Weblogic Configuration Oracle Banking ELCM Release 14.4.0.0.0 [Apr] [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 Certificates and Keypairs

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

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

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

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

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

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

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



2. Choosing the Identity and Trust Stores

2.1 Introduction

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

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

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

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

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

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

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

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



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

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

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

3.1.1 Creation of Self-signed Certificate

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

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

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

In the above command,

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

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

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



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

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

Example

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

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



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

3.2.1 Creation of Public and Private Key Pair

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

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

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

In the above command,

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

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

- 1. **Keystore Password**: Specify a password that will be used to access the keystore. This password needs to be specified later, when configuring the identity store in Oracle Weblogic Server.
- 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.
- 6. **Name of your City or Locality**: The city in which your organization is physically located, for example Mumbai.
- 7. **Name of your State or Province**: The state/province in which your organization is physically located, for example Maharashtra.
- 8. **Two-letter Country Code for this Unit**: The country in which your organization is physically located, for example US, UK, IN etc.

Example

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

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



3.2.2 Generating CSR

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

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

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

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

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

In the above command,

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

Example

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

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

3.2.3 Obtaining Trusted Certificate from CA

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

3.2.4 Importing Certificate into Identity Store

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

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



Importing the Intermediate CA certificate

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

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

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

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

In the above command,

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

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

Listed below is a sample execution of the command

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

Importing the Identity certificate

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

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

In the above command,

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



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

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

Listed below is a sample execution of the command

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

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



4. Configuring Identity and Trust Stores for Weblogic

4.1 Enabling SSL on Oracle Weblogic Server

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

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

4.2 Configuring Identity and Trust Stores

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

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

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



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

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

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



5. Setting SSL attributes for Managed Servers

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

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

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



6. Testing Configuration

6.1 **Testing Configuration**

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

https://(Machine Name):(SSL_Listener_port_no)/(Context_root)

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



7. Creating Resources on Weblogic

7.1 Introduction

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

7.2 **Resource Administration**

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

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

7.2.1 Creating Data Source

>

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

7.2.1.1 Prerequisites

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

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

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

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

Ensure that the ojdbc*.jar file in {WL_HOME}/server/lib/ojdbc*.jar is the same as the file {ORACLE_HOME}/jdbc/lib/ojdbc*.jar. This is required for ensuring compatibility.

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

• Oracle Weblogic on Unix/Linux Box:



> Set {ORACLE_HOME} in the environment variable.

> Update the environment variable *LD_LIBRARY_PATH* as {*ORACLE_HOME*}/*lib*. This is to load all the *.so* files.

Ensure that the ojdbc*.jar file in {WL_HOME}/server/lib/ojdbc*.jar is the same as the file {ORACLE_HOME}/jdbc/lib/ojdbc*.jar. This is to ensure compatibility.

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

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

7.2.1.2 XA Enabled Data Source

Follow the steps given below:

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

http://10.10.10.10:1001/console



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



3. Navigate to Oracle Weblogic home page.

🔁 🕞 👻 🝺 http://10.184.74.143:8888/co	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
ile <u>Edit Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp D McAfce /			
🖌 💠 🏈 Home Page - fcubs113_domain - W	/LS Console		🏠 ▼ 🔝 → 🖶 🖬 Bage + 🎯 Tool
ORACLE WebLogic Server®			Ģ
Change Center	î 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 	
oomain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
ubs113_domain E-Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	Domain Configurations		
B-Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics	• Domain	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
tow do I	Coherence Servers	 Persistent Stores 	Request Performance
104 00 1	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 Monitor servers		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	 Monitoring Dashboard IP
system Status	Deployments	 FileT3 JTA 	
Health of Running Servers	Veux Application's Commits Cattings	• JIA	
-	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:

Overloaded (0) Warning (0) OK (2)

🔄 🕞 👻 🙋 http://10.184.74.143:8888/d	console/console.portal?_nfpb=true&_pageLabel=http	://10.184.74.143:8888/console/conso	vie.portal?_nfpb=true&_pageLabel=GlobalJD	BCDataSourc 🗸 🍫 🗙 Google Powered Pandion Search
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🖌 🔅 🎢 Summary of JDBC Data Sources -				🐴 🔹 🔝 🔹 🖶 🔹 🔂 Page 🕶 🎯 T <u>o</u> o
Summary of JUBC Data Sources -	rcubs113_domain			
	Administration Console			ç
Change Center	🔒 Home Log Out Preferences 🔤 Record	Help Q		Welcome, weblogic Connected to: fcubs113_dom
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release	Summary of JDBC Data Sources			
Configuration button to allow others to edit the domain.	Configuration Monitoring			
Lock & Edit				
Release Configuration	A JDBC data source is an object bound to the borrow a database connection from a data s		nnectivity through a pool of JDBC connection	ns. Applications can look up a data source on the JNDI tree and then
	_			
Domain Structure	This page summarizes the JDBC data source	objects that have been created in this	; domain.	
cubs113_domain				
Environment	Customize this table			
Deployments				
D-Services	Data Sources (Filtered - More Columns	Exist)		
-Messaging -Data Sources	New Y Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores				
Foreign JNDI Providers	□ Name ↔	Туре	JNDI Name	Targets
Work Contexts				
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches				
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
-File T3	New Y Delete			Showing 1 to 2 of 2 Previous Next
				Showing 1 to 2 of 2 Previous (Next
How do I	1			
Create JDBC generic data sources				
Create IDBC GridLink data sources				
Create JDBC multi data sources				
Delete JDBC data sources				
 Delete JDBC multi data sources 				
System Status	1			
Health of Running Servers				
Failed (0)				
Critical (0)				



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

	torisole/console.portair_http=truetx_pageLabel=	+http://10.104.74.143:0000/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🚩	Google Powered Pandion Search
jle Edit Yiew Favorites Tools Help → McAfee'				
😵 🎸 🎸 Summary of JDBC Data Sources - I	fcubs113_domain			🏠 🔹 🔝 👘 🖷 🍨 📴 Bage 👻 🍈 Tools
ORACLE WebLogic Server®				Q
Change Center	Home Log Out Preferences 🔤 Rec		We	come, weblogic Connected to: fcubs113_domai
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.	Summary of JDBC Data Sources Configuration Monitoring			
	comparation romaing			
Release Configuration	borrow a database connection from a da	ata source.	nnectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data so	urce objects that have been created in this	domain.	
cubs113_domain				
-Environment Deployments	Customize this table			
Services	Data Sources (Filtered - More Colu	mns Exist)		
Messaging Data Sources	New Y Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores	Generic Data Source			
Foreign JNDI Providers	GridLink Data Source	Туре	JNDI Name	Targets
Work Contexts	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
XML Registries	- Mure Data Source		300111302100	
XML Registries XML Entity Caches		Generic	jdbc/fcjdevDSBranch	ManagedServer1
XML Entity Caches jCOM	FCUBS113Branch			
XML Entity Caches				Showing 1 to 2 of 2 Previous Next
XML Entity Caches 	New V Delete		1	Showing 1 to 2 of 2 Previous Next
XML Entity Caches 	New V Delete		-	Showing 1 to 2 of 2 Previous Next
MAL Entity Caches	New V Delete		-	Showing 1 to 2 of 2 Previous Next
How Lenity Caches HOM How Caches How de La. Create JDBC Genetic data sources Create JDBC GridLink data sources	New V Delete			Showing 1 to 2 of 2 Previous Next
Mail Sessions Mail Sessions Mail Sessions File T3 Contact DBC generic data sources Create DBC GindLink data sources Create DBC CindLink data sources	New V Delete		-	Showing 1 to 2 of 2 Previous Next
Control Entry Caches Control Entry Control Entry Control Entry Control Entry Consta JDBC generic data sources Create JDBC gindlink data sources Create JDBC milti data sources Create JDBC milti data sources Create JDBC milti data sources	New V Delete			Showing 1 to 2 of 2 Previous Next
COM Conty Caches COM Mol Sessions File T3 Context	New V Delete			Showing 1 to 2 of 2 Previous Next
Mult Entity Caches	New Y Delete			Showing I to 2 of 2 Previous Next
Aud. Entity Caches GOM Mail Sessions File T3 Consta JDBC generic data sources Create JDBC generic data sources Create JDBC dirukin data sources Delete JDBC data sources Delete JDBC multi data sources Delete JDBC multi data sources System Status	New Y Delete			Showing 1 to 2 of 2 Previous Next
Add Entity Caches GOM Mail Seasons File T3 Consta DBC generic data sources Create DBC GridLink data sources Create DBC GridLink data sources Deleter DBC data sources Deleter DBC data sources Deleter DBC multi data sources System Status Health of Running Servers	New Y Delete			Showing 1 to 2 of 2 Previous Next
HALL Entity Caches COM CoM Common Caches Comm	New Y Delete			Showing 1 to 2 of 2 Previous Next
	New Y Delete			Showing 1 to 2 of 2 Previous Next
HALLENTLY Caches GOM GAM GAM	New Y Delete			Showing 1 to 2 of 2 Previous Next

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

🖒 Create a New JDBC Data Source - fcubs113_domain - WLS Console - Windows Internet Explorer					
🔆 🐑 💌 👔 http://10.184.74.143.88888(console/console portal/CreateSlobalDBCDataSourceFortletretumTo=SlobalDBCDataSourceTablePogetSlobalDBCDataSourceTablePortlethande=< 💌 🔄 🔀 Google Powered Pardon Search 🛛 🖉					
Ele Edit View Favorites Iools Help					
🚖 🏟 🌈 Create a New JDBC Data Source - fi	cubs113_domain	🏠 👻 🗟 🝸 🎰 🔹 📴 Eage 👻 🌀 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 exit, Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure fubsili3_domain Deformment Desprovents Des	Create a New JDBC Data Source				
How do I					
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What database type would you like to select? Database Type: Oracle				
System Status Health of Running Servers	Back Next Finan Cancel				
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)					



7. Specify the following details:

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

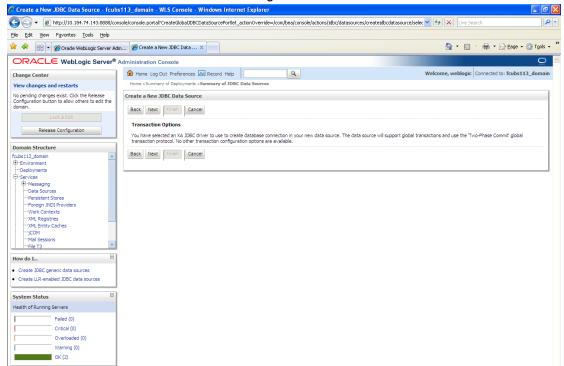
8. Click 'Next'.

The following screen is displayed:	
🚹 Home Log Out Preferences 🔤 I	Record Help
Home >Summary of Services >Summary	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 to	o use to create database connections? Note: * indicates that the driver is explicitly supported by C
Database Driver:	*Oracle's Driver (Thin XA) for Service connections; Versions:Any
Back Next Finish Cancel	

Click next.



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



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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Inte	ernet Explorer				
🕞 🕞 👻 🙋 http://10.184.74.143:8888/con	🔆 🕘 💌 👔 http://10.184.74.143.6868/console/					
Elle Edit View Favorites Iools Help						
🚖 🕸 🌈 Create a New JDBC Data Source - fr	cubs113_domain		🟠 🔹 🔝 👘 🖶 Bage 🗸 🎯 Tgols 🗸			
ORACLE WebLogic Server®	Administration Console		Q			
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Back Next Finish Cancel					
	Connection Properties					
Release Configuration	Define Connection Properties.					
Domain Structure	What is the name of the database you would like t	to connect to?				
fcubs113_domain	Database Name:	KERDEV2				
Deployments		KERDEV2				
⊕-Services ⊕-Messaging	What is the name or IP address of the database se	erver?				
Data Sources	Host Name:	10.10.10.10				
Persistent Stores Foreign JNDI Providers		10.10.10				
Work Contexts	What is the port on the database server used to c	connect to the database?				
TXML Registries	Port:	1010				
jCOM Mail Sessions						
-File T3	What database account user name do you want to	o use to create database connections?				
How do I	Database User Name:	FCPB1121				
Create JDBC generic data sources						
Create LLR-enabled JDBC data sources	What is the database account password to use to	create database connections?				
Sustam Status	Password:	•••••				
System Status						
Health of Running Servers	Confirm Password:	•••••				
Failed (0) Critical (0)	Back Next Finish Cancel					
Overloaded (0)						
Warning (0)						
OK (2)						



11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	main - WLS Console - Windows Internet E	xplorer			
G 🔾 🗢 🙋 http://127.0.0.1:7101/console	e/console.portal?CreateGlobalJDBCDataSou	urcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/	cr 👻 😽 🗙 🔂 Google	• م	
X O McAfee []					
👷 Favorites 🏻 🏨 🔊 Web Slice Gallery 🕶					
Create a New JDBC Data Source - DefaultDo	omain		🖄 🔻 🖾 👻 🖶 👻 <u>P</u> age 🕶 <u>S</u> afet	ty ▼ Tools ▼ 🔞 ▼	
	Administration Console			Q 📤	
Change Center	🙆 Home Log Out Preferences 🔛 Rec		Welcome, weblogic Connected	to: DefaultDomain	
View changes and restarts	Home >Summary of JDBC Data Sources				
Configuration editing is enabled. Future changes will automatically be activated as you					
modify, add or delete items in this domain.	Test Configuration Back Next	Finish Cancel			
Domain Structure	Test Database Connection				
DefaultDomain	Test the database availability and the co	onnection properties you provided.			
Deployments	What is the full package name of JDBC dr	river class used to create database connections in the connection pool?			
Messaging	(Note that this driver class must be in the	e dasspath of any server to which it is deployed.)			
Data Sources					
	Driver Class Name:	oracle.jdbc.OracleDriver			
Persistent Stores	What is the URL of the database to conn	ect to? The format of the URL varies by JDBC driver.			
Coherence Clusters	URL:	· · · · · · · · · · · · · · · · · · ·			
Work Contexts	UNL.	jdbc:oracle:thin@10.10.10			
How do I	What database account user name do yo	ou want to use to create database connections?			
Create JDBC data sources	Database User Name:	FCPB1121			
Create LLR-enabled JDBC data sources	What is the database account password	to use to create database connections?			
System Status	(Note: for secure password management	t, enter the password in the Password field instead of the Properties field below)			
Health of Running Servers					
Failed (0)	Password:	•••••			
Critical (0) Overloaded (0)	Confirm Password:	•••••			
Warning (0)					
OK (1)	What are the properties to pass to the JL	DBC driver when creating database connections?			
Properties:					
	user=FCFB1121	8			
	What table name or SQL statement would	d you like to use to test database connections?			
1					

- 12. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver).
- 13. Specify the URL.
- 14. jdbc:oracle:thin:@10.10.10.10.1001<INSTANCE_NAME>Specify the Database Username (Eg: FCPB1121) and password.
- 15. Confirm the password.
- **16.** Click 'Test Configuration' tab.



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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Ir	nternet Explorer		d 🛛	
🚱 🕙 💌 👔 http://10.184-74.143.88886/console/console.portal?CreateGlobalIDBCDetaSourcePortLet_actionOverride=/com/bea/console/actions/bit/cldatasource/text v (4) 🕺 🔊 Google Powered Pandon Search 🛛 👂 🗉					
Ele Edit View Favorites Iools Help					
😭 🔅 🍘 Create a New JDBC Data Source - fo	🚖 🏟 🛛 🎉 Coasta a New JDBC Data Source - fozbol 13 "donain 🔤				
ORACLE WebLogic Server®	Administration Console		Ç	2 ^	
Change Center	🔒 Home Log Out Preferences 🔤 Record H	telp	Welcome, weblogic Connected to: fcubs113_dom	iain	
View changes and restarts	Home >Summary of JDBC Data Sources Messages				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Connection test succeeded.				
Lock & Edit	Create a New JDBC Data Source				
Release Configuration	Test Configuration Back Next Finish	Cancel			
Domain Structure	Test Database Connection				
fcubs113_domain	Test the database availability and the connect	tion properties you provided.			
Environment Deployments	What is the full package name of JDBC driver di	lass used to create database connections in the connection pool?			
-Services -Data Sources	(Note that this driver class must be in the classp	path of any server to which it is deployed.)		1	
Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver			
Work Contexts XML Registries	What is the URL of the database to connect to?	? The format of the URL varies by JDBC driver.			
XML Entity Caches 	URL:	jdbc:oraclethin:@10.10.10.			
Fie T3	What database account user name do you wan	it to use to create database connections?			
How do I	Database User Name:	FCPB1121			
Create LLR-enabled JDBC data sources	What is the database account password to use	to create database connections?		~	
System Status	(Note: for secure password management, enter	r the password in the Password field instead of the Properties field below)			
Health of Running Servers	Password:	•••••			
Faled (0) Critical (0)	Confirm Password:				
Overloaded (0)	Commi Password:	•••••			
Warning (0)					
OK (2)	OK (2) Properties:				
	user=FCPB1121				
Done			Scal intranet 🔍 100%		
			410010		

17. Click 'Next'.



The following screen is displayed:

🖉 Create a New JDBC Data Source - fcub	ubs113_domain - WLS Console - Windows Internet Explorer				
🚱 💽 🔹 👔 http://10.184.74.143.8888/console/console.portaPCreateGobalDBCDataSourcePortet_actionOverride=/complea/console/actions/bltc/datasources/areategobadasource/select 💌 (4) 🔀 Google Powered Pandon Search 👔					
Eile Edit View Favorites Tools Help					
🚖 🎄 🌈 Create a New JDBC Data Source - f	- fcubs113_domain	🏠 🔹 🖾 🔹 🖶 🔹 📴 Page 🔹 🎯 Tgols 🔹			
ORACLE WebLogic Server®	Administration Console	Q			
Change Center	🟦 Home Lag Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source				
domain.	Back Next Finish Cancel				
Release Configuration	Select Targets				
Release configuration	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 a later time.	not deployed. You will need to deploy the data source at			
Domain Structure					
fcubs113_domain	Servers				
Deployments	✓ AdminServer				
Services B-Messaging					
Data Sources	ManagedServer1				
Persistent Stores Foreign JNDI Providers					
Work Contexts	Back Next Finish Cancel				
XML Registries					
XML Entity Caches 					
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)					
I					

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

alopiayoa.						
C Summary of JDBC Data Sources - fcubs	113_domain - WLS Console - Windows Internet	Explorer				
🔆 🕞 🗸 🙋 http://10.184.74.143:8888/con:	sole/console.portal?_nfpb=true&_pageLabel=GlobalJDBCDa	taSourceTablePage	~	Google Powered Pandion Search		
Ele Edit View Favorites Tools Help McAfee // -	D McAfee' 🔓 -					
😭 🏟 🍘 Summary of JDBC Data Sources - fcu	🛊 🏘 🌈 Summary of JOBC Data Sources - Foulbs 113_domain 🔤					
	Administration Console			Q 🗅		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	We	come, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources					
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources					
Activate Changes	Configuration Monitoring					
Undo All Changes	A JDBC data source is an object bound to the JNDI tre borrow a database connection from a data source.	ee that provides database conr	ectivity through a pool of JDBC connections. Applications car	n 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 d	omain			
fcubs113_domain						
Deployments	Customize this table					
⊕-Services ⊕-Messaging	Data Sources (Filtered - More Columns Exist)					
Data Sources	New V Delete			Showing 1 to 3 of 3 Previous Next		
Persistent Stores						
Work Contexts	🔲 Name 🗠	Туре	JNDI Name	Targets		
TXML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1		
	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1		
File T3		Generic	FLEXTEST.WORLD	AdminServer		
How do I		Generic	FLEXTEST.WORLD	Auminiserver		
Create JDBC generic data sources	New V Delete			Showing 1 to 3 of 3 Previous Next		
Create JDBC GridLink data sources						
Create JDBC multi data sources Delete JDBC data sources						
Delete JDBC multi data sources						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0) Warning (0)						
OK (2)						



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

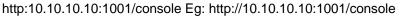
🖉 Summary of JDBC Data Sources - fcub	bs113_don	nain - WLS Console - V	Vindows Internet Exp	lorer			
	console/consol	le.portal?_nfpb=true&_page	Label=http://10.184.74.1	43:8888/console/console	portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc	🖌 🐓 🗙 🛛 Google Powere	ed Pandion Search 🛛 🔎 🔹
Elle Edit View Favorites Tools Help							
👷 🍪 🏀 Summary of JDBC Data Sources - fr	fcubs113_dor	main				🏠 • 🖻 · 🖶	1 🔹 🔂 Page 🔹 🍈 Tools 🔹
ORACLE WebLogic Server®	Administr	ration Console					Q 🖉
Change Center	Hor	me Log Out Preferences	Record Help	Q		Welcome, weblogic Connect	cted to: fcubs113_domain
View changes and restarts	Home	>Summary of JDBC Data S	ources				
Click the Lock & Edit button to modify, add or delete items in this domain.		l changes have been activat	ed. No restarts are necess	sary.			
Lock & Edit	Summa	ary of JDBC Data Source	s				
Release Configuration	Config	guration Monitoring					
B - Environment → Deployments ⇒ Services B - Messaging → Data Sources → Presistent Stores → Presistent Stores → More DD Providers → Work Contexts → W	This ; Cust Data Click t	w a database connection fr page summarizes the JDBC of tomize this table Sources (Filtered - Mon the Lock & Editbutton in the v Cleate	lata source objects that ha e Columns Exist)			Showing 1 to) 3 of 3 Previous Next
		Name 🐟		Туре	JNDI Name	Targets	
How do I		FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer 1	
Create JDBC generic data sources		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
 Create JDBC GridLink data sources Create JDBC multi data sources 		FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources Delete JDBC multi data sources	Nev	v 🕶 🛛 Delete				Showing 1 to	3 of 3 Previous Next
System Status Health of Running Servers Critical (0) Overloaded (0) Warning (0) OK (2)]

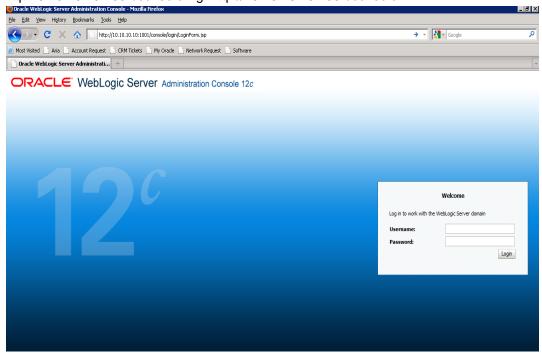
- **20.** The datasource has been created.
- **21.** Refer to "Resources_To_ Be_Created.doc" for the list of XA datasources to be created.



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.





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



3. Navigate to Oracle Weblogic home page.

E http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
e Edit View Favorites Tools Help McAfee			
🖗 🌈 Home Page - fcubs113_domain - V	WLS Console		🏠 🔹 🔝 👘 🖶 🔹 🔂 Bage 🔹 🎯 T <u>o</u> ols
	^B Administration Console		Q
hange Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home		
lick the Lock & Edit button to modify, add or	Home Page		
elete items in this domain.	- Information and Resources		
LOCK & EDI	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
	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 	 Oracle Guardian Overview 	
Environment Deployments			
Services	Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability Diagnostics	Domain	 Messaging 	WTC Servers
		 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
v do I		 Persistent Stores 	Request Performance
earch the configuration	Coherence Clusters	XML Registries	Archives
se the Change Center	Machines	XML Entity Caches	Context
ecord WLST Scripts	Work Managers	Foreign JNDI Providers	 SNMP
hange Console preferences	Startup And Shutdown Classes	Work Contexts	
onitor servers		jCOM Mail Sessions	Charts and Graphs
	Your Deployed Resources	FileT3	 Monitoring Dashboard IP
tem Status 🗉	Deployments	• JTA	
Ith 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:

The following serve				
	s113_domain - WLS Console - Windows Internet			
O S A 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
Ele Edit View Favorites Tools Help McAfee /				
😭 🔅 🖉 Summary of JDBC Data Sources - fo	:ubs113_domain			🟠 • 🔝 • 🖶 • 🔂 Page • 🎯 Tools • 🎽
	Administration Console			Q 🏫
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	٩	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 tre borrow a database connection from a data source.	ee that provides database co	nnectivity through a pool of JDBC connections. Applications of	an look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data source objects th	nat have been created in this	: domain.	
fcubs113_domain				
Environment Deployments	Customize this table			
	Data Sources (Filtered - More Columns Exist)			
Messaging Data Sources	New 🛩 🛛 Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers	□ Name ↔	Туре	JNDI Name	Targets
Work Contexts				
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
-File T3	New 🛩 🛛 Delete			Showing 1 to 2 of 2 Previous Next
How do I				
Create JDBC generic data sources				
Create JDBC GridLink data sources				
Create JDBC multi data sources Delete JDBC data sources				
Delete JDBC multi data sources				
Sustan Statur				
System Status				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
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			- - 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'.

- B http://10.184.74.143:88888/cor	sole/console.portal?CreateGlobal3DBCDataSourcePortletreturnTo=Global3DBCDataSourceTablePage8/Global3	DBCDataSourceTablePortlethande=c 👻 47 🗶 Uve Search
je Edit View Favorites Icols Help		
🖗 🕸 🔹 🍘 PCUBSWiki - Enabling Debu	g 🎉 Greate a New JDBC Data X	🟠 • 🔝 👘 🖶 🖓 Bage • 🎲 Tgols •
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🗟 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of 3DBC Data Sources >FCUBS113 >Summary of Deployments >FCUBS113Dev >Summary of	f 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	Back Next Frinn 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	Transies reduces views	
B Environment	What would you like to name your new JDBC data source?	
Deployments	titlet tiden you me to tielle your new cook oata sourcer	
B-Services	02 * Name: FCUBSDS	
Data Sources	100000	
Persistent Stores	What JNDI name would you like to assign to your new JDBC Data Source?	
Foreign 3NDI Providers		
Work Contexts	de JNDI Name:	
-XML Registries	jdbc/fcjdevDS	
COM		
-Mail Sessions		
FleT3		
How do L.		
Create 3DBC generic data sources	What database type would you like to select?	
Create LLR-enabled 3DBC data sources	22 49 4 B	
Surtan Etatur E	Database Type: Oracle	
system status	Territoria de la contrata	
Health of Running Servers	Back Next Finin Cancel	
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
1		
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	
	$nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasour$	tasource/selec 💌 🐓 🗙 🛛 Google Powered Pandion Search 🖉 🔹
Eile Edit <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	cubs113_domain	🏠 🔹 🗟 🔹 🖶 🕈 🔂 Bage 🔹 🎯 Tools 🔹 🎽
ORACLE WebLogic Server®	Administration Console	Q 🖉
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Frint Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Orade	
fubel113_domain • ID-Environment • ID-Deployments • ID-Services ID-Services ID-Totals Sources • ID-Services • ID-Services <t< td=""><td>What database driver would you like to use to create database connections? Note: * indicates that the driver is exploitly supported by the driver is explored by the driver is exploitly supported by the driver i</td><td>rted by Orade WebLogic Server.</td></t<>	What database driver would you like to use to create database connections? Note: * indicates that the driver is exploitly supported by the driver is explored by the driver is exploitly supported by the driver i	rted by Orade WebLogic Server.
Create JDBC generic data sources		
Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Falled (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/co	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/create	rjdbcdatasource/selec 💙 🐓 🗙 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 Ø McAfee ∕						
🖌 🎄 🌈 Create a New JDBC Data Source - I	cubs113_domain	🟠 🔹 🗟 👘 🖶 Page 🔹 🎯 Tgols 🤟				
ORACLE WebLogic Server®	Administration Console	Q				
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Back Next Finish Cancel					
Release Configuration	Transaction Options					
Release configuration	You have selected non-XA JDBC driver to create database connection in your new data source.					
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.					
D-Environment	Supports Global Transactions					
∃-Services B-Messaging	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the Logging Last Resource (LR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.					
Data Sources Persistent Stores Foreign JNDI Providers	C Logging Last Resource					
Work Contexts XML Registries XML Entity Caches	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global heuristic conditions.	transactions using JTA. Select this option only if your application can tolerate				
JCOM Mail Sessions File T3	O Emulate Two-Phase Commit					
tow do I 😑	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactio other resources can participate in the global transaction.	ns using the one-phase commit transaction processing. With this option, no				
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit					
Create LLR-enabled JDBC data sources	Durk New Course					
iystem Status 😑	Back Next Finish Cancel					
Health of Running Servers						
Failed (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:

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



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet Expl	prer		- 🛛
G - e http://10.184.74.143:8888/cons	ole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOvi	rride=/com/bea/console/actions/jdbc/datasources/createjdbcdata	asource/test(👻 🐓 🗙 Google Powered Pandion Search	. م
Elle Edit View Favorites Tools Help				
🛛 McAfee' 📗				
🚖 🕸 🌈 Create a New JDBC Data Source - fcu	ubs113_domain		🟠 🔹 🔝 👘 🖶 📴 Bage 🔹 🎯 Took	; • [»]
	dministration Console		Ģ	2 ^
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma	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			4.
domain.	Test Configuration Back Next Finish Cancel			
Release Configuration	Test Database Connection			
Reichae Compilation	Test the database availability and the connection properties y	ou provided.		
Domain Structure	What is the full package name of JDBC driver class used to create	ate database connections in the connection pool?		
fcubs113_domain	(Note that this driver dass must be in the dasspath of any ser-	ver to which it is deployed.)		
Deployments				
Services Bernessaging	Driver Class Name:	oracle.jdbc.OracleDriver		
Data Sources Persistent Stores	What is the URL of the database to connect to? The format of	the LIRL varies by 1DBC driver.		
Foreign JNDI Providers		,		
Work Contexts	URL:	jdbc:oracle:oci:@10.10.10		
XML Entity Caches	What database account user name do you want to use to crea	te database connections?		
jCOM Mail Sessions	Database User Name:			
i i-File T3	bacabase oser name.	FCPB1121		
How do I	What is the database account password to use to create datab	wase connections?		
Create JDBC generic data sources	(Note: for secure password management, enter the password	in the Password field instead of the Properties field below)		
Create LLR-enabled JDBC data sources				
System Status	Password:	•••••		
Health of Running Servers	Confirm Password:			
Failed (0)	Commin Password.	•••••		
Critical (0)	What are the properties to pass to the JDBC driver when creat	ing database connections?		
Overloaded (0)	Properties:			
Warning (0)	user=FCPB1121			
OK (2)				
	The set of driver properties whose values are derived at runtin	e from the named system property.		
	Sustan Branastics	na in ann a na mannaidh a' panainn priograin 671		~
Done			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.

Create a New JDBC Data Source - fcub	s113 domain - WLS Console - Windows	Internet Explorer	
	-	Portlet_actionOverride=/com/bea/console/actions/jdbc/datasources/create:	
	isule) consule, por carecte a ce a consule constance	Pordec_actionovernue=/conjuea/consule/actions/jubc/datasources/create,	Jucuatasource/test.
Ele Edit View Favorites Tools Help • McAfee •			
🚖 🎄 🌈 Create a New JDBC Data Source - fi	cubs113_domain		🏠 🔹 🗟 🔹 🤤 🕈 🔤 Page 🕶 🎯 Tgols 🔹 🎽
ORACLE WebLogic Server®	Administration Console		Q 1
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.	Messages Connection test succeeded.		
Lock & Edit	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finis	Cancel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the conne	ection properties you provided.	
Environment Deployments	What is the full package name of JDBC driver	dass used to create database connections in the connection pool?	
⊕-Services ⊕-Messaging	(Note that this driver class must be in the class	sspath of any server to which it is deployed.)	1
***Data Sources ***Persistent Stores ***Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
Work Contexts XML Registries	What is the URL of the database to connect t	to? The format of the URL varies by JDBC driver.	
JCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.	
i Hiera	What database account user name do you we	ant to use to create database connections?	
How do I • Create JDBC generic data sources	Database User Name:	FCPB1121	
Create LLR-enabled JDBC data sources	What is the database account password to us	se to create database connections?	
System Status	(Note: for secure password management, en	ter the password in the Password field instead of the Properties field below)	·
Health of Running Servers Failed (0)	Password:	•••••	
Critical (0)	Confirm Password:		
Overloaded (0)	commin Password.	••••••	
Warning (0)	What are the properties to pass to the JDBC	driver when creating database connections?	
OK (2)	Properties:		
	user=FCPB1121		
Done			Second intranet

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:

Image: Amage:	~	Google Powered Pandion Search					
e Edit View Favorites Tools Help	(130is/console	sporta: _mpb=d ded_pagecabe=dobabbbcbetab	Jarce rabier age				
McAfee'							
🕸 🏉 Summary of JDBC Data Sources - f	cubs113_dom	iain			🟠 • 🔝 👘 🖶 • 🔂 Page • 🎯 Tool:		
	Administra	ation Console			Ç		
ange Center	🔒 Home Log Out Preferences 🔤 Record Help				Welcome, weblogic Connected to: fcubs113_domai		
ew changes and restarts	Home >	>Summary of JDBC Data Sources					
ding changes exist. They must be activated ake effect.	Summa	Summary of JDBC Data Sources					
Activate Changes	Config	Configuration Monitoring					
Undo All Changes	A JDB	C data source is an object bound to the JNDI tree th	at provides database conr	nectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then		
	borrov	w a database connection from a data source.					
nain Structure	This p	age summarizes the JDBC data source objects that h	nave been created in this d	lomain.			
s113_domain		-					
Environment							
Deployments	Custo	omize this table					
ervices B-Messaging	Data	Sources (Filtered - More Columns Exist)					
Data Sources	Dutu .	sources (meered "hore columns exist)					
Persistent Stores	New	✓ Delete			Showing 1 to 3 of 3 Previous Next		
Foreign JNDI Providers							
Work Contexts		Name 🐵	Туре	JNDI Name	Targets		
XML Registries							
···XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1		
jCOM		na marina t	0	the (Cite Doorse)	1		
Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1		
v do I		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer		
	New	/ Delete			Showing 1 to 3 of 3 Previous Next		
reate IDBC ceneric data cources							
Preate JDBC GridLink data sources							
Create JDBC GridLink data sources Create JDBC multi data sources	I —						
reate JDBC GridLink data sources reate JDBC multi data sources lelete JDBC data sources							
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Sreate JDBC GridLink data sources Dreate JDBC multi data sources Delete JDBC multi data sources Delete JDBC multi data sources tem Status E Falled (0)							
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Sreate JDBC GridLink data sources Dreate JDBC multi data sources Delete JDBC multi data sources Delete JDBC multi data sources tem Status E Falled (0)							
Sreate JDBC GindLink data sources Sreate JDBC multi data sources Sources Solete JDBC data sources Stetem Status Falled to DBC multi data sources Falled (0) Critical (0)							
Sterin Status							

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 - toubs	s113_domain - WLS Console - Windows	Internet Explorer						
🕘 🕤 👻 http://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true&_pageLabel=http	://10.184.74.143:8888/console/consol	e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	Google Powered Pandion Search				
ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp 9 McAfee /								
🗧 🕸 🌈 Summary of JDBC Data Sources - fo	rubs113_domain			🏠 🔹 🔝 🕤 🆶 🔹 🔂 Bage 🔹 🎯 Tgols 🔹				
	Administration Console			Ŏ				
Change Center	🏠 Home Log Out Preferences 🐼 Record	Help	We	Icome, 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.	Hessages Al changes have been activated. No restarts are necessary.							
Lock & Edit	Summary of JDBC Data Sources							
Release Configuration	Configuration Monitoring							
⊕ Environment →Deployments →Deployments ⊕ Services M-Messaging → Data Sources →Persitent Stores →Foreign JNDI Provides →Work Contexts →Wu Registries →Wu Registries	borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in this domain. Customize this table Data Sources (Filtered - Hore Columns Exist) Click the Lock & Editbutton in the Change Center to activate all the buttons on this page. Filterwy [Deste] Showing 1 to 3 of 3 Previous Next							
jCOM Mail Sessions	Name 🔅	Туре	JNDI Name	Targets				
How do I	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1				
Create JDBC generic data sources	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1				
Create JDBC GridLink data sources Create JDBC multi data sources	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer				
Delete JDBC data sources Delete JDBC multi data sources	New V Delete			Showing 1 to 3 of 3 Previous Next				
System Status B Health of Running Servers Failed (0) Critica (0) Critica (0) Overloaded (0) Warmg (0)								

- **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	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

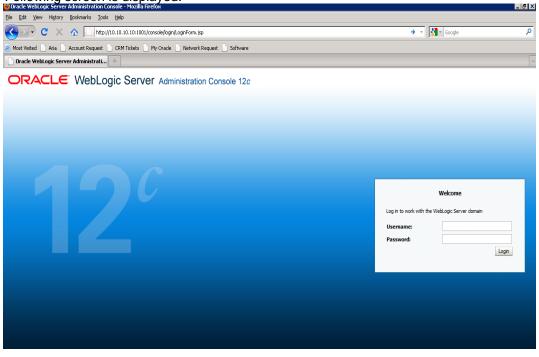
7.2.2 JMS Server Creation

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://10.10.10.10.101/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/c	console/console.portal?_nfpb=true&_pageLabel=HomePage1		👻 🖘 🗙 Google Powered Pandion Search 🖉
e Edit View Favorites Iools Help McAfee /			
🖗 🌈 Home Page - fcubs113_domain - '	WLS Console		🟠 🔹 🗟 🔹 🖶 😨 Page 🕶 🎯 Tools 🤜
	Administration Console		Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home		
lick the Lock & Edit button to modify, add or elete 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 - Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments }-Services	- Domain Configurations		
- Services 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
ow 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 IP
	Deployments	FileT3	
ystem status		• JTA	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Overloaded (0)			

4. Following screen is displayed:



Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows	Internet Explorer				_ @ 🛛
🔆 💽 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageL	abel=JmsServerJMSServerTablePage		v 47 🗙	Google Powered Pandion Search	P -
Elle Edit View Favorites Tools Help						
😤 🏘 🏉 Summary of JMS Servers - fcubs113	3_domain - WLS C			â	🔹 🔊 👘 🔹 🔂 Bage 🔹 🎯	Tgols •
	Administration Console					<u>o</u>
Change Center	🔒 Home Log Out Preferences 🛆			Welcome, w	veblogic Connected to: fcubs113_d	lomain
View changes and restarts	Home >Summary of JDBC Data Source	es > 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	-	ontainers for the queues and topics in JMS modules that a vers that have been created in the current WebLogic Ser	-			
Domain Structure fcubs 113_domain H-Environment -Deployments -Services	Customize this table JMS Servers (Filtered - More C Click the <i>Lock & Edit</i> button in the	Columns Exist) Change Center to activate all the buttons on this page.				
-Messaging	New Delete				Showing 0 to 0 of 0 Previous Ne	ext
Store-and-Forward Agents JMS Modules	🔲 Name 🗇	Persistent Store	Target	Current Server	Health	
Path Services B-Bridges		There a	re no items to display			
Data SourcesPersistent StoresForeign JNDI ProvidersWork Contexts	New Delete				Showing 0 to 0 of 0 Previous Ne	ext
How do I						
Configure JMS servers Configure JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

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

C Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows Ir	nternet Explorer			- 6 🛛	
🕒 🕘 👻 🖡 http://10.194.74.143.8888/console.						
Ele Edit View Favorites Tools Help O McAfor / -						
🔶 🏘 🏀 Summary of JMS Servers - fcubs113	I_domain - WLS C			🙆 • 🖾 ·	🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽	
	Administration Console				Q 🗠	
Change Center	🏠 Home Log Out Preferences 🔤 R	Record Help		Welcome, weblogic Co	onnected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JMS Servers					
Lock & Edit	JMS servers act as management cont	tainers for the queues and topics in JMS modules that a	are targeted to them.			
Release Configuration	This page summarizes the JMS server	s that have been created in the current WebLogic Ser	ver domain.			
Domain Structure	Customize this table					
fcubs113_domain Environment	JMS Servers (Filtered - More Col	umns Exist)				
Deployments	New Delete		Showing 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	🔳 🗗 🗙
	onsole/console.portal?_nfpb=true&_pageLabel=JmsServerCreateJMSServer&JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/c	console, 🛩 😽 🗙 Google Powered Pandion Search 🖉 🔹
File Edit View Favorites Tools Help		
O McAfee /		
🚖 🏟 🍘 Create a New JMS Server - fcubs11	13_domain - WL5 C	🏠 🔻 🔝 🕤 🖶 🕈 🔂 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	
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	Uffect and days. No. to some services 2007 Connect	
Deployments	What would you like to name your new JMS Server?	
-Services	# Name: FCUBS_JMSServer	
⊡-Messaging JMS Servers	Soecify persistent store for the new JMS Server.	
Store-and-Forward Agents	Speary persistent store for the new JMS Server.	
	Persistent Store: (none) V Create a New Store	
Bridges Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers Work Contexts		
1000 00 1		
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:

JMS Server Name	Specify the name of JMS Server.
JWG Gerver Name	

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



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

Following screen is displayed:

	Iministration Console 12c		
Change Center	Home Log Out Preferences	Record Help	Welcon
View changes and restarts	Home >Summary of Security Realm	ns >Summary of Persistent Stores >FCUBSFleStore >Summary of Persistent Stores	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New File Store Back Next Finish Ca	ancal	
Lock & Edit Release Configuration	File Store Properties	used to identify your new file store.	
Domain Structure	* Indicates required fields		
PM122ITR2 Domain Partitions -Environment -Deployments -Services -Building	What would you like to name you * Name:	wr new file store? FileStore-0	
Hessaging ''Data Sources ''Persistent Stores ''Foreign JNDI Providers ''Work Contexts ''Work Registries	What scope do you want to creat	Global	
XML Entity Caches 	The pathname to the directory o Directory:	on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab. C/FCUBS_FileStore x	
How do I	Back Next Finish Ca	incel	
Create File Stores Monitor persistent stores			
System Status			
Health of Running Servers			
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)			

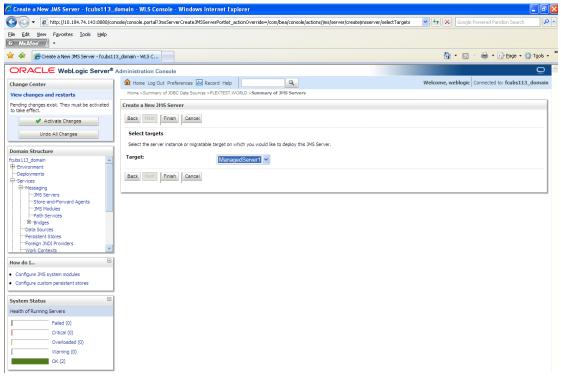
- 10. To identify the new File Store, specify the following properties:
 - Specify the file store name as FCUBS_FileStore.
 - \circ Select a server. For this file store, you may select ManagedServer1 (created by the user).
 - Specify the Filestore Directory path as C:/FCUBS_FileStore.
 - o Click 'OK'.

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)		



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	🏠 🔹 🔝 🔹 🖶 🔹 🔂 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 >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	This page summarizes the unit system modules that have been to eated for this domain.					
fcubs113_domain ▲ ⊕=Environment ⊡=Deployments ⊟=Services □= 1™essaging □= 1™S servers	Customize this table JHS Hodules Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.					
	New Detete	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	Kew Delete Showing 0 to 0 of 0 Previous Ne					
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)						
ОК (2)						

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

🧭 JMS Modules - fcubs113_domain - WLS	S Console - Windows Internet Explorer			×		
🕒 🗸 🖌 http://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184	4.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=	=JmsModulesTablePage 💙 🗲 🗙 Google Powered Pandion Search 🛛 🔎	•		
Elle Edit Yiew Favorites Tools Help • McAfee / •						
🚖 🎄 🍘 MG Modules - Faulss 13. domain - WLS Console						
	Administration Console		9	<u>^</u>		
Change Center	î Home Log Out Preferences 🖂 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WOP	RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FL	LEXTEST.WORLD >Summary of JMS Servers >JMS Modules			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	2MS Modules					
Lock & Edit Release Configuration	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources. This page summarizes the JMS system modules that have been created for this domain.					
Domain Structure						
fcubs113_domain Dervironment Deployments Dervices	Customize this table JHS Hodules					
E Messaging	New Delete		Showing 0 to 0 of 0 Previous Next			
····JMS Servers ····Store-and-Forward Agents	🔲 Name 🏟		Туре			
		There are no items to display				
B-Bridges Data Sources Persistent Stores Foreign JNDI Providers Work Contexts	New		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)						



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

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

Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

4. Click 'Next'.



The following screen is displayed.

🖉 Create JMS System Module - fcubs113	3_domain - WLS Console - Windows Internet Explorer	BX
	onsole/console.portal?Create.IMSSystemModulePortlet_actionOverride=/com/bea/console/actions/ms/modules/system/createmodule/selectTargets 💌 😚 🔀 Google Powered Pandion Search	P -
Eile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee [•]		
🚖 🏘 🌈 Create JMS System Module - fcubs1	5113_domain - WL5 👘 👻 💼 👻 📴 🛃 👘 🖓 🖓 🖓 👘	gols • "
ORACLE WebLogic Server®	Administration Console	<u>o</u>
Change Center	🟦 Home Log Out Preferences 🖂 Record Heip	main
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 JHS System Hodule	
domain.	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module.	
Domain Structure	Use this page to select the server or cluster on which you would like to deploy this IMS system module. You can reconfigure targets later if you wish.	
fcubs113 domain	Targets :	
Environment		
Deployments		
⊕-Services	Servers	
-Messaging		
Store-and-Forward Agents	AdminServer	
Path Services	V ManagedServer1	
Bridges		
Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers		
Work Contexts		
How do I		
Configure JMS system modules		
Configure JMS servers		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

🔗 Create JMS System Module - fcubs113_domain - WLS Console - Windows Internet Explorer				
🚱 🕘 🔹 👔 http://10.194.74.14388888/console/console portal/Create/MSSystemModuleFortlet_actionOverride=/con/bea/console/actions/jms/modules/system/createmodule/newResource 👱 🐓 🔀 Google Powered Pardon Search 🖉 🖉				
Elle Edit Yiew Favorites Tools Help				
😭 🍄 🄏 Create JMS System Module - fcubs1	113_domain - WL5	🛅 -	🔊 🔹 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽	
	Administration Console		Q 🔤	
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, web	logic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO	RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serve	rs >JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit. Release Configuration	Create JMS System Module Back Hext Finish Cancel Add resources to this JMS system module			
Domain Structure	Use this page to indicate whether you want to immed	lately add resources to this JMS system module after it is created. JMS resources include queues, topics,	connection factories, etc.	
fcubs 113. Jomain Fcubs 113. Jomain Fcubs 113. Jomain Foregoryments Foregorym	Would you like to add resources to this JM Back Tree: Finan, Cancel	IS system module?		
System Status				
OK (2)				



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

🗲 🕒 🔹 🙋 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /		
r 🕸 🌈 JM5 Modules - fcubs113_domain -	- WLS Console	🏠 🔹 🗟 👘 🖶 Page 🕶 🎯 Tgols
DRACLE WebLogic Server	Administration Console	Q
hange Center	🖻 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
Fiew changes and restarts ending changes exist. They must be activated o take effect.	Hone -Summary of JDBC Data Sources >FLEXTEST.WORLD -Summary of JMS Servers >Summary of JDBC Data Messages Into JMS module was created successfully.	a Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
Activate Changes Undo All Changes	JHS Modules	
omain Structure	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resour distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You resources.	
Environment Deployments	This page summarizes the JMS system modules that have been created for this domain.	
Environment Deployments Services 다-Messaging		
⊢Environment Deployments -Services GHMessaging JMS 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 JMS system modules that have been created for this domain. Customize this table JMS Hodules	Showing ito iof i Previous Next
HEnvroment Deployments Services H-345 Servers -315 Servers -315 Hobules -7215 Hobules -7215 Hobules -7245 Services B-315 Sources -7245 Source	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 Parsant Structure Pression Structure Parsant Structure Parsatent Store Parsatent Store Tores Tores Store Tores Store Tores Store Sore	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 and Fervices -2015 Hodules -2015 Hodules -2015 Notubes -2015 Services -2015 Sources	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Fidules New Orders FCL85_SystemModule New Orders	Type System
Environment Deployments Services Provides Provi	This page summarizes the JMS system modules that have been created for this domain. Customize this table IFS Hodules Rome @ FCLBS_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 IFS Hodules Rome @ FCLBS_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 IFS Hodules Rome @ FCLBS_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 IFS Hodules Rome @ FCLBS_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 IFS Hodules Rome @ FCLBS_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 - Wi	S Console - Windows Internet Explorer	
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cc	onsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_n	fpb=true&_pageLabel=JmsModulesTablePage 🌱 😚 🗙 🛛 Google Powered Pandion Search 🛛 🔎 🔻
Eile Edit View Favorites Tools Help McAfee		
😭 🏘 🌈 JM5 Modules - fcubs113_domain -	WLS Console	🏠 👻 🗟 👘 🖶 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	of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages	
Lock & Edit	JMS Modules	
Domain Structure	distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) para	Such resources include queues, topics, connection factories, templates, destination keys, quota, meters. You can administratively configure and manage JMS system modules as global system
fçubs113_domain	resources.	
Environment Deployments	This page summarizes the JMS system modules that have been created for this domain.	
E-Services		
■ Messaging	Customize this table	
····JMS Servers ····Store-and-Forward Agents	JMS Modules	
	Click the Lock & Edit button in the Change Center to activate all the buttons on this page.	
Path Services		
Bridges Data Sources	New Delete	Showing 1 to 1 of 1 Previous Next
Persistent Stores		-
Foreign JNDI Providers	Name 🗇	Туре
i iWork Contexts	FCUBS_SystemModule	System
How do 1 –	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	S Console - Windows Internet Explorer	
🚱 🗣 🛃 http://10.184.74.143:8888/com	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:88888/console/console.portal?_nfpb=true&_pageLabel=http://10.184.74.14	3 🖌 🔄 K Google Powered Pandion Search
Ele Edit Yiew Favorites Tools Help		
😭 🏟 🌈 JM5 Modules - fcubs113_domain - V	VLS Console	🏠 🔹 🔝 🕤 🖶 🕇 🔂 Page 🕶 🍈 Tools 🔹 🎇
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Su	mmary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JHS Modules	
Lock & Edit Release Configuration	IMS system resources are configured and stored as modules and/are standard JZEE modules. Such resources include queues, topics, com distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure a resources.	
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.	
fcubs113_domain Fcuvinonment Deployments	© Customize this table JHS Hodules	
Services Gridessaging	New Delete	Showing 1 to 1 of 1 Previous Next
JMS Servers		_
Store-and-Forward Agents	Name 🗞	Туре
Path Services B-Bridges	FCUBS_SystemModule	System
Data Sources	New Delete	Showing 1 to 1 of 1 Previous Next
Persistent Stores Foreign JNDI Providers		
Work Contexts		
How do I		
Configure JMS system modules		
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
Un (2)		

2. Click 'Lock & Edit' button.



3. Select the JMS module created earlier.

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

4. Click 'Subdeployments' tab.

Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Wi	ndows Internet Explorer		
🚱 🗸 🖉 http://10.184.74.143:8888/cor	isole/console.portal?_nfpb=true&_pageLabel	JMSSystemModuleSubDeploym	entTabPage&handle=com.bea.console.handles.JMXHandle%28%22	t 🗸 😽 🗙 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	cord 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 :	JMS 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	Targets Security Notes		
Release Configuration	This page displays subdeployments cre grouped and targeted to a server reso		A subdeployment is a mechanism by which JMS module resources (su er instances, or duster).	ch as queues, topics, and connection factories) are
Domain Structure				
fcubs113_domain	Customize this table			
Deployments	Subdeployments			
P-Services	New Delete			
	New Delete			Showing 0 to 0 of 0 Previous Next
····Store-and-Forward Agents	🔲 Name 🗇	Res	ources	Targets
JMS Modules			There are no items to display	
B-Bridges	New Delete			Showing 0 to 0 of 0 Previous Next
Data Sources Persistent Stores	00000			aloning o to o or or Previous (Next
Foreign JNDI Providers				
-Work Contexts				
How do I				
Configure subdeployments in JMS system				
modules Configure 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=JMS5ystemModuleSubDeploymentPortletreturNo=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	sole/console.portal?3msSystemModuleCreateSubDeploymentPortlet_actionOverride=/com/bea/console/actions/jms/modules/s	ystem/createsubdep 💙 🛃 Google Powered Pandion Search 🛛 🔎
Elle Edit View Favorites Tools Help		
🚖 🏟 🌈 Create a New Subdeployment - fcut	s113_domain - W	🏠 👻 🔝 👘 🖶 📴 Bage 🕶 🎯 Tgols 📼 🎽
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLE Modules >FCUBS_SystemModule	DCTEST.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	
Deployments Services	HanagedServer1	
Messaging MS Servers	JMS Servers	
Store-and-Forward Agents JMS Modules	FCUB5_JHSServer	
B-Bridges Data Sources	Back Next Finish Cancel	
Persistent Stores		
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/console/console.portali_nfyb-troe8_pagetabel=JM55ystemModuleSubDeploymentTabPage 🛛 🚽 😽 🔍 Google Powered Pandon Search 🛛 🔎						
Elle Edit View Favorites Iools Help • McAfee /						
🛊 🏘 🍘 Strings for FCUBS_SystemModule - Fazbs133_domai 📄						
	Administration Console		Q 🧉			
Change Center	🚹 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Module >FCUBS_System/Module					
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 S	ecurity Notes				
Domain Structure fcubs113 domain						
— Deployments	grouped and targeted to a server resource (such a Customize this table Subdeployments New Delete		Showing i to 1 of 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 ⊟-Services ⊟-Messaging	₽ 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	ubs113_do	main - WLS Console - V	Windows Internet	Explore	r				- 7 🛛
🚱 🗣 🙋 http://10.184.74.143:8888/com	nsole/console.p	ortal?_nfpb=true&_pageLal	oel=JMSSystemModul	•ConfigTabl	Page&JM5SystemModuleConfigGene	eralPortlethandle=com.bea.consc	ole. 🕶 😽 🗙 🛛 Goog	gle Powered Pandion Search	P -
Eile Edit Yiew Favorites Tools Help McAfee /									
😭 🏟 🏀 Settings for FCUB5_SystemModule	- fcubs113_dor	nai					🙆 • 🖻] 🔹 🖶 🔹 🔂 Bage 🕶 (🗿 Tgols 🔹 🦈
ORACLE WebLogic Server®	Administrati	ion Console							Q 🛆
Change Center	🔒 Home	Log Out Preferences 🔤	Record Help		Q		Welcome, weblogi	c Connected to: fcubs113	3_domain
View changes and restarts		ummary of JDBC Data Source •FCUBS_SystemModule	s >FLEXTEST.WORLD :	Summary o	of JMS Servers >Summary of JDBC Dat	ta Sources > FLEXTEST.WORLD > S	iummary of JMS Servers >:	JMS	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings f	or FCUBS SystemModul	e						
Lock & Edit	Configur	ation Subdeployments	Targets Security	Notes					
Release Configuration	This area		a character 1940 analas		nd its resources. It also allows you tr				
Domain Structure	inis pag	e displays general informatio	on about a sins system	in module ai	ia its resources. It also allows you a	o configure new resources and a	ccess existing resources.		
fcubs113_domain	Name:		FCUBS_S	ystemMod.	ule	The name of this J	MS system module. Mor	re Info	
-Deployments -Services	Descript	or File Name:	jms/FCU	BS_System!	Module-jms. xml	The name of the J	MS module descriptor file.	. More Info	
Hessaging "-'MS Servers "Store-and-Forward Agents "-'JMS Modules "-Path Services B"-Bridges	destinat	e summarizes the JMS resou ion quota, distributed destin nize this table			this JMS system module, including q e-and-forward parameters.	ueue and topic destinations, con	nection factories, JMS ter	mplates, destination sort key	<i>i</i> s,
Data Sources	Summa	ry of Resources							
Persistent Stores Foreign JNDI Providers	Click the	Lock & Edit button in the	Change Center to acti	vate all the	buttons on this page.				
How do I		Delete					Sho	owing 0 to 0 of 0 Previous	Next
Configure JMS system modules		Name 🗇	Туре	JND	I Name	Subdeployment		Targets	
 Configure subdeployments in JMS system modules 					There are no items to	display			
Configure resources for JMS system modules		Delete					She	owing 0 to 0 of 0 Previous	Next
System Status									
Health of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0) OK (2)									
on (e)									

- 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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Ele Edit View Favorites Tools Help									
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Settings for FCUBS_SystemModule	- fcubs113_domai				🏠 🔹 🔝 🝸 🖶 🔹 🔂 Page 🕶 🎯 T				
ORACLE WebLogic Server®	Administration Console								
Change Center	Home Log Out Preferences	A Record Help	Q	Welco	me, weblogic Connected to: fcubs113_dc				
View changes and restarts	Home >Summary of JDBC Data So Modules >FCUBS_SystemModule	urces >FLEXTEST.WORLD >Sum	mary of JMS Servers >Summary of J	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	Settings for FCUBS_SystemMo	dule							
domain.	Configuration Subdeploymen	ts Targets Security N	otes						
Release Configuration	This page displays general inforr	nation about a JMS system mod	lule and its resources. It also allow	s you to configure new resources and access exist	ing resources.				
Domain Structure fcubs113_domain	Name:	FCUBS_Syste	nModule	The name of this JMS system	module. More Info				
Environment									
	Descriptor File Namer	ime/ECUPE C	interrited de ime sml	The same of the MAC module	descriptor file Mars Tafe				
Deployments ⊖ Services ⊖ Messaging MS Servers MS Servers Store-and-Forward Agents	Descriptor File Name: This page summarizes the JMS r destination quota, distributed de	esources that have been create	vstemModule-jms.xml ed for this JMS system module, incl d store-and-forward parameters.	The name of the JMS module uding queue and topic destinations, connection fac					
— "Desloyments — "Desloyments — "ANS Servers — "ANS Servers — "Store-and Forward Agents — "Path Services Bit-Bridges — "Dath Sources	This page summarizes the JMS n destination quota, distributed de Customize this table Summary of Resources	esources that have been create	ed for this JMS system module, incl		tories, JMS templates, destination sort keys,				
	This page summarizes the JMS ri destination quota, distributed de Customize this table	esources that have been create	ed for this JMS system module, incl						
	This page summarizes the JMS n destination quota, distributed de Customize this table Summary of Resources	esources that have been create	ed for this JMS system module, incl		tories, JMS templates, destination sort keys,				
Topsoyments Servers Servers Tots Servers Tots Servers Tots cervand Agents Tots envices Brindges Tots Services Deta Sources Presistent Stores Foreign JUD Poviders Totwarks Work Contexts	This page summarizes the JMG in destination quota, distributed de Customize this table Summary of Resources New, Delete	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex				
Deproyments Services Services Services Services Services Services Definition Sources Deprogrammed Services Deprogrammed Services Deprogrammed Services Persistent Services Persistent Services Services Services Deprogrammed Services Deprogrammed Services Services Services Deprogrammed Services	This page summarizes the JMG in destination quota, distributed de Customize this table Summary of Resources New, Delete	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex				
Topsoyments Servers Servers Tots Servers Tots Servers Tots cervand Agents Tots envices Brindges Tots Services Deta Sources Presistent Stores Foreign JUD Poviders Totwarks Work Contexts	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Deployments Desloyments Services Description Services Description Development	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Deproyments Services Services Services Services Services Services Services Definition Store-end-Forward Agents How do Lea Services Definition Services Definition Services	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Pospovens Service	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Pospowents P	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Perception and the set of th	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				
Pospowents P	This page summarizes the 3MS in destination quota, distributed de Customize this table Summary of Resources New Deter	sources that have been creat statinations, foreign servers, an	td for this JMS system module, ind d store-and-forward parameters. JNDI Name	uding queue and topic destinations, connection fac	tories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Nex Targets				



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

	source - fcubs113_domain - WLS Console - Windows Internet Explorer	
🕑 🔻 🙋 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSystem	mModuleEntityPortletcurrentModule=FCUB5_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_domai
v 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 iguration button to allow others to edit the ain.	Create a New JM5 System Module Resource	
	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
ain Structure	Use these pages to create resources in a JMS system module, such as queues, topics, ten	nplates, and connection factories.
113_domain nvironment eployments ervices	Depending on the type of resource you select, you are prompted to enter basic informatic factories, distributed queues and topics, foreign servers, and JMS SAP destinations, you o targetable resources with subdeployments, which is an advanced mechanism for grouping	on for creating the resource. For targetable resources, like stand-alone queues and topics, connection can also proceed to targeting pages for selecting appropriate server targets. You can also associate INS module resources and the members to server resources.
JMS Servers 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 $Info\ldots$
→JMS Modules →Path Services B→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	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
infigure JMS templates Infigure 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 nfigure connection factories	O Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
ntigure connection factories nfigure uniform distributed topics nfigure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More $\ensuremath{Info}\xspace\dots$
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 🖂) JHS Template	Defines a set of default configuration settings for multiple destinations. More Info
h 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 served messages to the remote server instance or duster. More inflo
		🔍 Local intranet 🔍 100%



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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Win	dows Internet Explorer		BX
💽 🗸 🖉 http://10.184.74.143:8888/co	nsole/console.portal?3msCreateSystemModuleEntityPortlet_	actionOverride=/com/bea/console/actions/jms/modules/s	ystem/createentity/selectEntit 💙 🐓 🗙 Google Powered Pandion Search	P•
<u>File Edit Yiew</u> Favorites <u>T</u> ools <u>H</u> elp				
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🔗 🔅 Create a New JMS System Module I	Resource - fcubs11		🏠 👻 🗟 👘 🖶 Bage 🕶 🎯 T	igols • "
ORACLE WebLogic Server®	Administration Console			Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule	RLD >Summary of JMS Servers >Summary of JDBC Data So	urces >FLEXTEST.WORLD >Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JM5 System Module Resource			
Lock & Edit	Back Next Finish Cancel			
Release Configuration	JMS Destination Properties			
Domain Structure	The following properties will be used to identify your	new Queue. The current module is FCUBS_SystemModule		
fcubs113_domain	* Indicates required fields			
Deployments				
È-Services È-Messaging	* Name: NOTIFY_DEST_QUE	UE		
JMS Servers				
Store-and-Forward Agents	JNDI Name: NOTIFY_DEST_QUE	UE		
JMS Modules				
Bridges	Template: None 🗸			
Data Sources				
Persistent Stores Foreign JNDI Providers	Back Next Finish Cancel			
-Work Contexts				
How do I				_
Configure quotas for destinations				
 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 I			🔍 Local intranet 🔍 100	

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

- Enter the Name of the Queue as 'NOTIFY_DEST_QUEUE'.
- Enter the JNDI Name as 'NOTIFY_DEST_QUEUE'.
- Select the Template as 'None'.
- o Click 'Next'.



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🗸 🖉 http://10.184.74.143:8888/con	isole/console.portal	🖌 🐓 🗙 Google Powered Pandion Search 🖉 🔹
File Edit View Favorites Tools Help		
🚖 🔅 🧭 Create a New JMS System Module R	tesource - fcubs11	🏠 🔻 🔝 👘 🖶 🗛 🖓 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 >F Modules >FCUBS_SystemModule	LEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JM5 System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure Foubsills_domain ▲ DE-Environment ▲ D-Services ➡ D-Services ➡ M-Messaging → NS Servers → Services ➡ B→ Bridges → MS Servers → Data Sources ➡	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by y SAR agent. If necessary, you can create a new subdeployment by cliding the Create a New Subdeployment but module's subdeployment management page. Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployments: FCUBS v Create a New Subdeployment. What targets do you want to assign to this subdeployment? Targets :	which 3MS resources are grouped and targeted to a server instance, cluster, or on. You can also reconfigure subdeployment targets later by using the parent
Persistent Stores Foreign JNDI Providers	JMS Servers	
Work Contexts		
How do I	FCUBS_JMSServer	
Configure quotas for destinations Configure JMS templates	Back Next Finish Cancel	
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		🛀 😌 Local intranet 🔍 100% 👻



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

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



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

C Settings for FCUBS_SystemModule - fc	ubs113_dor	nain - WLS Console -	Windows Int	ernet Explore	r		
G + ktp://10.184.74.143:8888/com	nsole/console.p	ortal?_nfpb=true&_pageLa	bel=http://10.1	84.74.143:8888)	console/console.portal?_nfpb=true	&_pageLabel=http://10.184.74.143 💙	Google Powered Pandion Search
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🔶 🕸 🄏 Settings for FCUBS_SystemModule	- fcubs113_don	nai					🟠 🔹 🖾 👘 🖶 🔂 Bage 🕶 🍈 Ti
ORACLE WebLogic Server®	Administrati	on Console					
Change Center	🚹 Home	Log Out Preferences 🔤	Record Help		Q	v	elcome, weblogic Connected to: fcubs113_do
View changes and restarts	Home >Su Modules >	mmary of JDBC Data Source FCUBS_SystemModule	s >FLEXTEST.W	ORLD >Summary	of JMS Servers >Summary of JDBC Da	ata Sources >FLEXTEST.WORLD >Summ	rry of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings fo	or FCUBS_SystemModu	le				
domain.	Configure	ation Subdeployments	Targets Se	ecurity Notes			
Release Configuration	This pag	e displays general informat	ion about a JMS	system module a	nd its resources. It also allows you t	to configure new resources and access	existing resources.
Domain Structure fcubs113 domain	Name:		FC	CUBS_SystemMod	ule	The name of this JMS sy	stem module. More Info
Environment	Descript	or File Name:	jm	is/FCUBS_System	Module-jms.xml	The name of the JMS m	odule descriptor file. More Info
⊖ Messaging → 3NS Servers → Store-and-Forward Agents → 3NS Modules → Path Services ⊕ Bindges	destinati	e summarizes the JMS reso on quota, distributed destin nize this table ry of Resources	urces that have nations, foreign	been created for servers, and stor	this JMS system module, including o e-and-forward parameters.	queue and topic destinations, connectio	n factories, JMS templates, destination sort keys,
Data Sources Persistent Stores	New	Delete					Showing 1 to 1 of 1 Previous Nex
Foreign JNDI Providers		lame 🚕		Туре	JNDI Name	Subdeployment	Targets
How do I		OTIFY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
Configure JMS system modules Configure subdeployments in JMS system	New	Delete					Showing 1 to 1 of 1 Previous Nex
 modules Configure resources for JMS system modules 							
Sustam Status							
System Status							
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'.

~		WLS Console - Windows Inte	Thet explore			_ 2 2
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	Administration Cor	nsole				Q
Change Center	Home Log Out	t Preferences 🔤 Record Help		Q	Welcome, we	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary Modules >FCUBS	of JDBC Data Sources >FLEXTEST.WO SystemModule	RLD >Summary (of JMS Servers >Summary of JDBC Data Sources	FLEXTEST.WORLD >Summary of JMS Serv	ers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUE	IS_SystemModule				
domain.	Configuration	Subdeployments Targets Sec	curity Notes			
Release Configuration	This page display	/s general information about a JMS s	system module ar	nd its resources. It also allows you to configure	new resources and access existing resou	rces.
Domain Structure	Name:	FCL	JBS_SystemMod	ule	The name of this JMS system module.	More Info
Environment	Descriptor File	Name: jms	/FCUBS_System	Module-jms.xml	The name of the JMS module descripto	or file. More Info
Messaging MS Services	This page summa	arizes the JMS resources that have b	een created for	this JMS system module, including queue and t	opic destinations, connection factories, JM	MS templates, destination sort keys,
Hosseying Hold Servers Servers Store-and-Forward Agents Hold Services Hondes Hondes Data Sources President Stores	Customize this	a, distributed destinations, foreign s s table	een created for ervers, and stor	the 3MS system module, including queue and t e-and-forward parameters.	opic destinations, connection factories, 3	
IMS Servers Store-and-Forward Agents Path Services B-Bridges Data Sources	Customize the Summary of Re New Delete	a, distributed destinations, foreign s s table esources	ervers, and stor	e-ond-forward parameters.		Showing I to 1 of 1 Previous Next
JNS Servers JNS Nodules Path Services Path Services 	Customize this	a, distributed destinations, foreign s s table esources	Type	the INS system module, including queue and the e-and-forward parameters.	opic destinations, connection factories, 34	
	destination quot	a, distributed destinations, foreign s s table esources	ervers, and stor	e-ond-forward parameters.		Showing I to 1 of 1 Previous Next
How do L.	destination quot	a, distributed destinations, foreign s s table esources	Type	and-forward parameters.	Subdeployment	Showing I to 1 of 1 Previous Next Targets
	destination quot Customize the Summary of Re New Delete Norrey Norrey	a, distributed destinations, foreign s s table esources	Type	and-forward parameters.	Subdeployment	Showing I to 1 of 1 Previous Next Targets FCUBS_IMSServer



The following screen is displayed:

Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows I	nternet Explorer	
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	Administration Console		Q 4
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 >FLEXTEST.WORLD >So Modules >FCUBS_SystemModule	ummary of JMS Servers >Summary of JDBC [Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
to pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Choose the type of resource you want to create.		
Domain Structure	Use these pages to create resources in a JMS system module	, such as queues, topics, templates, and (connection factories.
-Deployments		d JMS SAF destinations, you can also proce	ing the resource. For targetable resources, like stand-alone queues and topics, connection ceed to targeting pages for selecting appropriate server targets. You can also associate resources and the members to server resources.
Hessaging 	Onnection 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	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 consumer. More info
Persistent StoresForeign JNDI ProvidersWork Contexts	🔿 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
low do I Configure quotas for 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
Configure JMS templates Configure destination keys	O Distributed Topic		Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
Configure topics Configure queues Configure connection factories	O Foreign Server		Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure uniform distributed topics Configure uniform distributed queues	🔿 Quota		Controls the allotment of system resources available to destinations. More $\ensuremath{Info}\xspace$.
Configure foreign servers Configure JMS SAF	O Destination Sort Key		Defines a unique sort order that destinations can apply to arriving messages. More Info
ystem Status	🔿 JHS Template		Defines a set of default configuration settings for multiple destinations. More info
ealth of Running Servers Faled (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 into the local luster or server instance, so that the local server instance or duster. Howe hifton
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2. Select 'Connection Factory'. Click 'Next'.

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Eile Edit Yiew Favorites Tools Help		
👷 🎄 🌈 Create a New JMS System Module R	i Resource - fcubs 11 📄 👘 🐑 💼 🔹 🔂 🕆 👼 🐑 Bage	🔹 🎯 Tools 🔹 🎽
	Administration Console	Q 🔷
Change Center	🟦 Home Log Out Preferences 🖾 Record Help 📃 🔍 Welcome, weblogic Connected to: fcub	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_System/Module	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Connection Factory Properties	
	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 JNDI 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 si	narable?
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	
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 connection factories	Maximum Messages per Session: 10	
Configure uniform distributed topics Configure uniform distributed queues		
Configure foreign servers	Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
Configure JMS SAF	✓ XA Connection Factory Enabled	
System Status	Back Next Frish Cancel	
Health of Running Servers		
Failed (0)		
Critical (0) Overloaded (0)		
Done Overbaded (0)	Local intranet	€ 100% •
DONO	- Coanto anot	

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



The following screen is displayed:

🖉 Create a New JMS System Module Reso	purce - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻	×
G · ktp://10.184.74.143:8888/com	nsole/console.portal?]msCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/ins/connection/create/insconnectionfactory/ 🛛 😚 🗙 Google Powered Pandion Search 👘 🖉	-
Ele Edit View Favorites Iools Help		
🚖 🎄 🌈 Create a New JMS System Module P	Resource - faabsii 🔤 👘 🔹 📴 🖓 Egge 👻 🎲 Tgols -	»
	Administration Console Q	^
Change Center	🏦 Home Log Out Preferences 🖾 Record Help	
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 JMS System Hodule Resource	
Lock & Edit	Back Next Finish Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain	Use this page to view and accept the default targets where this JNS resource will be targeted. The default targets are based on the parent JNS system module targets. If you do not want to accept the default targets, then dick. Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Deployments Services	The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.	
	Targets :	
··· JMS Modules	Servers	
Path Services Bridges	✓ ManagedServer1	
Data Sources Persistent Stores		
Foreign JNDI Providers	Back Next Finah Advanced Targeting Cancel	
How do I		
Configure quotas for destinations		
Configure JMS templates Configure destination keys		
Configure topics Configure topics		
Configure queues		
Configure connection factories		
 Configure uniform distributed topics 		
 Configure uniform distributed queues 		
Configure foreign servers Configure JMS SAF		
Comigure sins size		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		~
Done	😌 Local intranet 🔍 100% 👻	



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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/cor	nsole/console.portal	🖌 😽 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit View Favorites Iools Help		
🚖 🔅 🌈 Create a New JMS System Module P	Resource - fcubs11	🟠 🔹 🔝 🛸 🖶 🖬 🖓 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.W Modules >FCUBS_SystemModule	'ORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain B-Environment	Live this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which 245 re SAR Figure 1. Increasary, you constate a new subdeployment by clicking the Create a New Subdeployment button. You can module's subdeployment management page.	
Deployments ⊟-Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
⊡-Messaging JMS Servers Store-and-Forward Agents	Subdeployments: FCUBS V 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 Work Contexts	Servers	
How do I	ManagedServer1	
Configure quotas for destinations	JMS Servers	
Configure JMS templates Configure destination keys	FCUB5_JM5Server	
Configure topics		
Configure queues	Back Next Finish Cancel	
Configure connection factories Configure uniform distributed topics		
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		Scal intranet 🔍 100% 👻

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



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

Settings for FCUBS_SystemModule - for	ubs113_domain	- WLS Console -	Windows	Internet	t Explore	ar						
💽 🔻 🙋 http://10.184.74.143:888B/co	nsole/console.portal?	_nfpb=true&_pageLa	bel=JMSSy:	stemModule	eConfigGer	neralPage			✓ 4 ×	Google Po	wered Pandion Search	
e Edit View Favorites Iools Help McAfee // -												
Settings for FCUB5_SystemModule	- fcubs113_domai								6	• 🔊 -	🖶 🔹 🔂 Bage 🔹 🄇) T <u>o</u> o
	Administration C	onsole										ç
nange Center	🔒 Home Log Out Preferences 🔤 Record Help								Welcome, v	veblogic Co	onnected to: fcubs113	_dom
w changes and restarts		Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources > Modules >FCUBS SystemModule								ervers >JMS		
nding changes exist. They must be activated take effect.	Messages	factory created succe										
Activate Changes												
Undo All Changes		UBS_SystemModul	e									
main Structure	Configuration	Subdeployments	Targets	Security	Notes							
Environment Deployments Services	Name:	This page displays general information about a JMS system module and its resources. It also allows you to configure Name: FCUBS SystemModule						The name of this JMS system module. More Info				
-Messaging -MS Servers Store-and-Forward Agents MS Modules -Path Services	Descriptor File Name: yms/FCU85_SystemModule-jms.xml				The name of the JMS module descriptor file. More Info							
- Four Services B - BridgesData SourcesPoreign JNDI ProvidersVork Contexts	destination qu	ota, distributed destir his table	nations, for	eign serven	s, and sto	re-and-forward	parameters.					
/ do I	Summary of									a	1 to 2 of 2 Previous	
Configure JMS system modules										Showing	1102012 Previous	nex
onfigure subdeployments in JMS system	Name	~		Туре			JNDI Name	Su	bdeployment	Tar	gets	
odules onfigure resources for JMS system modules	NotifyE	DestQCF		Connectio	on Factory		NotifyDestQCF	FO	JBS	FCU	BS_JMSServer	
tem Status	NOTIF	Y_DEST_QUEUE		Queue			NOTIFY_DEST_QUEUE	FO	JBS	FCU	BS_JMSServer	
Ith of Running Servers	New Dele	te								Showing	1 to 2 of 2 Previous	Nex
Failed (0)												
Critical (0)												
Overloaded (0)												
Warning (0) OK (2)												
UK (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	/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorygeneralTabPage&	handle=com.bea.console.handles.JMXHandle%28%22com 🔽 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎
ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp D McAfee:		
🗧 🍄 🌈 Settings for NotifyDestQCF - fo	ds113_domain - WL5	🙆 👻 🗟 👘 📴 Bage + 🎯 Tgols -
	[®] Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Source Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDe	
Pending changes exist. They must be activate to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Ba	alance Security
Domain Structure	Save	
ubs113_domain B-Environment Deployments B-Services	Use this page to define the general configuration parameters for this JMS connec	ton factory, which includes various client connection, default delivery, load balancing, and security parameters.
	1 Name: 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
i⊞-Bridges Data Sources	🗌 🐠 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Persistent Stores Foreign JNDI Providers	- December 2010 Advanced	
Work Contexts	Save	
How do I	a	
Configure connection factories		
System Status		
ealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		

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

Settings for NotifyDestQCF - fcubs113_c	domain - WLS Console - V	/indows Inte	ernet Explo	rer				
🚱 🔄 💌 👔 http://10.184.74.143.88888[console.portal?_rftpb=true8_paget.abel=.MSConnectionFactorytransactionparansTabPogetAndle=com.bea.console.handles_MHandle%; 💁 🗛 🔀 Google Powered Pandom Search 👘 🖉 =								
Eile Edit Yiew Favorites Tools Help								
😭 🏟 🏈 Settings for NotifyDestQCF - fcubs113	3_domain - WLS						🛐 👻 🗟 👘 🖶 Bage 🕶 🎯 Tgols 🗸 🍾	
	dministration Console						Q	
Change Center	🔒 Home Log Out Preferen	ces 🔤 Record	d Help		Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SystemModule >NotifyDestQCF >FCUBS SystemModule >NotifyDestQCF							
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF							
Activate Changes	Configuration Subdeploy	yment Notes	,					
Undo All Changes	General Default Delivery	Client Tra	ansactions	Flow Control	Load Balance	Security		
Domain Structure	Save							
Flubsilis domain Image: Constraint of the system of the								
JMS Servers Store-and-Forward Agents	Transaction Timeout:		360	0			The timeout value (in seconds) for all transactions on connections created with this connection factory. More info	
→ INS Modules → Peth Services → Peridges → Data Sources → Persistent Stores → Mork Contexts → Work Contexts	XA Connection Fa	actory Enable	:d				Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an AXAConnection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info	
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 🛛 🔎 🔹
Ele 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						
🌀 💮 👻 👔 http://10.164.74.143.8888/console/console.pontal?_pfpb=ture8_pageLabel=http://10.164.74.143.8888/console/console.pontal?_pfpb=ture8_pageLabel=HtConnectionFactor 👱 🐓 🔀 Google Powered Pardon Search 📃 🔎 😒							
Ele Edit View Favorites Tools Help • McAfee							
😭 🏘 🏀 Settings for NotifyDestQCF - fcubs1	3_domain - WL5	🟠 👻 👼 👻 🔂 Page 🕶 🎯 Tools 🕶 🎽					
	dministration Console	Q					
Change Center	Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDest	FLEXTEST.WORLD >Summary of JMS Servers >JMS CF					
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been activated. No restarts are necessary.						
	Settings for NotifyDestQCF						
Release Configuration	Configuration Subdeployment Notes						
Domain Structure	General Default Delivery Client Transactions Flow Control Load Bal	ance Security					
Fcubs 13_domain ▲ B→Envrooment → Deployments → B→Services → Store-and-Forward Agents → Tote-and-Forward Agents → MS Modules →	Click the Lock & Editbutton in the Change Center to modify the settings on this pe Save Use this page to define the transaction configuration for this JMS connection factor factory is returned, which create sessions that are JTA user-transaction aware.	ge. /. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection					
B-Bridges Data Sources Persistent Stores	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More ${\rm Info}_{\cdots}$					
Foreign JNDI Providers	♂ 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).

🗄 Home Page - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀							
G v //10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search				
Ele Edt Yew Favorites Tools Help O MacAfoor 🕼 -							
😭 🏘 🏀 Home Page - fcubs113_domain - W	/LS Console		🟠 🔻 🔝 👻 🖶 🖛 🕞 Page 🕶 🎯 Tools 🗸 🎇				
	Administration Console		Q 🍦				
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >tcubs113_domain						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page						
Lock & Edit	- Information and Resources						
	Helpful Tools	General Information					
Release Configuration	Configure applications	 Common Administration Task Descriptions 					
	 Configure GridLink for RAC Data Source 	 Read the documentation 					
Domain Structure fcubs113 domain	 Recent Task Status 	 Ask a question on My Oracle Support 					
tcubs113 domain D-Environment	 Set your console preferences 	 Oracle Guardian Overview 					
Deployme fcubs113_domain	- Domain Configurations						
P-Messaging	Domain	Services	Interoperability				
JMS Servers	Domain	Messaging	WTC Servers				
Store-and-Forward Agents		 JMS Servers 	Jolt Connection Pools				
Path Services	Environment	 Store-and-Forward Agents 					
⊞-Bridges	Servers	 JMS Modules 	Diagnostics				
Data Sources Persistent Stores	Clusters	 Path Services 	Log Files				
Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules				
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images				
How 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				
Gunham Chabus	 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)							



The following screen is displayed:

	13_domain - WLS Console - Windows Internet Explorer		
💽 🔹 🙋 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=DomainConfigGeneralPag	e&DomainConfigGeneralPortlethandle=com.bea.	console.handles.JMXHand 💙 🆘 🗙 Google Powered Pandion Search 🛛
Edit View Favorites Tools Help McAfee:			
🕸 🌈 Settings for fcubs113_domain - fcub	s113_domain - W		🏠 👻 🗟 👘 🖶 🖓 Bage 🕶 🎯 Tgols
	Administration Console		Q
ange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domai
ew changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sources >F Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemMo		
pending changes exist. Click the Release infiguration button to allow others to edit the main.	Settings for fcubs113_domain		
Lock & Edit	Configuration Monitoring Control Security Web Servi	ce Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications Logging	Log Filters	
main Structure	Save		
tbs113 domain	A domain is a collection of WebLogic Server instances that is mani domain. * Indicates required fields	aged by a single Administration Server. Use this p	age 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
	Enable Administration Port		Specifies whether the domain-wide administration port should be enabled for this WebLogic Server domain. Because the administration port uses SSL, enabling the administration port requires that SSL must be configured for all servers in the domain. More Info
Work Contexts	Administration Port:	9002	The common secure administration port for this WebLogic Server domain. (Requires you to enable the administration port.) More Info
w do I (Change Console preferences Configure the domain-wide administration port	Production Mode:	tue	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
Archive configuration files			
Sisable the Console	🗌 🖑 Enable Exalogic Optimizations		Specifies whether optimizations for Oracle studge; should be enabled. Optimizations include improved thread management and request processing, and reduced lock contention. This attribute should be enabled only when configuring 9 Web/acji domain for Oracle Evalgoc. For more information, see "Enabling Evalgoci: Specific Enhancements in Oracle Web/acgi Genery 11g Release 1 (LO.3)" in the Oracle Subgic Deployment Guide. More Info
isable the Console istem Status Ith of Running Servers Falled (0)	 d€ Enable Exalogic Optimizations d€ Enable Cluster Constraints 		Optimizations include improved thread management and request processing, and reduced lock contention. This attribute should be enabled only when configuring a WebLogic domain for Oracle Exalogic. For more information, see "Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server 11g
Stable the Console stem Status altho fRunning Servers Faled (0) Ortical (0) Warning (0)		ations	Optimizations include improved thread management and request processing, and reduced to contention. This at tablue should be maded only when extending Exalign-Specific Enhancements in Oracle Webugg Envert Lig Release 1 (10.3.4) ¹ in the Oracle Evalogic Deployment Guide. More Enfo Specifics that deployments targeted to a duster acceed only if all servers in
Itsable the Console Item Status Falled (0) Critical (0) Overloaded (0)	□ d€ Enable Cluster Constraints	ations	Optimizations include improved thread management and request processing, and reduced box contention. This strubute should be enabled only when configuring a WebLogic domain for Oracle Exalogic. For more information, see Tablesse 1 (10:3-4) ¹¹ in the Oracle Exalogic Deployment Guide. More Info Release 1 (10:3-4) ¹¹ in the Oracle Exalogic Deployment Guide. More Info Specifics that deployments targeting to a duater succeed only if all servers in the duster are numming. More Info Specifies whether internal apolications such as the console, usid, visitesticient, and uddeployment are deployed on dama (first access) phased of during
Insable the Console		ations	Optimization include improved thread management and request processing, and reduced to contention. This studies enable the output enabled only when enable of the output enables and the output enables of the output enables that and the output enables of the output enables of the output enables Specifies that deployments targeted to a duster succeed only if all servers in the duster are normal, there inform and the information of the output enables Specifies that deployments targeted to a duster succeed only if all servers in the duster are normal, there inform and the information of the information Specifies information of the information of the information of the server startup. More brids.



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

Settings for reubsitio_domain - reubs	TTS_domain - wits console - windows internet explorer	
	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&DomainConfigWebAppPortlethande	s=com.bea.console.handles.JMXHar 💙 🖅 🗙 Google Powered Pandion Search 🛛 🔎 🔻
Ele Edit View Favorites Tools Help McAfee		
🚖 🕸 🌈 Settings for fcubs113_domain - fcu	bs113_domain - W	🏠 👻 🗟 🕛 🖶 😨 Bage 🕶 🎯 Tools 🔹 🎽
	Administration Console	Q 🏠
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF Sessions >fcubs113_domain	>FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain >Summary of Mail
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for fcubs113_domain	
Lock & Edit	Configuration Monitoring Control Security Web Service Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications Logging Log Filters	
Domain Structure	Click the Lock & Editbutton in the Change Center to modify the settings on this page.	
fcubs113_domain	Save	
DeploymentsServicesMessaging	Use this page to define the domain-wide Web application configuration settings.	
:IMS Servers Store-and-Forward Agents IMS Modules Path Services @J:Bridges Data Sources	☐ dÊ Relogin Enabled	Beginning with the 9.0 release the FORM(BASIC authentication behavior has been modified to confirm structly to the 122E Specification. (If a user has logged in bit deen not have privileges to access resource, the 403 (PCRBIDCER) page will be returned. Turn this flag on to enable the did behavior, which was to return the user to be legit form. More infin
How do L.	🔄 🐠 Allow All Roles	In the security-constraints demonst defined in a thick application's neb-and deployment decorptory, he wait-constraint delower tedicates de user nelles that should be permitted access to this resource collection. In previous reflexators, role-came = ²⁴⁷ is a constraint device defined in the should be permitted access to this resource collection. In previous reflexators, role-came = ²⁴⁷ is and tracket de all user infords defined in behavior. Cheful behavior os one required by the specimensmont reflexator.
Stop deployed Web applications Stop deployed Web applications Delete 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 value. More Info
Update run-time descriptors System Status	🗌 🏀 Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a badoward compatibility flag. Until version 8.1, WebLogic Server applied ServletFilters (if configured for the Web application) on request dispatches
Health of Running Servers		(and includes/forwards). Servlet 2.4 has introduced the 'Dispatcher' element to make this behavior explicit. The default value is Dispatcher=REQUEST. In order to be complaint with the JZEE specification, the default value for
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)		Filter logatisticities, and in adultatistic field have been provided in the second sec
	Overload Protection Enabled	This parameter is used to enable overlaad protection in the webspo container against live memory conditions. When a low memory bitation occurs, new session creation attempts will result in websjocarverket. Session:Creation. The application code needs to catch this exception and take proper action. Alternatively appropriate error pages can be configured on two. Mit against
Done		Science 🔩 Local intranet 🔍 100% 🔻 .

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



Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🗐 👂							
COO - 10 http://10.184.74.143:8888/consc	$ble/console.portal?_nfpb=true8_pageLabel=DomainConfigWebAppPage8handle=com.bea.console.handles.JMXHandes.JMXHAndes.JMXHandes.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAd$	dle%28%22com.bea%3ANa 🗸 🍫 🗙 Google Powered Pandion Search 🖉 🔹					
Elle Edit View Favorites Iools Help							
🔶 🏟 🏉 Settings for fcubs113_domain - fcubs	113_domain - W	🏠 👻 🗟 👘 🖶 2age 🗸 🎯 Tgols 🗸 🎽					
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info					
	UebLogic Plugin Enabled	Specifies whether or not the proprietary VIL-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					
		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					
	WAP Enabled	Indicates whether the session ID should include JVM information. (Checking this box may be necessary when using URL: remriting with WAP devices that limit the size of the URL to I23 darracters, 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 darracters, 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 derial-of-service attacks that attempt to overload the server with POST data.) More Info					
	Maximum Post Time: -1	Max Post Time (n seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info					
	Maximum Post Size: _1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More info					
	☑ Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info					
	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 Vieb 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 confirm to the JSP.0. specification. This property exists for backward compatibility. More Info					
		Global property to determine the behavior of getReaPath() 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://10.184.74.14388889(console/console.portal?_r/pb=true8_pagetabel=DomainConfigWebAppPage8handle=com.bea.console.handles.J%XHandle%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 - fcubs	113_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHanc	ile%28%22com.bea%3ANa 💙 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Iools Help McAfee		
🚖 🕸 🏾 🏀 Settings for fcubs113_domain - fcu	bs113_domain - W	🟠 👻 🔜 🔹 📑 Eage 🛪 🎯 T <u>o</u> ols 🛪 🍟
	Administration Console	Q 🏠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JM Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain	15
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings updated successfully.	
Undo All Changes	Settings for fcubs113_domain	
	Configuration Monitoring Control Security Web Service Security Notes	
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
fcubs113_domain	Save	
Deployments		
⊡-Messaging	Use this page to define the domain-wide Web application configuration settings.	
Store-and-Forward Agents		
	🔲 🍓 Relogin Enabled	Beginning with the 9.0 release the FORM/BASIC authentication behavior has been modified to conform strictly to the J2EE Specification. If a user has
🕀 -Bridges		logged-in but does not have privileges to access a resource, the 403 (FORBIDDEN) page will be returned. Turn this flag on to enable the old
Persistent Stores		behavior, which was to return the user to the login form. More Info
Foreign JNDI ProvidersWork Contexts	🔲 🍓 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user roles
How do I		that should be permitted access to this resource collection. Here role-name = "*" is a compact syntax for indicating all roles in the Web application. In
Deploy Web applications		previous releases, role-name = "*" was treated as all users/roles defined in the realm. This parameter is a backward-compatibility switch to restore old
Stop deployed Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.xml
Delete Web applications		(container-descriptor -> allow-all-roles) takes precedence (if set) over this value. More Info
Update run-time descriptors		Indicates whether or not to apply filters to dispatched requests. This is a
System Status	🔲 🏨 Filter Dispatched Requests	backward compatibility flag. Until version 8.1, WebLogic Server applied ServietFilters (if configured for the Web application) on request dispatches
Health of Running Servers		(and includes/forwards). Serviet 2.4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher=REQUEST. In
Failed (0)		order to be complaint with the JZEE specification, the default value for FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0.
Critical (0)		Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then WebLogic Server automatically uses
Overloaded (0)		FilterDispatchedRequestSinabled = true for the Web applications, unless filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml.
Warning (0) OK (2)		This means that old applications will work fine without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration
		plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container
		against low memory conditions. When a low memory situation occurs, new session creation attempts will result in weblocic.servlet.SessionCreationException. The application code needs to
		catch this exception and take proper action. Alternatively appropriate error-
Dope		Sol or al intrapet 🕐 100% 💌

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

7.5 Setup/Configure Mail Session in Weblogic

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

7.5.1 Creating JavaMail Session

To configure mail session, follow the steps below.



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

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Exp	lorer		
	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSessi	ionTablePage		🖌 🗲 🗙 Google Powered Pandion Search
Elle Edit View Favorites Tools Help				
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🏠 🔹 🖾 🔹 🖶 🔹 🔂 Page 🔹 🎯 Tgols 🔹 🏁
ORACLE WebLogic Server®	Administration Console			Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule >NotifyDestQCF >FCUI		nain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions		,	
Lock & Edit Release Configuration	Protocol (SMTP)-capable mail servers on your networ	rk or the Internet.		essage Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have be	en configured in the current WebLogic Server d	omain.	
JMS Servers Store-and-Forward Agents JMS Modules Path Services BBridges	Customize this table Mail Sessions Click the <i>Lock & Edit</i> button in the Change Center to	o activate all the buttons on this page.		
Data Sources Persistent Stores	New Clone Delete			Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🗌 Name 🔅	Properties	JNDI Nar	ne
XML Registries		There are no ite	ns to display	
	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 Fald(0) Critical (0) Overloaded (0) Warning (0) OK (2)				

2. Click 'Lock & Edit'.

C Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Exp	plorer		
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=MailMaiSess	sionTablePage	💌 🐓 🔀 Google Powered Pandion Sea	rch 👂 •
Ele Edit View Favorites Tools Help				
😭 🏘 🏉 Summary of Mail Sessions - fcubs11	3_domain - WLS C		🛅 👻 🗟 👻 🖶 Page	• 🔘 T <u>o</u> ols • "
	Administration Console			<u>o</u>
Change Center	🚹 Home Log Out Preferences 🖂 Record Help	٩	Welcome, weblogic Connected to: fcubs	113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	ORLD >Summary of JMS Servers >JMS JBS_SystemModule >NotifyDestQCF >fcubs113_dom	ain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions			
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Java Protocol (SMTP)-capable mail servers on your netwo This page summarizes the mail sessions that have be	ork or the Internet.	ZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail	Transfer
Domain Structure	This page summarizes the mail sessions that have be	een configured in the current weblogic server do	man.	
Messaging JMS Servers Store-and-Forward Agents JMS Modules	Customize this table Mail Sessions			
Path Services B-Bridges	Click the Lock & Edit button in the Change Center t	to activate all the buttons on this page.		
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previo	us Next
Foreign JNDI Providers Work Contexts	🔲 Name 🗇	Properties	JNDI Name	
XML Registries XML Entity Caches		There are no item	s to display	
Mil Entry Caches	New Clone Delete		Showing 0 to 0 of 0 Previo	us Next
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 Ex	xplorer	
	nsole/console.portal?_nfpb=true&_pageLabel=MailCreate	eMailSession	Soogle Powered Pandion Search
File Edit View Favorites Tools Help			
@ McAfee'			
😭 🏟 🚫 Summary of Mail Sessions - fcubs11:	3_domain - WLS C		🏠 🔻 🔝 👘 🖷 🖓 Page 🕶 🎯 T <u>o</u> ols 🔹
	Administration Console		0
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.V Modules >FCUBS_SystemModule >NotifyDestQCF >FC		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 Release Configuration	Mail sessions facilitate the process of using the Jav Protocol (SMTP)-capable mail servers on your netv This page summarizes the mail sessions that have i	work or the Internet.	r JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure			
P-Messaging ▲	Customize this table		
····JMS Servers			
	Mail Sessions (Filtered - More Columns Exist	t)	
Path Services	New Clone Delete		Showing 0 to 0 of 0 Previous Next
Bridges			
Data Sources	🔲 Name 🗠	Properties	JNDI Name
Persistent Stores			
Foreign JNDI Providers		There are no ite	tems to display
-XML Registries	New Clone Delete		Showing 0 to 0 of 0 Previous Next
-XML Entity Caches			
сом			
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			
Work Contexts	mail.smtps.port=smtps mail.smtps.auth=rue			
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/cor	sole/console.portal?MailCreateMailSessionPortlet_actionOverride=/com/bea/console/actions/mail/createmailsession/deployTargets	Google Powered Pandion Search		
Elle Edit Yiew Favorites Iools Help				
😭 🏟 🌈 Create a New Mail Session - fcubs13	13_domain - WLS	🏠 🔹 🔂 🔹 🖶 👻 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 >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	Create a New Mail Session			
domain.	Back Next Finish Cancel			
Release Configuration	Mail Session Targets			
Domain Structure	This page indicates on which WebLogic Server instances or clusters the mail session is accessible. Only applications that have been deplo session.	yed to the selected servers or clusters can use this mail		
fcubs113_domain	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment en	sures that if the deployment fails for one active server, it		
Deployments Services	fails for all active servers.			
E Messaging				
JMS Servers Store-and-Forward Agents	Servers			
JMS Modules	AdminServer			
-Path Services -Bridges				
Data Sources Persistent Stores	ManagedServer1			
Work Contexts	Back Next Finish Cancel			
How do I 😑				
Configure access to JavaMail				
Target mail sessions				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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

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

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



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

C Summary of Mail Sessions - fcubs113	B_domain -	WLS Console - W	indows Internet Explorer		
🚱 🗸 🙋 http://10.184.74.143:8888/c	onsole/consol	le.portal?_nfpb=true8	k_pageLabel=MailMailSessionTablePage	Google Powered Pandio	n Search 🛛 🔎 🔹
Elle Edit View Favorites Iools Help O McAfee					
🚖 🏟 🌈 Summary of Mail Sessions - fcubs	113_domain -	WLS C		🐴 • 🖻 • 🖶 • 🗗	Page 🔹 🎯 Tools 🔹 🎽
	[®] Administ	ration Console			o 🗠
Change Center	Hor	me Log Out Preferer	nces 🔤 Record Help	elcome, weblogic Connected to: f	cubs113_domain
View changes and restarts	Home Modul	>Summary of JDBC Da les >FCUBS_SystemMore	ta Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS dule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mail Sessions		
Pending changes exist. They must be activated to take effect.	Messag	ges			
Activate Changes	N	fail session created su	ccessfully.		
Undo All Changes	Summa	ary of Mail Session	5		
Domain Structure Messaging Misseading Misseard-Forward Agents Misseard-Forward Agents Misseard-Forward Agents Hisseard-Earth Services Bit Bridges	Proto This (Cust	ocol (SMTP)-capable m	process of using the JavaMail APIs, which provide applications and other JZEE modules with access to Internet Messa all servers on your network or the Internet. mail sessions that have been configured in the current WebLogic Server domain.	ge Access Protocol (IMAP)- and Simple	a Mail Transfer
Data Sources Persistent Stores	Nev			Showing 1 to 1 of 1	Desuisus Nauk
Foreign JNDI Providers Work Contexts				Showing to for F	Tevidas (Next
XML Registries XML Entity Caches		Name 🐟	Properties	c l	JNDI Name
сом		FCUBSMailSession	mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.oracle.com mail.smtps.debug=true mail.ho	ost=stbeehive.oracle.com m	nail/FCUBSMail
How do I	Nev	Clone Delete	·	Showing 1 to 1 of 1 F	Previous Next
100 00 1					
Configure access to JavaMail Target mail sessions					
Delete mail sessions					
System Status	1				
Health of Running Servers					
Failed (0)	1				
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).





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