Weblogic Configuration Oracle FLEXCUBE Universal Banking Release 14.5.4.0.0 Part No. F52800-01 [February] [2022]



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# 1. Configuring SSL on Oracle Weblogic

## 1.1 Introduction

This chapter details out the configurations for SSL on Oracle Weblogic application server.

## 1.2 Setting up SSL on Oracle Weblogic

To setup SSL on Oracle Weblogic application server, you need to perform the following tasks:

- 1. Obtain an identity (private key and digital certificates) and trust (certificates of trusted certificate authorities) for Oracle Weblogic application server.
- 2. Store the identity and trust. Private keys and trust CA certificates are stored in keystores.
- 3. Configure the identity and trust the keystores for Oracle Weblogic application server in the administration console.
- 4. Set SSL attributes for the private key alias and password in Oracle Weblogic administration console.

## 1.3 <u>Certificates and Keypairs</u>

Certificates are used for validating the authenticity of the server. Certificates contains the name of the owner, certificate usage, duration of validity, resource location or distinguished name (DN), which includes the common name (CN - web site address or e-mail address depending of the usage) and the certificate ID of the person who certified (signs) these information. It also contains the public key and a hash to ensure that the certificate has not been tampered with. A certificate is insecure until it is signed. Signed certificates cannot be modified.

A certificate can be self signed or obtained from a reputable certificate authority such as Verisign, Inc., Entrust.net, Thawte, GeoTrust or InstantSSL.

SSL uses a pair of cryptographic keys - a **public key** and a **private key**. These keys are similar in nature and can be used alternatively. What one key encrypts can be decrypted by the other key of the pair. The private key is kept secret, while the public key is distributed using the certificate.

A **keytool** stores the keys and certificates in a **keystore**. The default keystore implementation implements it as a file. It protects private keys with a password. The different entities (key pairs and the certificates) are distinguished by a unique 'alias'. Through its keystore, Oracle Weblogic server can authenticate itself to other parties.

In Java, a keystore is a 'java.security.KeyStore' instance that you can create and manipulate using the **keytool** utility provided with the Java Runtime.

There are two keystores to be managed by Oracle Weblogic server to configure SSL.

- Identity Keystore: Contains the key pairs and the Digital certificate. This can also contain certificates of intermediate CAs.
- Trust Keystore: Contains the trusted CA certificates.



# 2. Choosing the Identity and Trust Stores

## 2.1 Introduction

Oracle Financial Services Software recommends that the choice of Identity and Trust stores be made up front. Oracle Weblogic server supports the following combinations of Identity and Trust stores:

- Custom Identity and Command Line Trust
- Custom Identity and Custom Trust
- o Custom Identity and Java Standard Trust
- o Demo Identity and Demo Trust

Oracle Financial Services does not recommend choosing Demo Identity and Demo Trust for production environments.

It is recommended to separate the identity and trust stores, since each Weblogic server tends to have its own identity, but might have the same set of trust CA certificates. Trust stores are usually copied across Oracle Weblogic servers, to standardize trust rules; it is acceptable to copy trust stores since they contain public keys and certificates of CAs. Unlike trust stores, identity stores contain private keys of the Oracle Weblogic server, and hence should be protected against unauthorized access.

Command Line Trust, if chosen requires the trust store to be specified as a command line argument in the Weblogic Server startup script. No additional configuration of the trust store is required in the Weblogic Server Administration Console.

Java Standard Trust would rely on the cacerts files provided by the Java Runtime. This file contains the list of trust CA certificates that ship with the Java Runtime, and is located in the 'JAVA\_HOME/jre/lib/security' directory. It is highly recommended to change the default Java standard trust store password from 'changeit' (without quotes), and the default access permission of the file. Certificates of most commercial CAs are already present in the Java Standard Trust store. Therefore, it is recommended to use the Java Standard Trust store whenever possible. The rest of the document will assume the use of Java Standard Trust, since most CA certificates are already present in it.

One can also create custom trust stores containing the list of certificates of trusted CAs.

For further details on identity and trust stores, please refer the Oracle Weblogic Server documentation on Securing Oracle Weblogic Server.



# 3. Obtaining the Identity Store

## 3.1 Creating Identity Store with Self-Signed Certificates

Self-signed certificates are acceptable for use in a testing or development environment. Oracle Financial Services does not recommend the use of self-signed certificates in a production environment.

In order to create a self-signed certificate, the genkeypair option provided by the keytool utility of Sun Java 6 needs to be utilized.

## 3.1.1 Creation of Self-signed Certificate

Browse to the bin folder of JRE from the command prompt and type the following command.

The items highlighted in blue are placeholders, and should be replaced with suitable values when running the command.

keytool -genkeypair -alias *alias* -keyalg RSA -keysize 1024 -sigalg SHA1withRSA -validity 365 -keystore *keystore* 

In the above command,

- 1. *alias* is used to identify the public and private key pair created. This alias is required later when configuring the SSL attributes for the managed servers in Oracle Weblogic Server.
- 2. *keystore* is used to specify the location of the JKS file. If no JKS file is present in the path provided, one will be created.

The command will prompt for the following attributes of the certificate and keystore:

- 1. **Keystore Password**: Specify a password that will be used to access the keystore. This password needs to be specified later, when configuring the identity store in Oracle Weblogic Server.
- 2. **Key Password**: Specify a password that will be used to access the private key stored in the keystore. This password needs to be specified later, when configuring the SSL attributes of the managed server(s) in Oracle Weblogic Server.
- 3. **First and Last Name (CN)**: Enter the domain name of the machine used to access FLEXCUBE UBS, for instance, www.example.com
- 4. **Name of your Organizational Unit**: The name of the department or unit making the request, for example, BPD. Use this field to further identify the SSL Certificate you are creating, for example, by department or by physical server.
- 5. **Name of your Organization:** The name of the organization making the certificate request, for example, Oracle Financial Services. It is recommended to use the company or organization's formal name, and this name entered here must match the name found in official records.



- Name of your City or Locality: The city in which your organization is physically located, for example Mumbai.
- Name of your State or Province: The state/province in which your organization is physically located, for example Maharashtra.
- 8. **Two-Letter Country Code for this Unit**: The country in which your organization is physically located, for example US, UK, IN etc.

The key generation algorithm has been specified as RSA, the key size as 1024 bits, the signature algorithm as SHA1withRSA, and the validity days as 365. These can be changed to suitable values if the need arises. For further details, please refer to the documentation of the keytool utility in the JDK utilized by Oracle Weblogic Server.

#### Example

Listed below is the result of a sample execution of the command:

```
D:\Oracle\weblogic11g\jrockit 160 05 R27.6.2-20\bin>keytool -
genkeypair -alias selfcert -keyalg RSA -keysize 1024 -sigalg
SHA1withRSA -validity 365 -keystore D:\keystores\FCUBSKeyStore.jks
Enter keystore password: < Enter a password to protect the keystore >
Re-enter new password: < Confirm the password keyed above>
What is your first and last name?
  [Unknown]: cvrhp0729.i-flex.com
What is the name of your organizational unit?
  [Unknown]: BPD
What is the name of your organization?
  [Unknown]: Oracle Financial Services
What is the name of your City or Locality?
  [Unknown]: Mumbai
What is the name of your State or Province?
  [Unknown]: Maharashtra
What is the two-letter country code for this unit?
  [Unknown]: IN
Is CN=cvrhp0729.i-flex.com, OU=BPD, O=Oracle Financial Services,
L=Mumbai, ST=Maharashtra, C=IN correct?
  [no]: yes
Enter key password for <selfcert>
        (RETURN if same as keystore password): < Enter a password to
protect the key>
Re-enter new password: < Confirm the password keyed above>
```



## 3.2 <u>Creating Identity Store with Trusted Certificates Issued</u> by CA

## 3.2.1 Creation of Public and Private Key Pair

Browse to the bin folder of JRE from the command prompt and type the following command.

The items highlighted in blue are placeholders, and should be replaced with suitable values when running the command.

```
keytool -genkeypair -alias alias -keyalg keyalg -keysize keysize -
sigalg sigalg -validity valDays -keystore keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair created. This alias is required later when configuring the SSL attributes for the managed servers in Oracle Weblogic Server.
- 2. *keyalg* is the key algorithm used to generate the public and private key pair. The RSA key algorithm is recommended.
- keysize is the size of the public and private key pairs generated. A key size of 1024 or more is recommended. Please consult with your CA on the key size support for different types of certificates.
- 4. *sigalg* is the algorithm used to generate the signature. This algorithm should be compatible with the key algorithm and should be one of the values specified in the Java Cryptography API Specification and Reference.
- 5. *valdays* is the number of days for which the certificate is to be considered valid. Please consult with your CA on this period.
- 6. *keystore* is used to specify the location of the JKS file. If no JKS file is present in the path provided, one will be created.

The command will prompt for the following attributes of the certificate and keystore:

- 1. **Keystore Password**: Specify a password that will be used to access the keystore. This password needs to be specified later, when configuring the identity store in Oracle Weblogic Server.
- 2. **Key Password**: Specify a password that will be used to access the private key stored in the keystore. This password needs to be specified later, when configuring the SSL attributes of the managed server(s) in Oracle Weblogic Server.
- 3. **First and Last Name (CN)**: Enter the domain name of the machine used to access FLEXCUBE UBS, for instance, www.example.com
- 4. **Name of your Organizational Unit**: The name of the department or unit making the request, for example, BPD. Use this field to further identify the SSL Certificate you are creating, for example, by department or by physical server.



- 5. Name of your Organization: The name of the organization making the certificate request, for example, Oracle Financial Services. It is recommended to use the company or organization's formal name, and this name entered here must match the name found in official records.
- 6. **Name of your City or Locality**: The city in which your organization is physically located, for example Mumbai.
- 7. **Name of your State or Province**: The state/province in which your organization is physically located, for example Maharashtra.
- Two-letter Country Code for this Unit: The country in which your organization is physically located, for example US, UK, IN etc.

#### **Example**

Listed below is the result of a sample execution of the command:

```
D:\Oracle\weblogic11g\jrockit 160 05 R27.6.2-20\bin>keytool -
genkeypair -alias cvrhp0729 -keyalg RSA -keysize 1024 -sigalg
SHA1withRSA -validity 365 -keystore D:\keystores\FCUBSKeyStore.jks
Enter keystore password: < Enter a password to protect the keystore >
Re-enter new password: < Confirm the password keyed above>
What is your first and last name?
  [Unknown]: cvrhp0729.i-flex.com
What is the name of your organizational unit?
  [Unknown]: BPD
What is the name of your organization?
  [Unknown]: Oracle Financial Services
What is the name of your City or Locality?
  [Unknown]: Mumbai
What is the name of your State or Province?
  [Unknown]: Maharashtra
What is the two-letter country code for this unit?
  [Unknown]: IN
Is CN=cvrhp0729.i-flex.com, OU=BPD, O=Oracle Financial Services,
L=Mumbai, ST=Maharashtra, C=IN correct?
  [no]: yes
Enter key password for <cvrhp0729>
        (RETURN if same as keystore password): < Enter a password to
protect the key>
Re-enter new password: < Confirm the password keyed above>
```



## 3.2.2 Generating CSR

To purchase an SSL certificate, one needs to generate a Certificate Signing Request (CSR) for the server where the certificate will be installed.

A CSR is generated from the server and is the server's unique "fingerprint". The CSR includes the server's public key, which enables server authentication and secure communication.

If the keystore file or the password is lost and a new one is generated, the SSL certificate and the private key will no longer match. A new SSL Certificate will have to be requested.

The CSR is created by running the following command in the bin directory of the JRE:

```
keytool -certreq -alias alias -file certreq file -keystore keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair. The private key associated with the alias will be utilized to create the CSR. Specify the alias of the key pair created in the previous step.
- 2. *certreq file* is the file in which the CSR will be stored.
- 3. *keystore* is the location of the keystore containing the public and private key pair.

#### **Example**

Listed below is the result of a sample execution of the command

```
D:\Oracle\Weblogic11g\jrockit_160_05_R27.6.2-20\bin>keytool -certreq -
alias cvrhp0729 -file D:\keystores\certreq.csr -keystore
D:\keystores\FCUBSKeyStore.jks
Enter keystore password: [Enter the password used to access the
keystore]
Enter key password for <cvrhp0729>[Enter the password used to access
the key in the keystore]
```

## 3.2.3 Obtaining Trusted Certificate from CA

The processes of obtaining a trusted certificate vary from one CA to another. The CA might perform additional offline verification. Consult the CA issuing the certificate for details on the process to be followed for submission of the CSR and for obtaining the certificate.

### 3.2.4 Importing Certificate into Identity Store

Store the certificate obtained from the CA in the previous step, in a file, preferably in PEM format. Other formats like the p7b file format would require conversion to the PEM format. Details on performing the conversion are not listed here. Please refer to the Oracle Weblogic Server documentation on Securing Oracle Weblogic Server, for details on converting a Microsoft p7b file to the PEM format.

The command to be executed for importing a certificate into the identity store depend on whether the trust store chosen (in the earlier step; see section 2 of this document). It is highly recommended to verify the trust path when importing a certificate into the identity store. The commands provided below assume the use of the Java Standard Trust store.



#### Importing the Intermediate CA certificate

Most Certificate Authorities do not use the root CA certificates to issue identity certificates for use by customers. Instead, Intermediate CAs issue identity certificates in response to the submitted CSRs.

If the Intermediate CA certificate is absent in the Java Standard Trust store, the trust path for the certificate will be incomplete for the certificate, resulting in warnings issued by Weblogic Server during runtime. To avoid this, the intermediate CA certificate should be imported into the identity keystore. Although the intermediate CA certificate can be imported into the Java Standard Trust store, this is not recommended unless the intermediate CA can be trusted.

The following command should be executed to import the intermediate CA certificate into the keystore.

```
keytool -importcert -alias alias -file cert_file -trustcacerts -keystore
keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair. Specify the alias of the key pair used to create the CSR in the earlier step.
- cert\_file is the location of the file containing the intermediate CA certificate in a PKCS#7 format (PEM or DER file).
- 3. *keystore* is the location of the keystore containing the public and private key pair.

The trustcacerts flag is used to consider other certificates (higher intermediaries and the root CA) in the chain of trust. If no chain of trust is established during verification, the certificate will be displayed and one would be prompted to verify it. It is recommended that due diligence be observed, when the prompt is displayed to verify a certificate when a chain of trust is absent.

Listed below is a sample execution of the command

```
D:\Oracle\weblogic11g\jrockit_160_05_R27.6.2-20\bin>keytool -
importcert -alias verisigntrialintermediateca -file
D:\keystores\VerisignIntermediateCA.cer -trustcacerts -keystore
D:\keystoreworkarea\FCUBSKeyStore.jks
Enter keystore password:<Enter the password used to access the
keystore>
Certificate was added to keystore
```

#### Importing the Identity certificate

The following command should be executed to import the identity certificate into the keystore.

```
keytool -importcert -alias alias -file cert_file -trustcacerts -keystore
keystore
```

In the above command,

1. *alias* is used to identify the public and private key pair. Specify the alias of the key pair used to create the CSR in the earlier step.



- 2. *cert\_file* is the location of the file containing the PKCS#7 formatted reply from the CA, containing the signed certificate.
- 3. *keystore* is the location of the keystore containing the public and private key pair.

The trustcacerts flag is used to consider other certificates (intermediate CAs and the root CA) in the chain of trust. If no chain of trust is established during verification, the certificate will be displayed and one would be prompted to verify it. It is recommended that due diligence be observed, when the prompt is displayed to verify a certificate when a chain of trust is absent.

Listed below is a sample execution of the command

```
D:\Oracle\weblogic11g\jrockit_160_05_R27.6.2-20\bin>keytool -
importcert -alias cvrhp0729 -file D:\keystores\cvrhp0729.cer -
trustcacerts -keystore D:\keystoreworkarea\FCUBSKeyStore.jks
Enter keystore password:<Enter the password used to access the
keystore>
Enter key password for <cvrhp0729>:<Enter the password used to access
the private key>
Certificate reply was installed in keystore
```

The previous set of commands assumed the presence of the appropriate root CA certificate (in the chain of trust) in the Java Standard Trust store, i.e. in the cacerts file. If the CA issuing the identity certificate (for the Weblogic Server) does not have the root CA certificate in the Java Standard Trust store, one can opt to import the root CA certificate into cacerts, or into the identity store, depending on factors including trustworthiness of the CA, necessity of transporting the trust store across machine, among others.



# 4. Configuring Identity and Trust Stores for Weblogic

## 4.1 Enabling SSL on Oracle Weblogic Server

To configure SSL on Oracle Weblogic server, login in to the Admin Console and follow the steps given below:

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to enable SSL (example exampleserver).
- 4. Go to 'Configuration' and select General' tab.
- 5. Select the option 'SSL Listen Port Enabled' and specify the SSL listen port.
- 6. Against 'Listen Address', specify the hostname of the machine in which the application server is installed.

## 4.2 Configuring Identity and Trust Stores

To configure the Identity and Trust stores in Oracle Weblogic Server, log in to the Admin Console of Weblogic Server.

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to configure the keystores (example exampleserver).
- 4. Go to 'Configuration' and select 'Keystores' tab.
- 5. In the filed 'Keystores', select the method for storing and managing private keys/digital certificate pairs and trusted CA certificates. This choice should match the one made in Section 2 of this document (Choosing the Identity and Trust Stores).
- 6. In the 'Identity' section, provide the following details:
  - o Custom Identity Keystore File Name: Fully qualified path to the Identity keystore.
  - **Custom Identity Keystore Type**: Set this attribute to JKS, the type of the keystore. If left blank, it is defaulted to JKS (Java KeyStore).
  - Custom Identity Keystore PassPhrase: The password you enter when reading or writing to the keystore. This attribute is optional or required depending on the type of keystore. All keystores require the passphrase in order to write to the keystore. However, some keystores do not require the passphrase to read from the keystore. Oracle Weblogic server only reads from the keystore. So whether or not you define this property depends on the requirements of the keystore.
- 7. In the 'Trust' section, provide the following details:

If you choose Java Standard Trust, specify the password used to access the trust store.



If you choose **Custom Trust**, the following attributes have to be provided:

- **Custom Trust Keystore**: The fully qualified path to the trust keystore.
- **Custom Trust Keystore Type**: Set this attribute to JKS, the type of the keystore. If left blank, it defaults to JKS (Java KeyStore).
- Custom Trust Keystore Passphrase: The password you enter when reading or writing to the keystore. This attribute is optional or required depending on the type of keystore. All keystores require the passphrase in order to write to the keystore. However, some keystores do not require the passphrase to read from the keystore. Oracle Weblogic Server only reads from the keystore. So, whether or not you define this property depends on the requirements of the keystore.

When identity and trust stores are of the JKS format, the passphrases are not required.



## 5. Setting SSL attributes for Managed Servers

## 5.1 <u>Setting SSL Attributes for Private Key Alias and</u> Password

To configure the private key alias and password, log in to the Oracle Weblogic Server Admin Console.

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to configure keystores (example exampleserver).
- 4. Go to 'Configuration' and select 'SSL' tab.
- 5. Select 'Keystores' from 'Identity and Trust Locations'.
- 6. Under 'Identity' section, specify the following details:
  - **Private Key Alias**: set this attribute to the alias name defined for the key pair when creating the key pair in the Identity keystore.
  - **Private Key Passphrase**: The password defined for the key pair (alias\_password), at the time of its creation. . Confirm the password.
- 7. Click 'Save'.
- 8. Under 'Change Center', click 'Activate changes'.
- 9. Go to **controls** tab, check the appropriate server and click '**Restart SSL**'. Confirm when it prompts.



6. Testing Configuration

## 6.1 **Testing Configuration**

Once the Oracle Weblogic has been configured for SSL, deploy the application in the usual manner. After deployment, you can test the application in SSL mode. To launch the application in SSL mode you need to enter the URL in the following format:

### https://(Machine Name):(SSL\_Listener\_port\_no)/(Context\_root)

It is recommended that the Oracle FLEXCUBE UBS web application be accessed via the HTTPS channel, instead of the HTTP channel.



# 7. Creating Resources on Weblogic

## 7.1 Introduction

This document explains the steps to be executed to deploy the FCUBS application and gateway application in application server.

## 7.2 **Resource Administration**

This section deals with the process of resource administration on Oracle Weblogic.

All the resources mention in "Resources To be Created" document are need to be created before deployment. One example for each category is explained in the following subsections.

## 7.2.1 Creating Data Source

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The method for creating data sources is explained under the following headings.

## 7.2.1.1 Prerequisites

You need to create the data source with OCI enabled. For this, download Oracle Instant Client and install it. The details are given below.

Package	Download Location	Remarks
Oracle Instant Client Package	http://www.oracle.com/technetwork/ database/features/instant- client/index-097480.html	Install Oracle Instant Client in a local directory. While configuring Weblogic for Windows or Unix/Linux box, you need to provide the directory path where Instant Client is installed.

You need to do the data source configuration with OCI driver enabled. The configurations are given below.

- Oracle Weblogic on Windows Box:
  - Set {ORACLE\_HOME} in the environment variable.
- > Update the Environment Variable Path as {*ORACLE\_HOME*}/*Instance Client*. This is required to load all the *.dll* files.

Ensure that the ojdbc\*.jar file in {WL\_HOME}/server/lib/ojdbc\*.jar is the same as the file {ORACLE\_HOME}/jdbc/lib/ojdbc\*.jar. This is required for ensuring compatibility.

> Update PATH in *StartWebLogic.bat* or in *setDomainEnv.bat*. This must be the path of directory where Oracle Instant Client is installed.

• Oracle Weblogic on Unix/Linux Box:



Set {ORACLE\_HOME} in the environment variable.

> Update the environment variable *LD\_LIBRARY\_PATH* as {*ORACLE\_HOME*}/*lib*. This is to load all the *.so* files.

Ensure that the ojdbc\*.jar file in {WL\_HOME}/server/lib/ojdbc\*.jar is the same as the file {ORACLE\_HOME}/jdbc/lib/ojdbc\*.jar. This is to ensure compatibility.

> Update *LD\_LIBRARY\_PATH* in *StartWeblogic.sh* or in *setDomainEnv.sh*. This must be the path of directory where Oracle Instant Client is installed.

> If you are still not able to load the .so files, then you need to update the EXTRA\_JAVA\_PROPERTIES by setting Djava.library.path as {ORACLE\_HOME}/lib in StartWebLogic.sh or in setDomainEnv.sh.

### 7.2.1.2 XA Enabled Data Source

Follow the steps given below:

1. Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.

http://10.10.10.10:1001/console



2. Specify the Weblogic administrator user name and password. Click 'Log In'.



3. Navigate to Oracle Weblogic home page.

🔄 💽 👻 🙋 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
ile Edit View Favorites Tools Help			
McAfee'			
🖌 🎸 🌈 Home Page - fcubs113_domain - V	WLS Console		🟠 🔹 🗟 👘 🖶 Page + 🎯 Tools •
	Administration Console		Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain
view changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	<ul> <li>Common Administration Task Descriptions</li> </ul>	
	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>	
Domain Structure	<ul> <li>Recent Task Status</li> </ul>	<ul> <li>Ask a question on My Oracle Support</li> </ul>	
fcubs113_domain #-Environment	<ul> <li>Set your console preferences</li> </ul>	<ul> <li>Oracle Guardian Overview</li> </ul>	
Deployments	- Domain Configurations		
Services     Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics	• Doman	<ul> <li>Messaging</li> <li>JMS Servers</li> </ul>	Jolt Connection Pools
	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	Joir Connection Pools
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
	Clusters	<ul> <li>Path Services</li> </ul>	Log Files
	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Inages
Have da T		Persistent Stores	Reguest Performance
How do I	Coherence Clusters	XML Registries	Archives
<ul> <li>Search the configuration</li> </ul>	Machines	XML Entity Caches	Context
<ul> <li>Use the Change Center</li> </ul>	Work Managers	Foreign JNDI Providers	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		<ul> <li>jCOM</li> </ul>	Charts and Graphs
<ul> <li>Monitor servers</li> </ul>	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
Furtom Statur	Deployments	<ul> <li>FileT3</li> </ul>	
System Status		• JTA	
Health of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

4. Click 'LOCK & EDIT'.



#### Following screen is displayed:

Warning (0) OK (2)

		nain - WLS Console - Windows Internet				
🕒 🕤 🔻 🙋 http://10.184.74.143:8888/d	(console/console	ie.portal?_nfpb=true&_pageLabel=http://10.184.	74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🔽	Google Powered Pandion Search	
ile Edit View Favorites Iools Help						
D McAfee'						
🖌 🛠 🏀 Summary of JDBC Data Sources -	- fcubs113_don	main			🚹 • 🔝 · 🖶 • 🔂 Page • 🍏	Tools
	r® Administr	ration Console				Q
Change Center	Hon	me Log Out Preferences 🔤 Record Help	Q	W	elcome, weblogic Connected to: fcubs113_0	domai
View changes and restarts	Home	>Summary of JDBC Data Sources				
No pending changes exist. Click the Release	Summa	ary of JDBC Data Sources				
Configuration button to allow others to edit the domain.		guration Monitoring				
omain Structure           ubs113_domain           P-Environment	A.	page summarizes the JDBC data source objects th tomize this table	ochare pear d'esteuin ais	SOUTHER F		
Deployments B-Services	Duto	Sources (Filtered - More Columns Exist)				
B-Messaging						
Data Sources	New	Delete			Showing 1 to 2 of 2 Previous   N	lext
Foreign JNDI Providers		Name 🚕	Туре	JNDI Name	Targets	
Work Contexts		FCUBS113	Generic	idbc/fcidevDS	ManagedServer1	
XML Entity Caches					-	_
		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
File T3	New	w 🛩 Delete			Showing 1 to 2 of 2 Previous   N	lext
How do I						
Create JDBC generic data sources						
Create JDBC GridLink data sources						
Create JDBC multi data sources						
Delete JDBC data sources						
Delete JDBC multi data sources						
System Status	3					
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)	1					



5. Expand 'Services' and then 'Data Sources' under it. Click 'Lock & Edit' button.

	onsole/console.portal?_ntpb=true&_pageLabel=	nttp://10.184.74.143:8888/console/conso	ole.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc ≚	Google Powered Pandion Search
e Edit View Favorites Tools Help McAfee -				
🔗 🌮 🍘 Summary of JDBC Data Sources - f	fcubs113_domain			🏠 🔹 🔝 🔹 🖶 🔹 🔂 Page 🗸 🎯 Tools
Anage Center      Areu Changes and restarts     io perding changes exist. Click the Release     Configuration button to allow others to edit the     ioman.         Lock & Edit         Release Configuration	Home Log Out Preferences Reco Home > Summary of JDBC Data Sources     Summary of JDBC Data Sources     Configuration Monitoring	to the JNDI tree that provides database co	We nnectivity through a pool of JDBC connections. Applications ca	skome, weblogic Connected to: fcubs113_domai
Iomain Structure Uubs 11, domain Denvironment Copioyments Structure Hota Sources	Customize this table Data Sources (Filtered - More Colum New Cleate	urce objects that have been created in this must Exist)	uomerr.	Showing 1 to 2 of 2 Previous   Next
Persistent StoresForeign JNDI ProvidersWork Contexts	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Iow do L  Create JDBC generic data sources Create JDBC GridLink data sources	New Delete			Showing 1 to 2 of 2 Previous   Next
Create JDBC multi data sources Delete JDBC data sources Delete JDBC multi data sources				
ystem Status				
lealth of Running Servers				

6. To create a new data source, click 'New' and select 'Generic Data Source'. The following screen is displayed.

🖉 Create a New JDBC Data Source - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀					
🚱 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalJDBCDataSourcePortletreturnTo=GlobalJDBCDataSourceTablePage&GlobalJCBCDataSourceTablePage&Gl	DBCDataSourceTablePortlethandle=c 💌 🐓 🗶 Google Powered Pandion Search 🛛 🔎 🔹			
Elle Edit View Favorites Tools Help					
🚖 🚸 🌈 Create a New JDBC Data Source - f	cubs113_domain	🟠 👻 🗟 👘 🖶 Bage 🕶 🎯 Tools 👻			
ORACLE WebLogic Server®	Administration Console	Q 🔤			
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source				
domain.	Back Next Finish Cancel				
	JDBC Data Source Properties				
Release Configuration	The following properties will be used to identify your new JDBC data source.				
Domain Structure	* Indicates required fields				
fcubs113_domain	What would you like to name your new JDBC data source?				
E-Services	4 * Name: FLEXTEST.WORLD				
Data Sources Persistent Stores Foreign JNDI Providers	What JNDI name would you like to assign to your new JDBC Data Source?				
Work Contexts	JNDI Name:				
XML Registries XML Entity Caches 	ELAIES: WORLD				
How do I					
Create JDBC generic data sources	What database type would you like to select?				
Create LLR-enabled JDBC data sources	Database Type: Oracle Y				
System Status	Back Next Finish Cancel				
Health of Running Servers					
Failed (0)					
Critical (0) Overloaded (0)					
Warning (0)					
OK (2)					



7. Specify the following details:

JDBC Datasource Name	Name of the data source
JNDI Name	JNDI name which will be used for lookup
Database Type	Type of the database which is Oracle

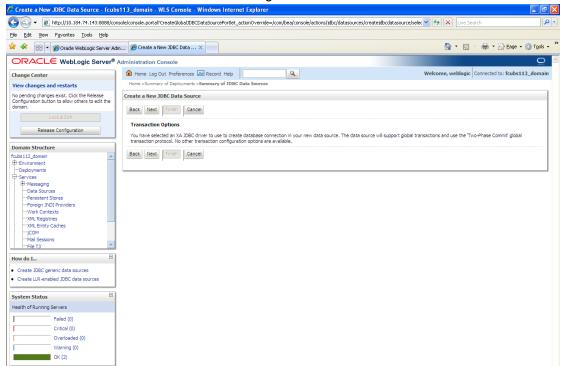
8. Click 'Next'.

The following screen is displayed:	
🚹 Home Log Out Preferences 🔤	Record Help
Home >Summary of Services >Summar	y 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 t	to use to create database connections? Note: * indicates that the driver is explicitly supported by C
Database Driver:	*Oracle's Driver (Thin XA) for Service connections; Versions:Any
Back Next Finish Cancel	

Click next.



9. Select the database driver as shown in the figure. Click 'Next'.



10. Specify the Database Name, Host Name, Port of the database server to connect, Database User Name and Password. Confirm the password.

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Inte	ernet Explorer	
🕞 🕞 👻 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortl	et_actionOverride=/com/bea/console/actions/jdbc/datasourc	es/createjdbcdatasource/addC 💌 🐓 🔀 Google Powered Pandion Search 🛛 🔎 💌
Elle Edit View Favorites Iools Help			
🚖 🕸 🌈 Create a New JDBC Data Source - fr	cubs113_domain		🛐 🔹 🔝 🕤 🖶 Page 🗸 🎯 Tgols 🗸
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
domain.	Back Next Finish Cancel		
	Connection Properties		
Release Configuration	Define Connection Properties.		
Domain Structure	What is the name of the database you would like t	to connect to?	
fcubs113_domain	Database Name:	KERDEV2	
Deployments		KERDEV2	
⊕-Services ⊕-Messaging	What is the name or IP address of the database se	erver?	
Data Sources	Host Name:	10.10.10.10	
Persistent Stores     Foreign JNDI Providers		10.10.10	
Work Contexts	What is the port on the database server used to c	connect to the database?	
TXML Registries	Port:	1010	
jCOM Mail Sessions			
-File T3	What database account user name do you want to	o use to create database connections?	
How do I	Database User Name:	FCPB1121	
Create JDBC generic data sources			
Create LLR-enabled JDBC data sources	What is the database account password to use to	create database connections?	
Sustam Status	Password:	•••••	
System Status			
Health of Running Servers	Confirm Password:	•••••	
Failed (0) Critical (0)	Back Next Finish Cancel		
Overloaded (0)			
Warning (0)			
OK (2)			



#### 11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	omain - WLS Console - Windows Internet E	Explorer		
🚱 🔵 🗢 🙋 http:// <b>127.0.0.1</b> :7101/console	e/console.portal?CreateGlobalJDBCDataSo	urcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasource	s/cr 🔻 🖄 🐓 🗙 🔀 Google	• م
X 🛛 McAfee 📗 🔻				
🖕 Favorites 🛛 🍰 🔊 Web Slice Gallery 🕇	•			
🏉 Create a New JDBC Data Source - DefaultDo	omain		🛐 🔻 🖾 👻 🖃 🖶 👻 <u>P</u> age 🕶 Safety 🕶	T <u>o</u> ols 🕶 🔞 🕶
	Administration Console			Q
Change Center	🙆 Home Log Out Preferences 🔤 Rea	cord Help	Welcome, weblogic Connected to:	DefaultDomain
View changes and restarts	Home >Summary of JDBC Data Sources			
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New JDBC Data Source			
modify, add or delete items in this domain.	Test Configuration Back Next	Finish Cancel		
Domain Structure	Test Database Connection			
DefaultDomain	Test the database availability and the o	onnection properties you provided.		
Deployments     Services	What is the full package name of JDBC dr	river class used to create database connections in the connection pool?		
Messaging	(Note that this driver class must be in the	e dasspath of any server to which it is deployed.)		
E-JDBC				
Multi Data Sources	Driver Class Name:	oracle.jdbc.OracleDriver		
Persistent Stores	What is the LIRL of the database to com	ect to? The format of the URL varies by JDBC driver.		
Foreign JNDI Providers				
Work Contexts	URL:	jdbc.oracle.thin@10.10.10		
How do I	What database account user name do yo	ou want to use to create database connections?		
Create JDBC data sources	Database User Name:	FCPB1121		
Create LLR-enabled JDBC data sources	What is the database account password	to use to create database connections?		
System Status		t, enter the password in the Password field instead of the Properties field below		
System Status  Health of Running Servers				
Failed (0)	Password:	•••••		
Critical (0)				
Overloaded (0) Warning (0)	Confirm Password:	•••••		
OK (1)	What are the properties to pass to the J	DBC driver when creating database connections?		
	Properties:			
	user=FCPB1121			
	What table name or SQL statement would	d you like to use to test database connections?		

- 12. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver).
- 13. Specify the URL.
- 14. jdbc:oracle:thin:@10.10.10.10:1001<INSTANCE\_NAME>Specify the Database Username (Eg: FCPB1121) and password.
- 15. Confirm the password.
- **16.** Click 'Test Configuration' tab.



If the connection is established successfully, the message 'Connection test succeeded' is displayed.

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows In	ternet Explorer		- 2 🛛
💽 🗸 🖉 http://10.184.74.143:8888/cor	nsole/console.portal?CreateGlobalJDBCDataSourcePor	tlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/t	est 💙 🛃 🔀 Google Powered Pandion Search	P -
Elle Edit View Favorites Tools Help				
😭 🔅 Create a New JDBC Data Source - fi	cubs113_domain		🟠 • 🔂 🕤 🖶 • 🕞 Bage • (	🕽 T <u>o</u> ols 🔹 🎽
	Administration Console			Q ^
Change Center	🏦 Home Log Out Preferences 🔤 Record He		Welcome, weblogic Connected to: fcubs113	_domain
View changes and restarts	Home »Summary of JDBC Data Sources Messages			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Connection test succeeded.			
Lock & Edit	Create a New JDBC Data Source			
Release Configuration	Test Configuration Back Next Finish	Cancel		
Domain Structure	Test Database Connection			
fcubs113_domain	Test the database availability and the connection	on properties you provided.		
Environment	What is the full package name of JDBC driver cla	ss used to create database connections in the connection pool?		
Deployments Services Messaging	(Note that this driver class must be in the classpa	th of any server to which it is deployed.)		=
Data Sources Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver		
Work Contexts XML Registries	What is the URL of the database to connect to?	The format of the URL varies by JDBC driver.		
XML Entity Caches				
JCOM	URL:	jdbc:oracle.thin:@10.10.10.		
	What database account user name do you want	to use to create database connections?		
How do I	Database User Name:	FCPB1121		
Create JDBC generic data sources				
Create LLR-enabled JDBC data sources	What is the database account password to use t	to create database connections?		
System Status	(Note: for secure password management, enter	the password in the Password field instead of the Properties field below)		-
Health of Running Servers	Password:	•••••		
Faled (0)				
Critical (0)	Confirm Password:	•••••		
Overloaded (0)				
Warning (0)	What are the properties to pass to the JDBC driv	ver when creating database connections?		
OK (2)	Properties:			
	user=FCPB1121			
Done			🔍 Local intranet 🛛 🤫	.100% • .:
NOTIN-			Stora in a loc	10070

17. Click 'Next'.



#### The following screen is displayed:

🖉 Create a New JDBC Data Source - fcub	113_domain - WLS Console - Windows Internet Explorer	×
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/selec 💙 🍕 🗙 Google Powered Pandion Search 👘 🖉	-
Eile Edit View Favorites Tools Help		
🚖 🏟 🏉 Create a New JDBC Data Source - f	ubs113_domain 🔤 👻 📾 👻 🔂 👘 👻 Bage 💌 🛞 Tools 🗸	
	Administration Console	^
Change Center	🟦 Home Log Out Preferences 🗟 Record Help	
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Back         Hext         Fnish         Cancel	
Release Configuration	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.	
Domain Structure fcubs113 domain	Servers	
Cools in Johnson     Benvironment     Deprivyments     Deprivyments     Dervices     Dressaging     "Data Sources     "Persistent Stores     "Persistent Stores	Image: Servers       Image: ManagedServer1	
Work Contexts     Will Registries     Will Registries     Will Ently Caches     Gom     Mail Sessions     ₩File T3     W	Back West Finan Cancel	
How do I		
Create JDBC generic data sources     Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

**18.** Check the boxes against the required servers. Click 'Finish'. The following screen is displayed:

displayed.						
	s113_domain - WLS Console - Windows Internet		1000	Goode Powered Pandion Search		
	nsole/console.portal?_nfpb=true&_pageLabel=GlobalJDBCDa	ataSourceTablePage		<ul> <li>✓ K Google Powered Pandion Search</li> <li>✓ ✓</li> </ul>		
Ele Edit Yiew Favorites Tools Help McAfee /						
🛊 🏘 🎉 Summary of JOBC Data Sources - Foubst 13_domain 🔤						
	Administration Console			Q 🗠		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	We	Icome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources					
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources					
Activate Changes	Configuration Monitoring					
Undo All Changes	A 1000 data arrive to an altication of the the 1000 to		ectivity through a pool of JDBC connections. Applications car	I when a data was the DVDT has and they		
	borrow a database connection from a data source.	ee that provides database conn	ectivity through a pool of JUBC connections. Applications can	n look up a data source on the JND1 tree and then		
Domain Structure	This page summarizes the JDBC data source objects the	hat have been created in this d	omain.			
fcubs113_domain						
Deployments	Customize this table					
⊕-Services ⊕-Messaging	Data Sources (Filtered - More Columns Exist)					
Data Sources						
Persistent Stores	New V Delete			Showing 1 to 3 of 3 Previous   Next		
Foreign JNDI Providers Work Contexts	Name 🔅	Туре	JNDI Name	Targets		
XML Registries		Type	Shot name	Targets		
XML Entity Caches	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1		
	FCUBS 113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1		
How do I	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer		
Create JDBC generic data sources	New V Delete			Showing 1 to 3 of 3 Previous   Next		
Create JDBC GridLink data sources						
Create JDBC multi data sources						
Delete JDBC data sources						
Delete JDBC multi data sources						
Surban Shahar						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						



**19.** Click 'Activate Changes' button. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

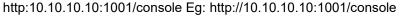
🖉 Summary of JDBC Data Sources - fcub	s113_don	nain - WLS Console - Wi	indows Internet Exp	plorer			
G S + le http://10.184.74.143:8888/co	nsole/consol	le.portal?_nfpb=true&_pageL	abel=http://10.184.74.3	143:8888/console/console	portal?_nfpb=true&_pageLabel=GlobalJ	DBCDataSourc 👻 🐓 🗙 Google Powered Pandion Se	earch 👂 🔹
Elle Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp O McAfee /							
👷 🏘 🌈 Summary of JDBC Data Sources - fo	cubs113_dor	main				🏠 🔹 🔝 👘 🖶 📴 Bag	e + 🎯 T <u>o</u> ols + '
ORACLE WebLogic Server®	Administr	ration Console					Q
Change Center	🔒 Hor	me Log Out Preferences 🔼	Record Help	Q		Welcome, weblogic Connected to: fcut	s113_domain
View changes and restarts	Home Messag	>Summary of JDBC Data So	urces				
Click the Lock & Edit button to modify, add or delete items in this domain.		ges I changes have been activated	d. No restarts are neces	sary.			
Lock & Edit	Summa	ary of JDBC Data Sources					
Release Configuration	Config	guration Monitoring					
frubs113_doman     A       D*Environment     Defervices       D*Gervices     B       Messaging     Data Sources       -Presistent Stores     -Presistent Stores       -Presistent Stores     -Presistent Stores       -Wick Contexts     -Wick Sources       -WAR, Explores     -WAR, Explores       -WAR, Entry Caches     -WOM	borro This p Cust Data Click t	ow a database connection from page summarizes the JDBC da tomize this table o Sources (Filtered - More the <i>Lock &amp; Edit</i> button in the www	m a data source. Ita source objects that h Columns Exist)	ave been created in this d	omain.	ns. Applications can look up a data source on the JNOI the	
Mail Sessions		Name 🏟		Туре	JNDI Name	Targets	
How do I		FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer 1	
Create JDBC generic data sources     Create JDBC GridLink data sources		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Create JDBC GridLink data sources     Create JDBC multi data sources		FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources     Delete JDBC multi data sources	Nev	w 🕶 Delete				Showing 1 to 3 of 3 Prev	rious   Next
System Status         Image: Control of Status           Failed (0)         Oritical (0)           Overloaded (0)         Overloaded (0)           Overloaded (0)         Overloaded (0)							]

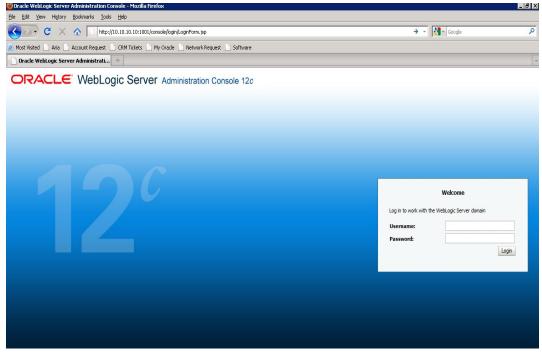
- **20.** The datasource has been created.
- **21.** Refer to "Resources\_To\_ Be\_Created.doc" for the list of XA datasources to be created.



## 7.2.1.3 Non-XA Enabled Data Source

1. Follow the steps given below:Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.





2. Specify the Weblogic administrator user name and password. Click 'Log In'.



#### 3. Navigate to Oracle Weblogic home page.

	S Console - Windows Internet Explorer		
🗲 👻 http://10.184.74.143:8888/o	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
e <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee ∕			
Home Page - fcubs113_domain -	WLS Console		🏠 🔹 🔝 👘 🖶 Page 🔹 🎯 Tgols
DRACLE WebLogic Server	<sup>B</sup> Administration Console		Q
hange Center	🏠 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domai
iew changes and restarts	Home		
ick the Lock & Edit button to modify, add or elete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
LOCK & EOR	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure GridLink for RAC Data Source	Read the documentation	
main Structure	Recent Task Status	<ul> <li>Ask a guestion on My Oracle Support</li> </ul>	
bs113_domain	Set your console preferences	Oracle Guardian Overview	
Environment Deployments			
Services	Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability Diagnostics	Domain	Messaging	WTC Servers
Diagnostics		<ul> <li>JMS Servers</li> </ul>	<ul> <li>Jolt Connection Pools</li> </ul>
	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
	Clusters	<ul> <li>Path Services</li> </ul>	Log Files
	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
	Migratable Targets	Data Sources	<ul> <li>Diagnostic Images</li> </ul>
w do I	Coherence Servers	<ul> <li>Persistent Stores</li> </ul>	Request Performance
	Coherence Clusters	<ul> <li>XML Registries</li> </ul>	Archives
earch the configuration	Machines	<ul> <li>XML Entity Caches</li> </ul>	Context
Jse the Change Center	Work Managers	<ul> <li>Foreign JNDI Providers</li> </ul>	SNMP
ecord WLST Scripts	<ul> <li>Startup And Shutdown Classes</li> </ul>	<ul> <li>Work Contexts</li> </ul>	
hange Console preferences		<ul> <li>jCOM</li> </ul>	Charts and Graphs
Ionitor servers	Your Deployed Resources	<ul> <li>Mail Sessions</li> </ul>	<ul> <li>Monitoring Dashboard 6</li> </ul>
tom Status	Deployments	FileT3	
tem Status		• JTA	
	Your Application's Security Settings     Security Realms		
Failed (0)	<ul> <li>Security Realms</li> </ul>		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)	1		



#### The following screen is displayed:

	s113_domain - WLS Console - Windows Internet			
	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.	74.143:8888/console/consc	ile.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	Google Powered Pandion Search
Ele Edit View Favorites Iools Help McAfoe /				
😭 🏘 🏀 Summary of JDBC Data Sources - fo	ubs113_domain			🚹 🔹 🔝 🐘 🖷 🔂 Page 🗸 🎯 Tools 🗸 🎽
	Administration Console			Q 🏼
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	We	elcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release	Summary of JDBC Data Sources			
Configuration button to allow others to edit the domain.	Configuration Monitoring			
Lock & Edit				
Release Configuration	A JDBC data source is an object bound to the JNDI tree borrow a database connection from a data source.	that provides database co	nnectivity through a pool of JDBC connections. Applications ca	in look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data source objects that	at have been created in this	: domain.	
fcubs113_domain				
Environment     Deployments	Customize this table			
- Deployments 	Data Sources (Filtered - More Columns Exist)			
⊞-Messaging	New V Delete			Showing 1 to 2 of 2 Previous   Next
Data Sources     Persistent Stores	New .	1		Showing 1 to 2 of 2 Previous   Next
Foreign JNDI Providers	🔲 Name 🗇	Туре	JNDI Name	Targets
Work Contexts XML Registries	FCUBS113	Generic	idbc/fcidevDS	ManagedServer 1
XML Entity Caches				
Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer 1
i iFile T3	New 🗸 Delete			Showing 1 to 2 of 2 Previous   Next
How do I				
Create JDBC generic data sources				
Create JDBC GridLink data sources				
Create JDBC multi data sources				
Delete JDBC data sources     Delete JDBC multi data sources				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
ОК (2)				



4. Expand 'Services' and then 'Data Sources' under it. Click 'Lock & Edit' button.

🖉 Summary of JDBC Data Sources - fcub	s113_domain - WLS Console - Wi	indows Internet Explorer			BX
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Ele Edit Yiew Favorites Tools Help O McAfee / -					
🔶 🎄 🄏 Summary of JDBC Data Sources - fo	cubs113_domain			🏠 🔹 🔝 👘 🖶 🔛 Bage 🕶 🍈 Tor	iols • »
ORACLE WebLogic Server®	Administration Console			, and a second se	Q ^
Change Center	🔒 Home Log Out Preferences 🔼	Record Help	We	elcome, weblogic Connected to: fcubs113_dom	nain
View changes and restarts	Home >Summary of JDBC Data So	urces			_
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JDBC Data Sources Configuration Monitoring				
Release Configuration	A JDBC data source is an object bo borrow a database connection from		nnectivity through a pool of JDBC connections. Applications ca	.n look up a data source on the JNDI tree and then	
Domain Structure	This page summarizes the JDBC da	ta source objects that have been created in thi	s domain.		
fcubs113_domain	Customize this table	Columns Exist)			
Data Sources	New 🛩 Delete			Showing 1 to 2 of 2 Previous   Next	:
Persistent Stores     Foreign JNDI Providers     Work Contexts	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets	
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1	
XML Entity Caches 	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
File T3	New 🛩 Delete			Showing 1 to 2 of 2 Previous   Next	÷
How do I					- 1
Create JDBC generic data sources Create JDBC criduit data sources Delete JDBC mild data sources Delete JDBC mild data sources Delete JDBC mild data sources System Status Health of Running Servers Faled (0) Critical (0) Critic					

5. To create a new data source, click 'New' and select 'Generic Data Source'.

		ole/console.portalPCreateGlobalUDBCDataSourcePortletreturnTo=GlobalUDBCDataSourceTablePage&	
Change Center   Wetwordsages and restarts   Perford dorper exit. They must be schward   Perford dorper exit. Schward exit.	jle Edit Yew Favorites Iools Help		
Vectory Controls     Concil Control     Concil	🚱 🔹 🍘 PCUBSWiki - Enabling Debug	🖉 Create a New JDBC Data X	🗿 • 🔝 - 🖶 • 🔂 Bage • 🕥 Tgols •
Were changes and restards   Parely drouges exist. They must be activate:   Image:   Image:<	ORACLE WebLogic Server® A	dministration Console	0
View Contacts	Change Center	A Home Log Out Preferences A Record Help	Welcome, weblogic Connected to: fcubs113_domain
bit bits effect.   Image: A colusts Danges   Domain Structure   bits: Jobane P   Decision P	View changes and restarts	Home >Summary of IDBC Data Sources >PCUBS113 >Summary of Deployments >PCUBS113Dev >Sum	mary of Deployments >Summary of IDBC Data Sources >FCUBS113 >Summary of IDBC Data Sources
Vindial Catages         Vindial Structure         Obs11_Structure         Obs12_Structure         Definition         Operations         Previous         Definition         Operations         Previous         Definition         Operations         Previous	Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Jonnain Structure   Jonnain Structure   Destill Johnnie   Johnnie   Johnnie   Destill Johnnie   Destill Johnnie   Johnnie   Destill Johnnie   Destill Joh	Activate Changes	Back Next Frien Cancel	
Domain Structure       * Indicates required fields         Distance       * Undicates required fields         Destination       * Undicates required fields         Destination       * Indicates required fields         What would you like to name your new IDBC data source?       * Indicates required fields         Main Stores       * Indicates required fields         What XIDI name would you like to assign to your new IDBC Data Source?       * Indicates required fields         Vice Intro Carbes       Indicates required fields       * Indicates required fields         Vice Intro Carbes       * Indicates required fields       * Indicates required fields         Vice Intro Carbes       * Indicates required fields       * Indicates required fields         Vice Intro Carbes       * Indicates required fields       * Vice Intro Vice IntroVice Intro Vice	Undo All Changes		
Substitutionent   Deskinement   Deskinement <td>Domain Structure</td> <td></td> <td></td>	Domain Structure		
Order Nuess       Pressions         Pressions       Pressions         Pressions <td></td> <td></td> <td></td>			
Image: FDUBSDOW         Data Sources         Persident Stores         -More Sources         -Create LLR enabled 208C data sources         -Create LLR enabled 208C data sources         -Paice (0)         - Paiced (0)         - Overhoaded (0)		What would you like to name your new JDBC data source?	
Pesitian Stares       What JUCI name would you like to assign to your new JOBC Data Source?         Mode Sessions       Image: Sessions         Coreate LIR-enabled JOBC data sources       Image: Sessions         System Status       Oracle         Failed (0)       Overloaded (0)	(D-Messaging	of *Name: FCUBSDS	
Image: Services       Image: Services         YML Brits/ Caches       Image: Services         YML Brits/ Caches       Image: Services         YML Brits/ Caches       Image: Services         Oreste UBC generic data sources       Image: Services         System Status       Image: Services         Patch of Running Services       Image: Services         Patch of Running Services       Image: Services         Ortical (0)       Image: Services         Overloaded (0)       Image: Services	Persistent Stores	What JNDI name would you like to assign to your new JDBC Data Source?	
Image: Sessions     Image: Sessions		a JNDI Name:	
Mail Sessions       Image: Construction of the sources         Create USE Ceneric data sources       Image: Construction of the sources         System Status       Image: Construction of the sources         Failed of Running Servers       Image: Construction of the sources         Failed (0)       Orracle         Overloaded (0)       Image: Construction of the sources	-XML Entity Caches	jdbc/fcjdevDS	
Create URD C data sources Create URD C data sources System Status Health of Running Servers Failed (0) Cricica (0) Overloaded (0) Cricica			
Create LR-enabled JDBC data sources      System Status     Failed (0)     Orisol (0)     Overloaded (0)	How do L		
System Status     Database Type:     Oracle       Feldt of Rumning Servers     Elock     Maxix     Frider       Crinical (0)     Crinical (0)     Cancel		What database type would you like to select?	
System Status         Encel           realth of Running Servers         Encel           Pailed (0)         Critical (0)           Overloaded (0)         Encel		Database Type:	
Failed (0)	System Status	CridCle	
Critical (0) Overloaded (0)	iealth of Running Servers	Back Next Finan Cancel	
Overloaded (0)	Faled (0)		
	Critical (0)		
Warning (0)	Overloaded (0)		
	Warning (0)		



6. Specify the following details:

JDBC Datasource Name	Name of the Datasource
JNDI Name	JNDI for lookup
Database Type	Oracle

7. Click 'Next'.

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer	
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Eile Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp @ McAfee*		
🚖 🎄 🌈 Create a New JDBC Data Source - f	cubs113_domain	🟠 🔹 🗟 🔹 🖶 🕈 🔂 Page 🔹 🎯 Tgols 🔹 🎽
	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🗁 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source           Back         Next         Finitin         Cancel           JDBC Data Source Properties         The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Orade	
Fouber 113_domain     Image: Constraint of the constraint	What database driver would you like to use to greate database connections? Note: " indicates that the driver is explicitly sup Database Driver: "Oracle's Driver (Thin) for Instance connections; Versions: 9.0.1 and later Back Next Finish Cancel	oported by Oracle WebLogic Server.
System Status  Health of Running Servers		
Faled (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)		

8. Select the database driver as shown in the figure. Click 'Next'.



Following screen is displayed:

Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer					
🕒 🕞 👻 🙋 http://10.184.74.143:8888/cor	$sole/console.portal? CreateGlobal DBCD ataSourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasources/createglobal DBCD ataSourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/console/actions/jdbc/datasourcePortlet\_actionOverride=/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/com/bea/co$	tejdbcdatasource/selec 👻 🛃 🔀 Google Powered Pandion Search 🛛 🔎				
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🖌 🎄 🌈 Create a New JDBC Data Source - f	cubs113_domain	🖄 🔹 🔝 🕤 🖶 🖬 Page 🔹 🎯 Tgols 🕶				
ORACLE WebLogic Server®	Administration Console	Q				
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	Create a New JDBC Data Source           Back         Inst.         Frintin         Cancel           Transaction Options					
Release Configuration	You have selected non-XA JDBC driver to create database connection in your new data source.					
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.					
Toubsits domain       Image: Supports Global Transactions         Image: Deprivation of the support of the su						
XML Entity Caches	Emulate Two-Phase Commit					
How do I	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transacti other resources can participate in the global transaction.	ions using the one-phase commit transaction processing. With this option, no				
Create JDBC generic data sources     Create LLR-enabled JDBC data sources  System Status	One-Phase Commit     Back Next Finish Cancel					
Health of Running Servers						
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           O(x (2))						

9. Select Logging Last Resource then uncheck 'Support Global Transactions'. Click 'Next'. The following screen is displayed:

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Internet E	xplorer			- 7 🛛	
🚱 🗸 🖉 http://10.184.74.143:8888/con	isole/console.portal?CreateGlobalJDBCDataSourcePortlet_action	nOverride=/com/bea/console/actions/jdbc/dataso	urces/createjdbcdatasource/addC 💌	← K Google Powered	I Pandion Search	
Ele Edit View Favorites Iools Help						
😭 🔅 Create a New JDBC Data Source - fr	cubs113_domain			🔂 • 🖻 * 🖶	• 📄 Bage • 🎯 Tools • 🍟	
	Administration Console				Q 🗖	
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	We	come, weblogic Connec	ted to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Back Next Finish Cancel					
Release Configuration	Connection Properties					
Release Conliguration	Define Connection Properties.					
Domain Structure	What is the name of the database you would like to conner	ct to?				
fcubs113_domain	Database Name:	KERDEV2				
-Deployments						
Messaging	What is the name or IP address of the database server?					
Data Sources Persistent Stores	Host Name:	10.10.10.10				
Foreign JNDI Providers Work Contexts	What is the port on the database server used to connect t	o the database?				
XML Registries	Port:					
јСОМ	Fore	1010				
Mail Sessions	What database account user name do you want to use to	create database connections?				
How do I	Database User Name:	FCPB1121				
Create JDBC generic data sources	What is the database account password to use to create d	latabase connections?				
Create LLR-enabled JDBC data sources	Password:					
System Status	Password.	•••••				
Health of Running Servers	Confirm Password:	•••••				
Failed (0)						
Critical (0)	Back Next Finish Cancel					
Overloaded (0) Warning (0)						
OK (2)						
(2)						



- 10. This screen defines the connection properties. Set the details as given below:
- 11. Specify the Database Name, Host Name, Port of the database server to connect, Database User Name and Password. Confirm the password.
- 12. Click 'Next'. The following screen is displayed.

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet	Explorer	
	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_act	ionOverride=/com/bea/console/actions/jdbc/datasources/createjd	bcdatasource/test( 👻 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 💌
Elle Edit View Favorites Iools Help			
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🚖 🕸 🌈 Create a New JDBC Data Source - fo	ubs113_domain		🟠 👻 📾 👘 🔂 Page + 🎯 Tools +
	Administration Console		Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Q.	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
domain.	Test Configuration Back Next Finish Canc	.ei	
Release Configuration	Test Database Connection		
Release computation	Test the database availability and the connection prope	erties you provided.	
Domain Structure	What is the full package name of JDBC driver class used	to create database connections in the connection pool?	
fcubs113_domain	(Note that this driver class must be in the classpath of a	ny server to which it is deployed.)	
Deployments EServices			
Services     Process     Process	Driver Class Name:	oracle.jdbc.OracleDriver	
** Data Sources *** Persistent Stores	What is the URL of the database to connect to? The for	mat of the URL varies by JDBC driver.	
···Foreign JNDI Providers	URL:		
Work Contexts	one.	jdbc:oracle:oci:@10.10.10	
····XML Entity Caches ····iCOM	What database account user name do you want to use	to create database connections?	
Mail Sessions	Database User Name:	FCPB1121	
How do I			
Create JDBC generic data sources	What is the database account password to use to create		
Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the pas	sword in the Password field instead of the Properties field below)	
	Password:		
System Status		••••••	
Health of Running Servers	Confirm Password:	•••••	
Failed (0) Critical (0)			
Overloaded (0)	What are the properties to pass to the JDBC driver when	n creating database connections?	
Warning (0)	Properties:		
OK (2)			
	The set of driver properties whose values are derived at	t runtime from the named system property.	
Done	Eustan Departies		Local intranet 🔍 100% 👻
Dolle			Tocal intranet 🔍 100% 🔹

- 13. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver)
- 14. Specify the URL.
- Default URL: jdbc:oracle:thin:@10.10.10.10:1001:<INSTANCE\_NAME>. Change the default URL to: jdbc:oracle:oci:@10.10.10:1010:<INSTANCE\_NAME>
- 15. Specify the Database Username (Eg: testdb) and password.
- 16. Confirm the password.
- 17. Click 'Test Configuration' tab.



**18.** If the connection is established successfully, the message 'Connection test succeeded' is displayed.

Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Inter	net Explorer				
C C + Attp://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet;	actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdataso	urce/test( 👻 🐓 🗙 Google Powered Pandion Search 🖉 💌			
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🚖 🏘 🌈 Create a New JDBC Data Source - fo	:ubs113_domain		💁 • 🔝 🕤 🖶 • 📴 Bage • 🎯 Tgols • 🎽			
	Administration Console		Q 🏠			
Change Center	💼 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.					
Lock & Edit	Create a New JDBC Data Source					
Release Configuration	Test Configuration Back Next Finish C	ancel				
Domain Structure	Test Database Connection					
fcubs113_domain	Test the database availability and the connection p	roperties you provided.				
B-Environment Deployments	What is the full package name of JDBC driver class u	sed to create database connections in the connection pool?				
⊕-Services ⊕-Messaging	(Note that this driver class must be in the classpath of	of any server to which it is deployed.)	E			
***Data Sources ***Persistent Stores ***Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver				
···Work Contexts ···XML Registries ···XML Entity Caches	What is the URL of the database to connect to? The	format of the URL varies by JDBC driver.				
jCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.				
i infletta	What database account user name do you want to u	se to create database connections?				
How do L	Database User Name:	FCPB1121				
Create LLR-enabled JDBC data sources	What is the database account password to use to cr	eate database connections?				
System Status	(Note: for secure password management, enter the	password in the Password field instead of the Properties field below)				
Health of Running Servers Failed (0)	Password:	••••••				
Critical (0)	Confirm Password:					
Overloaded (0)		•••••				
Warning (0)	What are the properties to pass to the JDBC driver when creating database connections?					
OK (2)	Properties:					
	user=FCPB1121					
Done			Secol intranet 🔍 100% 🔹 🛒			

**19.** Click 'Next'. The following screen is displayed:

Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source
Activate Changes Undo All Changes	Back Next Cancel
Domain Structure SOADOM3 ⊕-Domain Partitions ⊕-Environment	Select Targets You can select ere 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
DeploymentsDeployments B-MessagingData SourcesPersistent StoresForeign JNDI Providers	AdminServer     Soa_server1
Work Contexts XML Registries XML Enkity Caches 	Back Next Finish Cancel
How do I	
Create JDBC generic data sources     Create LLR-enabled JDBC data sources	
System Status	
Health of Running Servers as of 8:12 PM	
Failed (0) Critical (0) Critical (0) Warning (0)	



**20.** Check the boxes against the required servers(for data source jdbc/fcjdevDS, it is mandatory to check the admin server as well as application-deployed server). Click 'Finish'. The following screen is displayed:

Summary of JDBC Data Sources - fci	ubs113_don	nain - WLS Console - Windows Internet Ex	plorer			_ 6	
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e <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /							
🔅 🏟 🍘 Summary of JDBC Data Sources	- fcubs113_dor	main			💁 • 🔊 · 🖶 • 🗗 Page • 🎯	Tools	
	Administr	ration Console				Q	
hange Center	Hor	me Log Out Preferences 🔤 Record Help	We	Welcome, weblogic Connected to: fcubs113_domain			
liew changes and restarts	Home	>Summary of JDBC Data Sources					
ending changes exist. They must be activated	Summa	ary of JDBC Data Sources					
b take effect.	Config	guration Monitoring					
<ul> <li>Activate Changes</li> </ul>							
Undo All Changes	A 104	BC data source is an object bound to the INDI tree th	at provider databare con	nectivity through a pool of JDBC connections. Applications ca	an look up a data source on the INDI tree and the		
		ow a database connection from a data source.	ar provides database com	iccarry anough a pool of sobie connections. Appreciations of			
omain Structure	This	page summarizes the JDBC data source objects that h	have been created in this c	omain			
ubs113_domain							
-Environment Deployments		tomize this table					
"Services	/ Cust	lomize this table					
⊕-Messaging	Data	Sources (Filtered - More Columns Exist)					
Data Sources							
Persistent Stores	INEV	Delete			Showing 1 to 3 of 3 Previous   N	ext	
Foreign JNDI Providers Work Contexts		Name 🛞	Туре	JNDI Name	Targets		
XML Registries		indire + +	1105	Shot here	Torgeo		
XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1		
COM		FCUBS113Branch	Generic	idha (feidar OCP) and	ManagadCarriert		
Mail Sessions File T3		FCUBSII3Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1		
		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer		
Create JDBC generic data sources	Nev	w 🗸 Delete			Showing 1 to 3 of 3 Previous   N	ext	
Create JDBC generic data sources							
Create JDBC multi data sources							
Delete JDBC data sources							
Delete JDBC multi data sources							
belete bbbc multi data sources							
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ealth of Running Servers							
Failed (0)							
ealth of Running Servers Falled (0) Critical (0) Overloaded (0)							
ealth of Running Servers Falled (0) Critical (0)							

**21.** Click 'Activate Changes' button. Click 'Activate Changes' button on the left pane.



The message 'All the changes have been activated. No restarts are necessary' is displayed.

Summary of JDBC Data Sources - fcub	s113_domain - WLS Console - Windows Internet B	xplorer					
🕒 🕤 👻 http://10.184.74.143:8888/coi	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.7	4.143:8888/console/consol	a,portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	Google Powered Pandion Search			
Ele Edit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp © McAfee /							
🖌 🏟 🌈 Summary of JDBC Data Sources - fo	cubs113_domain			🏠 🔹 🔝 👘 🖶 🔹 📴 Bage 🔹 🎯 Tgols 🔹			
ORACLE WebLogic Server®	Administration Console			Ŏ			
Change Center	🔞 Home Log Out Preferences 🔤 Record Help	We	Welcome, weblogic Connected to: fcubs113_domai				
View changes and restarts	Home >Summary of JDBC Data Sources						
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages  Al changes have been activated. No restarts are necessary.						
Lock & Edit	Summary of JDBC Data Sources						
Release Configuration	Configuration Monitoring						
<sup>™</sup> Deployments <sup>™</sup> Deployments <sup>®</sup> Services <sup>®</sup> <sup>®</sup> Messaging <sup>®</sup> <sup>®</sup> Data Sources <sup>®</sup> <sup>®</sup> Persistent Stores <sup>™</sup> <sup>®</sup> Persistent Stores <sup>™</sup> <sup>®</sup> NUP Noviders <sup>™</sup> <sup>®</sup>	This page summarizes the JOBC data source objects the Customize this table Data Sources (Filtered - Hore Columns Exist) Click the Lock & Editbutton in the Change Center to ac Therway Desire			Showing 1 to 3 of 3 Previous   Next			
	Name 🏟	Туре	JNDI Name	Targets			
How do I	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1			
Create JDBC generic data sources	FCUBS113Branch	Generic	idbc/fcidevDSBranch	ManagedServer 1			
Create JDBC GridLink data sources     Create JDBC multi data sources	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer			
<ul> <li>Delete JDBC data sources</li> <li>Delete JDBC multi data sources</li> <li>Delete JDBC multi data sources</li> </ul>	New Y Delete		1	Showing 1 to 3 of 3 Previous   Next			
System Status  System Status Health of Running Servers Faled (0) Contical (0) Overloaded (0)							
Warning (0) OK (2)							

- 22. 'FCUBSDS' datasource is created.
- 23. Click the datasource, and then click on the Connection Pool tab.



	dministration Console						Q
Change Center	🔒 Home Log Out Preferences 🛛	Record Help			Q		Welcome, weblogic Connected to: DefaultDomai
View changes and restarts	Home >Summary of Services: JDBC	>Summary of JDBC	Data Sources	s >fcjdevDS	>Summary of	Services: JDBC >Summ	ary of JDBC Data Sources >fcjdevDS >Summary of JDBC Data Sources > <b>fcjdevDS</b>
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for fcjdevDS						
modify, add or delete items in this domain.	Configuration Targets Mon	itoring Control	Security	Notes			
Domain Structure	General Connection Pool 1	Transaction Diag	gnostics I	dentity Opt	ons		
DefaultDomain	Save						
Services     Hessaging     Hessaging     DBC    Persistent Stores    Foreign JNDI Providers	The connection pool within a JDBC within it are created when the cor Use this page to define the config	nnection pool is reg	gistered, usu	ally when s	arting up Wel	t applications reserve, bLogic Server or when	use, and then return to the pool. The connection pool and the connections deploying the data source to a new target.
Coherence Clusters Work Contexts XML Registries	of URL:	jdbc:oracle:o	oci:@10.10	0.10.10:10	10:CPU11G	2	The URL of the database to connect to. The format of the URL varies by JDBC driver. More ${\rm Info}\ldots$
XIML Entity Caches	🏀 Driver Class Name:	oracle.jdbc.0	OracleDrive	ır			The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More Info
100 00 1	🚰 Properties:						The list of properties passed to the JDBC driver that are used to create
Create JDBC data sources     Configure testing options for a JDBC data     source     Configure the statement cadhe for a JDBC     connection pool     Configure and the statement of the st	user=FC1202tune						physical database connections. For example: server edbasever L List each property-walue pair on a separate line. More Info
System Status	街 Password:	•••••	•••••	••			The password attribute passed to the JDBC driver when creating physical database connections. More Info
Health of Running Servers Failed (0)	Confirm Password:	•••••	•••••	••			
Critical (0) Overloaded (0)	Initial Capacity:	1					The number of physical connections to create when creating the connection pool. More Info
Warning (0) OK (1)	Maximum Capacity:	15					The maximum number of physical connections that this connection pool can contain. More $\mbox{Info}\ldots$
	Capacity Increment:	1					The number of connections created when new connections are added to the connection pool. More Info
	🏀 Statement Cache Type:	LRU 👻					The algorithm used for maintaining the prepared statements stored in the statement cache. More Info
	Statement Cache Size:	200					The number of prepared and callable statements stored in the cache. (This may increase server performance.) More Info
	Advanced Save						

- 24. Select the statement cache type as 'LRU'.
- 25. Specify the statement cache size as '200'.
- 26. Click 'Save'.
- 27. Refer to "Resources\_To\_ Be\_Created.doc" for the list of Non-XA datasources to be created.

#### Note the following

- You need to create another data source for Oracle FCUBS with the JNDI name '<Non-XA FCUBS HOST JNDI name>\_ASYNC' for batch process. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for FCUBS with the JNDI name 'jdbc/fcjdevDS\_ASYNC'.
- While creating a branch using the 'Branch Parameters Maintenance' (STDBRANC) screen, if you have created a data source for the branch, then you need to create a corresponding ASYNC data source with the JNDI name '<Non-XA FCUBS BRANCH JNDI name>\_ASYNC'.
- You need to create another data source for Oracle ELCM with the JNDI name '<ENTITY\_ID JNDI name>\_EL'. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for FCUBS with the JNDI name 'jdbc/fcjdevDS\_EL'. Ensure that the checkbox "Support Global Transaction" is checked and select "Emulate Two-Phase Commit" for ELCM data source.



• Tthe following are the list of datasources that can be created depending on the requirement. Please refer to the document Resources\_to\_be\_created.docx for more information -

Purpose	Datasource Name	JNDI Name	
FCUBS	FCUBS Data source	jdbc/fcjdevDS	
SMS	SMS_Datasource_	jdbc/fcjdevDSSMS	
VAMS	VAMS_DATASOURCE	jdbc/fcvamDS	
Gateway	FLEXTEST.WORLD	FLEXTEST.WORLD	
Async data source	Async data source <u>FCUBS DS_ASYNC</u> jdbc/fcjdevDS_		
Scheduler	Scheduler_Datasource	jdbc/fcjSchedulerDS	

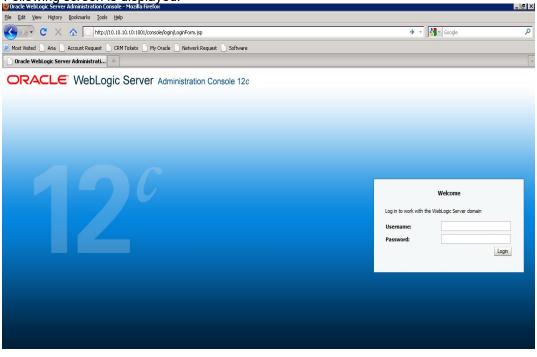
# 7.2.2 JMS Server Creation

Follow the steps given below:

1. Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.

http://10.10.10.10:1001/console Eg: http://10.10.10.10:1001/console

Following screen is displayed:



- 2. Specify the Weblogic administrator user name and password. Click 'Log In'.
- 3. Navigate to Oracle Weblogic home page.



🕽 💽 🔻 🙋 http://10.184.74.143:8888/ci	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		👻 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🖌
ile <u>E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /			
🖌 🍄 🌈 Home Page - fcubs113_domain - V	WLS Console		🟠 🔹 🗟 👘 🖶 🗛 🔿 🙆 Tools -
	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	— Information and Resources		
	Helpful Tools	General Information	
	<ul> <li>Configure applications</li> </ul>	<ul> <li>Common Administration Task Descriptions</li> </ul>	
	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>	
omain Structure	<ul> <li>Recent Task Status</li> </ul>	<ul> <li>Ask a question on My Oracle Support</li> </ul>	
ubs113_domain P-Environment	<ul> <li>Set your console preferences</li> </ul>	Oracle Guardian Overview	
Deployments 3-Services	- Domain Configurations		
- Services Security Realms	Domain	Services	Interoperability
-Interoperability	Domain	Messaging	WTC Servers
B-Diagnostics	- Contain	<ul> <li>JMS Servers</li> </ul>	Jolt Connection Pools
	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	- 34 44 44 44
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
	Clusters	<ul> <li>Path Services</li> </ul>	Log Files
	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
iouu de T		Persistent Stores	Request Performance
low do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	Foreian JNDI Providers	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		<ul> <li>jCOM</li> </ul>	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
ystem Status 🖂	Deployments	<ul> <li>FileT3</li> <li>JTA</li> </ul>	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Following screen is displayed:



C Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows Int	ternet Explorer			
🔆 💽 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel	=JmsServerJMSServerTablePage		✓ 47 ×	Google Powered Pandion Search
Ele Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee /					
😭 🏟 🌈 Summary of JMS Servers - fcubs113	3_domain - WLS C			<u>ن</u>	• 🔊 👘 • 🔂 Page • 🎯 Tgols •
ORACLE WebLogic Server®	Administration Console				Ŏ
Change Center	🔒 Home Log Out Preferences 🔤 Re	ecord Help		Welcome, we	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Servers			
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers				
Lock & Edit Release Configuration	-	iners for the queues and topics in JMS modules that ar that have been created in the current WebLogic Serv	-		
Domain Structure fcubs 113_domain  #-EnvironmentDeploymentsServicesdeployment	Customize this table JMS Servers (Filtered - More Colu Click the <i>Lock &amp; Edit</i> button in the Chi	mns Exist) ange Center to activate all the buttons on this page.			
-Messaging					Showing 0 to 0 of 0 Previous   Next
Store-and-Forward Agents	🗌 Name 🔅 🛛	Persistent Store	Target	Current Server	Health
Path Services ⊡-Bridges		There an	e no items to display		
Data Sources Persistent Stores Foreign JNDI Providers Work Contexts Work Contexts	New Delete				Showing 0 to 0 of 0 Previous   Next
How do L					
Configure JMS servers     Configure JMS system modules      System Status     Health of Running Servers     Critical (0)     Overloaded (0)     Warning (0)					
OK (2)					

5. Expand 'Services' and then 'Messaging' and 'JMS Server 'under it. Click 'Lock & Edit' button.

C Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows Ir	nternet Explorer			- 6 🛛	
🕒 🕞 🐑 😰 http://10.184.74.143.88888/console.console						
Ele Edit View Favorites Tools Help • McAfee // •						
🔶 🏘 🏀 Summary of JMS Servers - fcubs113	I_domain - WLS C			🙆 • 🖾 ·	🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽	
	Administration Console				Q 🗠	
Change Center	🏠 Home Log Out Preferences 🔤 R	Record Help		Welcome, weblogic Co	onnected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JMS Servers					
Lock & Edit	JMS servers act as management cont	tainers for the queues and topics in JMS modules that a	are targeted to them.			
Release Configuration	This page summarizes the JMS server	s that have been created in the current WebLogic Ser	ver domain.			
Domain Structure	Customize this table					
fcubs113_domain  Environment	JMS Servers (Filtered - More Col	umns Exist)				
Deployments	New Delete		Showing	Showing 0 to 0 of 0 Previous   Next		
⊕-Services ⊕-Messaging	□ Name ↔	Persistent Store	Target	Current Server	Health	
···· <u>JMS Servers</u> ····Store-and-Forward Agents			re no items to display			
JMS Modules	New Delete					
i Bridges				Showing	to to o or o Previous (Next	
Data Sources Persistent Stores						
Foreign JNDI Providers     Work Contexts						
How do L.						
Configure JMS servers						
Configure JMS system modules						
System Status						
Health of Running Servers						
Failed (0) Critical (0)						
Overloaded (0)						
Warning (0)						
ОК (2)						



6. Click 'New'.

🖉 Create a New JMS Server - fcubs113_domain - WLS Console - Windows Internet Explorer	💶 🗗 🔀
🚱 🕞 👻 🖉 http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=JmsServerCreate_IMSServer&ImsServerCreate_IMSServer&Portlet_actionOverride=/com/bea/console/ 🗹 😏 🗙	Google Powered Pandion Search
File Edit View Favorites Tools Help	
O McAfee A	
🚖 🏟 🖉 Create a New JMS Server - fcubs113_domain - WLS C	🔹 🔝 🝸 🌐 🔹 🔂 Page 🗸 🎯 Tools 🔹 🎽
ORACLE WebLogic Server® Administration Console	Q 🗠
Change Center 🔐 Home Log Out Preferences 🖾 Record Help 🔍 Welcome, v	weblogic Connected to: fcubs113_domain
View changes and restarts Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JHS Servers	
No pending changes exist. Click the Release Create a New JMS Server	
doman. Incl & Edit	
JMS Server Properties	
Release Configuration The following properties will be used to identify your new JMS Server.	
Pomain Structure Indicates required fields	
fcubs113_domain	
Environment     What would you like to name your new JMS Server?     Deployments	
0-Services de * Name: FCUBS JMSServer	
B-Messaging → JMS Servers	
Store-and-Forward Agents Specify persistent store for the new Jims Server.	
JNS Modules Persistent Store: (none) V Create a New Store	
B-Bridges	
Parts Sources Back Next, Finish, Cancel	
Foreign INDI Providers	
Li IWork Contexts	
Configure JMS system modules	
Configure custom persistent stores	
System Status	
Health of Running Servers	
Failed (0)	
Critical (0)	
Overloaded (0)	
Warning (0)	
OK (2)	

7. Specify the following details:

	pecify the name of MS Server.
--	----------------------------------

- 8. Click 'Create a new Store' button. The following screen is displayed.
- 9. Select 'File Store' as the type and click 'Next'.



🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🗸 🖉 http://10.184.74.143:8888/com	nsole/console.portal?JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/newStore	Google Powered Pandion Search
Elle Edit Yiew Favorites Tools Help		
😭 🏟 🏀 Create a New JMS Server - fcubs11	I3_domain - WLS C	🏠 🔻 🖾 🔹 🖶 🕈 📴 Bage 🕶 🍈 T <u>o</u> ols 👻 🎽
	Administration Console	
Change Center	The Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JHS Server           Dark         From         Cancel           Select a store type.         Please select the type of store you wish to create from the lat.	
Domain Structure	Type:	
fcds 113 domain	Back Next Frieff Cancel	
System Status		
Health of Running Servers		
Faled (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)		

#### Following screen is displayed:

Change Center	Home Log Out Preferences	🟦 Home Log Out Preferences 🖾 Record Help							
View changes and restarts	Home >Summary of Security Realm	Home >Summary of Security Realms >Summary of Persistent Stores >POUBSFIeStore >Summary of Persistent Stores							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New File Store Back Next Finish Car								
Lock & Edit Release Configuration	File Store Properties The following properties will be	File Store Properties							
Domain Structure	* Indicates required fields	used to identify your new the store.							
PM122ITR2									
Domain Partitions     P-Environment	What would you like to name you	r new file store?							
DeploymentsServicesMessaging	* Name:	FileStore-0							
Data Sources	What scope do you want to creat								
···Foreign JNDI Providers ···Work Contexts	Scope:	Global							
···XML Registries ···XML Entity Caches	The pathname to the directory or	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.							
jCOM V Mail Sessions	Directory:	C/FCUBS_FileStore ×							
How do I	Back Next Finish Car	cel							
Create File Stores     Monitor persistent stores									
Monitor persistent stores	ļ								
System Status	1								
Health of Running Servers									
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)									

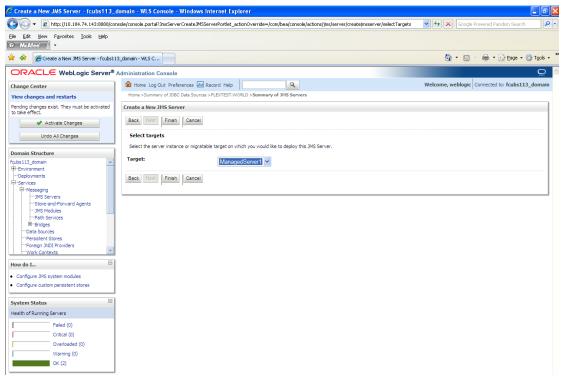
- 10. To identify the new File Store, specify the following properties:
  - Specify the file store name as FCUBS\_FileStore.
  - Select a server. For this file store, you may select ManagedServer1 (created by the user).
  - Specify the Filestore Directory path as C:/FCUBS\_FileStore.
  - o Click 'OK'.

The following screen is displayed with message 'File store created successfully'.



#### 11. Click 'Next'.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/com	nsole/console.portal?3ms5erverCreate3MS5erverPortlet_actionOverride=/com/bea/console/actions/jms/stores/createjmsfilestore/finish	🖌 🛃 🔀 Google Powered Pandion Search
Elle Edit View Favorites Tools Help		
🚖 🕸 🌈 Create a New JMS Server - fcubs11	I3_domain - WLS C	🟠 🔹 🔝 🔹 🖶 🔹 🔂 Eage 👻 🎯 Tools 🔹 🍟
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers Messages	
Pending changes exist. They must be activated to take effect.	✓ File store created successfully.	
Activate Changes	Create a New JMS Server	
Undo All Changes	Back Next Finish Cancel	
Domain Structure	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?    What would you like to name your new JMS Server?	
Configure custom persistent stores		
Suctom Statur		
System Status		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



12. Select the target managed server. Click 'Finish'.



Summary of JMS Servers - fcubs113_	_domain	n - WLS Console - Windows Interne	t Explorer			- 8
🕽 🕤 👻 🙋 http://10.184.74.143:8888/cc		Google Powere	d Pandion Search			
je Edit Vjew Favorites Iools Help ● McAfee // ・						
🕈 🍄 🌈 Summary of JMS Servers - fcubs11	13_domair	in - WLS C			🏠 • 🖻 - 🖶	🔹 🔂 Page 🔹 🍈 Tools 🔹
	Admin	nistration Console				Q
hange Center	6	Home Log Out Preferences 🔤 Record H	Help		Welcome, weblogic Conne	cted to: fcubs113_domain
iew changes and restarts	Ho	ome >Summary of JDBC Data Sources >FLEXT	EST.WORLD >Summary of JMS Servers			
ending changes exist. They must be activated o take effect.		ssages Ø JMS Server created successfully				
Activate Changes	Gum	nmary of JMS Servers				
Undo All Changes	Juli	initiary of JF15 SCIVEIS				
ondo Ali ondigeo		114C	or the queues and topics in JMS modules that a			
omain Structure				-		
ubs113 domain	T	This page summarizes the JMS servers that h	ave been created in the current WebLogic Ser	ver domain.		
Environment						
Deployments	₽c	Customize this table				
Services		uc carrow (characterized and calarate				
-Messaging	JI	MS Servers (Filtered - More Columns E	xist)			
Store-and-Forward Agents		New Delete			Showing 1 to	1 of 1 Previous   Next
JMS Modules	1.10					
Path Services		🔲 Name 🗠	Persistent Store	Target	Current Server	Health
I⊞-Bridges Data Sources		FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
Persistent Stores		FCUBS_JMSServer	rcobs_niestore	Manageuserveri	Manageuserveri	
Foreign JNDI Providers		New Delete			Showing 1 to	1 of 1 Previous   Next
Work Contexts						
low do I						
Configure JMS servers						
Configure JMS system modules						
vistom Statur	- -					
ystem Status						
ealth of Running Servers						
Failed (0)	1					
Critical (0)	I					
Overloaded (0)	I					
Overloaded (0) Warning (0) OK (2)						

- 13. The message 'JMS Server created successfully' is displayed.
- 14. Click 'Activate Changes' under Change Center. The message 'All changes have been activated. No restarts are necessary' is displayed.

## 7.2.3 JMS Modules Creation

Follow the steps given below:

1. Navigate to the WEBLOGIC Home Page. Click 'JMS Modules' on domain structure by expanding 'Messaging'.



## The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
🚱 🕤 👻 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
Eile Edit Yiew Favorites Tools Help		
👷 🏟 🄏 JMS Modules - fcubs113_domain - V	MLS Console	🏠 🔹 🔝 🔹 🖶 🔹 🔂 Eage 🕶 🎯 Tgols 📼 🎽
ORACLE WebLogic Server®	Administration Console	Q 🖄
Change Center	🔒 Hame Lag Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WO	RLD >Summary of JMS Servers >JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	JMS Modules	
Lock & Edit Release Configuration	JWS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, top distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively con resources. This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure	This page summarizes the JHS system modules that have been cleated for this domain.	
fcubs113_domain ▲ ⊕=Environment ⊡=Services ⊡=Services □= ^+Nessaging □= ↓=>NIS Servers	Customize this table JHS Modules Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.	
Store-and-Forward Agents	New	Showing 0 to 0 of 0 Previous   Next
Path Services  B-Bridges	□ Name ŵ Type	
Data Sources	There are no items to display	
Foreign JNDI Providers     Work Contexts	New Delete	Showing 0 to 0 of 0 Previous   Next
How do I		
Configure JMS system modules		
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

2. For creating New JMS System Modules, click 'Lock & Edit' button.

🖉 JMS Modules - fcubs113_domain - WLS	Console - Window	vs Internet Explorer						- 6 🗙
🕒 🗸 🖌 🛃 http://10.184.74.143:8888/cons	ole/console.portal?_nf	pb=true&_pageLabel=http://10.1	84.74.143:8888/console/con	ole.portal?_nfpb=true&_pageLabel=	=JmsModulesTablePage 💙 🐓	Google P	owered Pandion Search	<b>P</b> •
Ele Edit View Favorites Iools Help • McAfee /								
🚖 🎄 🏀 3M5 Modules - fcubs113_domain - WL	.S Console					🙆 • 🔊 -	🖶 🔹 🔂 <u>P</u> age 🔹 🍈	Tools • »
	dministration Con	sole						<u>o</u>
Change Center	🙆 Home Log Out	Preferences 🐼 Record Help	٩		Welcon	me, weblogic	Connected to: fcubs113_d	lomain
View changes and restarts	Home >Summary o	f JDBC Data Sources >FLEXTEST.W	ORLD >Summary of JMS Serve	rs >Summary of JDBC Data Sources >FI	LEXTEST.WORLD >Summary of .	JMS Servers >JMS	Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules	irces are configured and stored as	s modules similar to standard :	2EE modules. Such resources include	queues, topics, connection fac	tories, templates;	, destination keys, quota,	
Release Configuration	resources.	s, distributed topics, foreign server		rd (SAF) parameters. You can adminis omain.	stratively configure and manage	e JMS system moo	dules as global system	
Domain Structure								
fcubs113_domain	Customize this	table						
Deployments Deployments	JMS Modules							
Messaging	New Delete					Showing	g 0 to 0 of 0 Previous   Ne	ext
JMS Servers Store-and-Forward Agents	🔲 Name 🔅				Туре			
				There are no items to display				
-Bridges	New Delete					Showin	q 0 to 0 of 0 Previous   Ne	ext
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								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								



3. Click 'New' button. The following screen is displayed.

🖉 Create JMS System Module - fcubs113	3_domain - WLS Console - Windows Internet Explorer	
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/co	$on sole/console.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortlethandle=com.bea.com/dot/sole_co$	console.handles. JT 💌 🔄 🗙 🛛 Google Powered Pandion Search 🖉 🔹
Eile Edit Yiew Favorites Tools Help		
🚖 🎄 🍘 Create JMS System Module - fcubs	s113_domain - WL5	🛐 🔻 🔝 🔹 🖶 🕈 🔂 Bage 🕶 🎯 Tools 🗸 🎽
ORACLE WebLogic Server®	Administration Console	Q 🔄
Change Center	🖻 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXT	EST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create JHS System Module Back Next Finish Cancel	
Lock & Edit Release Configuration	The following properties will be used to identify your new module.	
Domain Structure fcubs113_domain	2VS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queue distributed queues, distributed topics, foreign servers, and 3MS store-and-forward (SAF) parameters. You can administrativ resources.	ues, topics, connection factories, templates, destination keys, quota, vely configure and manage JMS system modules as global system
B-Environment Deployments E-Services	* Indicates required fields	
Hersaging     Hersaging     Hersaging	What would you like to name your System Module?	
Store-and-Forward Agents JMS Modules Path Services	*Name: FCUBS_SystemModule	
E Bridges	What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.	
Data Sources     Persistent Stores     Foreign JNDI Providers	Descriptor File Name: FCUBS_SystemModule	
H-Work Contexts	Where would like to place the descriptor for this System Module, relative to the jms configuration sub-directory of your doma	ain?
How do I 😑	Location In Domain:	
Configure JMS system modules     Configure JMS servers	Back Next Finish Cancel	
System Status 🗉		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		
Mahlania Casua Manines 10.2.4.0	1	

Enter the System Module Name as FCUBS\_SystemModule.

Enter the Description File Name as FCUBS\_SystemModule.

4. Click 'Next'.



The following screen is displayed.

🖉 Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?CreateJMSSystemModulePortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createmo	idule/selectTargets 🍟 🐓 🗙 Google Powered Pandion Search 🖉 🔹
Eile Edit Yiew Favorites Tools Help • McAfee •		
😭 🏟 🌈 Create JMS System Module - fcubs1	113_domain - WL5	🟠 👻 🔜 👘 🖶 Bage 👻 🎯 Tgols 👻
	Administration Console	Q 🗠
Change Center	💼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEX	XTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JMS System Module	
domain.	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module.	
Domain Structure	Use this page to select the server or duster on which you would like to deploy this JMS system module. You can reconfig	ure targets later if you wish.
fcubs113_domain	Targets :	
Environment     Deployments		
Deproyments E-Services	Servers	
i → Messaging		
	AdminServer	
3MS Modules		
Path Services	ManagedServer1	
I⊞-Bridges		
Data Sources	Back Next Finish Cancel	
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)		

5. Check the box against the server created. Click 'Next'. The following screen is displayed.

🖉 Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Exp	plorer	- 8 🛛
	nsole/console.portal?CreateJMSSystemModulePortlet_action	)Override=/com/bea/console/actions/jms/modules/system/createmodule/newResource 💌 🚱 🗙 🛛	Google Powered Pandion Search
Elle Edit Yiew Favorites Tools Help McAfee /			
😭 🍄 🄏 Create JMS System Module - fcubs1	113_domain - WL5	🛅 -	🔊 🔹 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽
	Administration Console		Q 🔤
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, web	logic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO	RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serve	rs >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit. Release Configuration	Create JMS System Module           Back         Hext         Finish         Cancel           Add resources to this JMS system module		
Domain Structure	Use this page to indicate whether you want to immed	lately add resources to this JMS system module after it is created. JMS resources include queues, topics,	connection factories, etc.
fcubs 113. Jomain  Fcubs 113. Jomain  Fcubs 113. Jomain  Foregoryments  Foregorym	Would you like to add resources to this JM     Back Tree: Finan, Cancel	IS system module?	
System Status			
OK (2)			



6. Click 'Finish' button. The following screen is displayed.

🗲 🕒 🔹 🙋 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /		
r 🕸 🌈 JM5 Modules - fcubs113_domain -	- WLS Console	🏠 🔹 🗟 👘 🖶 Page 🕶 🎯 Tgols
DRACLE WebLogic Server	Administration Console	Q
hange Center	🖻 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
Fiew changes and restarts ending changes exist. They must be activated o take effect.	Hone -Summary of JDBC Data Sources >FLEXTEST.WORLD -Summary of JMS Servers >Summary of JDBC Data Messages Into JMS module was created successfully.	a Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
Activate Changes Undo All Changes	JHS Modules	
omain Structure	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resour distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You resources.	
Environment Deployments	This page summarizes the JMS system modules that have been created for this domain.	
Environment Deployments Services 다-Messaging		
⊢Environment Deployments -Services G=Messaging IMS Servers Store-and-Forward Agents	This page summarizes the JMS system modules that have been created for this domain.  Customize this table JHS Hodules	
←Environment →Deployments →Services ←Messaging ←JMS Servers	This page summarizes the JMS system modules that have been created for this domain.	Showing ito lofi Previous   Next
-Environment Deployments Services Hessaging 	This page summarizes the JWS system modules that have been created for this domain.  Customize this table JHS Hodules	Showing ito iof i Previous   Next
HEnvroment Deployments Services H-345 Servers -315 Servers -315 Hobules -Pan Services B- Indiges -Data Sources -D	This page summarizes the JMS system modules that have been created for this domain.  Customize this table JHS Hodules  New Deterte	
Environment           Deployments           Services           El Messaging          JSD Servins          Store and Forward Agents          JSD Services           El Brodges          Data Sources          Parts Services          Partservices	This page summarizes the JMS system modules that have been created for this domain.  Customize this table JHS Hodules  New Delete  PCLBS_SystemModule  New Delete	Туре
Persionment     Deployments     Services     Pression     Parsent Table Services     Parsent Forward Agents     Pars Services     Pars Services     Pars Services     Pars Services     Pars Services     Port Stores	This page summarizes the JMS system modules that have been created for this domain.  Customize this table JHS Hodules  New Delete  PCLBS_SystemModule  New Delete	Type System
Environment Deployments Deployments -Services -Services -Services -State-surves -State-surves -Path Services -Petrologies -Petrologies -Petrologies -Services -Petrologies -Services -Services -Services -Services -Services -Services -Services -Work Contexts	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Fidules  New Orders  FCL85_SystemModule  New Orders	Type System
Environment Deployments Services Provides Provi	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Hodules  Rome @  Rome @  Rome @  CUSS_SystemModule  New Delete	Type System
Environment  Persponnent Persp	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Hodules  Rome @  Rome @  Rome @  CUSS_SystemModule  New Delete	Type System
Environment  Persponnent Persp	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Hodules  Rome @  Rome @  Rome @  CUSS_SystemModule  New Delete	Type System
Environment  Persponnent Persponnents Personnent Person	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Hodules  Rome @  Rome @  Rome @  CUSS_SystemModule  New Delete	Type System
Environment Perceptionents Perceptio	This page summarizes the JMS system modules that have been created for this domain.  Customize this table  INS Hodules  Rome @  Rome @  Rome @  CUSS_SystemModule  New Delete	Type System

7. Click 'Activate Changes' button on the left pane.

The message 'All the changes have been activated. No restarts are necessary' is displayed.

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
🚱 🕤 🗸 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfp	ob=true&_pageLabel=JmsModulesTablePage 🗸 😚 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help		
🚖 🏟 🎉 JMS Modules - fcubs113_domain - 1	VLS Console	🟠 👻 🖶 👘 Page 👻 🎯 Tgols 👻 🍟
ORACLE WebLogic Server®	Administration Console	Q 🛆
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of	JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	<ul> <li>Messages</li> <li>All changes have been activated. No restarts are necessary.</li> </ul>	
Lock & Edit	JMS Modules	
Release Configuration		
Domain Structure	distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) param	uch resources include queues, topics, connection factories, templates, destination keys, quota, eters. You can administratively configure and manage JMS system modules as global system
fcubs113_domain	resources.	
Environment	This page summarizes the JMS system modules that have been created for this domain.	
Deployments		
P-Messaging	Customize this table	
JMS Servers	JMS Modules	
Store-and-Forward Agents	Click the Lock & Edit button in the Change Center to activate all the buttons on this page.	
Path Services		
🕀 -Bridges		Showing 1 to 1 of 1 Previous   Next
Data Sources Persistent Stores		
Foreign JNDI Providers	Name 🗞	Туре
Work Contexts	FCUBS_SystemModule	System
How do I	New Delete	Showing 1 to 1 of 1 Previous   Next
<ul> <li>Configure JMS system modules</li> </ul>		
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



# 7.2.4 Subdeployment Creation

Follow the steps given below:

1. Navigate to the WEBLOGIC Home Page. Click 'JMS Modules' on domain structure by expanding 'Messaging'.

The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
😋 🕞 👻 🛃 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143	🖌 🍕 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit Yiew Favorites Tools Help O McAfee /		
😭 🏘 🏀 JM5 Modules - fcubs113_domain - V	/LS Console	🏠 🔹 🔝 👘 🖷 🔂 Page 🕶 🎯 Tools 🗸 🚿
	Administration Console	Q 🗠
Change Center	Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Sum	mary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules	
Lock & Edit Release Configuration	2MS system resources are configured and stored as modules similar to standard 22EE modules. Such resources include queues, topics, conn distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure an resources.	
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.	
fcubs113_domain	Customize this table JHS Hodules	
⊟Messaging	New Delete	Showing 1 to 1 of 1 Previous   Next
JMS Servers Store-and-Forward Agents JMS Modules	□ Name ↔	Туре
Path Services	FCUBS_SystemModule	System
B Bridges →Data Sources →Persistent Stores →Foreign JNDI Providers	New, Delete	Showing 1 to 1 of 1 Previous   Next
Work Contexts		
How do I		
Configure JMS system modules		
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
·		

2. Click 'Lock & Edit' button.



**3.** Select the JMS module created earlier.

Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console -	Windows Internet Ex	cplorer			- 7 🛛		
🕒 🗸 🖉 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLa	oel=JM55ystemModuleCo	nfigGeneralPage&handle=com	.bea.console.handles.JMXHandle%28%22cc	m.b 👻 🗲 🗙 Google Powered Pandion Search	P •		
Elle Edit Yiew Favorites Tools Help								
😭 🏟 🏀 Settings for FCUBS_SystemModule -	fcubs113_domai				🏠 🔹 🗟 👘 🖶 🖬 🛃 Page 🔹 (	🎲 Tools 🔹 🂙		
	Administration Console					Q 🙆		
Change Center	🏠 Home Log Out Preferences 🔤	Record Help		Welcome, weblogic Connected to: fcubs113	3_domain			
View changes and restarts	Home > Summary of JOBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modulas > FCUBS_System/Hodule							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModul	e						
Lock & Edit	Configuration Subdeployments	Targets Security	Notes					
Release Configuration	This page displays general informati	on about a JMS system m	odule and its resources. It also	allows you to configure new resources and	access existing resources.			
Domain Structure fcubs113_domain	Name: FCUBS_Sys Descriptor File Name: jms/FCUBS_		emModule	The name of this	JMS system module. More Info			
Environment			SystemModule-jms.xml	The name of the	IMS module descriptor file. More Info			
E⊐services	This page summarizes the JMS resov destination quota, distributed destri Customize this table Summary of Resources				nection factories, JMS templates, destination sort key	ıs,		
Data Sources Persistent Stores Foreign JNDI Providers	New				Showing 0 to 0 of 0 Previous	Next		
Work Contexts	🔲 Name 🗇	Туре	JNDI Name	Subdeployment	Targets			
HOW 00 1			There a	re no items to display	·			
Configure JMS system modules     Configure subdeployments in JMS system     modules	New Delete				Showing 0 to 0 of 0 Previous	Next		
Configure resources for JMS system modules								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

4. Click 'Subdeployments' tab.

Settings for FCUBS_SystemModule - for	ubs113_domain - WLS Console - Windows Internet Expl	orer	
🚱 🗸 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleSubD	eploymentTabPage&handle=com.bea.console.handles.JMXHandle%28%2	2 Soogle Powered Pandion Search
Ele Edit View Favorites Tools Help			
🚖 🔅 Settings for FCUB5_SystemModule	- fcubs113_domai		🏠 🔹 🔝 👘 🖶 🍷 📴 Bage 👻 🎯 Tgols 🗸 🍟
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🚵 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summ Modules >FCUBS_SystemModule	ary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Si	ummary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule		
domain.	Configuration Subdeployments Targets Security No.	otes	
Release Configuration	This page displays subdeployments created for a JMS system mo grouped and targeted to a server resource (such as JMS server	idule. A subdeployment is a mechanism by which JMS module resources (su s, server instances, or cluster).	uch as queues, topics, and connection factories) are
Domain Structure			
P-Environment	Customize this table		
Deployments Services	Subdeployments		
⊟-Messaging	New Delete		Showing 0 to 0 of 0 Previous   Next
	🔲 Name 🌣	Resources	Targets
JMS Modules		There are no items to display	
Bridges     Data Sources	New Delete		Showing 0 to 0 of 0 Previous   Next
Persistent Stores			
Foreign JNDI Providers     Work Contexts			
How do I			
<ul> <li>Configure subdeployments in JMS system</li> </ul>			
modules			
Configure JMS system modules			
System Status 😑			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			



5. Click 'New'. The following screen is displayed.

🖉 Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
😋 🕤 👻 http://10.184.74.143:8888/con	sole/console.portal?]msSystemModuleCreateSubDeploymentPortletreturnTo=JMSSystemModuleSubDeploymentPortletreturNo=JMSSystemModuleSubDeploymentPortletreturNo=JMSSystemModuleSubDeploymentPortletreturNo=JMSSystemModuleSubDeploymentPortletreturNo=JMSSystemNoduleSubDeploymentPortletreturNo=JMSSystemNoduleSubDeploymentPortletreturNo=JMSSystemNoduleSubDeploymentPortletreturNo=JMSSystemNoduleSubDeploymentPortletreturNo=JM	loymentTabPage&JM55ystemModuleSubDe 💙 😽 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹
Elle Edit Yiew Favorites Tools Help		
😭 🏘 🌈 Create a New Subdeployment - fcub	1113_domain - W	🟠 🔹 🔚 🔹 📴 Page 👻 🎯 Tgols 👻
ORACLE WebLogic Server®	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JI Modules >FCUBS_SystemModule	DBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Subdeployment Properties	
Domain Structure	The following properties will be used to identify your new subdeployment.	
fcubs113 domain	* Indicates required fields	
Environment	* Subdeployment Name:	
Deployments	- Subdeployment Name: FCUBS	
In the staging In the stage of the stage o	Back Next Finish Cancel	
Store-and-Forward Agents		
⊞-Bridges		
Data Sources		
-Foreign JNDI Providers		
Work Contexts		
How do I		
Configure subdeployments in JMS system		
modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

6. Specify the Subdeployment Name as 'FCUBS'. Then click 'Next'.

## The following screen will be displayed.

Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
😋 🕤 👻 http://10.184.74.143:8888/cor	$nsole/console.portal?] msSystemModuleCreateSubDeploymentPortlet_actionOverride=/com/bea/console/actions/jms/modules/insole/actionS/insole/a$	system/createsubdep 🛛 🐓 🗙 Google Powered Pandion Search 🛛 🔎
Eile Edit Yiew Favorites Tools Help • McAfee •		
🚖 🔅 🌈 Create a New Subdeployment - fcut	bs113_domain - W	🟠 🔹 🗟 👘 🖶 Page 🗸 🎯 Tgols 🗸 🎽
	Administration Console	Q 🗠
Change Center	🔓 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FL Modules >FCUBS_SystemModule	EXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Targets	
Domain Structure	Please select targets for the Subdeployment	
fcubs113_domain	Servers	
E-Environment Deployments Services	HanagedServer1	
	JMS Servers	
Store-and-Forward Agents IMS Modules Path Services	FCUBS_JHSServer	
B-Bridges     Data Sources     Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers		
How do I		
Configure subdeployments in JMS system		
modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0) Overloaded (0)		
Warning (0)		
OK (2)		

7. Select the JMS Server (as created by the user).



- 8. Click 'Finish' button.
- 9. Following screen is displayed.

🖉 Settings for FCUBS_SystemModule - fcr	ubs113_domain - WLS Console - Windows Inte	rnet Explorer		×
🚱 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?_nfpb=true&_pageLabel=JMSSystemM	IoduleSubDeploymentTabPage	Google Powered Pandion Search	
Elle Edit View Favorites Iools Help • McAfee'				
😭 🏟 🏀 Settings for FCUBS_SystemModule -	fcubs113_domai		🟠 👻 🗟 🝸 🖶 👻 📴 Page 👻 🎯 Tgols 🤜	×
	Administration Console		Q	4
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule	RLD >Summary of JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers >JMS	
Pending changes exist. They must be activated to take effect.	Messages			
Activate Changes	Subdeployment created successfully.			
Undo All Changes	Settings for FCUBS_SystemModule			
ondo Air Changes	Configuration Subdeployments Targets Se	curity Notes		
Domain Structure fcubs113 domain				
	Customize this table Subdeployments		Showing 1 to 1 of 1 Previous   Next	
I Bridges □ Data Sources	🔲 Name 🏟	Resources	Targets	
Foreign JNDI Providers	FCUBS		FCUBS_JMSServer	
i How do L	New		Showing 1 to 1 of 1 Previous   Next	
Configure subdeployments in JMS system modules     Configure JMS system modules  System Status Health of Running Servers  Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0) OK (2)				
OK (2)				

10. Click 'Activate Changes'. Following screen is displayed.

				1 mars 1 m 11 m 1 m	
	onsole/console.portal?_nfpb=true&_pageLabel=h	http://10.184.74.143:8888/con	sole/console.portal?_nfpb=true&_pageLal	bel=JMSSystemModuleSut 💙 🔸	Google Powered Pandion Search
ile Edit Yiew Favorites Tools Help McAfee' / -					
🕻 🍄 🏀 Settings for FCUBS_SystemModul	e - fcubs113_domai				🐴 🔹 🔝 👘 🖷 🔹 🔂 Page 🕶 🍈 Ti
	Administration Console				
hange Center	🔒 Home Log Out Preferences 🔤 Reco	rd Help	Q	Welco	ome, weblogic Connected to: fcubs113_do
/iew changes and restarts	Home >Summary of JDBC Data Sources >FL Modules >FCUBS_SystemModule	EXTEST.WORLD >Summary of JP	IS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of	f JMS Servers >JMS
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages				
Lock & Edit	All changes have been activated. No re	estarts are necessary.			
Release Configuration	Settings for FCUBS_SystemModule				
. to bus configuration	Configuration Subdeployments Ta	argets Security Notes			
☐ Messaging	Customize this table				
	Subdeployments Click the <i>Lock &amp; Edit</i> button in the Chang New Delete	-	ttons on this page.	Turnak	Showing i to l of 1 Previous   Nex
⊖ Messaging → Store-and-Forward Agents → 3MS Modules → Path Services B <sup>+</sup> Fondges → Data Sources → Persistent Stores → Forcign JOI Forviders → Ender Sources	Subdeployments Cick the Lock & Editbutton in the Chang New Delete Name  Name	ge Center to activate all the but	ttons on this page.	Targets	Showing i to 1 of 1 Previous   Nex
⊖ Messaging     →MS Sarvers     →Store-and-Forward Agents     →TMS Modules     Path Services     ⊕Thoses     ⊕Thoses     ⊕Thoses     ⊖Persitent Stores     ←Persitent Stores     ←Persitent Stores     ←Work Contexts     ▼	Subdeployments Click the Lock & Editbutton in the Chang New Delete Name & FOURS	-	ttons on this page.	Targets FCUBS_JMSServer	Showing i to i of 1 Previous   Nex
Configure IMS system modules	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	ttons on this page.		Showing ito lof 1 Previous   Nex Showing ito lof 1 Previous   Nex
How Servers     How Contexts     Kow Go L     Configure subdeployments in JMS system     Modules     Configure JMS system modules     (configure	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	ttons on this page.		
How Servers     How Contexts     Kow Go L     Configure subdeployments in JMS system     Modules     Configure JMS system modules     (configure	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	tons on this page.		
Configure 3MS system modules     Configure 3MS system Status	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	ttons on this page.		
Configure JMS servers	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	ttons on this page.		
	Subdeployments Click the Lock & Editbutton in the Chang New Delate Click the Lock & Editbutton in the Chang New Delate Fours	-	ttons on this page.		



# 7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

	_ 2 🛛
	P •
Change Center View changes and restarts Click the Lock & Edit Dution to modify, add or delete items in this domain. Lock & Edit Recease Configuration Subdeployments Targets Security Notes	
Change Center       Welcome, weblogic       Connected to: fcubs11         View changes and restarts       Home Log Out Preferences       Record Help       Welcome, weblogic       Connected to: fcubs11         Click the Lock & Edit button to modify, add or detext terms in this domain.       Lock & Edit       Settings for FCUBS_systemHodule       Settings for FCUBS_systemHodule         Settings for FCUBS_systemHodule       Configuration       Subdeployments       Targets       Security       Notes	🎯 Tgols 🔹
University         Univer<	Q 🗠
Lock & Edit         Modules         Security         Modules           Lock & Edit         Configuration         Subdeployments         Targets         Security         Notes	3_domain
delete items in this domain.     Settings for FCUBS_SystemModule       Lock & Edit     Configuration       Release Configuration     Subdeployments	
Lock & Edt Configuration Subdeployments Targets Security Notes Release Configuration	
Domain Structure 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.	
Uomain Structure The name of this JMS system module. More Info	
P-Environment	
Cuego ments     Descriptor File Name: jms/PCUBS_SystemModule_jms.xml     The name of the JMS module descriptor File. More Info     der Messaging	
Heasagnig	γs,
-Path Services B-Bridges B customize this table	
-Data Sources Summary of Resources	
Persistent Stores     Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.	
Level at the second sec	Next
Configue and system induces	
modules intere are no items to display	
Configure resources for JNS system modules	INext
System Status	
Health of Running Servers	
Failed (0)	
I varing (v) OK (2)	
Critical (0) Overloaded (0) Warning (0)	

- 2. You need to set the configuration for FCUBS\_SystemModule is to be set.
- 3. Click 'Configuration'. Then click 'Lock & Edit'.



#### The Following screen is displayed.

🕒 🕥 👻 🙋 http://10.184.74.143:8888/o	onsole/console.portal?_nfpb=true&_pageLabel=JM	155ystemModuleConfigGeneralPage	~ 47	X Google Powered Pandion Search
ile Edit View Favorites Iools Help McAfee				
🖌 🏟 Settings for FCUBS_SystemModule	e - fcubs113_domai			🟠 🔹 🔝 👘 👘 🖶 Bage 🕶 🍈 Tgol:
	Administration Console			Ç
hange Center	🔒 Home Log Out Preferences 🔤 Record	d Help	Welcom	e, weblogic Connected to: fcubs113_doma
/iew changes and restarts	Home >Summary of JDBC Data Sources >FLE> Modules >FCUBS_SystemModule	XTEST.WORLD >Summary of JMS Servers >Summary of JDI	BC Data Sources > FLEXTEST.WORLD > Summary of JM	IS Servers >JMS
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Settings for FCUBS_SystemModule			
omain.	Configuration Subdeployments Targe	ets Security Notes		
Release Configuration	This page displays general information abo	ut a JMS system module and its resources. It also allows	you to configure new resources and access existing	g resources.
omain Structure	Name:	FCUBS_SystemModule	The name of this JMS system m	odule. More Info
Environment	Descriptor File Name:	ims/FCUBS SystemModule-ims.xml	The name of the JMS module de	
-Services -Messaging JMS Servers	This page summarizes the JMS resources th	jms/rCUBS_Systeminodule-jms.xmi nat have been created for this JMS system module, inclus , foreign servers, and store-and-forward parameters.		
15ervices ⊖ Messaging → 3MS Servers → 3MS Modules → 3MS Modules → Path Services ⊕ Pridges → Tota Sources	This page summarizes the 3MS resources the destination quota, distributed destinations, Customize this table Summary of Resources	nat have been created for this JMS system module, inclus		, 3MS templates, destination sort keys,
Genvices     Hessaging     Hassaging     TalkServers     Servers     Store-and-Forward Agents     H-and Modules     H-ath Services     Deta Sources     Deta Sources     Tereign NUD Providers	This page summarizes the JMS resources th destination quota, distributed destinations, Customize this table	nat have been created for this JMS system module, inclus		
ServicesMessageMS ServesStore-and-Forward AgentsMS ModulesParts ServicesParts SourcesParts SourcesPersitent StoresForeign JND Provides	This page summarizes the JMS resources the destination quota, distributed destinations,	nat have been created for this JMS system module, inclus		, 3MS templates, destination sort keys,
T-services	This page summarizes the JMS resources the destination quota, distributed destinations,	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	ries, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous   Next
Diservices → Messaging → Sorevers → Sorevers → Sorevers → Path Sodules → Path Sorvices → Path Sorvic	This page summarizes the JMS resources the destination quota, distributed destinations,	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	ries, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous   Next
	This page summarizes the JMS resources the destination quota, distributed destinations,	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
"Services	This page summarizes the JMS resources the destination quota, distributed destinations,	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
-Services -Messagne -Messa	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
Services	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
-Spruces -Shersange -Shersange -Shersand-Forward Agents -Ster-and-Forward Agents -Ster-And Sources -Shersatent Stores -Poresident Stores -Poreprint Data Sources -Foreign XXI Providers -Vick's Contexts wide I Configure 3NS system modules Configure resources for JNS system modules rstem Status	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
T-services → Messaying → Storevers → Storevers → Storevers → Storevers → Storevers → Path Services → Path Services	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
Diservices → Messaging → Juki Servers → Store-and-Forward Agents → Store-and-Forward Agents → Peth Services → Peth Ser	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next
Services     Messaging	This page summarizes the 3MS resources the destination quota, distributed destinations, distributed destinations, destinations of Resources           © Customize this table           Summary of Resources           New         Destre           New         Destre           New         Destre           New         Destre	nat have been created for this JMS system module, indu foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection facto	Showing 0 to 0 of 0 Previous   Next



**4.** Click 'New'. The following screen is displayed.

Create a New JMS System Module Re	source - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚫 👻 🙋 http://10.184.74.143:8888/	console/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateS	SystemModuleEntityPortletcurrentModule=FCUBS_Syster 🛛 😽 🔀 Google Powered Pandion Search 🛛 🖌
Edit View Favorites Tools Help McAfee /		
🛠 🏾 🏉 Create a New JMS System Modul	le Resource - fcubs11	🏠 👻 🔝 👘 🖶 Bage 🕶 🎯 Tgols
	Administration Console	Q
nge Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
v changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers > Modules >FCUBS_SystemModule	Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
ending changes exist. Click the Release iguration button to allow others to edit the ain.	Create a New JMS System Module Resource	
	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
ain Structure	Use these pages to create resources in a JMS system module, such as queues, topic	s, templates, and connection factories.
113_domain nvironment eployments ervices	Depending on the type of resource you select, you are prompted to enter basic info factories, distributed queues and topics, foreign servers, and JMS SAF destinations, targetable resources with subdeployments, which is an advanced mechanism for gro	rmation for creating the resource. For targetable resources, like stand-alone queues and topics, connection you can also proceed to targeting pages for selecting appropriate server targets. You can also associate uping 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 $Info\ldots$
JMS Modules Path Services EtBridges Data Sources	• 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 infin
Persistent Stores Foreign JNDI Providers Work Contexts	🔿 Торіс	Defines a publish/subscribe destination type, which are used for asynchronous per communications. Amosage delivered to a topic is distributed to all topic consumers. More infin
do I Endotes for destinations	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
nfigure JMS templates nfigure destination keys	O 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
nfigure topics nfigure queues	Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
nfigure connection factories nfigure uniform distributed topics nfigure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More Info
nfigure foreign servers nfigure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
Ellistatus	JM5 Template	Defines a set of default configuration settings for multiple destinations. More Info
th of Running Servers           Failed (0)           Critical (0)           Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported in the blocal ductor or server instance, so that the local server instance or cluster can send messages to the remote server instance or cluster.
		😜 Local intranet 🔍 100%



5. Select the 'Queue' option. Then click 'Next'.

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Win	dows Internet Explorer		BX
💽 🗸 🖉 http://10.184.74.143:8888/co	nsole/console.portal?3msCreateSystemModuleEntityPortlet_	actionOverride=/com/bea/console/actions/jms/modules/s	ystem/createentity/selectEntit 💙 🐓 🗙 Google Powered Pandion Search	P•
<u>File Edit Yiew</u> Favorites <u>T</u> ools <u>H</u> elp				
Ø McAfee'				
🔗 🔅 Create a New JMS System Module I	Resource - fcubs11		🏠 👻 🗟 👘 🖶 Bage 🕶 🎯 T	igols • "
ORACLE WebLogic Server®	Administration Console			Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule	RLD >Summary of JMS Servers >Summary of JDBC Data So	urces >FLEXTEST.WORLD >Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JM5 System Module Resource			
Lock & Edit	Back Next Finish Cancel			
Release Configuration	JMS Destination Properties			
Domain Structure	The following properties will be used to identify your	new Queue. The current module is FCUBS_SystemModule		
fcubs113_domain	* Indicates required fields			
Deployments				
È-Services È-Messaging	* Name: NOTIFY_DEST_QUE	UE		
JMS Servers				
Store-and-Forward Agents	JNDI Name: NOTIFY_DEST_QUE	UE		
JMS Modules				
Bridges	Template: None 🗸			
Data Sources				
Persistent Stores Foreign JNDI Providers	Back Next Finish Cancel			
-Work Contexts				
How do I				_
Configure quotas for destinations				
<ul> <li>Configure JMS templates</li> </ul>				
<ul> <li>Configure destination keys</li> </ul>				
<ul> <li>Configure topics</li> </ul>				
Configure queues				
<ul> <li>Configure connection factories</li> </ul>				
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)				~
Done I			🔍 Local intranet 🔍 100	

For creating new JMS System Module Resources, follow the steps given below:

- Enter the Name of the Queue as 'NOTIFY\_DEST\_QUEUE'.
- Enter the JNDI Name as 'NOTIFY\_DEST\_QUEUE'.
- Select the Template as 'None'.
- Click 'Next'.



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
😋 🕒 👻 🔊 🖉 http://10.184.74.143:8888/con	sole/console.portal	👻 🐓 🗶 Google Powered Pandion Search 🛛 🔎 🔹
File Edit View Favorites Tools Help		
🚖 🕸 🌈 Create a New JMS System Module R	esource - fcubs11	🏠 🔹 🔝 👘 🖶 📴 Bage 👻 🍈 Tools 👻
	Administration Console	Q 🎒
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources > Modules >FCUBS_SystemModule	FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JM5 System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fubs113_domain ⇒Deployments ⇒Services ⇒Services →Services →Services →Services →Services	Like this page to select a addedivatent to assign this system module resource. A subdedivatent is a mechanism by SAR agent. Treacessary, you can create a new subdeployment by clicking the <b>Create a New Subdeployment</b> by module's subdeployment management page.	which 345 resources are grouped and largeted to a server instance, duster, or attain. You can also reconfigure subdeployment targets later by using the parent
Path Services     Bridges     Data Sources     Persistent Stores	What targets do you want to assign to this subdeployment? Targets :	1
Foreign JNDI Providers     Work Contexts	JMS Servers	
How do I	FCUBS_JMSServer	
Configure quotas for destinations     Configure JMS templates	Back Next Fnish Cancel	
Configure destination keys		
Configure topics		
Configure queues		
Configure connection factories		
Configure uniform distributed topics		
Configure uniform distributed queues     Configure foreign servers		
Configure Information Servers     Configure IMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Done		👻 Local intranet 🔍 100% 👻



6. Select the managed server created by the user. Click 'Finish' button.

Settings for FCUBS_SystemModule - fcu	bs113_domain - WLS Console - Windows Internet Explorer		
G v ktp://10.184.74.143:8888/cons	ole/console.portal?_nfpb=true&_pageLabel=JM55ystemModuleConfigGeneralPage	V 4 X Google	Powered Pandion Search
Ele Edit View Favorites Tools Help			
🔶 🏘 🌈 Settings for FCUB5_SystemModule -	cubs113_domai	💁 • 🔊	🔹 🖶 🔹 🔂 Page 🔹 🍈 Tgols 🔹
	dministration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic	Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTE Modules >FCUBS SystemModule	ST.WORLD >Summary of JMS Servers >JM	IS
Pending changes exist. They must be activated to take effect.	Messages		
Activate Changes	✓ The JMS Queue was created successfully		
Undo All Changes	Settings for FCUB5_SystemModule		
Undo All Changes	Configuration Subdeployments Targets Security Notes		
Domain Structure			
fcubs113_domain	This page displays general information about a JMS system module and its resources. It also allows you to configure new res	ources and access existing resources.	
- Deployments □ Services	Name: FCUBS_SystemModule The r	name of this JMS system module. More	Info
⊖ Messaging → JMS Servers → Store-and -Forward Agents → JMS Modules → Path Services ⊕ Path Gen	Descriptor File Name: yms/FCLB5_SystemModule-jms.xml The r This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic desidestination quota, distributed destinations, foreign servers, and store-and-formard parameters.	name of the JMS module descriptor file.	
Orage     O	© Customize this table Summary of Resources		
How do L.			
Configure JMS system modules	New Delete	Show	ving 1 to 1 of 1 Previous   Next
Configure subdeployments in JMS system	🗌 Name 🏟 Type JNDI Name Subd	leployment Targe	ets
modules     Configure resources for JMS system modules	NOTIFY_DEST_QUEUE         Queue         NOTIFY_DEST_QUEUE         FCUBS	; FCUBS	S_JMSServer
Sustan Status	New Delete	Show	ving 1 to 1 of 1 Previous   Next
System Status			
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)			



7. The JMS Queue has been created successfully. Click 'Activate Changes' under 'Change Center'.

Contor .								
Settings for FCUBS_SystemModule - fc	ubs113_domai	n - WLS Console -	Windows Inter	net Explore	r			
G v ktp://10.184.74.143:8888/cor	nsole/console.porta	l?_nfpb=true&_pageLa	bel=http://10.184	F.74.143:8888/	console/console.portal?_nfpb=true	%_pageLabel=http://10.184.	74.143 💙 🐓 🗙 G	oogle Powered Pandion Search
Eile Edit View Favorites Tools Help McAfee								
🔶 🍪 Settings for FCUBS_SystemModule	- fcubs113_domai	•					🟠 •	🔝 🕤 🖶 🔹 🔂 Page 🔹 🍈 Tools
	Administration	Console						Ç
Change Center	🔒 Home Log	Out Preferences 🔤	Record Help		Q		Welcome, webl	ogic Connected to: fcubs113_doma
View changes and restarts		ary of JDBC Data Source JBS_SystemModule	s >FLEXTEST.WOP	RLD >Summary (	of JMS Servers »Summary of JDBC D	ata Sources »FLEXTEST.WORL	D >Summary of JMS Server	s »JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for F	CUBS_SystemModu	le					
domain.	Configuratio	n Subdeployments	Targets Sec	urity Notes				
Release Configuration	This page de	splays general informat	ion about a JMS sy	vstem module a	nd its resources. It also allows you	to configure new resources a	nd access existing resourc	es.
Domain Structure	Name:		FCU	BS_SystemMod	ule	The name of t	his JMS system module.	More Info
fcubs113_domain	Descriptor F	ile Name:	jms/	FCUBS_System	Module-jms. xml	The name of t	he JMS module descriptor	file. More Info
	destination o	quota, distributed desti	urces that have be nations, foreign se	een created for rvers, and stor	this JMS system module, including e-and-forward parameters.	queue and topic destinations,	connection factories, JMS	templates, destination sort keys,
Data Sources     Persistent Stores     Foreign JNDI Providers		lete						Showing 1 to 1 of 1 Previous   Next
Work Contexts	Nam	ie 🗇		Туре	JNDI Name	Subdeployme	ent	Targets
How do I	NOTI	FY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS		CUBS_JMSServer
Configure JMS system modules     Configure subdeployments in JMS system     modules	New Do	lete						Showing 1 to 1 of 1 Previous   Next
Configure resources for JMS system modules								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

8. Click 'New 'to create more Queues. You may follow the same steps to create other queues.

# 7.2.6 JMS Connection Factory Creation

After creating the queues, you need to create the connection factory. To perform this, follow the steps given below:



1. Click 'New'.

-				
Settings for FCUBS_SystemModule - fo	ubs113_domain - WLS Console - Windo	ws Internet Explorer		
😋 😔 👻 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=htt	p://10.184.74.143:8888/console/console.portal?_nfpb=	true&_pageLabel=http://10.184.74.143 💙 🐓	K Google Powered Pandion Search
Eile Edit Yiew Favorites Tools Help				
😭 🔅 🧭 Settings for FCUBS_SystemModule	- fcubs113_domai			🏠 🔹 🔝 👘 🖶 🔹 🔂 Bage 🗸 🍈 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console			Q
Change Center	🏦 Home Log Out Preferences 🔤 Record	Help	Welcom	e, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLE) Modules >FCUBS_SystemModule	TEST.WORLD >Summary of JMS Servers >Summary of JDE	IC Data Sources > FLEXTEST.WORLD > Summary of JM	IS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule			
domain.	Configuration Subdeployments Targe	ts Security Notes		
Release Configuration				
	This page displays general information about	it a JMS system module and its resources. It also allows	you to configure new resources and access existing	presources.
Domain Structure fcubs113 domain	Name:	FCUBS_SystemModule	The name of this JMS system m	odule. More Info
Environment     Deployments	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module de	escriptor file. More Info
····JMS Servers ···Store-and-Forward Agents ···JMS Modules ···Path Services Đ-Bridges	destination quota, distributed destinations, Customize this table Summary of Resources	foreign servers, and store-and-forward parameters.		
Data Sources Persistent Stores	New Delete			Showing 1 to 1 of 1 Previous   Next
Foreign JNDI Providers				
How do I	□ Name ↔	Type JNDI Name	Subdeployment	Targets
Configure JMS system modules	NOTIFY_DEST_QUEUE	Queue NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
<ul> <li>Configure subdeployments in JMS system modules</li> </ul>	New Delete			Showing 1 to 1 of 1 Previous   Next
Configure resources for JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0) OK (2)				
Giv (2)				



## The following screen is displayed:

Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet I	xplorer
🔄 🕤 👻 🙋 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity	&JmsCreateSystemModuleEntityPortletcurrentModule=FCUBS_Syster 💟 🖅 🗙 Google Powered Pandion Search 🖉
jle Edit ⊻iew Favorites <u>T</u> ools <u>H</u> elp 9 McAfee /		
🕻 🔅 🌈 Create a New JMS System Module F	esource - fcubs11	🟠 👻 👼 🐂 🔂 tage 👻 🎯 Tgols 👻
	Administration Console	Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Q         Welcome, weblogic         Connected to: fcubs113_domain
liew changes and restarts	Home »Summary of JDBC Data Sources »FLEXTEST.WORLD »Summary of Modules »FCUBS_SystemModule	JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
to pending changes exist. Click the Release Configuration button to allow others to edit the Iomain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
omain Structure	Use these pages to create resources in a JMS system module, such as	jueues, topics, templates, and connection factories.
ubs113_domain  PErvironment Deployments Services	factories, distributed queues and topics, foreign servers, and JMS SAF	ter basic information for creating the resource. For targetable resources, like stand-alone quives and topics, connection destinations, you can also proced to targeting pages for selecting appropriate server targets. You can also associate anism for grouping JMS module resources and the members to server resources.
⊖-Messaging JMS Servers Store-and-Forward Agents	Onnection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS dients. More Info
JMS Modules Path Services ⊡-Bridges Data Sources	O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communicators. A message delivered to a queue is distributed to only one construer. Where Inform.
Foreign JNDI Providers	🔿 Торіс	Defines a publich/subscribe destination type, which are used for asynchronous peer communicators. A message delivered to a topic is distributed to all topic consumers. More Info
ow do I	🔘 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
Configure JMS templates Configure destination keys	O 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
Configure topics Configure queues	O Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection factories Configure uniform distributed topics Configure uniform distributed queues	🔘 Quota	Controls the allotment of system resources available to destinations. More Info
Configure foreign servers Configure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
ystem Status	) JMS Template	Defines a set of default configuration settings for multiple destinations. More Info
Paled (0)  Critical (0)  Overloaded (0)	○ SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that imported in one block ductor or server instance, so that the local server instance or cluster can send messages to the remote server instance or cluster. When block
I		😌 Local intranet 🔍 100% 👻



2. Select 'Connection Factory'. Click 'Next'.

🖉 Create a New JMS System Module Reso	rrce - fcubs113_domain - WLS Console - Windows Inter	net Explorer		- 8 🛛
🚱 🗸 🖉 http://10.184.74.143:8888/con	ole/console.portal?3msCreateSystemModuleEntityPortlet_actionOverric	e=/com/bea/console/actions/jms/modules/system/createentit;	y/selectEntit 🗹 🐓 🗙 Google Powered Pandion Search	<b>P</b> -
Eile Edit Yiew Favorites Tools Help				
😭 🏟 🌈 Create a New JMS System Module R	isource - fcubs11		🟠 🔻 🖾 👘 🖶 Bage 🕶 🌀	Tools • *
	dministration Console			Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_	domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summa Modules >FCUBS_SystemModule	y of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.W	VORLD >Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource			
Lock & Edit	Back Next Finish Cancel			
Release Configuration	Connection Factory Properties			
Domain Structure	The following properties will be used to identify your new connecti * Indicates required fields	on factory. The current module is FCUBS_SystemModule.		
fcubs113_domain	What would you like to name your new connection factory?			
i → Deployments	* Name: NotifyDestQCF			
	What JNDI Name would you like to use to look up your new connect	ion factory?		
	JNDI Name: NotifyDestQCF			=
Data Sources Persistent Stores	The Connection Factory Subscription Sharing Policy Subscribers can	be used to control which subscribers can access new subscript	tions. Should subscriptions created using this factory be sharable	2
Foreign JNDI Providers     Work Contexts	Subscription Sharing Policy: Exclusive 💌			
How do I	The Client ID Policy indicates whether more than one JMS connection Subscriptions created with different Client ID policies are always tree			
Configure JMS templates     Configure destination keys	Client ID Policy:			
Configure topics     Configure queues	A connection factory can limit the number of messages that can que	ued for an asynchronous session. Should this connection factor	ory impose a limit?	
Configure connection factories     Configure uniform distributed topics	Maximum Messages per Session: 10			
Configure uniform distributed queues     Configure foreign servers	Should this connection factory create sessions that are JTA aware,	and create XA queues and XA topics?		
Configure JMS SAF	✓ XA Connection Factory Enabled			
System Status	Back Next Finish Cancel			
Health of Running Servers				
Failed (0)				
Critical (0) Overloaded (0)				_
Done			Scal intranet	.00% •

- 3. Enter the Name of the Connection Factory as 'NotifyDestQCF'.
- 4. Enter the JNDI Name as 'NotifyDestQCF'.
- 5. Check the box 'XA Connection Factory Enabled'.
- 6. Click 'Next'.



The following screen is displayed:

🖉 Create a New JMS System Module Resc	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
(C) - (2) http://10.184.74.143:8888/com	ansole/cansole.partal?JmsCreate5ystemModuleEnityPortlet_actionOverride=/com/bea/cansole/actions/jms/connection/createjmsconnectionfactory/ 💙 🚱 🔀 Google Powered Pandion Search	<b>P</b> -
Ele Edit View Favorites Iools Help McAfee /		
🚖 💠 🌈 Create a New JMS System Module P	Resource - foubs 1 🔂 👘 👻 🔂 1999 🕶 🖓 199	is•"
	Administration Console	<u>&gt;</u> ^
Change Center	😭 Home Log Out Preferences 🖾 Record Help	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a Ilew JHS System Module Resource	
Lock & Edit	Back Next Finish Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JHS system module resource	
Domain Structure fcubs113_domain	Use this page to view and accept the default argets where this XMS resource will be targeted. The default targets are based on the parent XMS system module targets. If you do not want to accept the default targets, then dok Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Deployments El-Services	The following IMS module targets will be used as the default targets for your new IMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.	
Hessaging     ''JMS Servers     ''Store-and-Forward Agents	Targets :	
··· JMS Modules	Servers	
Path Services ⊞-Bridges	ManagedServer1	=
Data Sources Persistent Stores	i nanajeuserveri	
Foreign JNDI Providers	Back Next Friah Advanced Targeting Cancel	
How do I		_
Configure quotas for destinations		
Configure JMS templates		
Configure destination keys     Configure topics		
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)		×
Done	Succelintranet	•



7. Click 'Advanced Targeting'. The following screen is displayed.

Create a New JMS System Module Res	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🕞 👻 http://10.184.74.143:8888/co	nsole/console.portal	Google Powered Pandion Search
Ele Edit View Favorites Tools Help O McAfee:		
ALANCE	Resource - fcubs11	🟠 🔹 🖾 🔹 🖶 🖓 Bage 🔹 🎲 T <u>o</u> ols 🔹
	Administration Console	Q
Change Center	💼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTI Modules >FCUBS_System/Module	EST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain	Up Big gage to select a subdeployment to action the system module resource. A subdeployment is a mechanism by which SRF spent. If necessary, you can contait a new subdeployment by clicking the <b>Create a New Subdeployment</b> buttom. Y module's subdeployment management page.	IMS resources are grouped and targeted to a server instance, cluster, or ou can also reconfigure subdeployment targets later by using the parent
Horization - Deployments Horization - Services Horization - Messaging	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
JMS Servers Store-and-Forward Agents	Subdeployments: FCUBS Create a New Subdeployment	
···· JMS Modules ····Path Services	What targets do you want to assign to this subdeployment?	
Bridges     Data Sources	Targets :	
Persistent Stores Foreign JNDI Providers	Servers	
-Work Contexts		
How do I	HanagedServer1	
Configure quotas for destinations	JMS Servers	
Configure JMS templates     Configure destination keys	FCUBS_JMSServer	
Configure topics	COBS_JMSServer	
Configure queues	Back Next Finish Cancel	
<ul> <li>Configure connection factories</li> </ul>		
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)		
	1	🔍 Local intranet 🛛 🔍 100% 👻
lone		Sucal intranet 🔍 100% 🔻

- 8. Select the 'Subdeployments' as FCUBS.
- 9. Under JMS Servers, check the box against 'Managed Server'.



**10.** Click 'Finish'. The following screen is displayed:

Settings for FCUBS_SystemModule - fcu	ubs113_d	omain - WLS Console - 1	Windows	Internet Exp	lorer				
👅 🕤 👻 🙋 http://10.184.74.143:8888/cons	sole/console	.portal?_nfpb=true&_pageLal	el=JMSSys	stemModuleConf	igGeneralPage		✓ 4 ×	Google Powered Pandion Search	2
ije Edit View Favorites Tools Help D McAfce'									
🗧 🍄 🌈 Settings for FCUB5_SystemModule -	fcubs113_d	omai					6	• 🔊 - 🖶 • 🕞 Bage • 🤇	Fools +
	Administra	ation Console							Q
Change Center	🔒 Home Log Out Preferences 🔛 Record Help						Welcome, we	eblogic Connected to: fcubs113_	domain
View changes and restarts	Home >	Summary of JDBC Data Source >FCUBS SystemModule	>FLEXTES	T.WORLD >Sum	FLEXTEST.WORLD >Summary of JMS Ser	rvers >JMS			
Pending changes exist. They must be activated to take effect.	Message	- /							
Activate Changes	🖌 Con	nection factory created succe	ssfully.						
	Settings	for FCUBS SystemModul	e						
Undo All Changes	Config	uration Subdeployments	Targets	Security N	otes				
Domain Structure									
Cubs 113_domain	This pa	age displays general informati	on about a	JMS system mod	ule and its resource	s. It also allows you to configure r	new resources and access existing reso	purces.	
B-Services -Messaging	Name:	Name: FCUBS_SystemModule The name of this				The name of this JMS system module	More Info		
''''JMS Servers     '''''Store-and-Forward Agents     ''''JMS Modules     ''''Path Services	This pa	Descriptor File Name: jms/FCUBS_SystemModule-jms.xml The name of the This page summarizes the JMS resources that have been reated for this JMS system module, including queue and topic destinations, foreion servers, and store-and-forward parameters.					The name of the JMS module descrip pic destinations, connection factories, .		,
B-Bridges Data Sources Persistent Stores Foreign JNDI Providers	Custo	mize this table		agii seiveis, aii	a store en la - la mara	per enre ter s.			
Work Contexts	Summ	ary of Resources							
How do I 😑	New	Delete						Showing 1 to 2 of 2 Previous   M	Vext
Configure JMS system modules     Configure subdeployments in JMS system		Name 🗇		Туре		JNDI Name	Subdeployment	Targets	
configure resources for JMS system modules		NotifyDestQCF		Connection Fa	ctory	NotifyDestQCF	FCUBS	FCUBS_JMSServer	
Surtam Statur		NOTIFY_DEST_QUEUE		Queue		NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
System Status	New	Delete						Showing 1 to 2 of 2 Previous   M	Vext
Failed (0)									- L
Critical (0)									
Overloaded (0)									
Warning (0)									
OK (2)									

- 11. The message 'Connection Factory created successfully' is displayed.
- 12. Click on the Connection Factory 'NotifyDestQCF' to have XA Connection Factory enabled.



#### The following screen will be displayed.

🗲 💽 🔻 🙋 http://10.184.74.143:8888/	nsole/console.portal?_nfpb=true&_pageLabel=JM5ConnectionFactorygeneralTabPage&handle	=com.bea.console.handles.JMXHandle%28%22com 👽 🐓 🗙 🛛 Google Powered Pandion Search 👘 🔎
Ele Edit View Favorites Tools Help • McAfee / •		
😭 🔅 🏈 Settings for NotifyDestQCF - fcu	113_domain - WL5	🏠 🔹 🔝 🐇 🖶 Page + 🎯 Tools +
ORACLE WebLogic Server	Administration Console	Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FL Modules >FCUBS SystemModule >NotifyDestQCF >FCUBS SystemModule >NotifyDestQCF	XTEST.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance	Security
omain Structure	Save	
Lubs113_domain =-Environment Deployments =-Services	Use this page to define the general configuration parameters for this JMS connection fa	ctory, which includes various client connection, default delivery, load balancing, and security parameters.
Heressaging	Hame: NotifyDestQCF	The name of this JMS connection factory. More ${\rm Info}\ldots$
Store-and-Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a clustered JNDI namespace. More Info
⊕-Bridges Data Sources	🗌 🐠 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Persistent Stores Foreign JNDI Providers	- 🖗 Advanced	
Work Contexts	Save	
How do I E		
Configure connection factories		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

13. Click 'Transactions' Tab. The following screen is displayed.

C Settings for NotifyDestQCF - fcubs113_	domain - WLS Conso	e - Window	/s Internet Explo	rer			
() + (in the interval of the i	ole/console.portal?_nfpb=	true&_pageLa	bel=JMSConnectionf	Factorytransactic	nparamsTabPag	e&handle=c	om.bea.console.handles.JMXHandle%: 💙 🔄 Google Powered Pandion Search 🛛 👂 🔹
Elle Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee <sup>*</sup>							
😭 🏘 🏉 Settings for NotifyDestQCF - fcubs11	13_domain - WLS						🛐 👻 🗟 👘 🖶 Bage 🕶 🎯 Tgols 🗸 🍾
	dministration Consol	Ð					Q 🖉
Change Center	Home Log Out Pre	ferences 📐	Record Help		Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Home > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Modules > FCUBS_SystemModule > NotifyDestQCF > FCUBS_SystemModule > NotifyDestQCF							D >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDe	stQCF					
Activate Changes	Configuration Sub	deployment	Notes				
Undo All Changes	General Default De	ivery Clien	t Transactions	Flow Control	Load Balance	Security	
Domain Structure	Save						
fcubs113_domain  E-Environment  Deployments  E-Services  H-Messaging	Use this page to defi factory is returned, v					u can define	a transaction time-out value, and also indicate whether an XA queue or XA topic connection
JMS Servers Store-and-Forward Agents IMS Modules	Transaction Timeo	it:	360	00			The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info
→Ins induces →Path Services B→Bridges →Data Sources →Persistent Stores →Foreign JNDI Providers	🗹 🐠 XA Connect	ion Factory	Enabled				Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory, a XA connection factory can be used to create an XAConnection, which in turn may be used to create an XAAsson, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info
Work Contexts	Save						
How do I							
Configure connection factories							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0) Overloaded (0)							
Warning (0)							
OK (2)							



- 14. Check the box 'XA Connection Factory Enabled'.
- 15. Click 'Save'. The following screen is displayed.

C Settings for NotifyDestQCF - fcubs113	_domain - WLS Console - Windows Internet Explorer	🔟 🖬 📃
() - E http://10.184.74.143:8888/cor	$sole/console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_pageLabel=JMSConnectionFactorytransactionparamsTabPage8handle=console.portal?_nfpb=trues_page8handle=c$	com.bea.console.handles.JMXHandle% 💙 🔄 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Tools Help		
😭 🏟 🌈 Settings for NotifyDestQCF - fcubst	113_domain - WLS	🏠 👻 🗟 🝸 🖶 Page 🗸 🎯 Tgols 🕶 🎽
	Administration Console	Q 🔤
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORL Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	D >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings for NotifyDestQCF	
Undo All Changes	Configuration Subdeployment Notes	
Domain Structure	General Default Delivery Client Transactions Flow Control Load Balance Security	
fcubs113_domain	Save	
Deployments Services		
Herstaging JMS Servers Store-and-Forward Agents	Use this page to define the transaction configuration for this JMS connection factory. You can define factory is returned, which create sessions that are JTA user-transaction aware.	a transaction time-out value, and also indicate whether an XA queue or XA topic connection
JMS Modules Path Services BBridges	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info
Data Sources    Persistent Stores    Foreign JNDI Providers    Work Contexts	☑ @ 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 AXAConnection, 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. Mere Info.
How do I	Save	
Configure connection factories		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0) Overloaded (0)		
Warning (0)		
OK (2)		

- 16. The message 'Settings updated successfully' is displayed.
- 17. Click 'Activate Changes' button under 'Change Center'.

The message 'All the changes have been activated. No restarts are necessary' is displayed.

C Settings for NotifyDestQCF - fcubs113_	domain - WLS Console - Windows Internet Explorer	
COO - E http://10.184.74.143:8888/con	ole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/consol	e.portal?_nfpb=true&_pageLabel=JMSConnectionFactor 💌 4 🗙 🛛 Google Powered Pandion Search 🛛 🔎 💌
Ele Edit View Favorites Tools Help • McAfee		
😭 🏘 🏀 Settings for NotifyDestQCF - fcubs1	3_domain - WL5	🟠 👻 👼 👻 🔂 Page 🕶 🎯 Tools 🕶 🎽
	dministration Console	Q
Change Center	Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDest	FLEXTEST.WORLD >Summary of JMS Servers >JMS CF
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been activated. No restarts are necessary.	
	Settings for NotifyDestQCF	
Release Configuration	Configuration Subdeployment Notes	
Domain Structure	General Default Delivery Client Transactions Flow Control Load Bal	ance Security
Fcubs 13_domain ▲ B→Envrooment → Deployments → B→Services → Store-and-Forward Agents → Tote-and-Forward Agents → MS Modules →	Click the Lock & Editbutton in the Change Center to modify the settings on this pe Save Use this page to define the transaction configuration for this JMS connection factor factory is returned, which create sessions that are JTA user-transaction aware.	ge. /. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection
B-Bridges     Data Sources     Persistent Stores	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More ${\rm Info}_{\cdots}$
Foreign JNDI Providers     Work Contexts      How do L      Configure connection factories	♂ de XA Connection Factory Enabled       Save	Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or logic connection, 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
System Status	Click the Lock & Edit button in the Change Center to modify the settings on this pa	ge.
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		



# 7.3 Configuring Weblogic for PMGateway

To deploy and run PMGateway application in weblogic server following configuration needs to be done

Copy runtime12.jar from database servers ORACLE\_HOME/sqlj/lib to application servers library path WEBLOGIC\_HOME/user\_projects/domains/<app-domain>/lib

# 7.4 Configuring Weblogic for Oracle FLEXCUBE

This section explains the steps for configuring Oracle WebLogic application server for Oracle FLEXCUBE. Follow the steps given below:

1. Select the domain from the domain structure as shown below. (Eg: fcubs113\_domain).

2 Home Page - fcubs113_domain - WLS Console - Windows Internet Explorer							
G v //10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search				
Ejle Edt Yew Favorites Tools Help ⊙ McAfoc // -							
😭 🏘 🏀 Home Page - fcubs113_domain - W	/LS Console	🟠 🔻 🔝 👻 🖶 🖛 🕞 Page 🕶 🎯 Tools 🗸 🎇					
	Administration Console		Q 🍦				
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule >NotifyDestQCF >FCUB						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page						
Lock & Edit	- Information and Resources						
	Helpful Tools	General Information					
Release Configuration	Configure applications	<ul> <li>Common Administration Task Descriptions</li> </ul>					
	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>					
Domain Structure fcubs113 domain	<ul> <li>Recent Task Status</li> </ul>	<ul> <li>Ask a question on My Oracle Support</li> </ul>					
tcubs113 domain D-Environment	<ul> <li>Set your console preferences</li> </ul>	<ul> <li>Oracle Guardian Overview</li> </ul>					
Deployme fcubs113_domain	- Domain Configurations						
P-Messaging	Domain	Services	Interoperability				
JMS Servers	Domain	Messaging	WTC Servers				
Store-and-Forward Agents		<ul> <li>JMS Servers</li> </ul>	Jolt Connection Pools				
Path Services	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>					
⊞-Bridges	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics				
Data Sources Persistent Stores	Clusters	<ul> <li>Path Services</li> </ul>	Log Files				
Foreign JNDI Providers	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules				
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images				
How do I	Coherence Servers	Persistent Stores	Request Performance				
	Coherence Clusters	<ul> <li>XML Registries</li> </ul>	Archives				
<ul> <li>Search the configuration</li> </ul>	Machines	<ul> <li>XML Entity Caches</li> </ul>	Context				
Use the Change Center	Work Managers	<ul> <li>Foreign JNDI Providers</li> </ul>	SNMP				
Record WLST Scripts	<ul> <li>Startup And Shutdown Classes</li> </ul>	<ul> <li>Work Contexts</li> </ul>					
Change Console preferences		• jCOM	Charts and Graphs				
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard				
Gunham Chabus	<ul> <li>Deployments</li> </ul>	FileT3					
System status		• JTA					
Health of Running Servers	Your Application's Security Settings						
Failed (0)	Security Realms						
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



The following screen is displayed:

- No. 1140 404 74 440 00001	and have the state of the same		handle and has smalle bandles 2000 to dies 🚱 🔗 🖉 Cande Damard Dankar Canad
<ul> <li>Methy://10.184.74.143:88888/c</li> <li>It View Favorites Tools Help</li> </ul>	onsole/console.portal?_nhpb=true&_pageLabel=DomainConhigGe	neralPage&DomainConfigGeneralPortlet	rhandle=com.bea.console.handles.JMXHand 🗙 🍫 🗙 Google Powered Pandion Search
Afee' /			
🏀 Settings for fcubs113_domain - fo	ubs113_domain - W		🏠 👻 🔂 🐇 🖶 Page 🕶 🎯 T <u>o</u> ol
ACLE WebLogic Server	Administration Console		Ç
Center	🔒 Home Log Out Preferences 🐼 Record Help	Q	Welcome, weblogic Connected to: fcubs113_dom
anges and restarts	Home >Summary of JMS Servers >Summary of JDBC Data S Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_	ources >FLEXTEST.WORLD >Summary of SystemModule >NotifyDestQCF >fcubs11	JMS Servers >JMS 3_domain
ing changes exist. Click the Release ation button to allow others to edit the	Settings for fcubs113_domain		
	Configuration Monitoring Control Security W	/eb Service Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications I	ogging Log Filters	
No.020 Compliation	Save		
Structure			
3 domain  onment		at is managed by a single Administration	Server. Use this page to configure administrative options that apply to all servers in the current
oyments	domain.		
ces fessaging	* Indicates required fields		
····JMS Servers			
Store-and-Forward Agents	* Name:	fcubs113_domain	The name of this WebLogic Server domain. More Info
Path Services Bridges	Enable Administration Port		Specifies whether the domain-wide administration port should be enabled for
lata Sources Versistent Stores			this WebLogic Server domain. Because the administration port uses SSL, enabling the administration port requires that SSL must be configured for all servers in the domain. More Info
ersistent Stores foreign JNDI Providers Vork Contexts	Administration Port:	9002	enabling the administration port requires that SSL must be configured for all
tersisten I Stores foreign JNDI Providers Vork Contexts I E ge Console preferences gure the domain-wide administration port	🖑 Production Mode:	9002 true	enabling the administration port requires that SSL must be configured for all servers in the domain. More Info The common secure administration port for this WebLogic Server domain.
ersistent Stores organ JIDI Providers losis Contexts L L E Console preferences ure the domain-wide administration por e configuration files e the Console Status E	ල් Production Hode:		enabling the administration port requires that SB, must be configured for all servers in the domain. More Info The common secone administration port for the WebLopc Server domain. (Requires you to enable the administration port.) More Info Specifies whether all servers in this domain run in production mode. Once enabled, this can not be databled in the same new starts accommand
ersistent Stores     ersistent Stores     ersistent Stores     ersistent     ersistent     ersistent     ersistent     ense     ensense     ense     ensense     ense     ensense     ense     ensen	ල් Production Hode:		enabling the administration port requires that SSL must be configured for all servers in the clonics. More Enfo Requires joint clonics administration port.) More Enfo Specifies whether all servers in this domain run in production mode. Once enabled, this can be claded to the administration port.) More Enfo Specifies whether all servers in this domain run in production mode. Once enabled, this can be claded to the administration port. Second to the second inc. More Enfo Specifies whether optimizations for Oracle Exologic should be enabled. Optimization include improved threat amagement and request processing, and reduced lock conjection. This attribute should be enabled. Tranships ExploreSecond Enformment for Oracle Metalogic should be involved to reading ExploreSecond Enformment on Oracle Weblack Second
erestent Stores vergn JIDI Provides Verk Contexts	ر المعالي	tue	enabling the administration port requires that SSL must be configured for all servers in the domain. More Enfo
stratest Stores     comp JIDI Providers     (volt Contexts           Im          E          E	ر الله الله الله الله الله الله الله الل	tue	enabling the administration port requires that SSL must be configured for all servers in the domain. More Info The common secure administration port for the Welkope Genver domain. Results you to enable the administration port J. Wee Info Specifies whether all servers in this domain run in production mode. Once enables the control by deabled in the same server start to possible the Word Brillow. Specifies whether optimizations for Oracle Exologic should be enabled. Optimizations include improved thread management and request processing, and reduced loc contention. This atthbus should be enabled only when configures a Welkogic domain for Oracle Exologic should be resulted eventible thanding Subsidy Callel Enthrements through the should be resulted event 1 by Resears 1 (U.S. 4)" in the Oracle Exologic Speptyment Guide. Word INFo Specifies whether internal applications cause a the console, udd, widetstickter, and uddespicer are delayed on demain (first access) instead of during server startup. More Info
erestent Stores vergn JIDI Provides Verk Contexts	@ Production Hode:         @ Enable Exalogic Optimizations         @ Enable Cluster Constraints         @ Enable on-demand deployment of internet	tue	enabling the administration port requires that SSL must be configured for all servers in the domain. More Info The control secure advantation on the the Welkcope Server domain. Prequese you to enable the administration port ) More Info Seconds whether adverse in this domain on its productions mode. Once enabled, this can only be deabled in the admin server startup command More Info More Info Seconds wither and the administration and request processing, and reduced to controllors. This atthis wild be enabled with the Tenabling Davidge-Second Enabled in the administration of the Versit Info Seconds wither the control of the Canada Evaluation of the second only if all servers in the duster are noning. More Info Seconds are there all policy



2. Under 'configuration' tab ,Select 'Web Applications'. The following screen is displayed.

Co settings for reabs ris_domain - reabs	arrs_uomain - wils console - windows internet ixplorer	
	$nsole/console.portal?\_nfpb=true@\_pageLabel=DomainConfigWebAppPage@DomainConfigWebAppPortlethanconfigWebAppPo$	de=com.bea.console.handles.JMXHar 💙 😚 🗙 🛛 Google Powered Pandion Search 🛛 🔎 💌
Ele Edit View Favorites Tools Help		
🚖 🕸 🌈 Settings for fcubs113_domain - fcu	bs113_domain - W	🖓 👻 🗟 👘 🖶 Eage 🕶 🎯 T <u>o</u> ols 🔹 🎽
	Administration Console	9
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQC Sessions >fcubs113_domain	F > FCUBS_SystemModule >NotifyDestQCF > fcubs113_domain >Summary of Mail
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for fcubs113_domain	
Lock & Edit	Configuration Monitoring Control Security Web Service Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications Logging Log Filters	
Domain Structure	Click the Lock & Editbutton in the Change Center to modify the settings on this page.	
fcubs113_domain	Save	
Deployments Services Hessaging	Use this page to define the domain-wide Web application configuration settings.	
IMS Servers Store-and-Forward Agents IMS Modules Path Services B-Bridges Dath Sources	🗌 🍓 Relogin Enabled	Beginning with the 3.0 release the FOOMBACC subtractions behavior has been modified to control strictly to the J28E Specification. If a use has release the strictly to the J28E Specification. If a use has (FOOBDCH) page with the returned. That the fing on to enable the old behavior, which was to return the user to the login form. More Enfo
How do I	🗌 🐠 Allow All Roles	In the security-constraints elements defined in a Web application's web unit dedoprent descriptor, the suft-constraint all element indicates the user relates that should be permitted access to this resource collection. Here relate-name = *** is a compact syntax for indicating all relates in the Veb application. In previous releases, role-name = *** was treated as all usery/oles defined in the relate. This parameter is a bad/owd compatibility switch to restore old
Deploy Web applications     Stop deployed Web applications     Delete Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.vml (container-descriptor -> allow-all-roles) takes precedence (if set) over this value. More Info
Update run-time descriptors  System Status	General State of the second se	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied ServleFilters (if configured for the Web application) on request dispatches (and indudes/forward). Servlet 2.4 has introduced the Dispatcher's element
Health of Running Servers		to make this behavior explicit. The default value is Dispatcher =REQUEST. In order to be complaint with the JZEE specification, the default value for
Failed (0) Critical (0)		FitterDispatchedRequestEnabled is false beginning with WebLogic Server 9.0. Note that if you are using old descriptions (meaning web.xml des not have version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestEsTabled = true for the WebLapplications, unless
Overloaded (0) Warning (0) OK (2)		filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml. The means that old applications will work fire without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the websgo container against low memory conditions. When a low memory situation occurs, new ession creation attempts will result in websjog_cerviet. Session: Fastign and the proper action. The application code needs to catch this exception and take proper action. Alternatively appropriate error- pages can be configured in web, will againt
Done		📢 Local intranet 🔍 100% 👻

3. Scroll down and ensure that the details are as shown in the figure. The remaining portion of the screen is given below:



2 Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 📰 💽						
🚱 🕤 👻 http://10.184.74.143:8888/consc	vle/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle	%28%22com.bea%3ANa 👻 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹				
<u>Eile Edit Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee •						
🔶 🏘 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🏠 🔹 🔂 👘 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 💴				
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info				
	UWebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info				
	☑ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info				
	🕑 dg Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info				
	UWAP Enabled	Indicates whether the session ID should include JIM information. (Checking this box may be necessary when using URL rewriting with WAP devices that limit the size of the URL to 123 characters, and may also affect the use of replicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 characters, and it will not contain any special characters. More Info				
	Post Timeout: 30	The amount of time this server waits between receiving drunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info				
	Maximum Post Time: -1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info				
	Maximum Post Size: .1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More Info				
	☑ Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info				
	4를 P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info				
	🗹 🥳 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSPS 200 specification. This property exists for backward compatibility. More Info				
	♥ dE Archived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More info				
	Save					



C Settings for fcubs113_domain - fcubs113_do	omain - WLS Console - Windows Internet Explorer	- E 🗵
😋 🕞 👻 http://10.184.74.143:8888/console/cor	nsole,portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle	%28%22com.bea%3ANa 🗸 🔄 🗙 Google Powered Pandion Search 🖉 🗸
Elle Edit View Favorites Tools Help		
🔶 🏟 🌈 Settings for fcubs113_domain - fcubs113_do	lomain - W	🟠 🔻 🔝 👘 🖶 🖶 Page 🕶 🎯 T <u>o</u> ols 🗸 🂙
E	] Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
E	] WebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info
	김 Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info
	김 過 Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to 'false', the previous sessionID will be retained even after authorization. More Info
E	WAP Enabled	Indicates whether the session ID should include JVM information. (Checking this box may be necessary when using URL rewriting with WAP devices that limit the size of the URL to ISC branceters, and may also affect the use of replicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 characters, and it will not contain any special characters. More Info
Por	st Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info
Ма	aximum Post Time: _1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
Ма	aximum Post Size: -1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More Info
E .	2 Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info
<del>ه</del>	P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info
V	김 4월 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2.0 specification. This property exists for backward compatibility. More Info
	김 윤 Archived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info
Sa	ave	

- 4. Check the options 'JSP Compiler Backwards Compatible' and 'Archived Real Path Enabled'.
- 5. Click 'Save'.



6. The following screen is displayed:

🖉 Settings for fcubs113_domain - fcubs	113_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHan	dle%28%22com.bea%3ANa 🗸 🖅 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Iools Help McAfee		
🚖 🕸 🏾 🏀 Settings for fcubs113_domain - fcu	bs113_domain - W	🏠 🔻 🖾 🔹 🖶 Eage 🛪 🎯 T <u>o</u> ols 🕶 🏁
	Administration Console	Q 🏠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JM Modules > FCUBS_SystemModule > NotifyDestQCF > FCUBS_SystemModule > NotifyDestQCF > fcubs113_domain	из
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings updated successfully.	
Undo All Changes	Settings for fcubs113_domain	
	Configuration Monitoring Control Security Web Service Security Notes	
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
fcubs113_domain	Save	
Deployments		
⊡-Messaging	Use this page to define the domain-wide Web application configuration settings.	
Store-and-Forward Agents		
	🔲 🍓 Relogin Enabled	Beginning with the 9.0 release the FORM/BASIC authentication behavior has been modified to conform strictly to the J2EE Specification. If a user has
🕀 -Bridges		logged-in but does not have privileges to access a resource, the 403 (FORBIDDEN) page will be returned. Turn this flag on to enable the old
Persistent Stores		behavior, which was to return the user to the login form. More Info
Foreign JNDI ProvidersWork Contexts	🔲 🍓 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user roles
How do I		that should be permitted access to this resource collection. Here role-name = "se" is a compact syntax for indicating all roles in the Web application. In
Deploy Web applications		previous releases, role-name = "*" was treated as all users/roles defined in the realm. This parameter is a backward-compatibility switch to restore old
Stop deployed Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.xml
Delete Web applications		(container-descriptor -> allow-all-roles) takes precedence (if set) over this value. More Info
Update run-time descriptors		Indicates whether or not to apply filters to dispatched requests. This is a
System Status	🔲 🏨 Filter Dispatched Requests	backward compatibility flag. Until version 8.1, WebLogic Server applied ServietFilters (if configured for the Web application) on request dispatches
Health of Running Servers		(and includes (forwards). Service 2.4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher=REQUEST. In
Failed (0)		order to be complaint with the J2EE specification, the default value for FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0.
Critical (0)		Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then WebLogic Server automatically uses
Overloaded (0)		FilterDispatchedRequestsEnabled = true for the Web applications, unless filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml.
Warning (0) OK (2)		This means that old applications will work fine without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration
		plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container
		against low memory conditions. When a low memory situation occurs, new session creation attempts will result in weblogic.servlet.SessionCreationException. The application code needs to
		catch this exception and take proper action. Alternatively appropriate error-
Dope		S local intrapet 👚 100% 💌

- 7. Ensure that the message 'Settings are updated successfully' is displayed.
- 8. Click the button 'Active Changes'.

# 7.5 Setup/Configure Mail Session in Weblogic

This section describes the set of configurations changes required in Oracle Weblogic Server when Oracle FLEXCUBE UBS is configured to generate and send passwords to users via e-mail.

## 7.5.1 Creating JavaMail Session

To configure mail session, follow the steps below.



1. Expand 'Services' on the left pane of the application server. Click 'Mail Sessions'.

C Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	¢plorer	
	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSe:	ssionTablePage	🔽 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 🔹
Elle Edit View Favorites Tools Help			
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	13_domain - WLS C		🟠 🔹 🗟 👘 🖶 Bage 👻 🎯 Tgols 👻
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS CUBS SystemModule >NotifyDestOCF >fcubs113 do	main >Summarv of Mail Sessions
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions		
Lock & Edit Release Configuration	Protocol (SMTP)-capable mail servers on your netwo	ork or the Internet.	12EE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have t	seen configured in the current weblogic server o	Joman.
Store-and-Forward Agents JMS Modules	Mail Sessions		
Path Services B-Bridges	Click the Lock & Edit button in the Change Center	to activate all the buttons on this page.	
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous   Next
Foreign JNDI Providers Work Contexts	🔲 Name 🐵	Properties	JNDI Name
XML Registries XML Entity Caches		There are no ite	ems to display
JCOM Mail Sessions	New Clone Delete		Showing 0 to 0 of 0 Previous   Next
How do I			
Configure access to JavaMail			
Target mail sessions     Delete mail sessions			
Delete mail sessions			
System Status	1		
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

#### 2. Click 'Lock & Edit'.

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	xplorer		PX
	onsole/console.portal?_nfpb=true&_pageLabel=MailMailSe	ssionTablePage	💌 🐓 🔀 Google Powered Pandion Search	P-
Ele Edit View Favorites Tools Help				
😭 🏟 🎉 Summary of Mail Sessions - fcubs11	13_domain - WLS C		🏠 👻 🗟 👘 🖬 🔁 Bage 🛩 🎯 Tg	gols • "
ORACLE WebLogic Server®	Administration Console			o 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.V Modules >FCUBS_SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS CUBS_SystemModule >NotifyDestQCF >fcubs113_dor	nain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions			
Lock & Edit				
Release Configuration	Mail sessions facilitate the process of using the Jav Protocol (SMTP)-capable mail servers on your netv		J2EE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer	·
Domain Structure	This page summarizes the mail sessions that have	been configured in the current WebLogic Server d	omain.	
🖻 Messaging				
JMS Servers Store-and-Forward Agents	Customize this table			
JMS Modules	Mail Sessions			
Path Services	Click the Lock & Edit button in the Change Center	r to activate all the buttons on this page.		
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous   Nex	at 🛛
Foreign JNDI Providers	Name 🐟	Properties	JNDI Name	11.
Work Contexts		There are no ite		41.
XML Entity Caches		There are no ite		-
Mail Sessions	New Clone Delete		Showing 0 to 0 of 0 Previous   Nex	t
How do I				
Configure access to JavaMail				
<ul> <li>Target mail sessions</li> </ul>				
Delete mail sessions				
System Status	i			
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				
	1			



3. Following screen is displayed; Click 'New' for creating a new session.

🖉 Summary of Mail Sessions - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🗐 🖉					
S + E http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=MailCreateMailSession			Google Powered Pandion Search	ρ-	
File Edit View Favorites Tools Help					
😭 🏟 🔾 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🟠 🔹 🔝 🕤 🖶 🖬 🔁 📴 Page 🕶 🎯	T <u>o</u> ols • 3
	Administration Console				Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_d	omain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST./ Modules >FCUB5_SystemModule >NotifyDestQCF >F		omain >Summary of Mail Sessions		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Mail Sessions				
Lock & Edit	Mail sessions facilitate the process of using the Ja Protocol (SMTP)-capable mail servers on your net This page summarizes the mail sessions that have	work or the Internet.		Message Access Protocol (IMAP) - and Simple Mail Transf	er
Domain Structure					
C-Messaging	Customize this table				
Store-and-Forward Agents	Mail Sessions (Filtered - More Columns Exis	it)			
JMS Modules	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	
B-Bridges	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	xt
Data Sources	🔲 Name 🗇	Properties	JNDI Na	ame	
Persistent Stores		There are no it	and to dealers		-
Foreign JNDI Providers		Inere are no it	ems to display		_
XML Registries	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	ext
XML Entity Caches					- 11
jCOM Mail Sessions					
How do I					
Configure access to JavaMail					
Target mail sessions					
Delete mail sessions					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
Society Rep://10.144.74.143.88888[console_portal7_rfpb=true8_paget.abel=MalCreateMalSession		
Ele Edit View Favorites Tools Help		
🚖 🏘 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 🔹 🔂 👘 🖶 🔹 🔂 Eage 🔹 🎯 Tgols 🔹
	Administration Console	Q 4
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > <b>Summary of Mail Sessions</b>	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit Release Configuration	Hall Session Properties The following order tv ill be used to identify your new mail session.	
Domain Structure	Ine rolowing property will be used to identify your new mail session. "Indicates required fields	
	What would you like to name your new mail session? * Name: FCUBSMailSession  * JNDI Name: mail/FCUBSMail  * JNDI Name: mail/FCUBSMail  * JNDI Stratbeehive.oracle.com mail.smtps.debug=true mail.smtps.debug=true mail.smtps.host=stbeehive.oracle.com	
Fallet (0)         Critical (0)           Overloaded (0)         Overloaded (0)           Warning (0)         Ok (2)		



5. Specify the required details to create a session. Sample details are given below:

#### Name

FCUBSMailSession

#### JNDI Name

mail/FCUBSMail

This JNDI name needs to be maintained in fcubs.properties file with encrypted format.

#### **Java Mail Properties**

mail.host=<HOST\_MAIL\_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS\_SERVER\_PORT>

Eg: 1010

mail.transport.protocol=<MAIL\_TRANSFER\_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST\_SMTPS\_MAIL\_SERVER>

Eg: samplename.mail.com

6. Click 'Next'.



The following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/cor	sole/console.portal?MailCreateMailSessionPortlet_actionOverride=/com/bea/console/actions/mail/createmailsession/deployTargets	Google Powered Pandion Search
Elle Edit View Favorites Iools Help		
😭 🏟 🍘 Create a New Mail Session - fcubs11	3_domain - WLS	🟠 🔹 🔝 👘 🖷 🖬 📴 Bage 🕶 🎯 Tools 🕶 🍟
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > <b>Summary of Mail Sessions</b>	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Mail Session Targets	
Domain Structure	This page indicates on which WebLogic Server instances or clusters the mail session is accessible. Only applications that have been deplo session.	yed to the selected servers or clusters can use this mail
fcubs113_domain	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment en fails for all active servers.	sures that if the deployment fails for one active server, it
-Messaging -JMS Servers	Servers	
Store-and-Forward Agents JMS Modules Path Services	AdminServer	
B-Bridges     Data Sources     Persistent Stores	✓ ManagedServer1	
Foreign JNDI Providers	Back Next Finish Cancel	
How do I		
Configure access to JavaMail		
Target mail sessions		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

7. Check the box against the required servers and click 'Finish' to complete the configuration.

<sup>eee</sup> 'fcubs.properties' file needs to be updated with the encrypted values of

- SMTP\_HOST
- SMTP\_USER
- SMTP\_PASSWORD
- SMTP\_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



8. Click 'Active Changes' button to activate the current mail session settings.

C Summary of Mail Sessions - fcubs113	_domain - WLS Console - Windows Internet Explorer	
	onsole/console.portal?_nfpb=true&_pageLabel=MaiMailSessionTablePage	Google Powered Pandion Search
<u>Elle E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ♥ McAfee'		
😭 🏟 🎉 Summary of Mail Sessions - fcubs11	13_domain - WLS C	🟠 🔹 🔝 👻 🖶 😨 Bage 🕶 🎯 Tgols 🔹 🎽
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > <b>Summar</b>	ry of Mail Sessions
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Mail session created successfully.	
Undo All Changes	Summary of Mail Sessions	
Domain Structure  Messaging Million Servers Structure Million and Forward Agents Million Services Bi-Bridges	Mail sessions facilitate the process of using the JavaNail APIs, which provide applications and other JZEE modules v Protocol (SMTP)-capable mail serviers on your network or the Internet. This page summarizes the mail sessions that have been configured in the current WebLogic Server domain. Customize this table Mail Sessions	with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Data Sources Persistent Stores	New Clone Delete	Showing 1 to 1 of 1 Previous   Next
Foreign JNDI Providers Work Contexts		
XML Registries XML Entity Caches	Name 🗞 Properties	JNDI Name
-jCOM Mail Sessions	FCUBSMailSession mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.oracle.com n	mail.smtps.debug=true mail.host=stbeehive.oracle.com mail/FCUBSMail
How do I	New Clone Delete	Showing 1 to 1 of 1 Previous   Next
Configure access to JavaMal     Target mail sessions     Delete mail sessions      System Status      Health of Running Servers      Critical (0)     Critical (0)     Warning (0)     Warning (0)     Ok (2)		

# 7.5.2 Configuration of the TLS/SSL Trust Store for Weblogic Server

As described in the previous section, Oracle FLEXCUBE UBS uses SMTPS to send outgoing mails. SMTPS uses SSL to ensure transport-level security of the mail messages and hence, the certificate of the mail server needs to be imported into the trust store(s) of the Managed Servers where Oracle FLEXCUBE UBS is deployed.

The certificate of the mail server needs to be specifically imported into the trust store configured for the Managed Server(s), as configured in the Oracle FLEXCUBE UBS Installation guide titled 'SSL Configuration On Weblogic' (SSL\_Configuration).

For further details on importing the certificate of the mail server into the trust store, refer to the documentation for the Sun Java keytool utility (Key and Certificate Management tool).





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