Weblogic Configuration Oracle FLEXCUBE Universal Banking Release 14.4.0.1.0 [August] [2020]



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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
- o 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.
- 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
SHAlwithRSA -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.



- 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.
- 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.

<u>Example</u>

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.

- o 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.

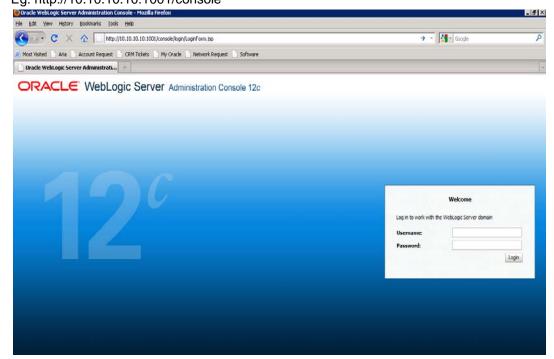
> If you are still not able to load the .so files, then you need to update the EXTRA_JAVA_PROPERTIES by setting Djava.library.path as {ORACLE_HOME}/lib in StartWebLogic.sh or in setDomainEnv.sh.

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 Eg: 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		🐴 🔹 🔝 👘 🖶 🔤 Bage 🕶 🎯 T <u>o</u> ols
	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_doma
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	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Domain Structure cubs113 domain	 Recent Task Status 	 Ask a question on My Oracle Support 	
dubs113_domain B-Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	Domain Configurations		
+-Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics	• Doman	 Messaging JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	Joir connection Pools
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
Haur da T		Persistent Stores	Request Performance
How do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
inter Chabur	Deployments	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)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

	:113_domain - WLS Console - Windows Internet Explorer			
🕽 🕑 👻 🙋 http://10.184.74.143:8888/co	isole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/consol	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSo	urc 💟 🐓 🗙 Google Powered Pandion Search	
Edit View Favorites Iools Help McAfee /				
🕸 🌈 Summary of JDBC Data Sources - fr	ubs113_domain		🟠 • 🔝 • 🖶 • 🔂 Page • 🧔	Tools
	Administration Console			Q
ange Center	🏠 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_	domai
ew changes and restarts	Home >Summary of JDBC Data Sources			
pending changes exist. Click the Release	Summary of JDBC Data Sources			
main.	Configuration Monitoring			
Release Configuration	borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in this	domain.		
"Environment	♥ Customize this table			
"Deployments "Services	Data Sources (Filtered - More Columns Exist)			
MessagingData Sources	New V Delete		Showing 1 to 2 of 2 Previous N	Vext
Persistent Stores Foreign JNDI Providers Work Contexts	□ Name ↔ Type	JNDI Name	Targets	
XML Registries	FCUBS113 Generic	jdbc/fcjdevDS	ManagedServer1	
сом	FCUBS113Branch Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Hail Sessions	New V Delete		Showing 1 to 2 of 2 Previous N	Vext
ow 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				
rstem Status 🗉				
alth of Running Servers				



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

🕘 🕤 👻 🙋 http://10.184.74.143:8888/co	sinseley conselection care _ in pp = er dest_pagecable = i	ktp://10.101.71.110.0000/console/conso	ile.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🚩	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 ·				
🔗 🖗 Summary of JDBC Data Sources - fr	fcubs113_domain			🏠 🔹 🔝 👘 🖷 🔹 🔂 Bage 🕶 🎯 Tools
hange Center //ew changes and restarts lo perding changes exist: Click the Release configuration button to allow others to exit the content. Lock & Edit	Administration Console Admini	vd Help	w	Q
Release Configuration	borrow a database connection from a da	ta source.	nnectivity through a pool of JDBC connections. Applications c	n look up a data source on the JNDI tree and then
MessagingData 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
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Iow do I	New Y Delete			Showing 1 to 2 of 2 Previous Next
Create JDBC generic data sources Create JDBC GridLink data sources Create JDBC milli data sources Delete JDBC milli data sources Delete JDBC milli data sources				
Health of Running Servers				
Faled (0) Critical (0) Overloaded (0) Warning (0)				

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

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Image: Control of the state of th	
	ools + ×
VICACLE WebLogic Server - Administration Console	o 🗠
Change Center Mekome, weblogic Connected to: fcubs113_don	main
View changes and restarts Home > Summary of JDBC Data Sources	_
No performance exet: Click the Release Configuration Incl. & E difference Demain Structure (Column 1) (Column 1) <t< td=""><td></td></t<>	



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

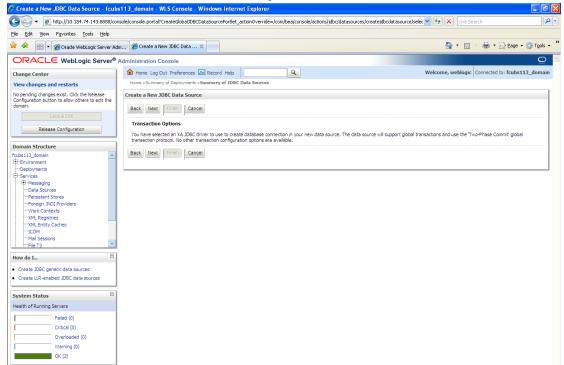
8. Click 'Next'.

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	113_domain - WLS Console - Windows Internet	t Explorer	
🕞 🕞 👻 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_ac	tionOverride=/com/bea/console/actions/jdbc/d	atasources/createjdbcdatasource/addC 💌 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 🔹
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	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.	Back Next Finish Cancel		
	Connection Properties		
Release Configuration	Define Connection Properties.		
Domain Structure	What is the name of the database you would like to con	inect to?	
fcubs113_domain	Database Name:		
Environment Deployments	butabase name.	KERDEV2	
⊕-Services ⊕-Messaging	What is the name or IP address of the database server	?	
Data Sources	Host Name:		
Persistent Stores Foreign JNDI Providers		10.10.10	
Work Contexts	What is the port on the database server used to conner	ct to the database?	
XML Registries	Port:	1010	
сом		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		T GT D TIZT	
Create LLR-enabled JDBC data sources	What is the database account password to use to creat	te database connections?	
	Password:		
System Status			
Health of Running Servers	Confirm Password:	•••••	
Failed (0)	Purch Neural Property Constant		
Critical (0) Overloaded (0)	Back Next Finish Cancel		
Warning (0)			
OK (2)			



11. Click 'Next'.

The following screen is displayed.

Http://127.0.01-7101/consols	e/console.portal?CreateGlobaUDRCDataS	ourcePortlet_actionOverride=/com/bea/console/actions/jdbc/data	sources/cr 🔹 📴 🐓 🗶 🔝 Google 🖉
X 🛛 McAfee'			
🙀 Favorites 🛛 🙀 🙋 Web Slice Gallery 🖲	•		
Create a New JDBC Data Source - DefaultDo	omain		🔄 * 🖾 * 🖾 📾 * Page * Safety * Tools * 🚱 *
	Administration Console		0
hange Center	🔞 Home Log Out Preferences 🔝 R	ecord Help	Welcome, weblogic Connected to: DefaultDomain
iew changes and restarts	Home >Summary of 3DBC Data Source	63	
infiguration editing is enabled. Future anges will automatically be activated as you odify, add or delete items in this domain.	Create a New JDBC Data Source	Insured Francisco	
omain Structure	Test Configuration Back Next	Enish Cancel	
faultOmain	Test Database Connection		
Environment	Test the database availability and the	connection properties you provided.	
Deployments Services	What is the full package name of JDBC	driver class used to create database connections in the connection pool?	
Messaging - JDBC	(Note that this driver class must be in th	te classpath of any server to which it is deployed.)	
Data Sources			
	Driver Class Name:	oracle.jdbc.OracleDriver	
- Persistent Stores	What is the URL of the database to con	nect to? The format of the URL varies by JDBC driver.	
- Foreign JNDI Providers Coherence Clusters	URL:		
Work Contexts	via.	jdbc:oracle.thin@10.10.10	
w do 1	What database account user name do y	you want to use to create database connections?	
Create JDBC data sources	Database User Name:	FCPB1121	
Create LLR-enabled XDBC data sources			
		d to use to create database connections?	2207
stem Status 🖂	Qiote: for secure password management	nt, enter the password in the Password field instead of the Properties field	(below)
saith of Running Servers	Password		
Failed (0)			
Critical (0) Overloaded (0)	Confirm Password:		
Warning (0) OK (1)	What are the properties to pass to the	3DBC driver when creating database connections?	
	Properties:		
	user=FCPB1121		
	What table name or SQL statement wou	uld 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.

Control Biology Control Biol Biol Biol Biol Biol Biol Biol Bi	Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet	Explorer	
Control in the C	🚱 🕢 👻 http://10.184.74.143.8888/co	nsole/console-portal?CreateGlobalJDBCDataSourcePortlet_acti	ionOverride=[com/bea/console/actions/jdbc/datasources/createjdbcdatasou	scoftest 👻 😚 🗙 Google Powered Pandon Search 🖇
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Control Structure (Notice 11 Johnson B Environment)	Lock & Ede	Create a New JDBC Data Source		
Domains furthere Instructure Structure The structure Structure Structure Structure Structure Structure Structure <td>Release Configuration</td> <td>Test Configuration Back Next Finish Cano</td> <td>et.</td> <td></td>	Release Configuration	Test Configuration Back Next Finish Cano	et.	
Data III Junction Data III Junction Prestorement	Domain Structure	Test Database Connection		
Description What is the full package name of 2000 of other class used to create database connections in the connection pool? Services Services Procession Stores Descriptions Name Oracle 2000 OracleDimer What is the full package name of 2000 OracleDimer Use that this dher class pack to the other data used to create database connections in the connection pool? Data Sources Driver Class flame: Oracle 2000 OracleDimer What is the full package name of 2000 OracleDimer What is the URL of the database to connect to? The format of the URL varies by 2000 Oriver. VRL Contexts What is the database account user name do you mant to use to create database connections? Code 2000 Context Context code name Use ther haseword field instand of the Properties floid before) Protect IL endoted (0) Outboase database connections? Outboased (0) Outboased (0) What is the database account password to use to create database connections? Deter for secure password Inter the password in the Password field instand of the Properties floid before) Password: Inter the password in the Password field instand of the Properties floid before) Properties: Inter the password in the Password field instand of the Properties floid before) Properties: Inter the password in the Password field	foubs113_domain	Test the database availability and the connection prope	rtes you provided.	
Code Services	Environment	What is the fill parkage game of 1080 driver class used	to meate database consections in the consection mod?	
Present States Orecle 200C date sources Orecle 200C date sour				
Present Stores Order Class Name: Oracle Direct Mick Registers Mick Contacts What is the URL of the database to connect to? The format of the URL varies by 200C driver. Mick Registers URL: jdbc: oracle film (@10.10.10) Vite is the database account user name do you want to use to create database connections? Octabase User Name: FCPB 1121 Octabase DSC generic data sources Octabase Vser Name: FCPB 1121 Octabase User Name: PCPB 1121 Paled of Running Servers Octabase (0) What is the database connections? Octabase User Name: PCPB 1121 Overloaded (0) What are the properties to pass to the 200C driver when creating database connections? Preservice: Preservice: Vite are the properties to pass to the 200C driver when creating database connections? Preservice: Preservice: Preservice: User "PCPB 1122 User Tores tore tore tore tore tore tore tore tore	Hessaging	. Quote that this driver class must be in the classpath of an	ty server to which it is deployed.)	
Mark Browies What's the URL of the database to connect to? The format of the URL varies by 200C drive?. Mark Breaching URL: jdbc: oracle thin @10.00.10. Mark Breaching Commit data sources Urbat a total commit data sources Database User Name: FCPB1121 Octate 200C granic data sources Urbat to the database account password to use to create database connections? Database User Name: FCPB1121 Vibrat sources Urbat to the database account password to use to create database connections? Urbate to create database connections? Urbate for source password field instand of the Properties field below) Passe 010 Overloaded (0) What is the database to the 200C driver when creating database connections? Urbate the properties to pass to the 200C driver when creating database connections? Properties: User Immere: Urbat to the properties to pass to the 200C driver when creating database connections? Properties: User Immere: User Immere: User Immere: User Immere: User Immere: User Immere: User Immere: Overloaded (0) What is the database to the 200C driver when creating database connections? Properties: User Immere: User Immere: User Immere: User Immere: User Immere: User Immere: User Immere: <td>Persistent Stores Foreign 3NDI Providers</td> <td>Driver Class Name:</td> <td>oracle.jdbc.OracleDriver</td> <td></td>	Persistent Stores Foreign 3NDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
URL: jdbc.createl#thin @10.10. Mol Session File T3 What database account user name do you want to use to create database connections? Ocates DRC generic data sources Outer Name: Context URL emotion DRC data sources What is the database account password to use to create database connections? Vitues status What is the database account password to use to create database connections? Vitues file connect data sources What is the database account password is outer to create database connections? Vitues file connect data sources What is the database account password field instand of the Properties field below) Password: Confirm Password: Confirm Password: Confirm Password: What is the properties to pass to the JDC drive when creating database connections? Properties: Properties: User "FCPBIL21		What is the URL of the database to connect to? The form	nat of the URL varies by JDBC driver.	
File T2 What database account user name do you want to use to create database connections? Orate 2000 generic data sources Outabase User Name: Orate 2000 generic data sources FOPB1121 What is the database account password to use to create database connections? User Name: Poster 10, Rended 2000 class sources Outabase User Name: Failed (0) Outabase (0) Control (0) Outabase (0) What we the properties to pass to the 2000 drive when creating database connections? Properties: User IST Ox (2) Properties to pass to the 2000 drive when creating database connections?	-JCOM	URL:	jdbc.oraclethin@10.10.10.	
Orelas 200C generic data sources Orelas 200C generic data sources Orelas 200C generic data sources Orelas 200C data sources Orelas Orelas Orelas 200C data sources Orelas 200C data source		What database account user name do you want to use t	o create database connections?	
	How do L	Database User Name:	EC081121	
System Status Clater for secure parsword management, enter the password field instead of the Properties field below) Password: Password: Control (0) Overloaded (0) What are the properties to pass to the 200C driver when creating database connections? Properties: User=PCFB1121	Create 3DBC generic data sources		Torbrief	
System Status Image: System St	Create LLR-enabled 3DBC data sources			
Palers (0) Contiant Password: Overhadded (0) What are the properties to pass to the JOBC driver when creating database connections? Overland Properties: User=PCPB1121	System Status	Olote: for secure password management, enter the pass	word in the Password field instead of the Properties field below)	
Paled (0) Confirm Password; Overbadde (0) Confirm Password; Warming (0) What are the properties to pass to the JOC driver when creating database connectorie? Ox (2) Properties: Use the "CPBILIZI	Health of Running Servers	Password	(manufacture and a second seco	
Overloaded (0) Winning (0) Winning (0) What are the properties to pass to the JOC driver when creating database connectorie? Oxic (2) Properties: Use the "DCPDILI21 Integration of the section of th	Faled (0)			
Overloaded (0) Winning (0) Winning (0) What are the properties to pass to the JOC driver when creating database connectorie? Oxic (2) Properties: Use the "DCPDILI21 Integration of the section of th	Critical (0)	Confirm Passwort		
Warring (0) What are the properties to pass to the 200C driver when creating database connectors? Oxic (2) Properties: Use cr = CCPB1121 Image: CCPB1121		Commit Passinore.		
Propries User=CFD121		What are the properties to pass to the 3DBC driver when	n creating database connections?	
user=PCPB:121	OK (2)	Properties		
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re Standard (1996) - Standard				
	lone			Secol intranet 🔍 100%

17. Click 'Next'.



The following screen is displayed:

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🕒 🗸 🖌 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions//dbc/datasources/createjdbcdatasource/selec 💙 🐓 🗙 Google Powered Pandon Search 🚽	• 9
Eile Edit View Favorites Tools Help		
🚖 🏟 🏉 Create a New JDBC Data Source - f	cubs113_domain 🔤 👘 👻 📴 Bage 👻 🛞 Bage 🖉 Topis	; • ²⁰
	Administration Console	
Change Center	🏦 Home Log Out Preferences 🖾 Record Help	in
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	11
domain.	Back Next Finish 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	
Deployments	✓ AdminServer	
⊕-Services ⊕-Messaging		
Data Sources Persistent Stores	AnagedServer1	
Foreign JNDI Providers		
Work Contexts XML Registries	Back Vext Finish Cancel	
XML Entity Caches		
jCOM Mail Sessions		-
-Fie T3		
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:

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	isole/console.portal?_nfpb=true&_pageLabel=GlobalJDBCDa	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		← Coogle Powered Pandion Search
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	Administration Console			Q
Change Center	Home Log Out Preferences Record Help	٩	We	Icome, weblogic Connected to: fcubs113_domain
View changes and restarts Pending changes exist. They must be activated	Summary of JDBC Data Sources			
to take effect.	Configuration Monitoring			
Undo All Changes	A JDBC data source is an object bound to the JNDI tre borrow a database connection from a data source.	ee that provides database conn	ectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
Domain Structure fcubs113_domain	This page summarizes the JDBC data source objects the	hat have been created in this d	omain.	
Deployments Services	Customize this table			
Messaging <u>Data Sources</u> Persistent Stores	Data Sources (Filtered - More Columns Exist)			Showing 1 to 3 of 3 Previous Next
Foreign JNDI Providers Work Contexts	🔲 Name 🐵	Туре	JNDI Name	Targets
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
How do I	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
Create JDBC generic data sources	New Y			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				
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 - fcubs	bs113_don	nain - WLS Console - Win	lows Internet Explorer				- • 🛛
G v //10.184.74.143:8888/cor	onsole/consol	le.portal?_nfpb=true&_pageLab	el=http://10.184.74.143:8888,	/console/console.p	ortal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	😽 🗙 Google Powered Pandion Searc	:h 🔎 -
Elle Edit View Favorites Tools Help							
😭 🏟 🌈 Summary of JDBC Data Sources - fo	fcubs113_do	main				🟠 🔹 🔝 👘 🖶 🖶 Bage 🔹	💮 Tools 👻
ORACLE WebLogic Server®	Administ	ration Console					Q
Change Center	Hor	me Log Out Preferences 🔤 R	ecord Help	٩	We	Icome, weblogic Connected to: fcubs1	13_domain
View changes and restarts		>Summary of JDBC Data Source	es				
Click the Lock & Edit button to modify, add or delete items in this domain.	Messag Al	ges I changes have been activated. I	lo restarts are necessary.				
Lock & Edit	Summa	ary of JDBC Data Sources					
Release Configuration	Config	guration Monitoring					
frubs113_domain ▲ ⊕ Environment → → Gervices ➡ ⊕ Services → → Data Sources → → Persistent Stores → → Foreign JOLF Poviders → → Wick Contexts → → WAL Entry Caches → → →	This ; Cust Data Click t	w a database connection from a page summarizes the JDBC data tomize this table Sources (Filtered - More Co the <i>Lock & Edi</i> tbutton in the O w Delete	source objects that have been			Showing 1 to 3 of 3 Previou	is Next
		Name 🏟	Туре		JNDI Name	Targets	
How do I	i 🗆	FCUBS113	Generi	c	jdbc/fcjdevDS	ManagedServer 1	
Create JDBC generic data sources		FCUBS113Branch	Generi	c	jdbc/fcjdevDSBranch	ManagedServer1	
Create JDBC GridLink data sources Create JDBC multi data sources		FLEXTEST.WORLD	Generi	c	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources Delete JDBC multi data sources	Nev	v 🕶 Delete				Showing 1 to 3 of 3 Previou	s Next
System Status E Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)							

- **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.



http:10.10.10.10:1001/console Eg: 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.

- A http://10.194.74.140.0000/-	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
	console/console.portar/_nrpb=trues_pageLabel=HomePage1	Guge Powered Pandon Search	
e Edit View Favorites Tools Help McAfee' /			
Home Page - fcubs113_domain - V	WLS Console		🛐 👻 🗟 👘 🖶 📴 Page 🕶 🎯 Tool:
	[®] Administration Console		Ç
ange Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
iew changes and restarts	Home		
ck the Lock & Edit button to modify, add or lete items in this domain.	Home Page		
	- Information and Resources		
Lock & Edit	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure applications Configure GridLink for RAC Data Source	Read the documentation	
main Structure	Recent Task Status	Ask a guestion on My Oracle Support	
os113_domain	Set your console preferences	Ask a question of My Grade Support Oracle Guardian Overview	
Environment Deployments	Set your console preferences		
Services	— Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
w do I	Coherence Servers	Persistent Stores	Request Performance
	Coherence Clusters	 XML Registries 	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	 SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
	Deployments	 FileT3 	
stem Status 🗉		• JTA	
alth 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:

Summary of JDBC Data Sources - fcubs	s113_domain - WLS Console - Windows Internet	Explorer		
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.	74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	Google Powered Pandion Search
Elle Edit View Favorites Iools Help • McAfee'				
😭 🏘 🏈 Summary of JDBC Data Sources - fo	ubs113_domain			🚹 🔹 🔝 🔹 🖶 🔹 🔂 Page 🕶 🎯 Tools 🔹 🎽
	Administration Console			Q 🏫
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	w	elcome, 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	Summary of JDBC Data Sources			
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.	e that provides database co	nnectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data source objects th	at have been created in this	: domain.	
fcubs113 domain				
Environment Deployments	Customize this table			
Services	Data Sources (Filtered - More Columns Exist)			
Messaging Data Sources	New V Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores				
Foreign JNDI Providers	Name 🗞	Туре	JNDI Name	Targets
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
јсом	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Mail Sessions	New V Delete			Showing 1 to 2 of 2 Previous Next
How do I	DODO			Showing 1 to 2 of 2 Themas Thext
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) OK (2)				
OK (2)				



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

🖉 Summary of JDBC Data Sources - fcubs	s113_domain - WLS Con	sole - Windows Interne	t Explorer			- I X
	nsole/console.portal?_nfpb=tru	e&_pageLabel=http://10.18	4.74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🛩	Google Powered Pandion Search	P -
Eile Edit Yiew Favorites Tools Help • McAfee •						
😤 🏟 🌈 Summary of JDBC Data Sources - fo	cubs113_domain				🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🍈 Tj	ools • "
	Administration Console					<u>o</u> ^
Change Center	🔒 Home Log Out Prefer	rences 🔤 Record Help	٩	w	elcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDB	C Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data	Sources				
domain.	Configuration Monito	ring				
Lock & Edit Release Configuration	borrow a database conn	ection from a data source.		nnectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and then	,
Domain Structure	This page summarizes th	e JDBC data source objects t	hat have been created in this	domain.		
fcubs113_domain	Customize this table					
Deployments						
Services Homessaging		d - More Columns Exist)				
Data Sources	New V Delete				Showing 1 to 2 of 2 Previous Nex	rt –
Foreign JNDI Providers	Generic Data Source		Туре	JNDI Name	Targets	
Work Contexts XML Registries	GridLink Data Source		Generic	jdbc/fcjdevDS	ManagedServer1	11
XML Entity Caches					-	- 1 -
jCOM Mail Sessions	FCUBS113Brand	1	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
File T3	New 🛩 Delete				Showing 1 to 2 of 2 Previous Nex	đ
How do I						- 11
Create JDBC generic data sources						_
Create JDBC GridLink data sources Create JDBC multi 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) OK (2)						
OK (2)						

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

	sole/console.portalPCreateGlobaUDBCDataSourcePortletreturnTo=GlobaUDBCDataSourceTablePage8GlobaUDB	A second
jle Edit Yew Fgvorites Iools Help		
🖌 🏟 🔹 🅐 FCUBSWiki - Enabling Debug	🖉 Create a New 3DBC Data X	💁 • 🔝 👘 🖶 • 🔂 Bage • 🕲 Tgols •
ORACLE WebLogic Server®	Idministration Console	Q
Change Center	🕼 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of 3DBC Data Sources > FCU85113 >Summary of Deployments > FCU85113Dev >Summary of 0	Deployments >Summary of JDBC Data Sources >FCUBS113 >Summary of JDBC Data Sources
Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Activate Changes	Sinck Next Finnin Cancel	
Undo All Changes	JDBC Data Source Properties	
Domain Structure	The following properties will be used to identify your new JDBC data source. * Indicates required fields	
foubs113_domain	C and a second	
8 Environment Deployments	What would you like to name your new JDBC data source?	
B-Services		
Messaging Data Sources	dE *Name: FCUBSDS	
Persistent Stores	What JNDI name would you like to assign to your new JDBC Data Source?	
-Foreign 2NDI Providers		
-Work Contexts 	1 JNDI Name:	
XML Entity Caches	jdbc/fcjdevDS	
COM		
Mail Sessions		
i i-FieT3		
How do L. E		
Create 3DBC generic data sources	What database type would you like to select?	
Create LLR-enabled JDBC data sources	Database Type:	
System Status	Oracle	
Health of Running Servers	Back Next Finan Cancel	
Faled (0)	and the second s	
Critical (0)	<u></u>	
a south a second s		
Overloaded (0)		
Warning (0)		
OK (2)		



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	
🚱 🗸 🖉 http://10.184.74.143:8888/com	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbc	cdatasource/selec 💙 🐓 🗙 Google Powered Pandion Search 🖉 🔎
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	$sole/console.portal? CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/creatersole/actions/jdbc/datasources/creatersole/actionSole/actions/jdbc/datasources/creatersole/actionSole/actions/jdbc/datasources/creatersole/actionSole/actions/jdbc/datasources/creatersole/actionSo$	rejdbcdatasource/selec 🗹 🐓 🗙 Google Powered Pandion Search 🛛 🔎
ijle <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ⊅ McAfee: /		
🖌 🎄 🌈 Create a New JDBC Data Source - f	subs113_domain	🖄 👻 🔝 🕤 🖶 Y 📴 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 Iteration Cancel Transaction Options Cancel	
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.	
Cubs 112 domain A Deployments Deployments Deployments Heassaging Default Sources -Persistent Stores -Foreign JIIDI Providers -Work Contexts -VWR Registries -VWR Registries	Supports Global Transactions Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transact Recommended in place of Enulate Two-Phase Commt. Logging Last Resource Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global heuratic conflortions.	
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 transaction other resources can participate in the global transaction.	ons 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 Friend Cancel	
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) Ok (2)		

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

	s113_domain - WLS Console - Windows Internet		sources/createldbcdatasource/add:
Ele Edit View Favorites Tools Help	nsole/console.porcar<_reaces/bbalubeLbacabourcePoruec_ao	cionOvernae=/com/bea/console/actions/jabc/daca	sources/create/pacdatasource/add. Y Y A Google Powered Panalon Search
🖌 🏟 🌈 Create a New JDBC Data Source - f	cubs113_domain		🚹 🔹 🔝 👘 🖶 Bage 💌 🎯 Tgols 🗸
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
/iew changes and restarts	Home >Summary of JDBC Data Sources		
to pending changes exist. Click the Release	Create a New JDBC Data Source		
domain.	Back Next Finish Cancel		
	Connection Properties		
Release Configuration	Define Connection Properties.		
omain Structure	What is the name of the database you would like to con	inect to?	
ubs113_domain E-Environment Deployments	Database Name:	KERDEV2	
-Services	What is the name or IP address of the database server	?	
MessagingData SourcesPersistent Stores	Host Name:	10.10.10.10	
Foreign JNDI Providers Work Contexts	What is the port on the database server used to conner	ct to the database?	
XML Registries	Port:		
јСОМ		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 Create LLR-enabled JDBC data sources	What is the database account password to use to creat	te database connections?	
ystem Status	Password:	•••••	
lealth of Running Servers	Confirm Password:	•••••	
Failed (0)			
Critical (0) Overloaded (0)	Back Next Finish Cancel		
Warning (0)			
OK (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 - fcu	ubs113_domain - WLS Console - Windows Interr	net Explorer	
(3) (a) * (b) http://10.184.74.143.88888/c	console/console.portal?CreateGlobaUDBCDataSourcePortlet,	actionOverride=/com/bea/console/actions/jdbc/datasources/create/dbcd	istasource/test(🗙 👘 🗙 🛛 Google Powered Pandon Search
de Edit View Figvorites Iools Help D. McAfeo			
🖌 🐼 🍘 Create a New 3DBC Data Source -	- fcubs113_domain		💁 • 👩 - 🖶 • 🔂 Bage • 🎯 Tgols
	Administration Console		0
hange Center	Home Log Out Preferences 🐼 Record Help	9	Welcome, weblogic Connected to: fcubs113_doma
iew changes and restarts	Home > Summary of JDBC Data Sources		
pending changes exist. Click the Release infouration button to allow others to edit the	Create a New 3DBC Data Source		
nan.	Test Configuration Back Next Frish C	ancel	
	Test Database Connection		
Release Configuration	Test the database availability and the connection pr	roperbes you provided.	
main Structure	What is the full package name of JDBC driver class u	sed to create database connections in the connection pool?	
bs113_domain A	Note that this driver class must be in the classpath of	of any server to which it is deployed.)	
Deployments			
Services Mittessaging	Driver Class Name:	oracle jdbc.OracleDriver	
Data Sources Persistent Stores	What is the URL of the database to connect to? The	format of the URL varies by JDBC driver.	
Foreign JNDE Providers Work Contexts	URL:	idbc.oracle.oci @10.10.10	
XML Registries		Japo oracie oci (gru. 10. 10	
XML Entity Caches	What database account user name do you want to u	se to create database connections?	
-Mai Sessions	Database User Name:	FCPB1121	
w do L	a		
Freate 308C generic data sources	What is the database account password to use to on		
Freate LLR-enabled JDBC data sources	(Note: for secure password management, enter the	password in the Password field instead of the Properties field below)	
	Password:		
stem Status	1 0.000000000	••••••	
ith of Running Servers	Confirm Password:		
Faled (0) Critical (0)			
Overloaded (0)	What are the properties to pass to the 3DBC driver v	inen creating database connections?	
Warning (0)	Properties:		
OK (2)	user=FCFB1121		
1.000	7		
	The set of driver properties whose values are derive	d at runtime from the named system property.	
	Custom Buseration		
0			Scalintranet 🔍 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.

Edit View Favorites Iools Help			
For Ten Linnes Toos Heb			
🚱 Create a New 3DBC Data Source	- fcubs113_domain		💁 • 🖾 - 👼 • 🔂 Bage • 🕼 Tgols
	Administration Console		•
nge Center	🕜 Home Log Out Preferences 🔛 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
v changes and restarts	Home > Summary of JDBC Data Sources		
ending changes exist. Click the Release figuration button to allow others to edit the an.	Connection test succeeded.		
Loca & Cor	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finish Cancel		
ain Structure	Test Database Connection		
113_domain	Test the database availability and the connection propert	tes you provided.	
invironment	What is the full package name of 3DBC driver class used to	create database connections in the connection pool?	
leployments ienvices	(Note that this driver dass must be in the dasspath of any	carvar to which it is darknowd \	
Messaging	And a set and and a set and a set of the set of the set	ner ner of an efficiency and a set of a	
"Data Sources	a programmer of the second s		
Persistent Stores	Driver Class Name:	oracle.jdbc.OracleDriver	
Foreign JNDL Providers Work Contexts			
-XM, Repatries	What is the URL of the database to connect to? The forma	at of the URL varies by 3DBC driver.	
-XML Entity Caches	URL		
-jCOM	URL:	jdbc.oracle.oci @10.10.10.	
Mail Sessions File T3			
	What database account user name do you want to use to	create database connections?	
r do I	Database User Name:	FCPB1121	
eate 306C generic data sources		FGPBTIZT	
reate LLR -enabled 3DBC data sources	What is the database account password to use to create d	iatabase connections?	
tem Status E	Otate: for secure password management, enter the passw	rord in the Password field instead of the Properties field below)	
th of Running Servers			
	Password:	**********	
Faled (0)			
Critical (0)	Confirm Password:		
Overloaded (0)			
Warning (0)	What are the properties to pass to the JDBC driver when o	creating database connections?	
OK (2)			
	Properties:		
	user=FCFB1121	121 1	

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:

nowing screen is								
		nain - WLS Console - Windows Internet Ex	, ,					
🕑 🕤 🕶 🙋 http://10.184.74.143:8888/	<u> </u>	Google Powered Pandion Search						
Edit View Favorites Tools Help								
🖗 Summary of JDBC Data Sources -	- fcubs113_do	main			🟠 • 🔊 - 🖶 • 📴 Bage • 🎯			
	Administ	ration Console						
nange Center	Hor	me Log Out Preferences 🐼 Record Help	W	elcome, weblogic Connected to: fcubs113_d				
ew changes and restarts	Home	>Summary of JDBC Data Sources						
nding changes exist. They must be activated take effect.	Summa	Summary of JDBC Data Sources						
Activate Changes	Config	guration Monitoring						
Undo All Changes	DL A	BC data source is an object bound to the JNDI tree th w a database connection from a data source.	at provides database conr	nectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and the			
omain Structure								
os113_domain		page summarizes the JDBC data source objects that h	ave been created in this d	omain.				
Environment Deployments	D.C.	tomize this table						
Services								
E Messaging	Data	Data Sources (Filtered - More Columns Exist)						
Data Sources Persistent Stores	Nev	v v Delete		Showing 1 to 3 of 3 Previous Next				
Foreign JNDI Providers		Name 🔅	~	JNDI Name	Targets			
Work Contexts XML Registries		Name 🗠	Туре	JNDI Name	Targets			
XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1			
jCOM Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1			
FleT3		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer			
w do I			Generic					
Create JDBC generic data sources	Nev	Delete			Showing 1 to 3 of 3 Previous Ne			
Create JDBC GridLink data sources								
Create JDBC multi data sources								
Delete JDBC data sources								
elete JDBC multi data sources								
stem Status								
stem Status E								
stem Status E alth of Running Servers Falled (0)								
stem Status E alth of Running Servers Falled (0) Critical (0)								
stem Status E aith of Running Servers Failed (0) Critical (0) Overloaded (0)	3							
ealth of Running Servers Failed (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_domain				
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						
[™] Deployments [™] Deployments [®] Services [®] [®] Messaging [®] [®] Data Sources [®] [®] Persistent Stores [™] [®] Persistent Stores [™] [®] NUP Noviders [™] [®]	This page summarizes the JDBC data source objects that have been created in this domain. Customize this table Data Sources (Filtered - Hore Columns Exist) Click the Lock & Editbutton in the Change Center to activate all the buttons on this page. Theory > Delete 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			
 Delete JDBC data sources Delete JDBC multi data sources Delete JDBC multi data sources 	Tervite Showing 1to 3 of 3 Previous Next						
System Status System Status Health of Running Servers Faled (0) Critical (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 > fcjdevDS
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 DefaultDomain Deployments	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	FCUBS DS_ASYNC	jdbc/fcjdevDS_ASYNC	
Scheduler	Scheduler_Datasource	jdbc/fcjSchedulerDS	

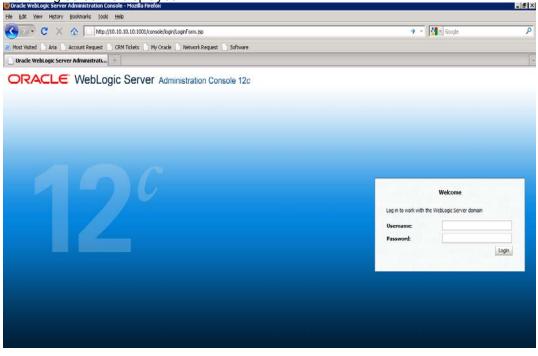
7.2.2 JMS Server Creation

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	
	 Configure applications 	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
omain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
ubs113_domain P-Environment	 Set your console preferences 	Oracle Guardian Overview	
Deployments 3-Services	- Domain Configurations		
- Services Security Realms	Domain	Services	Interoperability
-Interoperability	Domain	Messaging	WTC Servers
B-Diagnostics	- Contain	 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	- 34 44 44 44
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	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		 jCOM 	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
ystem Status 🖂	Deployments	 FileT3 JTA 	
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 #-EnvironmentDeploymentsServicesdeploymentsDeployment	Customize this table JMS Servers (Filtered - More Colu Click the <i>Lock & 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 Dete 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 🛛		
	isole/console.portal?_nfpb=true&_pageLab	el=JmsServerJMSServerTablePage		🖌 😽 🗙 🛛 Google Po	wered Pandion Search		
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	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.							
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	Release Configuration This page summarizes the JMS servers that have been created in the current WebLogic Server domain.						
Domain Structure	Customize this table						
fcubs113_domain Environment							
Deployments	Now Delete 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	THERE &	Te no reena to diapidy	Shaudaa	0 to 0 of 0 Previous Next		
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/cor	nsole/console.portal?_nfpb=true&_pageLabel=JmsServerCreateJMSServer&JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/co	nsole, 🖤 🗲 🗙 Google Powered Pandion Search 🖉 🔹
File Edit View Favorites Tools Help		
McAfee		**************************************
😤 🏟 🍘 Create a New JMS Server - fcubs11	13_domain - WL5 C	🏠 🔹 🔂 🕤 🖶 🖬 🖓 Page 🗸 🎯 Tools 🗸 🎽
		<u> </u>
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	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JMS Server	
domain.	Back Next Finish Cancel	
	JMS Server Properties	
Release Configuration	The following properties will be used to identify your new JMS Server.	
Domain Structure	* Indicates required fields	
fcubs113_domain	What would you like to name your new JMS Server?	
Environment Deployments	What would you me to here your new sha server:	
E-Services	dg * Name: FCUBS_JMSServer	
MessagingJMS ServersJMS Servers	Specify persistent store for the new JMS Server.	
····Store-and-Forward Agents ····JMS Modules		
Path Services	Persistent Store: (none) V Create a New Store	
B-Bridges Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers Work Contexts		
How do I		
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:

	cify the name of 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:	
Flock 113, domain Image: Constraint of the Environment Debloyments Debloyments </td <td>Back Next Frieff Cancel</td> <td></td>	Back Next Frieff Cancel	
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)		

Following screen is displayed:

ORACLE WebLogic Serv	er Adm	inistration Console 12c			
Change Center		A Home Log Out Preferen	Record Help		Welcom
View changes and restarts		Home >Summary of Security R	re >Summary of Persistent Stores >FCUBSFileStore >Summary of Persistent Store	\$	
No pending changes exist. Click the Release Configuration button to allow others to edit domain.	the	Create a New File Store	encel		
Lock & Edit		and the second second second			
Release Configuration		File Store Properties			
Domain Structure	=	The following properties will * Indicates required fields	t used to identify your new file store.		
PM122ITR2					
Damain Partitions Densini Partitions Personnet Desployments Desployments Person Partial Sources Partial Sources Partial Sources Partial Sources Partial Sources Portial Sources	<	What would you like to name * Name: What scope do you want to o Scope: The pathname to the director Directory:	FileStore-0	system, so be sure to create it before completing this tab.	
How do L Create File Stores	8	Back Next Finish	ancel		
Monitor persistent stores					
System Status	8				
Health of Running Servers					
Failed (0) Спісаl (0) Overloaded (0) Warring (0) ОК (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?3msServerCreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/stores/createjmsfilestore/finish	Google Powered Pandion Search
Ele Edit View Favorites Tools Help		
🚖 🏟 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🛐 🔹 🔝 🔹 🖶 🔹 📴 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	
Pending changes exist. They must be activated to take effect.	Messages # File store created successfully.	
Activate Changes	Create a New JMS Server	
Undo All Changes	Brock Next Enish 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?	
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
UN (2)		

🖉 Create a New JMS Server - fcubs113_c	domain - WLS Console - Windows Internet Explorer	
	sole/console.portal?3msServerCreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/selectTargets	Google Powered Pandion Search
Eile Edit View Favorites Iools Help		
🔶 🏟 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🏠 🔹 🖾 🕤 🖶 🔹 🔂 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	
Pending changes exist. They must be activated to take effect.	Create a New JMS Server	
Activate Changes	Back Next Finish Cancel	
Undo All Changes	Select targets	
Domain Structure	Select the server instance or migratable target on which you would like to deploy this JMS Server.	
fcubs113_domain	Target: ManagedServer1 ¥	
B-Environment —Deployments —Deployments B-Services G-Messaging —Site services —Mit Services —Paristices —Paristices —Persistent Stores —Persistent Stores —Persistent Stores —Persistent Stores —Ondrages Uter Configure JMS system modules Configure autom persistent stores	Back Next Finan Cance	
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
Un (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	onsole/cor	onsole.portal?_nfpb=true&_pageLabel=JmsS	erverJMSServerTablePage		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 IMS 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	WLS Console	🟠 🔹 🔝 🔹 🎰 🔹 🔂 Eage 🕶 🎯 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.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, too 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	nio page summinica die silo system noodels die nate been ereated for dia domain.	
foubs113_domain	Customize this table JHS Hodules Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.	
····JMS Servers ····Store-and-Forward Agents ····JMS Modules		Showing 0 to 0 of 0 Previous Next
Path Services	Name 🏟 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 - Windows Internet Explorer	- 2 🛛
🔆 🕑 🕘 💌 👔 http://10.184.74.143:8888(console/console_portal?_nfpb=trues_paget.abel=http://10.184.74.143:8888(console/conso	ed Pandion Search
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👷 🏟 🌈 JM5 Modules - Foubs113_domain - WLS Console 👘 🔹 🐻	• • 🔂 Page • ۞ Tools • *
ORACLE WebLogic Server® Administration Console	Q 🖉
Change Center 🕜 Home Log Out Preferences 🖉 Record Help 🔍 Welcome, weblogic Connec	cted to: fcubs113_domain
View changes and restarts Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JDBC Data Sources >FLEXTE	iles
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	
Look & Edit JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destributed optics, foreign servers, and JMS store-and-forward (SAP) parameters. You can administratively configure and manage JMS system modules a resources. This page summarizes the JMS system modules that have been created for this domain.	nation keys, quota, ıs global system
Domain Structure	
fobs113_domain Determinent De	
"Deployments JH5 Modules	
D-Services D-Messaging Detete Showing D to:	0 of 0 Previous Next
- MS Servers - Servers - Type - Type	
"2H5 Modules	
	0 of 0 Previous Next
Data Sources Siture Unite Siture Si	COTO Previous Next
- Foreign INDI Providers	
How do L	
Configure who system modules Configure sources for XMS system modules	
System Status	
Health of Running Servers	
Failed (0) Critical (0)	
Cverbadd (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/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnTo=JmsModulesTablePage&Jms	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	J 🛛
🔆 🔆 🗸 🖉 http://10.184.74.143:8888/cor	nsole/console.portal?CreateJMSSystemModulePortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createmodule/selectTargets 💟 🚱 🔀 😡 Google Powered Pandion Search	• ۹
Ele Edit Yiew Favorites Tools Help		
👷 🏟 🌈 Create JMS System Module - fcubs 1	113_domain - WL5 🔤 👻 📾 💌 📴 🛃 👘 😰 Bage 💌 🎯 Tgol	s • "
ORACLE WebLogic Server®	Administration Console	<u>^</u>
Change Center	œ 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	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JMS System Module	
domain.	Back Next Frish 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 cluster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish.	
fcubs113 domain	Targets :	
Environment		
Deployments Services	Servers	
■ Messaging		
JMS Servers Store-and-Forward Agents	AdminServer	
JMS Modules		
Path Services	V ManagedServer1	
B-Bridges Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI ProvidersWork 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 Explorer	
G v lattp://10.184.74.143:8888/con	sole/console.portal?CreateJMSSystemModulePortlet_actionOverride=/com/bea/console/actions/jms/m	odules/system/createmodule/newResource 💌 🐓 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹
Eile Edit View Favorites Iools Help McAfee'		
🚖 🏘 🌈 Create JMS System Module - fcubs1	13_domain - WL5	🟠 🔹 📾 🔹 🔂 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 >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create JHS System Hodule Back Tree: Finan Cancel Add resources to this JHS system module Use this page to indicate whether you want to immediately add resources to this JHS system module	
Domain Structure	Use this page to indicate whether you want to immediately add resources to this JHS system inc	dule after it is created. JMS resources include queues, topics, connection factories, etc.
fcubs 113_domain Brit rormanent Deprovments Deprovments	Would you like to add resources to this 3HS system module? Back Text Finan Cancel	
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) 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
ORACLE 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 -7315 Hobules -7315 Hobules -7315 Serves B-315 Serves -7315 Sources -	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 Provided Agents Data Services Pars Services Pars Services Pars Services Pars Services Pars Services Port Sources Port Source	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 FCL65_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 Pervices Proceasing Processing Processi	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 Perceptionment Perceptionments Perceptionments Perceptionments Perceptionments Perception Percepti	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?_nl	pb=true&_pageLabel=JmsModulesTablePage 💙 47 🗶 Google Powered Pandion Search 👂 🔹
Eile Edit View Favorites Tools Help McAfee		
🚖 🏟 🎉 JMS Modules - fcubs113_domain - 1	MLS 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	f 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.	Messages All changes have been activated. No restarts are necessary. 	
Lock & Edit	JMS Modules	
Release Configuration		
Domain Structure	distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parar	Such resources include queues, topics, connection factories, templates, destination keys, quota, neters. 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		
-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		
E Bridges		Showing 1 to 1 of 1 Previous Next
Data Sources Persistent Stores		
Foreign JNDI Providers	Name 🐟	Туре
I IWork Contexts	FCUBS_SystemModule	System
How do I	New Delete	Showing 1 to 1 of 1 Previous Next
 Configure JMS system modules 		
Configure resources for JMS system modules		
Sustan Status		
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	Console - Windows Internet Explorer	
	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 Iools Help		
😭 🏟 🌈 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 JD	DBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Hodules JMS pystem resources are configured and stored as modules similar to standard JXEE modules. Su darbituted queues, distributed topics, foreign servers, and JMS store-and-forward (SAP) paramet resources.	
Release Configuration	This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure fcubs 113_domain B-Environment Deployments	Customize this table JMS Modules	
Services GrMessaging	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
Bridges "-Data Sources "-Porisitent Stores "-Foreign JNDI Providers Work Contexts "	New Oelet	Showing 1 to 1 of 1 Previous Next
How do I		
Configure JMS system modules Configure resources for JMS system modules System Status Health of Running Servers Faled (0) Critical (0) Critical (0) Uverloaded (0) Warning (0)		
OK (2)		

2. Click 'Lock & Edit' button.



3. Select the JMS module created earlier.

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console	- Windows Internet Ex	plorer			_ & 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?_nfpb=true&_page	Label=JM55ystemModuleCor	figGeneralPage&handle=com	bea.console.handles.JMXHandle%28%22com	.b 👻 🍫 🗙 🛛 Google Powered Pandion Sea	arch 🔎 🔹
Elle Edit View Favorites Iools Help • McAfee'						
🚖 🏟 🌈 Settings for FCUBS_SystemModule -	fcubs113_domai				🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page	• 💮 T <u>o</u> ols • »
	Administration Console					Q 🗠
Change Center	A Home Log Out Preferences	Record Help	Q		Welcome, weblogic Connected to: fcubs	s113_domain
View changes and restarts	Home >Summary of JDBC Data Sou Modules >FCUBS_SystemModule	rces >FLEXTEST.WORLD >Sun	mary of JMS Servers >Summar	y of JDBC Data Sources >FLEXTEST.WORLD >S	immary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemMod	dule				
domain.	Configuration Subdeployment	Targets Security N	lotes			
Release Configuration	This page displays general inform	ation about a JMS system mo	dule and its resources. It also	allows you to configure new resources and ac	cess existing resources.	
Domain Structure fcubs113 domain	Name:	FCUBS_Syste	emModule	The name of this J	15 system module. More Info	
Environment Deployments Services	Descriptor File Name:	jms/FCUBS_S	ystemModule-jms.xml	The name of the J	IS module descriptor file. More Info	
3NS Servers Store-and-Forward Agents 3MS Modules Path Services Bath Sources Deta Sources	destination quota, distributed de Customize this table Summary of Resources	stinations, foreign servers, ar	nd store-and-forward parame	ters.		
Foreign JNDI Providers Work Contexts	New Delete				Showing 0 to 0 of 0 Previo	ous Next
How do L.	🔲 Name 🗠	Туре	JNDI Name	Subdeployment	Targets	
Configure JMS system modules			There a	e no items to display		
Configure subdeployments in JMS system modules	New Delete				Showing 0 to 0 of 0 Previo	ous 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.

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Wi	dows Internet Explorer		
🚱 🗸 🖉 http://10.184.74.143:8888/cor	isole/console.portal?_nfpb=true&_pageLabel	JMSSystemModuleSubDeploymen	ntTabPage&handle=com.bea.console.handles.JMXHandle%28%22	🗸 😽 🗙 Google Powered Pandion Search 👂
Ele Edit View Favorites Tools Help				
🚖 🏟 🏾 🏉 Settings for FCUBS_SystemModule -	fcubs113_domai			🏠 🔹 🔝 👘 🖶 🖬 Bage 🗸 🎯 Tgols 🗸 🍟
	Administration Console			Q 🗠
Change Center	🏠 Home Log Out Preferences 🔤 Re	ord Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources > Modules >FCUBS_SystemModule	LEXTEST.WORLD > Summary of JM:	IS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Su	mmary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModule			
Lock & Edit	Configuration Subdeployments	argets Security Notes		
Release Configuration	This page displays subdeployments cre grouped and targeted to a server reso		subdeployment is a mechanism by which JMS module resources (sur instances, or cluster).	ch as queues, topics, and connection factories) are
Domain Structure				
fcubs113_domain	Customize this table			
Deployments	Subdeployments			
D-Services	New Delete			Charles 2 to 2 (2) Provides Little
	INEW Delete			Showing 0 to 0 of 0 Previous Next
····Store-and-Forward Agents	🔲 Name 🗇	Resou	urces	Targets
JMS Modules			There are no items to display	
t⊕-Bridges	New Delete			Showing 0 to 0 of 0 Previous Next
Data Sources Persistent Stores	00000			showing o to o or o Prevides (Next
Foreign JNDI Providers				
i iWork Contexts				
How do I				
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)				



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/cor	sole/console.portal?]ms5ystemModuleCreateSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturNo=JMS5ystemModuleSubDeploymentPortletreturNo=JMS5ystemModuleSubDeploymentPortletreturNo=JMS5ystemModuleSubDeploymentPortletreturNo=JMS5ystemModuleSubDeploymentPortletreturNo=JMS5ystemNoduleSubDeploymentPortletreturNo=JMS5ystemNoduleSubDeploymentPortletreturNo=JMS5ystemNoduleSubDeploymentPortletreturNo=JM	loymentTabPage&JM55ystemModuleSubDe 💙 😽 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹
Elle Edit Yiew Favorites Tools Help		
😭 🏘 🌈 Create a New Subdeployment - fcut	us113_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 J 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	
	The following properties will be used to identify your new subdeployment.	
Domain Structure fcubs113 domain	* Indicates required fields	
B-Environment		
Deployments	* Subdeployment Name: FCUBS	
Services E-Messaging		
JMS Servers	Back Next Finish Cancel	
Store-and-Forward Agents		
Path Services		
Bridges		
Data Sources		
Foreign JNDI Providers		
i i-Work Contexts		
How do I		
Configure subdeployments in JMS system		
modules		
Sustan Status		
System Status		
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 - fc	ubs113_domain - WLS Console - Windows Int	ernet Explorer	
🚱 🕤 🔻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=JMSSystem	ModuleSubDeploymentTabPage	Google Powered Pandion Search
Ele Edit View Favorites Iools Help • McAfee // •			
🚖 🏟 🍘 Settings for FCUBS_SystemModule	- fcubs113_domai		🟠 👻 🗟 🝸 🖶 🔹 🔂 Page 🕶 🎯 T <u>o</u> ols 🕶 🎽
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	ORLD >Summary of JMS Servers >Summary of JDBC Data Sources	s >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		
	Configuration Subdeployments Targets	ecurity Notes	
Domain Structure fcubs113 domain			
⊕ Environment ⊕ Environment ⊕ Services ⊕ Messaging ← Messaging ← Store-and-Forward Agents ← Total Services	grouped and targeted to a server resource (such a Customize this table Subdeployments Item Delete	JMS servers, server instances, or cluster).	Showing ito iof 1 Previous Next
Bridges Data Sources	🔲 Name 🔅	Resources	Targets
Persistent Stores Foreign JNDI Providers	FCUBS		FCUBS_JMSServer
How do I	New Delete		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)			

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

	/console/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.porta	al? nfpb=true& pageLabel=JMSSystemModuleSut 🗸 🍫 🗙 Google Powered Pandion Search
ile Edit View Favorites Tools Help	consequenzarion por car _ inpu=craces_page.auci=incp;//10.107.77.173.0000/CORSOR/CORSOB.porto	ar ja pomo docupogo avolmuno ysteria module poz. 📩 🖓 📉 Google Powered Pandon Search
De Loit view Pavorites Loois Help D McAfee'		
Settings for FCUBS_SystemModu	ile - faubst13 damai	🟠 🔹 🗟 🕤 🖶 Page + 🎯
Change Center	A Home Log Out Preferences Record Help A Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summ	Welcome, weblogic Connected to: fcubs113_de
View changes and restarts	Modules > FCUBS_SystemModule	ary of JDBC Data sources > HEXTEST.WORLD > Summary of 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 restarts are necessary.	
	Settings for FCUBS_SystemModule	
	Configuration Subdeployments Targets Security Notes	
Domain Structure		a mechanism by which JMS module resources (such as queues, topics, and connection factories) are
Deployments	₽ Customize this table	
JMS Servers Store-and-Forward Agents	Subdeployments	
····JMS Modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page	5
		Showing ito lofi Previous Ne
INS Modules Path Services Bi-Bridges Data Sources Persistent Stores Foreign JNDI Providers	Clock the Lock & Editbutton in the Change Center to activate all the buttons on this page New Delete Name Resources	
JNS Modules Path Services B-Rnidges Data Sources Persitent Stores Foreign INDI Providers Work Contexts	Click the Lock & Editbutton in the Change Center to activate all the buttors on this page New Resources POURS POURS	Showing 1 to 1 of 1 Previous Ne
JNS Modules Path Services B-Rnidges Data Sources Persitent Stores Foreign INDI Providers Work Contexts	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Interview Optice Name & Resources	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
IMS Modules Path Services B-Bridges Data Sources Data Sources Porsign IND Providers Work Contexts	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing its lof 1 Previous Ne
	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS Modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
Mis ModulesMis Benices B-BridgesData SourcesPersistent StoresPoregn 3NDL ProvidersWork Contexts How do L E toonfigure subdeployments in 3MS system modules Configure 3MS system modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS ModulesMIS ModulesMIS Services	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS ModulesMIS ModulesMIS Services	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
How The Services System Status Failed (0) Critical (0)	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
How The Services System Status Failed (0) Critical (0)	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer



7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

C Settings for FCUBS_SystemModule - fo	fcubs113_domain - WLS Console - Windows Internet Explorer	- 7 🛛
😋 💽 👻 http://10.184.74.143:8888/com	:onsole/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigTabPage&JMSSystemModuleConfigGeneraPortlethandle=com.bea.console. 🚽 🚱 🔀	Soogle Powered Pandion Search
Eile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee ⁻		
🔶 🏟 🌈 Settings for FCUB5_SystemModule	e - fcubs113_domai 👘 👻	🔊 🔹 🖶 🔹 📴 Page 🔹 🍈 Tgols 🔹 🎽
	[®] 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.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serve Modules >FCUB5_SystemModule	rs >JMS
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUBS_SystemModule	
Lock & Edit	Configuration Subdeployments Targets Security Notes	
Release Configuration	This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resource	ces.
fcubs113_domain	Name: FCUBS SystemModule The name of this JMS system module.	More Info
Environment Deployments		
⊡-Services ⊡-Messaging	Descriptor File Name: jms/FCUBS_SystemModule-jms.xml The name of the JMS module descriptor	tile. More Info
CTMESSAGNG JMS Servers Store-and-Forward Agents JMS Modules Path Services	This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	S templates, destination sort keys,
Bridges	Customize this table	
Data Sources	Summary of Resources	
Foreign JNDI Providers	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.	
How do I	New Delete	Showing 0 to 0 of 0 Previous Next
Configure JMS system modules	□ Name ŵ Type JNDI Name Subdeployment	Targets
 Configure subdeployments in JMS system modules 	There are no items to display	
Configure resources for JMS system modules	New Delete	Showing 0 to 0 of 0 Previous Next
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

- 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.

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ile Edit View Favorites Tools Help					
McAfee' /					
🚱 🖉 Settings for FCUBS_SystemModul	e - fcubs113_domai			🟠 🔹 🔝 👘 🖶 🔛 Bage 🗸 🍈 Tools	
	⁸ Administration Console			Ç	
hange Center	🔒 Home Log Out Preferences 🔤 R	ecord Help	Welcon	e, weblogic Connected to: fcubs113_doma	
iew changes and restarts	Home >Summary of JDBC Data Sources > Modules >FCUBS_SystemModule	>FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDE	IC Data Sources >FLEXTEST.WORLD >Summary of JI	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	Targets Security Notes			
Release Configuration					
Release Configuration	This page displays general information	n about a JMS system module and its resources. It also allows	you to configure new resources and access existin	g resources.	
omain Structure	Name:	FCUBS SystemModule	The name of this JMS system module. More Info		
ubs113_domain		= /			
-Deployments -Services -Messaging JMS Servers	Descriptor File Name: This page summarizes the JMS resourd destination quota, distributed destina	jms/FCUBS_SystemModule-jms.xml ces that have been created for this JMS system module, incluc tions, foreign servers, and store-and-forward parameters.	The name of the JMS module d		
"Deployments → Services ← Messaging ← JINS Servers ← Store-and Forward Agents ← JINS Modules ← Path Services ⊕ Bridges	This page summarizes the JMS resource	ces that have been created for this JMS system module, includ			
"Deployments Services Messaging "Mis Servers "Mis Servers "Mis Modules "	This page summarizes the JMS resourd destination quota, distributed destination Quota , distributed destination Quota Customize this table	ces that have been created for this JMS system module, includ			
Deployments Dervices Dervices Dervices Dessaging Disservers Disservers Disservers Disservers Disservers Deta Sources Deta Sources Deta Sources Deta Sources Deta Sources Deta Sources Work Contexts Work Contexts	This page summarizes the 245 resour destination quota, distributed destina Customize this table Summary of Resources	ces that have been created for this JMS system module, includ		ries, 3MS templates, destination sort keys,	
Deployments Services Previses Services Services Table Address Table Add	This page summarizes the 245 resour destination quota, distributed destina Customize this table Summary of Resources	ces that have been created for this JMS system module, inclue tons, 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	
Deployments Deployments Pervices Previces Previce	This page summarizes the 245 resour destination quota, distributed destina Customize this table Summary of Resources	ces that have been created for this JMS system module, inclue tons, 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	
Deployments Deployments Pervices Previces Previce	This page summarizes the JMS resour destination quota, distributed destination (customize this table Summary of Resources (New) Deter Name (customize)	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Deployments Dervices Previces Previces Previces Previces Previces Deployments Previces Deployments Deployments Deployments Previces Previce	This page summarizes the JMS resour destination quota, distributed destination (customize this table Summary of Resources (New) Deter Name (customize)	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Services Howard Agents Store and Forward Agen	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Services Pressions Total-and-Forward Agents Path Services Pressions Pressions Pressions Configure 3MS system modules Configure subdeployments in 3MS system Configure resources for 3MS system Configure resources Configure Config	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Se	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Services Previces	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Deployments Deployments Deployments Deployments Deployments Deployment Deployment Deployment Deployment Deployment Deployment Deployment Deployment Deployment Deployments De	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	
Dealoyments → Dealoyments → Servers → Messaging → Store-and-Forward Agents → Store-and-Forward Agents → Store-and-Forward Agents → Path Servers → Deals Sources → Deals Deals Deals → Deals Deals Deals Deals Deals Deals Dea	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination of Resources	ces that have been created for this JMS system module, inclue tons, 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 Targets	



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/c	onsole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSystem	ModuleEntityPortletcurrentModule=FCUBS_Syster 🛛 🐓 🗙 Google Powered Pandion Search 🛛 👂
Edit View Favorites Tools Help McAfee		
🕸 🌈 Create a New JMS System Module	Resource - fcubs11	🟠 👻 🔚 👻 📴 Page 👻 🎯 Tgols
	Administration Console	Q
nge Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
w changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summ Modules >FCUBS_SystemModule	ary of JDBC Data Sources »FLEXTEST.WORLD »Summary of JMS Servers »JMS
ending changes exist. Click the Release figuration button to allow others to edit the ain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
nain Structure	Use these pages to create resources in a JMS system module, such as queues, topics, terr	plates, and connection factories.
113_domain invironment ieployments ervices		n for creating the resource. For targetable resources, like stand-alone queues and topics, connection an also proceed to targeting pages for selecting appropriate server targets. You can also associate 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
JMS Modules Path Services ED-Bridges 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 info
	() Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
do I Expression destinations	O 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
onfigure JMS templates onfigure 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
infigure topics infigure queues	O 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
em Status 🗉) JH5 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 duster that is imported in the local duster or server instance, so that the local server instance or duster can send messages to the remote server instance or duster. More Info
		Succal intranet 🕄 100%



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

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Win	dows Internet Explorer		- 5 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?JmsCreateSystemModuleEntityPortlet_	actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE	intit 🔽 😽 🗙 🛛 Google Powered Pandion Search	P •
Ele Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee //				
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Change Center	🙆 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113	3_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule	ORLD >Summary of JMS Servers >Summary of JDBC 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 JMS 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			
Services Hessaging JMS Servers	* Name: NOTIFY_DEST_QUE	UE		
····Store-and-Forward Agents ····JMS Modules ····Path Services	JNDI Name: NOTIFY_DEST_QUE	UE		
i⊞-Bridges Data Sources	Template: None 💌			
Persistent Stores Foreign JNDI Providers Work Contexts	Back Next Finish 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			Succal 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'.
- o Click 'Next'.



Following screen is displayed.

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
() - (in the second sec	nsole/console.portal	Google Powered Pandion Search
File Edit View Favorites Tools Help		
🚖 🏟 🌈 Create a New JMS System Module R	Resource - fcubsi1	🟠 🔻 🔝 👘 🖶 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 Modules »FCUBS_SystemModule	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 JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JH5 system module resource	
Domain Structure fcubs113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a medi SAF agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdeploy module's subdeployment management page.	hanism by which 34S resources are grouped and targeted to a server instance, cluster, or ment button. You can also reconfigure subdeployment targets later by using the parent
Deployments ⊟-Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
-Messaging	Subdeployments: FCUBS V Create a New Subdeployment	
Store-and-Forward Agents JMS Modules		
Path Services -Bridges	What targets do you want to assign to this subdeployment? Targets :	=
- Data Sources		
Persistent Stores Foreign JNDI Providers	JMS Servers	
Work Contexts	FCUB5_JM5Server	
How do I		
Configure quotas for destinations	Back Next Finish Cancel	
Configure JMS templates Configure destination keys		
Configure topics		
Configure queues		
Configure connection factories		
 Configure uniform distributed topics 		
Configure uniform distributed queues		
Configure foreign servers		
Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Done		Secol intranet 🔍 100% 👻 🛒



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

Settings for FCUBS_SystemModule - fc	os113_domain - WLS Console	- Windows Interne	et Explorer				_ 7 🛛
🚱 🗣 🙋 http://10.184.74.143:8888/com	le/console.portal?_nfpb=true&_page	Label=JM5SystemModu	uleConfigGene	eralPage	✓ + ×	Google Powered Pandion Search	P-
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🚖 🏟 🏾 🏉 Settings for FCUB5_SystemMadule -	ubs113_domai				a	• 🔊 - 🖶 • 🔂 Bage • 🎯	Tools +
	Iministration Console						Q
Change Center	🔒 Home Log Out Preferences 🛛	Record Help		Q	Welcome, we	blogic Connected to: fcubs113_	domain
View changes and restarts	Home >Summary of JDBC Data Sour Modules >FCUBS SystemModule	ces >FLEXTEST.WORLD	>Summary o	f JMS Servers >Summary of JDBC Data Sources >	>FLEXTEST.WORLD >Summary of JMS Ser	vers >JMS	
Pending changes exist. They must be activated to take effect.	Messages						
Activate Changes	The JMS Queue was created st	uccessfully					
Undo All Changes	Settings for FCUBS_SystemMod	lule					
	Configuration Subdeployment	s Targets Security	y Notes				
Domain Structure							
fcubs113_domain	This page displays general inform	ation about a JMS syste	em module an	d its resources. It also allows you to configure	new resources and access existing reso	urces.	
Deployments Services	Name:	FCUBS	SystemModu	le	The name of this JMS system module.	More Info	
Store-and-Forward Agents	Descriptor File Name:	jms/r-CU	UBS_SystemM	1odule-jms.xml	The name of the JMS module descript	or file. More info	
JMS Modules	This page summarizes the JMS re-	ources that have been	created for t	this JMS system module, including queue and t	opic destinations, connection factories, J	MS templates, destination sort keys,	
B-Bridges Data Sources	destination quota, distributed des	tinations, foreign serve	ers, and store	e-and-forward parameters.			
Persistent Stores	Customize this table						
Foreign JNDI Providers Work Contexts	Summary of Resources						
How do L.	New Delete					Showing 1 to 1 of 1 Previous N	laut
Configure JMS system modules	New Delete					Showing 1 to 1 of 1 Previous N	ext
Configure subdeployments in JMS system	🔲 Name 🗞	Ту	ype	JNDI Name	Subdeployment	Targets	
 Configure resources for JMS system modules 	NOTIFY_DEST_QUEUE	Qu	Jeue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
	New Delete					Showing 1 to 1 of 1 Previous N	lext
System Status							
Health of Running Servers							
Failed (0)							
Critical (0) Overloaded (0)							
Warning (0)							
OK (2)							



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

C Settings for FCUBS_SystemModule - fo	cubs113_c	Iomain - WLS Console -	Windows Inte	ernet Explore	r			
🚱 🕤 🔻 🙋 http://10.184.74.143:8888/co	nsole/console	e.portal?_nfpb=true&_pageLa	bel=http://10.18	94.74.143:8888)	console/console.portal?_nfpb=true	e&_pageLabel=http://10.184.74.1	43 🔽 🐓 🗙 🛛 Google Powered Pandi	lion Search
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🔶 🏟 🏉 Settings for FCUBS_SystemModule	- fcubs113_c	domai					🟠 • 🗟 🐘 • 🖻	Page 🔹 🍈 Tools 🔹
ORACLE WebLogic Server®	Administr	ation Console						õ
Change Center	🔒 Hon	ne Log Out Preferences 🔤	Record Help		Q		Welcome, weblogic Connected to:	fcubs113_domain
View changes and restarts	Home : Module	Summary of JDBC Data Source S > FCUBS_SystemModule	s > FLEXTEST, WC	RLD >Summary	of JMS Servers >Summary of JDBC E	ata Sources > FLEXTEST.WORLD > S	ummary of JMS Servers »JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Setting	s for FCUBS_SystemModul	le					
domain.	Config	uration Subdeployments	Targets Sec	curity Notes				
Release Configuration	This p	age displays general informati	on about a JMS s	system module a	nd its resources. It also allows you	to configure new resources and a	ccess existing resources.	
Domain Structure fcubs113 domain	Name		FCL	JBS_SystemMod	ule	The name of this J	MS system module. More Info	
Environment Deployments	Descri	ptor File Name:	jms	/FCUBS_System	Module-jms.xml	The name of the J	MS module descriptor file. More Info	
Hessaging Hits Servers Store-and-Forward Agents Hits Services Hits Services BHsnidges Hotat Sources	destin	age summarizes the JMS reso lation quota, distributed destir omize this table nary of Resources	urces that have b nations, foreign s	een created for ervers, and sto	this JMS system module, including e-and-forward parameters.	queue and topic destinations, con	nection factories, JMS templates, destinati	ion sort keys,
Persistent Stores Foreign JNDI Providers	New	Delete					Showing 1 to 1 of 1	Previous Next
Work Contexts		Name 🗇		Туре	JNDI Name	Subdeployment	Targets	
How do I		NOTIFY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
 Configure JMS system modules Configure subdeployments in JMS system modules 	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)								

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 - fc	ubs113_domain - WLS Console - Windows In	iternet Explore	er		
O S + I ttp://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http://10	184.74.143:8888	/console/console.portal?_nfpb=true8	_pageLabel=http://10.184.74.143 🚩	Google Powered Pandion Search
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Settings for FCUBS_SystemModule	- fcubs113_domai				🐴 🔹 🔝 🕤 🖶 🔹 📄 Page 🔹 🎯 Tgols 🔹 🎽
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View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.\ Modules >FCUBS_SystemModule	VORLD >Summary	of JMS Servers >Summary of JDBC Dat	a Sources > FLEXTEST.WORLD > Summary	of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModule				
Lock & Edit	Configuration Subdeployments Targets S	Security Notes			
Release Configuration	This page displays general information about a JM	C austral and day.			
	This page displays general mormation about a 34	s system module a	rid its resources. It also allows you d	o configure new resources and access exit	sung resources.
Domain Structure fcubs113 domain	Name: F	CUBS_SystemMo	tule	The name of this JMS syste	em module. More Info
Environment Deployments	Descriptor File Name: j	ms/FCUB5_Syster	Module-jms.xml	The name of the JMS modu	le descriptor file. More Info
-Services					
	This page summarizes the JMS resources that hav destination quota, distributed destinations, foreig			ueue and topic destinations, connection f	actories, JMS templates, destination sort keys,
Store-and-Forward Agents JMS Modules					
Path Services	Customize this table				
B-Bridges Data Sources	Summary of Resources				
Persistent Stores	New Delete				Showing 1 to 1 of 1 Previous Next
Foreign JNDI Providers Work Contexts	Name ↔	Туре	JNDI Name	Subdeployment	Targets
How do I					
Configure JMS system modules		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
 Configure subdeployments in JMS system modules 	New				Showing 1 to 1 of 1 Previous Next
Configure resources for JMS system modules					
Sustam Statur					
System Status					
Failed (0) Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
II — I					



The following screen is displayed:

	nsole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateS	ystemModuleEntityPortletcurrentModule=FCUBS_Syster 💙 🐓 🗙 🛛 Google Powered Pandion Search 🔰
Edit View Favorites Tools Help		
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🕸 🌈 Create a New JMS System Module I	Resource - fcubs11	🟠 👻 📾 👻 🔂 Eage 👻 🏠 Tgols
	Administration Console	Q
inge Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
w 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
pending changes exist. Click the Release figuration button to allow others to edit the ain.	Create a New JM5 System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
nain Structure	Use these pages to create resources in a JMS system module, such as queues, topics	, templates, and connection factories.
s113_domain invironment eployments iervices		nation 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 ping JMS module resources and the members to server resources.
Messaging JMS Servers Store-and-Forward Agents	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules Path Services B-Bridges	O 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 commer. Where info
""Persistent Stores "Foreign JNDI Providers "Work Contexts	() Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communitations. A message delivered to a topic is distributed to all topic consumers. More Info
do I	O 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	O 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
em Status 📃) JH5 Template	Defines a set of default configuration settings for multiple destinations. More Info
h of Running Servers Faled (0) Critical (0) Overloaded (0)	○ SAF Imported Destinations	Defines a collection of imported store-and-forward (SAP) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported in the local dustor or server instance, so that the local server instance or duster can send messages to the remote server instance or duster. Anor Info



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

🖉 Create a New JMS System Module Reso	source - fcubs113_domain - WLS Console - Windows Internet Explorer	- 7 🛛
🚱 🗸 🖉 http://10.184.74.143:8888/con	onsole/console.portal?ImsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectEntit 💌 😝 🔀 Google Powered Pandion Sea	arch 👂 🔹
Eile Edit Yiew Favorites Tools Help		
🖌 🎄 🏉 Create a New JMS System Module R	s Resource - frubs11 📄 👘 🐑 💼 🔹 🔂 👘 🔹 🔂 Bage	• • 🎯 Tools • »
	⁹ Administration Console	Q 🔷
Change Center	🟦 Home Log Out Preferences 🖾 Record Help	s113_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 >FCUBS_SystemModule	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JHS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Connection Factory Properties	
	The following properties will be used to identify your new connection factory. The current module is FCUBS_SystemModule.	
Domain Structure fcubs113_domain	*Indicates required fields	
Environment Deployments	What would you like to name your new connection factory?	
⊖-Services ⊖-Messaging JMS Servers	* Name: NotifyDestQCF	
Store-and-Forward Agents	What 3NDI Name would you like to use to look up your new connection factory?	
Path Services ⊞-Bridges	JNDI Name: NotifyDestQCF	=
Data Sources Persistent Stores	The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sh	harable?
Foreign JNDI Providers Work Contexts	Subscription Sharing Policy: Exclusive 💌	
How do I	The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribe	ers.
Configure quotas for destinations Configure JMS templates	Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?	
Configure destination keys	Client ID Policy: Restricted V	
Configure topics Configure queues	A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit?	
Configure queues Configure connection factories	Haximum Messages per Session: 10	
Configure uniform distributed topics		
Configure uniform distributed queues	Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
Configure foreign servers Configure JMS SAF	V XA Connection Factory Enabled	
System Status	Back Next Finish Cancel	
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		~
Done	Second intranet	🔍 100% 🔹 🛒

- 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:

C Create a New JMS System Module Res	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
🕒 💽 🔹 🙋 http://10.104.74.143:0000/c	onsole/console.portal?ImsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/conner	ction/create/insconnectionFactory/ 🛫 4 🔀 Google Powered Pandon Search 🛛 👂
Ele Edit View Favorites Iools Help		
🛱 🔅 🍘 Create a New 3MS System Module	Resource - Foubs11	🔂 • 🔯 - 👼 • 🕞 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	Hores >Summary of JOBC Data Sources >R,EXTEST.WORLD >Summary of JMS Servers >Summary of JOBC Data Modules >PCUBS_SystemModule	Sources > PLEXTEST.WORLD > Summary of 24th Servers > 245
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Hodule Resource	
	Back Read Finals Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure foubs113_domain	Use this page to view and accept the default tangets where this JMG resource will be tangeted. The default accept the default tangets, then dick Advanced Tangeting to use the subdebloyment mechanism for tan	t targets are based on the parent JHG system module targets. If you do not want to geting this resource.
Deployments	The following JMS module targets will be used as the default targets for your new JMS system module resources and the second sec	rce. If the module's targets are changed, this resource will also be retargeted
R-Services R-Messaging	appropriately. Targets :	5 200 X
-JMS Servers	Targets.	1
Store-and Forward Agents JMS Modules	F	
Path Services	Servers	
Bridges	HanagedServer1	
Data Sources Persistent Stores		
Foreign 3VDI Providers	(ACCURENT CALCULATION CONTRACTOR CALCULATION)	
	Back Hert Finish Advanced Targeting Cancel	
How do I		
 Configure quotas for destinations 		
 Configure JNS templates 		
 Configure destination keys. 		
Configure topics		
Configure queues		
Configure connection factories		
 Configure uniform distributed topics 		
Configure uniform distributed queues		
Configure foreign servers Configure JMS SAP		
System Status		
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
one	•	📢 Local intranet 🗮 100% -



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

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Edit View Favorites Tools Help		
🔗 🖉 Create a New JMS System Module	Resource - fcubs11	💁 • 🖾 - 👼 • 🖓 8000 • 🚳 Tao
	Administration Console	9
hange Center	🔞 Home Log Out Preferences 🚾 Record Help	Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts	Hore >Summary of JDBC Data Sources >PLENTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data So Nobles >FCUIS_System/Indule	ources >FLEXTEST.WORLD >Summary of 3MS Servers >3MS
pending changes exist. Click the Release infiguration button to allow others to edit the main.	Create a New JHS System Hodule Resource	
	Back Frien Cancel	
Release Configuration	The following properties will be used to target your new JHS system module resource	
omain Structure	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mether SAP agent. If necessary, you den ceate a new subdeployment by clicking the Create a New Subdeploym modules subdeployment management page.	nism by which 3HS resources are grouped and targeted to a server instance, duster, or sent button. You can also reconfigure subdeployment targets later by using the parent
Deployments Services FH-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	What targets do you want to assign to this subdeployment?	
Bridges	Targets :	
Data Sources Persistent Stores		
-Foreign JNDI Providers	Servers	
iWork Contexts	HanagedServer1	
W 00 I		
Configure quotas for destinations	JHS Servers	
Configure JMS templates Configure destination keys	Cubs_3HSServer	
Configure topics	La resta resta Ver	
Configure queues	Inter Intell Lease I Count	
Configure connection factories	Back field Finan Cancel	
Configure uniform distributed topics		
Configure uniform distributed queues		
Configure foreign servers		
Configure JMS SAP		
stem Status 🛛 🕾		
alth of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		

- 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 - fc	ubs113_domain	- WLS Console -	Windows	Interne	t Explorer						
🕥 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?	_nfpb=true&_pageLa	bel=JMSSy:	stemModul	leConfigGen	eralPage			💌 47 🗙 😡	ogle Powered Pandion Search	
e Edit Yiew Favorites Iools Help McAfee / +											
🔅 Settings for FCUB5_SystemModule -	- fcubs113_domai								🙆 • I	🔊 🕤 🖶 🔹 🔂 <u>P</u> age 🕶 (🐊 T <u>o</u> ols
	Administration (onsole									Q
hange Center	Home Log	Out Preferences 🔤	Record He	elp		٩			Welcome, weblo	gic Connected to: fcubs113	_domai
iew changes and restarts		ry of JDBC Data Source S SystemModule	s >FLEXTES	T.WORLD	>Summary o	f JMS Servers :	Summary of JDBC Data Sources	>FLEXTEST.WORLD >S	ummary of JMS Servers	>JMS	
ending changes exist. They must be activated take effect.	Messages	factory created suco	essfully.								
Activate Changes											
Undo All Changes		UBS_SystemModu									
omain Structure	Configuration	Subdeployments	Targets	Security	/ Notes						
ubs113_domain -Environment -Deployments	This page disp	lays general informati	on about a	JMS syste	m module an	d its resource	s. It also allows you to configur	e new resources and ac	cess existing resource	s.	
-Services -Messaging	Name:			FCUBS_	SystemModu	le		The name of this JMS system module. More Info			
""JMS Servers "Store-and-Forward Agents "JMS Modules ""Path Modules "Pathoges	Descriptor Fi This page sun destination qu		urces that h nations, for	ave been	created for	fodule-jms.xm this JMS syste e-and-forward	m module, including queue and		IS module descriptor fi		ıs,
Data Sources Persistent Stores Foreign JNDI Providers	Customize 1										
Work Contexts	Summary of	Resources									
00 00 1	New Dele	te							S	showing 1 to 2 of 2 Previous	Next
Configure JMS system modules Configure subdeployments in JMS system modules	Name	*		Туре			JNDI Name	Subdeplo	yment	Targets	
Configure resources for JMS system modules	Notify	DestQCF		Connect	ion Factory		NotifyDestQCF	FCUBS		FCUBS_JMSServer	
rstem Status		Y_DEST_QUEUE		Queue			NOTIFY_DEST_QUEUE	FCUBS		FCUBS_JMSServer	
alth of Running Servers	New Dele	te							5	showing 1 to 2 of 2 Previous	Next
Failed (0)											
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	3/console/console.portal?_nfpb=true&_pageLabel=JM5ConnectionFactorygeneralTabPage&hand	e=com.bea.console.handles.JMXHandle%28%22com 🔽 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🗡
jle <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ⊙ McAfee' ∕		
🖌 🏟 🌈 Settings for NotifyDestQCF - fo	ubs113_domain - WLS	🏠 👻 🔜 👻 📴 Page + 🎯 Tgols
	r [®] Administration Console	Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FI Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQC	EXTEST.WORLD >Summary of JMS Servers >JMS F
Pending changes exist. They must be activate to take effect.	d Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance	: Security
Domain Structure	Save	
fcubs113_domain Environment Deployments Erservices	Use this page to define the general configuration parameters for this JMS connection f	actory, which includes various client connection, default delivery, load balancing, and security parameters.
E-Messaging	NotifyDestQCF	The name of this JMS connection factory. More Info
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 "Persistent Stores	🗌 🏀 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Foreign JNDI Providers Work Contexts		
Configure connection factories	1	
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			
🚱 🗸 🖉 http://10.184.74.143:8888/cons	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 [*]							
😭 🏘 🏉 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.WO Modules >FCUBS_Systematics	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 Interne	et Explorer	
() - E http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=JMSCc	onnectionFactorytransactionparamsTabPa	age&handle=com.bea.console.handles.JMXHandle%; 🖌 🗲 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help			
😪 🏟 🌈 Settings for NotifyDestQCF - fcubst	113_domain - WL5		🏠 👻 🗟 👘 🖶 Page 🕶 🎯 Tgols 🔸 🎽
	Administration Console		Q 🤷
Change Center	🏠 Home Log Out Preferences 🔤 Record H	elp 🔍	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home > FLEXTEST.WORLD > Summary of JMS Ser- Modules > FCUBS_SystemModule > NotifyDestQCF		
Pending changes exist. They must be activated to take effect.	Messages Settings updated successfully.		
Activate Changes Undo All Changes	Settings for NotifyDestQCF Configuration Subdeployment Notes		
Domain Structure	General Default Delivery Client Trans	actions Flow Control Load Balance	e Security
fcubs113_domain Environment Deployments Environs	Save		
E-Messaging MS Servers Store-and-Forward Agents	Use this page to define the transaction configure factory is returned, which create sessions that		ou can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection
·──JMS Modules ·──Path Services ⊞−Bridges	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	✓ Æ XA Connection Factory Enabled		Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an XAConnection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. Wore 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 O 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	♂ 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 //10.184.74.143:888B/cor	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search							
Eile Edit View Favorites Tools Help • McAfee'										
😭 🏘 🏉 Home Page - fcubs113_domain - Wi	🙀 🏘 🍯 time Page - Foubill3_domain - WLS Console 👘 - 😥 Page - 🕲 Topic -									
	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 JMS Servers >Summary of JDBC Dat Modules >FCUBS_SystemModule >NotifyDestQCF >FCUB	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS SS_systemModule >NotifyDestQCF >fcubs113_domain								
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page									
Lock & Edit	Information and Resources									
Release Configuration	Helpful Tools	General Information								
	Configure applications Configure GridLink for RAC Data Source	 Common Administration Task Descriptions Read the documentation 								
Domain Structure	Recent Task Status	 Ask a question on My Oracle Support 								
fcubs113 domain	Set your console preferences	Oracle Guardian Overview								
Environment Deployme fcubs113_domain	Domain Configurations									
⊖-Services ⊖-Messaging	Domain	Services	Interoperability							
JMS Servers	Domain	Messaging	WTC Servers							
Store-and-Forward Agents	Conan	 Messaging JMS Servers 	Init Connection Pools							
	Environment	 Store-and-Forward Agents 								
Bridges	Servers	 JMS Modules 	Diagnostics							
Data Sources	Clusters	 Path Services 	Log Files							
Persistent Stores Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules							
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images							
Herry de T	Coherence Servers	 Persistent Stores 	Request Performance							
How do I	Coherence Clusters	XML Registries	Archives							
 Search the configuration 	Machines	 XML Entity Caches 	Context							
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP							
 Record WLST Scripts 	Startup And Shutdown Classes	Work Contexts								
Change Console preferences		• jCOM	Charts and Graphs							
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard							
System Status	 Deployments 	 FileT3 ITA 								
-		• JIA								
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:

e Edit View Favorites Tools Help			
	loubs113_domain - W		💁 • 🔯 - 👼 • 🔂 Bage • 🎱 Tgols
	Administration Console		Ģ
hange Center	🔒 Home Log Out Preferences 🖾 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
New changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Hodules >FCURS_SystemModule >NorFyDestQCF > FCURS	Sources > PLEXTEST. WORLD > Summary of IMS 5 SystemModule = NotifyOestOCF = forbe113_day	ervers >JMS
o pending changes exist. Click the Release onfouration button to allow others to edit the	present and an and a second		
oman.		Web Service Security Notes	
	General JTA PA E35s Web Applications	Logging Log Filters	
Release Configuration			
omain Structure	Save		
HEnvironment -Deployments Hervices	 A conserva o consecutor on neccogic server insurances o domain. * Indicates required fields 	ner a manages og a songe Asimise atori pe re	- Use the page to configure administrative options that apply to all servers in the current
Store-and Forward Agents 	* Name:	fcubs113_domain	The name of this WebLogic Server domain. More Info
Path Services Path ServicesData SourcesPersistent Stores	Enable Administration Port		Specifies inherher the domain-inde administration port should be enabled for this Weblogg: 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 and
Foreign JNDI Providers Work Contexts	Administration Port:		The common section administration part for the Web opti-Server domain- (Regulates you to enable the administration part.) More Info
low do 1 E Change Console preferences Configure the domain-wide administration por	1 Production Hode:	true	specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
ystem status	🗌 🥀 Enable Exalogic Optimizations		Specifies whether optimizations for Cracle Evalogic should be enabled. Optimizations include improved immed nanopement and request protessing, configurate Vieldage control of the state should be and the state of the state of the Evaluation of the state of the state of the state of the state of the Release 1 (00.3.4) ^{of} in the oracle basings of theory most offset of the state of the state of the state Release 1 (00.3.4) ^{of} in the oracle basings of theory most offset of the state of the state of the state of the
Failed (0)	🗌 🦺 Enable Cluster Constraints		Specifies that deployments targeted to a cluster succeed only if all servers in the cluster are running. More Info
Oritical (0) Overloaded (0) Warning (0)	🗑 🛃 Enable on-demand deployment of interr	al applications	Specifies inheritier internal applications such as the console, udd, inistesticient, and uddexplorer are deployed on demand (first access) instead of during server startup. More Info
OK (2)	🗌 💼 👘 Enable Oracle Guardian Agent		Specifies whether the Guardian Agent is deployed when starting servers in the current domain. More Info
	and the second se		
	- Advanced		



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

Ele Edit View Favorites Tools Help						
🔆 🔗 🍘 Settings for fcubs113_domain - fcu	bs113_domain - W					🗿 * 🔯 - 👼 * 🔂 Bage - 🙆 Tgols -
ORACLE WebLogic Server®	Administration Console	0				0
Change Center	Home Log Out Pre	eferences 🐼 R	ecord Help		Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WOR Sessions > fcubs113_de	RLD >Summary of	JMS Servers >3	M5 Modules > FCL	165_SystemModule >NotifyDestQ	CF > FCU85_SystemModule >NotifyDestQCF >fcubs113_domain >Summary of Mal
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for fcubs113	1.22.5				
Lock & Edt		nitoring Contri	Seculty	Web Service Se	er etter Notes	
Release Configuration				Logging L		
Domain Structure	Cick the Lock & Edit	Phythesis the Ch	anna Cantar In	modify the settle	nos on filis nana	1
foubs113_domain	SIVE			many one sero	An an a se bulke.	
Deployments El-Services El-Nessaging	Use this page to defin	ne the domain-wi	de Web applica	ton configuration		
Two Servers Serve					Beginning with the 0-0 release the CORY_BASC current states to be an orbital to conform structly to the J2EE Spacefactors. If is user has a conform structly to the J2EE Spacefactors. If a user has a conformation of the structure of the spacefactors of the eV3 (PC0202020) again gain to ensigned. The most field on the structure of the structure	
Persistent Stores Poreign 3hOL Providers Work Contexts	🗖 🧔 Allow All Roles					In the executive constantiants determined defined in a Web application's web, will delay ment description, the auth-constant in clearment inducts the user role a delay ment description and the standard standard and the user role a "** a compact instruct on inductory all roles and the Web applications. In previous releases, role-name = "" may breaked as all users thes defined in the relax. This parameter is a badiovid compatibility minith the restere old in the relax of the standard standard standard standard standard standard states of the relax of the states of the states of the states of the states of the relax of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the relax of the states of the states of the states of the relax of the states of the states of the states of the states of the relax of the states of the relax of the states of
Deploy Web applications Stop deployed Web applications Delete Web applications						the realm. This parameter is a badwated compatibility within to restore old behavior. Default behavior is on requested by the spec, neurong all roles defined in the web application. If set, the value defined in weblags, will (container-description - allow-all-roles) takes precedence (if set) over this value. More brow.
Update run-time descriptors	🗌 🛃 Filter Dispat	tched Request	s			Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied ServletFilters (for onfigured for the Web application) on request dispatches
System Status						(and includes/forwards). Servlet 2.4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher «REQUEST. In
Falled (0) Critical (0)						order to be complaint with the 12EE specification, the default value for FilterDopatchedReparaststimability in fails beginning with WebLagic Server 9.0. Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then ViebLagic Server automotopily uses FilterDispatchedReparastEstability in two for the Web applications, unless
Overloaded (0) Warning (0) OK (2)						Intervised consistence of the time that we approximate a first way approximate of the time of time
	🗌 Overload Prote	ection Enabled				This parameter is used to enable overload protection in the webapp container against for memory conditions. Then a formemory shadpen occurs, new perior relation stateward in relatif. In cathor has receiption and later proper actions. Alternatively appropriate error- pages on the configured in media many actions.

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



🖉 Settings for fcubs113_domain - fcubs11	3_domain - WLS Console - Windows Internet Explorer	
💽 🕤 👻 http://10.184.74.143:8888/conso	vle/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle*	628%22com.bea%3ANa 👻 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help		
🔶 🎄 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🏠 🔹 🔂 🕤 🖶 🕈 🔂 Page 🔹 🎯 Tools 🔹 🏁
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	UebLogic 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
	UKAP Enabled	Indicates whether the session ID should include JIM information. (Checking this box may be necessary when using URL eventing with WAP devices that limit the size of the URL to 12 dataceters, and may also affect the use of repicated sessions in a duster.) 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 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
	Maximum Post Time: -1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	Haximum 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
	d∰ 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 JSSP 20 specification. This property exists for backward compatibility. More Info
	🗹 👸 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 🖉 🗸						
Ele Edit View Favorites Iools 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						
ه	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 - fcub	s113_domain - WLS Console - Windows Internet Explorer	
 http://10.104.74.143:0000/c 	onsole/console.portal?_nfpb=true8_pageLabel=DomainConfigWebAppPage8handle=com.bea.console.handles.	
le Edit View Favorites Tools Help		
		🗿 • 🔯 - 📾 • 🕞 Bage • 🕲 Tgols •
Settings for fcubs113_domain - fc	ubs113_domain - W	
DRACLE WebLogic Server	Administration Console	Q
hange Center	A Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Horee >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Se Modules >FCUBS_SystemModule >North/DextQCF >FCUBS_SystemModule >North/DextQCF > fcubs 113_dom	ervers >3MS
nding changes exist. They must be activated take effect.	Messages	
Activate Changes	Settings updated successfully.	
	Settings for fcubs113_domain	
Undo All Changes	Configuration Monitoring Control Security Web Service Security Notes	
omain Structure	General JTA JPA EXBs Web Applications Logong Log Filters	
ubs113_domain PEnvironment	Press and a second s	
Deployments	Save	
H-Services 18-Messaging		
-JMS Servers	Use this page to define the domain-wide Web application configuration settings.	
Store-and-Forward Agents		Beginning with the 9.0 release the PORMBASIC authentication behavior has
Path Services	🗌 🦺 Relogin Enabled	been modified to conform strictly to the J2EE Specification. If a user has logged in but does not have privileges to access a resource, the 403
+ Bridges		(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 3ND1 Providers	🗍 👘 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml
H-Work Contexts		deployment descriptor, the auth-constraint element indicates the user roles that should be permitted access to this resource collection. Here role-name =
ow do I		"" is a compact syntax for indicating all roles in the Web application. In previous releases, role-name = """ was treated as all users/roles defined in
Deploy Web applications		the realm. This parameter is a backward-compatibility switch to restore old behavior. Default behavior is one required by the spec, meaning all roles
Stop deployed Web applications		defined in the web application. If set, the value defined in weblogic.xml (container-descriptor -> allow-all-roles) takes precedence (if set) over this
Delete Web applications Update run-time descriptors		value. More Info
	df Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a
ystem Status	C all inter paparcied kequeats	backward compatibility flag. Lintil version 8.1, WebLogic Server applied ServietFilters (If configured for the Web application) on request dispatches
ealth of Running Servers		(and includes/forwards). Serviet 2.4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher = REQUEST. In
Faled (0)		order to be complaint with the JZEE specification, the default value for
Critical (0)		FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0. Note that if you are using old descriptors (meaning web.xml does not have
Overloaded (0)		version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestsEnabled = true for the Web applications, unless
Warning (0)		fiter-dispatched-requests-enabled is explicitly set to false in weblogic.xml. This means that old applications will work fine without any modification.
OK (2)		Additionally, during migration of old domains to the 9.0 domain, the migration plugin automatically sets this flag to true. More Info
		This parameter is used to enable overload protection in the webago container
	Overload Protection Enabled	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-

- 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'.

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	plorer		
O + I http://10.184.74.143:8888/com	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSes	ssionTablePage		🖌 🗲 🗙 Google Powered Pandion Search
Elle Edit View Favorites Tools Help				
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🏠 🔹 🔝 👘 🖶 🐑 Bage 👻 🎯 Tgols 🗸
	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	/ORLD >Summary of JMS Servers >JMS /UBS_SystemModule >NotifyDestOCF >fcubs113_do	main >Summary of Mail Session	15
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 netw	ork or the Internet.		ternet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have b	een configured in the current WebLogic Server o	lomain.	
Messaging Mark Servers Servers Modules Path Services Berdees	Customize this table Mail Sessions Click the Lock & Editbutton in the Change Center	to activate all the buttons on this page.		
Data Sources	New Clone Delete			Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🗌 Name 🗇	Properties	лс	IDI Name
XML Registries XML Entity Caches		There are no ite	ms to display	
-jCOM	New Clone Delete			Showing 0 to 0 of 0 Previous Next
How do I				
Configure access to JavaMal Target mail sessions Delete mail sessions System Status Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)				

2. Click 'Lock & Edit'.

C Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	xplorer		
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSe	ssionTablePage	🖌 🛃 🖌 Google Powered Pandion Search	- م
Elle Edit View Favorites Tools Help				
👷 🔅 🎉 Summary of Mail Sessions - fcubs11	13_domain - WLS C		🏠 🔹 🗟 👘 🖶 2age 🗸 🎯 Tgols	• `
	Administration Console		Q	<u>^</u>
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domai	in
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.V Modules >FCUB5_SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS CUBS_SystemModule >NotifyDestQCF >fcubs113_d	omain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions			1
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Jay Protocol (SMTP)-capable mail servers on your netw This page summarizes the mail sessions that have	work or the Internet.	r JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer domain.	
Domain Structure				
JMS Servers	Customize this table			
	Mail Sessions			
	Click the Lock & Edit button in the Change Center	r to activate all the buttons on this page.		
Data Sources	New Clone Delete		Showing 0 to 0 of 0 Previous Next	
Foreign JNDI Providers	🗌 Name 🐵	Properties	JNDI Name	
XML Registries		There are no it	tems to display	
- јсом	New Clone Delete		Showing 0 to 0 of 0 Previous Next	
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)				



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

🖉 Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet E	xplorer			- 7 🛛	
A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143 A ttp://10.184.74 A ttp://104.74 A ttp://104.74 A ttp://104.74 A	nsole/console.portal?_nfpb=true&_pageLabel=MailCreat	eMailSession		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 JavaMail APIs, which provide applications and other JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer Protocol (SMTP)-capable mail servers on your network or the Internet. This page summarizes the mail sessions that have been configured in the current WebLogic Server domain.					
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	
🔄 🕞 🗸 🙋 http://10.184.74.143:88888/con	Google Powered Pandion Search	
Ele Edit View Favorites Tools Help O McAfee		
🚖 🕸 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 👻 🔝 👘 🖶 👻 📴 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 >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Bick Next Finish Cancel	
Release Configuration	Mail Session Properties	
Domain Structure	The following property will be used to identify your new mail session. " Indicates required fields	
fcubs113_domain	- Indicates required fields	
Environment	What would you like to name your new mail session?	
Deployments	what would you me to hame your new man session?	
⊖-Services ⊖-Messaging	* Name: FCUBSMailSession	
JMS Servers	1 ODDIMARCOSINI	
Store-and-Forward Agents JMS Modules	# 3NDI Name: mail/FCUBSMail	
Path Services		
Bridges	🍘 JavaMail Properties:	
Data Sources Persistent Stores	mail.host=stbeehive.oracle.com	
-Foreign JNDI Providers	mail.smtps.debug=true mail.smtps.port=smtps	
Work Contexts	mail.smtps.auth=true	
How do I	mail.smtps.host=stbeehive.oracle.com	
 Configure access to JavaMail 		I
 Target mail sessions 	Back Next Finish Cancel	
System Status		
Health of Running Servers		
Failed (0)		
Critical (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/con	sole/console.portal?MailCreateMailSessionPortlet_actionOverride=/com/bea/console/actions/mail/createmailsession/deployTargets	🖌 😽 🗙 Google Powered Pandion Search 🖉 🔹
Elle Edit Yiew Favorites Iools Help McAfee		
😭 🏟 🌈 Create a New Mail Session - fcubs11	3_domain - WLS	🏠 🔹 🔝 👘 🖷 🖬 🔂 Page 🔹 🎯 T <u>o</u> ols 🔹 🍟
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 > Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Text 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	session. 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
-MessagingJMS ServersJMS 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 Trench and another the second seco		
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.

⁹⁹⁹ 'fcubs.properties' file needs to be updated with the encrypted values of

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- o 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 - W	indows Internet Explorer		_ 6 🛛
	insole/conso	le.portal?_nfpb=true8	k_pageLabel=MaiMailSessionTablePage	Google Powered Pandion Search	- ۹
Eile Edit View Favorites Iools Help • McAfee					
🚖 🏟 🌈 Summary of Mail Sessions - fcubs 1	13_domain -	WLS C	6	🕈 • 🔝 • 🖶 • 🔂 Bage • •	💮 T <u>o</u> ols 👻 '
ORACLE WebLogic Server®	Administ	ration Console			Q
Change Center	🔒 Но	me Log Out Preferer	ices Record Help Welcome,	weblogic Connected to: fcubs11	3_domain
View changes and restarts			ta Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS dule >NotfyDestQCF >FCUBS SystemModule >NotfyDestQCF >fcubs113 domain > Summary of Mail Sessions		
Pending changes exist. They must be activated to take effect.	Messa		,		
Activate Changes	Ø 1	1ail session created su	ccessfully.		
Undo All Changes	Summ	ary of Mail Session	5		
Domain Structure → McSaging → McS Servers → Servers → McS Servers → Path Services ⊕ Bridges	Prot This Cus	ocol (SMTP)-capable m	process of using the JavaVall APIs, which provide applications and other J2EE modules with access to Internet Message Access all servers on your network or the Internet. mall sessions that have been configured in the current WebLogic Server domain.	: Protocol (IMAP)- and Simple Mail Tra	insfer
Data Sources Persistent Stores				Showing 1 to 1 of 1 Previous	
Foreign JNDI Providers	Ne	W CIDITE Defete	[Showing I to I of I Previous	Next
XML Registries		Name 🖚	Properties	JNDI Nar	ne
XML Entity Caches		FCUBSMailSession	mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.orade.com mail.smtps.debug=true mail.host=stbeehive.orade.com mail.smtps.debug=true mail.host=stbeehive.com mail.smtps.debug=	ehive.oracle.com mail/FCUB	SMail
How do T	Ne	W Clone Delete		Showing 1 to 1 of 1 Previous	Next
NOW 00 1					
Configure access to JavaMail Target mail sessions					
Delete mail sessions					
System Status	1				
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (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).





Weblogic Configuration [August] [2020] Version 14.4.0.1.0

Oracle Financial Services Software Limited Oracle Park Off Western Express Highway Goregaon (East) Mumbai, Maharashtra 400 063 India

Worldwide Inquiries: Phone: +91 22 6718 3000 Fax: +91 22 6718 3001 https://www.oracle.com/industries/financial-services/index.html

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