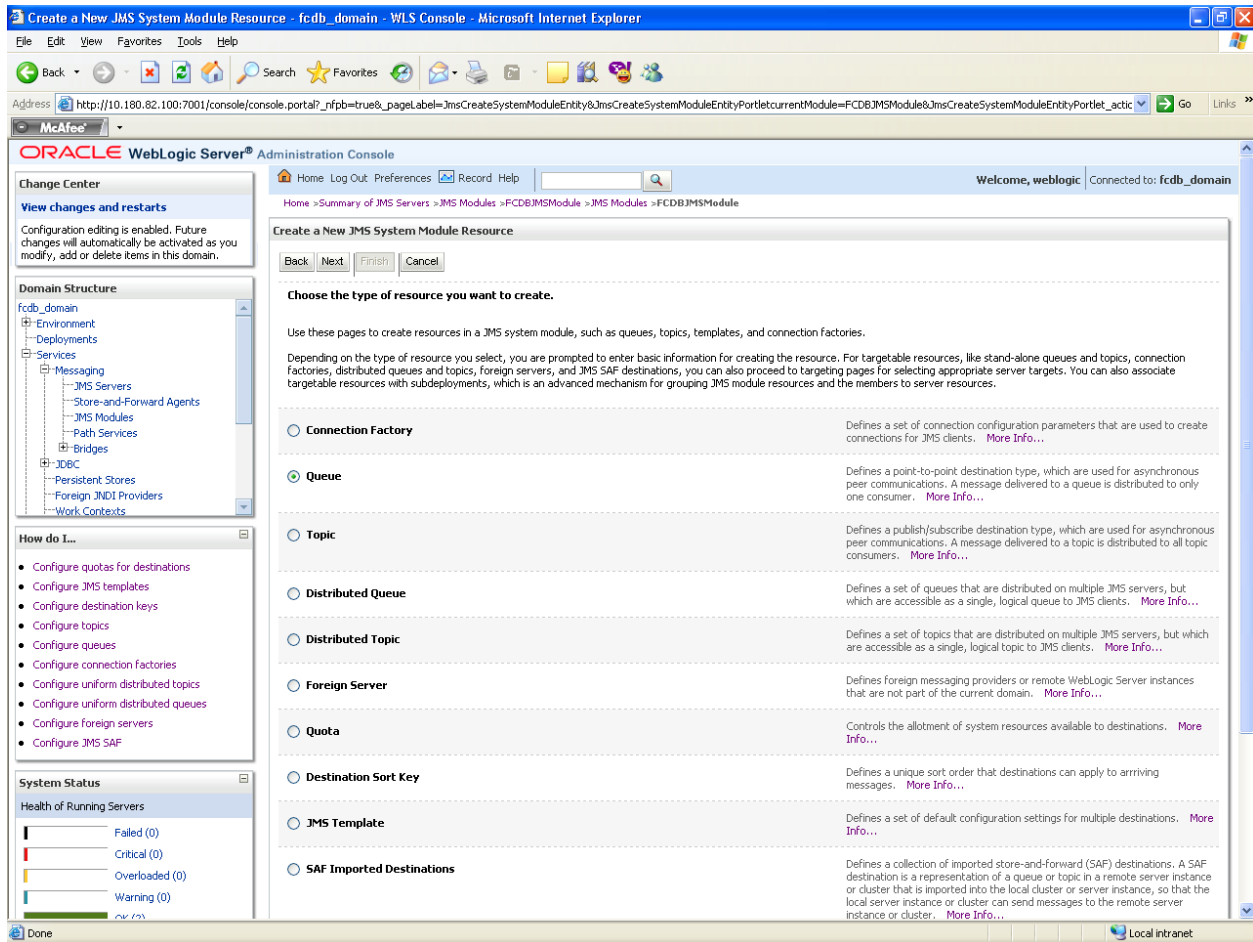
The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar displays the domain structure for 'fcdb_domain', with 'JMS Modules' selected under 'Services'. The main content area shows the 'Settings for FCDBJMSModule' page. The 'Configuration' tab is active, displaying general information about the JMS system module. The 'Name' is 'FCDBJMSModule' and the 'Descriptor File Name' is 'jms/fcdbhjmsmodule-jms.xml'. Below this, there is a 'Summary of Resources' section with a table that is currently empty, showing 'There are no items to display'.

Name	Type	JNDI Name	Subdeployment	Targets
There are no items to display				

Click on “New”

Select the option “Queue”

Click on “Next”



Provide, queue name, JNDI name and keep template as “None”

The screenshot shows the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_afCreateSystemModuleEntityPortlet_actionOverride=/com/bee/console/actions/jms/modules/system/createentity/selectEntityType`. The console title is "Oracle WebLogic Server Administration Console". The left sidebar contains a "Domain Structure" tree with "fcdm_domain" selected, and a "System Status" section showing "Health of Running Servers" with a bar chart. The main content area displays the "Create a New JMS System Module Resource" wizard. The wizard has a progress bar with "Back", "Next", "Finish", and "Cancel" buttons. The current step is "JMS Destination Properties", which includes the text: "The following properties will be used to identify your new Queue. The current module is FCDBJMSModule." Below this, there are three fields: "Name" with the value "UPLOAD", "JNDI Name" with the value "UPLOAD", and "Template" with a dropdown menu set to "None".

Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on Next

Select the sub deployment as FCDBSubdeployment created earlier

Select target as FCDBJMSServer created earlier

Click on Finish

The screenshot displays the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&handle=com.bea.console.handles.JMSHandle%28%22com.bea%3AName%3DFCDBJMSModule%2CType%`. The console title is "Settings for FCDBJMSModule - fcd_b_domain - WLS Console - Microsoft Internet Explorer".

The left sidebar contains the "Change Center" with a "View changes and restarts" link, a "Domain Structure" tree showing the hierarchy from `fcd_b_domain` down to `FCDBJMSModule`, and a "System Status" section showing the health of running servers with a bar chart indicating 1 OK, 0 Failed, 0 Critical, 0 Overloaded, and 0 Warning.

The main content area is titled "Settings for FCDBJMSModule" and has tabs for "Configuration", "Subdeployments", "Targets", "Security", and "Notes". The "Configuration" tab is active, showing general information about the JMS system module. It includes fields for "Name" (FCDBJMSModule) and "Descriptor File Name" (`jms/fcd_bjmsmodule-jms.xml`). Below this is a "Summary of Resources" table.

Name	Type	JNDI Name	Subdeployment	Targets
UPLOAD	Queue	UPLOAD	FCDBSubdeploymentet	FCDBJMSServer

The table shows 1 of 1 resources. The console footer includes the text: "WebLogic Server Version: 10.3.1.0. Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

4.1.5. Creating Queue Connection Factory

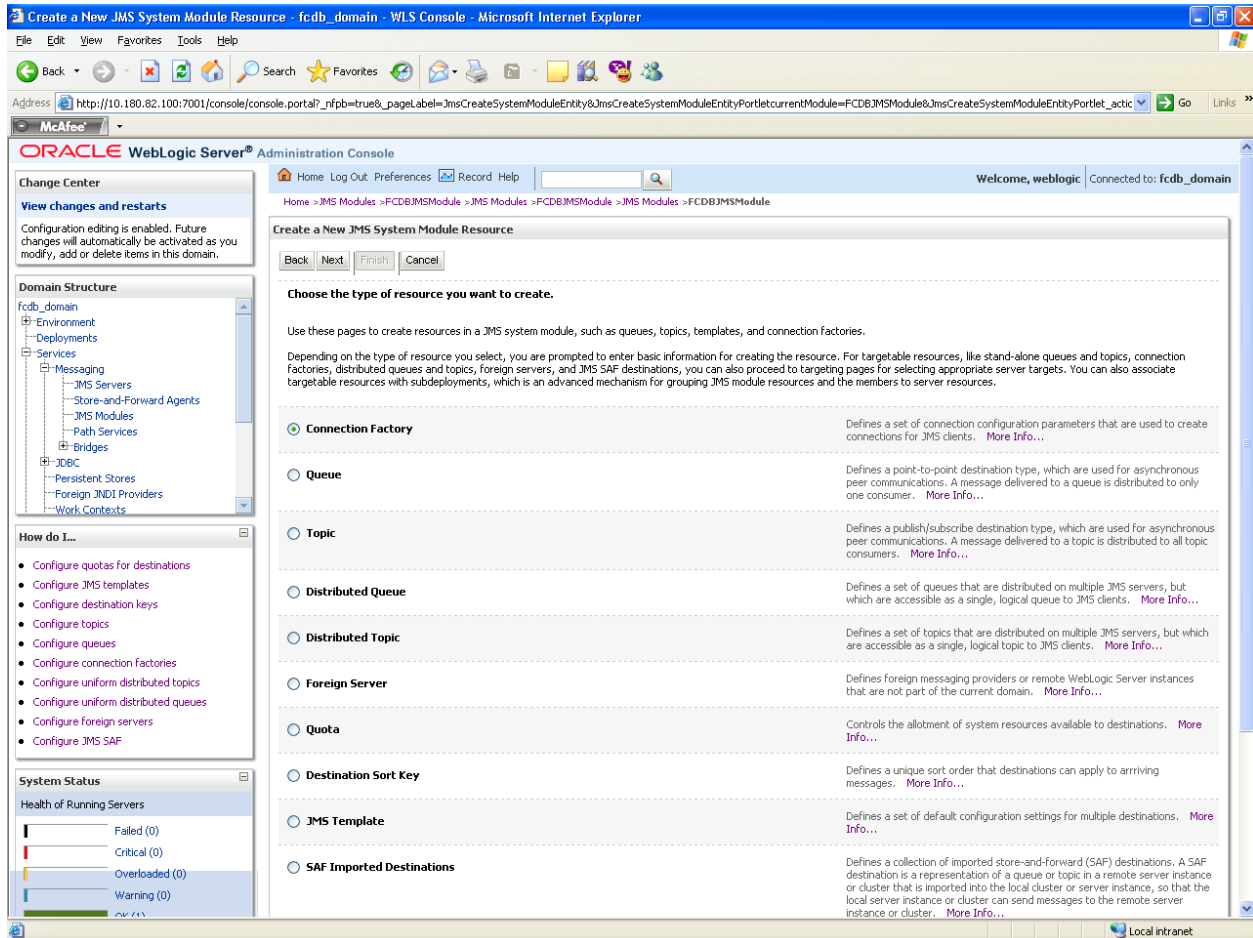
In the left menu go to Services → Messaging → JMS Modules

Click on the FCDBJMSModule created earlier

Click on “New”

Select the option “Connection Factory”

Click on “Next”



Enter Queue Connection Factory name and JNDI name

Create a New JMS System Module Resource - FCDB1201 - WLS Console - Mozilla Firefox

File Edit View History Bookmarks Tools Help

10.184.132.155:7060/console/console.portal?jmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectEnti

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help Welcome, weblogic Connected to: FCDB1201

Home > Summary of JMS Servers > Summary of Environment > Summary of Servers > Summary of JMS Servers > JMS Modules > FCDBJMSModule > JMS Modules > FCDBJMSModule > JMS Modules > FCDBJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

Connection Factory Properties

The following properties will be used to identify your new connection factory. The current module is FCDBJMSModule.
* Indicates required fields

What would you like to name your new connection factory?

* **Name:** FCDBBQCF

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

JNDI Name: FCDBBQCF

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**

Back Next Finish Cancel

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

FCDB1201
Environment
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents
JMS Modules
Path Services
Bridges
Data Sources
Persistent Stores
Foreign JNDI Providers
Work Contexts

How do I...

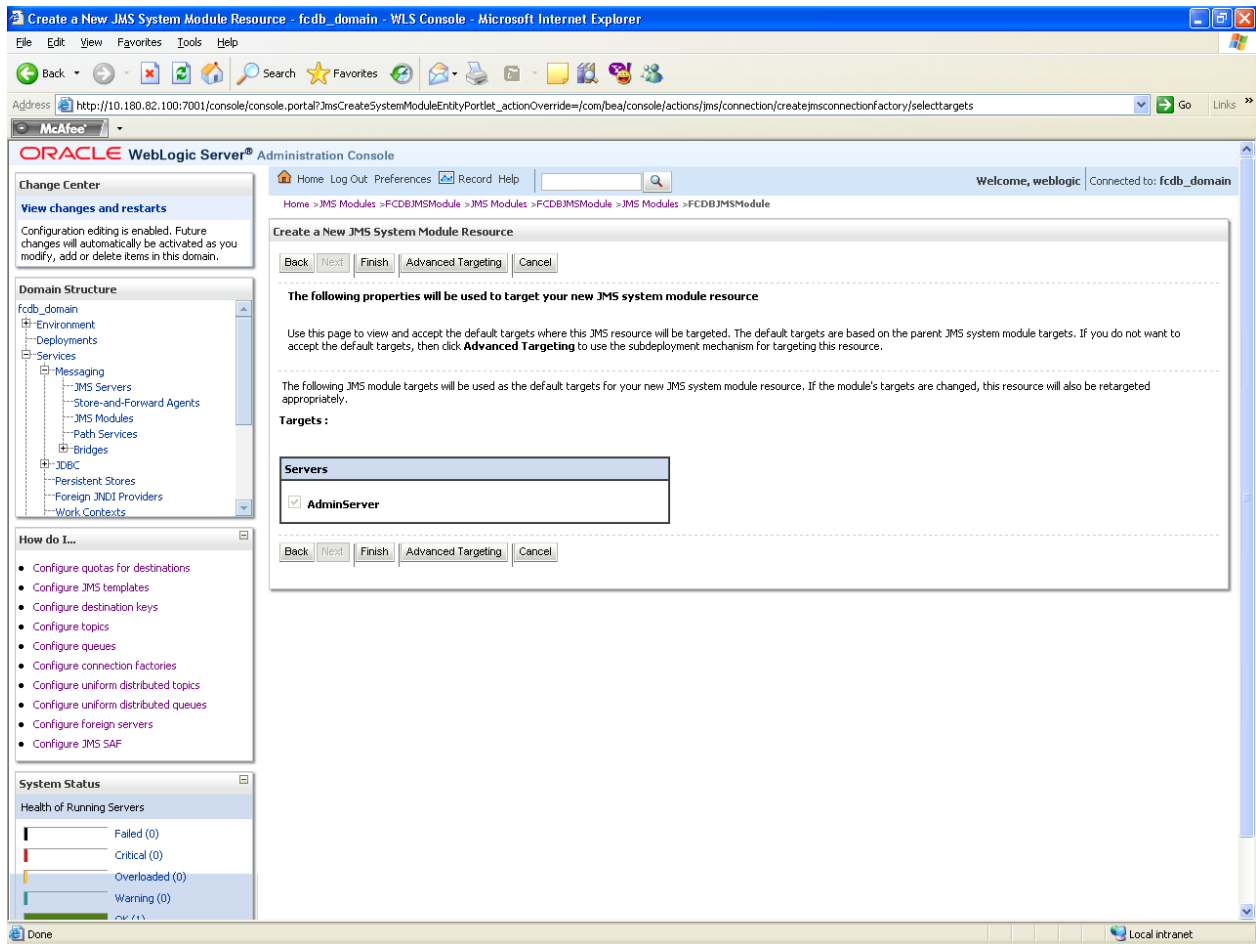
- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

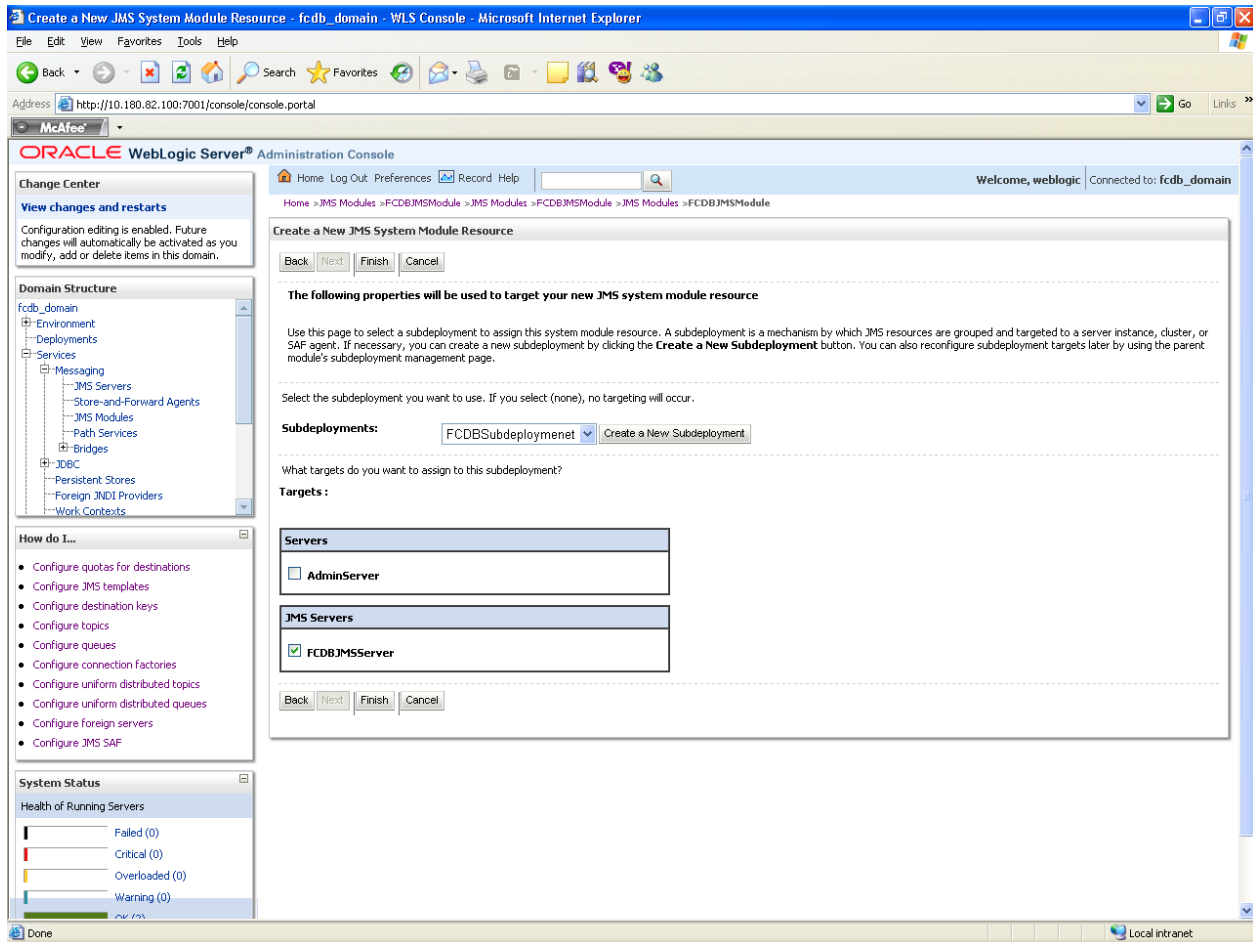
Click on “Next”



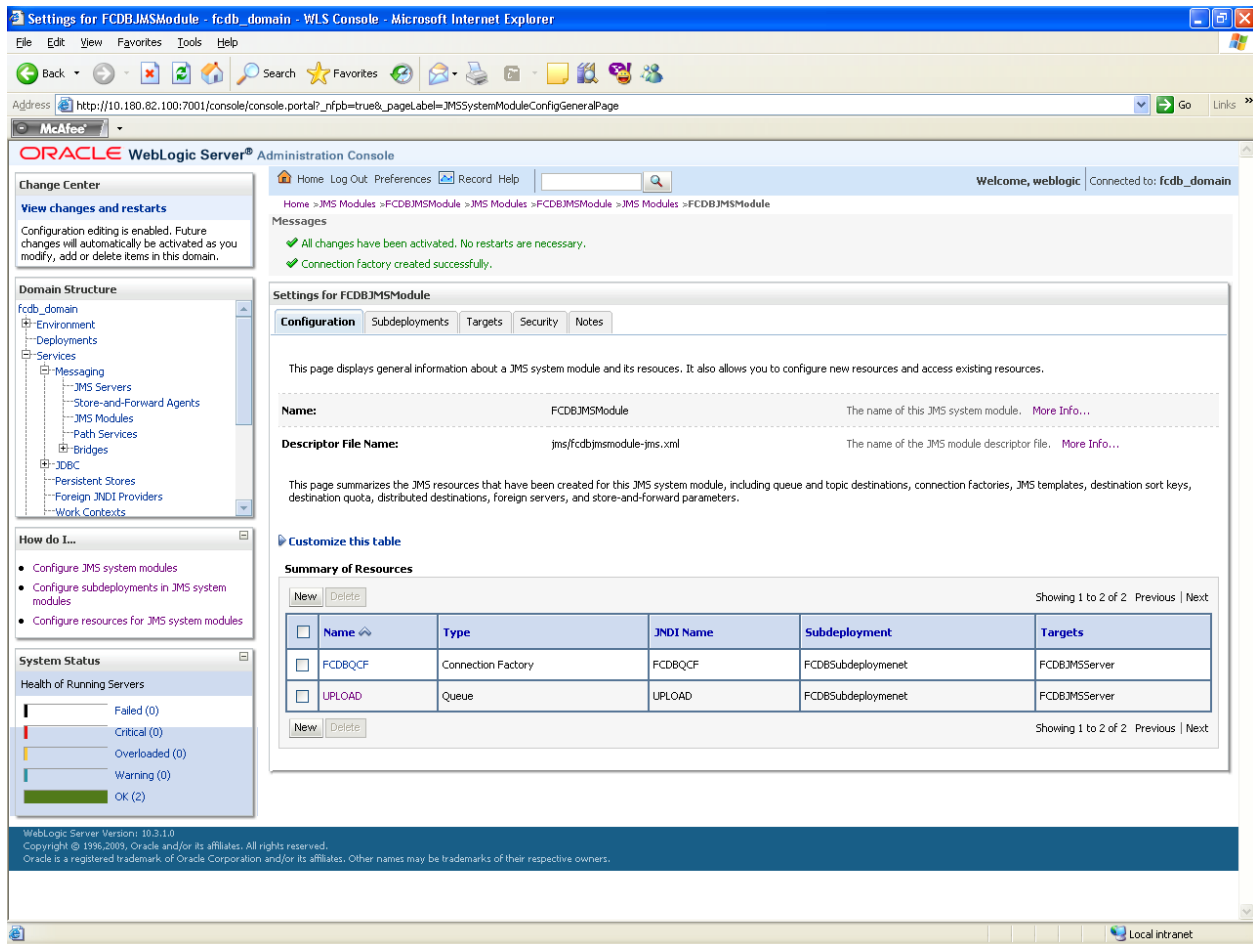
Click on “Advanced Targetting”

Select the sub deployment as FCDBSubdeployment created earlier

Select the target as FCDBJMSServer created earlier



Click on “Finish”



Settings for FCDBJMSModule - fcdb_domain - WLS Console - Microsoft Internet Explorer

Address: http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage

Oracle WebLogic Server® Administration Console

Welcome, weblogic Connected to: fcdb_domain

Home Log Out Preferences Record Help

Home > JMS Modules > FCDBJMSModule > JMS Modules > FCDBJMSModule > JMS Modules > FCDBJMSModule

Messages

- ✓ All changes have been activated. No restarts are necessary.
- ✓ Connection factory created successfully.

Settings for FCDBJMSModule

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

Descriptor File Name: jms/fcdbhjmsmodule-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
☐	FCDBQCF	Connection Factory	FCDBQCF	FCDBSubdeploymentet	FCDBJMSServer
☐	UPLOAD	Queue	UPLOAD	FCDBSubdeploymentet	FCDBJMSServer

New Delete Showing 1 to 2 of 2 Previous Next

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Local intranet

Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on the connection factory FCDBQCF

The screenshot displays the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorygeneralTabPage&handle=com.bea.console.handlers.JMXHandle%28%22com.bea%3AName%3DFCDBQCF%2CType%3Dwe`. The console interface includes a left-hand navigation pane with a tree view of the domain structure, a top navigation bar with links like Home, Log Out, and Preferences, and a main content area titled "Settings for FCDBQCF".

The "Settings for FCDBQCF" page has tabs for Configuration, Subdeployment, and Notes. The "Configuration" tab is active, showing a "General" sub-tab. The page contains a "Save" button at the top left and a descriptive text: "Use this page to define the general configuration parameters for this JMS connection factory, which includes various client connection, default delivery, load balancing, and security parameters."

The configuration fields include:

- Name:** FCDBQCF (The name of this JMS connection factory. [More Info...](#))
- JNDI Name:** FCDBQCF (The global JNDI name used to look up a connection factory within a clustered JNDI namespace. [More Info...](#))
- Default Targeting Enabled:** ☐ (Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. [More Info...](#))

Below these fields is an "Advanced" section with another "Save" button. The left-hand navigation pane shows the domain structure under "fcdb_domain", including "Environment", "Deployments", "Services", "Messaging", "JMS Servers", "Store-and-Forward Agents", "JMS Modules", "Path Services", "Bridges", "JDBC", "Persistent Stores", "Foreign JNDI Providers", and "Work Contexts". The "System Status" section at the bottom left shows the health of running servers: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (2).

The footer of the console displays the version information: "WebLogic Server Version: 10.3.1.0. Copyright © 1996-2009, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

Click on the tab “Transactions”

Select the check box “XA Connection Factory Enabled”

The screenshot displays the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorytransactionparamsTabPage&handle=com.bea.console.handles.JMXHandle%28%22com.bea%3AName%3DFCDBQCF%2CT`. The console title is "Settings for FCDBQCF - fcd_b_domain - WLS Console - Microsoft Internet Explorer".

On the left side, there is a "Domain Structure" tree showing the hierarchy: `fcd_b_domain` > `Environment` > `Deployments` > `Services` > `JMS Modules` > `FCDBJMSModule` > `JMS Modules` > `FCDBJMSModule` > `FCDBQCF`. Below this, there is a "How do I..." section with a link to "Configure connection factories".

The main content area is titled "Settings for FCDBQCF" and has tabs for "Configuration", "Subdeployment", and "Notes". The "Configuration" tab is active, and within it, the "Transactions" sub-tab is selected. The "Transactions" sub-tab contains a "Save" button and a description: "Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create sessions that are JTA user-transaction aware."

Under the "Transaction Timeout:" label, there is a text input field containing the value "3600". To the right of this field, a note states: "The timeout value (in seconds) for all transactions on connections created with this connection factory. [More Info...](#)".

Below the timeout field, there is a checkbox labeled "XA Connection Factory Enabled" which is checked. To the right of this checkbox, a note states: "Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an XAConnection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. [More Info...](#)".

At the bottom of the console, there is a "System Status" section showing the "Health of Running Servers" with a bar chart indicating the status of various servers. The status bar shows "Failed (0)", "Critical (0)", "Overloaded (0)", "Warning (0)", and "OK (2)".

The footer of the console displays the version information: "WebLogic Server Version: 10.3.1.0" and the copyright notice: "Copyright © 1995-2009, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

Oracle FLEXCUBE Direct Banking JMS Queue creation On Weblogic

Click on Save

The screenshot displays the Oracle WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.180.82.100:7001/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorytransactionparamsTabPage&handle=com.bea.console.handles.JMXHandle%28%22com.bea%3AName%3DFCFDBQCF%22CT`. The console interface includes a left-hand navigation pane with a tree view showing the domain structure: `fcdb_domain` > `Environment` > `Deployments` > `Services` > `Messaging` > `JMS Servers` > `Store-and-Forward Agents` > `JMS Modules` > `Path Services` > `Bridges` > `JDBC` > `Persistent Stores` > `Foreign JNDI Providers` > `Work Contexts`. The main content area is titled "Settings for FCFDBQCF" and contains several tabs: `Configuration`, `Subdeployment`, and `Notes`. The `Configuration` tab is active, showing a "General" sub-tab. The "Transaction Timeout" is set to 3600. The "XA Connection Factory Enabled" checkbox is checked. The "Save" button is visible at the bottom of the configuration section. The bottom of the console shows the WebLogic Server version (10.3.1.0) and copyright information.

Settings for FCFDBQCF

Configuration Subdeployment Notes

General Default Delivery Client Transactions Flow Control Load Balance Security

Save

Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create sessions that are JTA user-transaction aware.

Transaction Timeout: 3600

The timeout value (in seconds) for all transactions on connections created with this connection factory. [More Info...](#)

☒ XA Connection Factory Enabled

Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an `XAConnection`, which in turn may be used to create an `XASession`, which in turn may be used to obtain an `XAResource` for use inside a transaction manager. [More Info...](#)

Save

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