Weblogic Configuration Oracle FLEXCUBE Universal Banking Release 12.3.0.0.0 [December] [2016]





Table of Contents

1. C	ONFIGURING SSL ON ORACLE WEBLOGIC	1-1
1.1	INTRODUCTION	
1.2	SETTING UP SSL ON ORACLE WEBLOGIC	
1.3	CERTIFICATES AND KEYPAIRS	
2. C	HOOSING THE IDENTITY AND TRUST STORES	
2.1	INTRODUCTION	
3. 0	BTAINING THE IDENTITY STORE	
3.1	CREATING IDENTITY STORE WITH SELF-SIGNED CERTIFICATES	
3.	1.1 Creation of Self-signed Certificate	
3.2	CREATING IDENTITY STORE WITH TRUSTED CERTIFICATES ISSUED BY CA	
	2.1 Creation of Public and Private Key Pair	
	2.2 Generating CSR	
	2.3 Obtaining Trusted Certificate from CA	
	2.4 Importing Certificate into Identity Store	
4. C	ONFIGURING IDENTITY AND TRUST STORES FOR WEBLOGIC	4-1
4.1	ENABLING SSL ON ORACLE WEBLOGIC SERVER	
4.2	CONFIGURING IDENTITY AND TRUST STORES	
5. SI	ETTING SSL ATTRIBUTES FOR MANAGED SERVERS	
5.1	SETTING SSL ATTRIBUTES FOR PRIVATE KEY ALIAS AND PASSWORD	
6. T	ESTING CONFIGURATION	6-1
6.1	TESTING CONFIGURATION	
7. C	REATING RESOURCES ON WEBLOGIC	
7.1	INTRODUCTION	
7.2	RESOURCE ADMINISTRATION	
7.	2.1 Creating Data Source	
	2.2 JMS Server Creation	
	2.3 JMS Modules Creation	
	2.4 Subdeployment Creation	
	2.5 JMS Queue Creation	
7.3	2.6 JMS Connection Factory Creation CONFIGURING WEBLOGIC FOR PMGATEWAY	
7.3 7.4	CONFIGURING WEBLOGIC FOR PINIGATEWAY CONFIGURING WEBLOGIC FOR ORACLE FLEXCUBE	
7.4	SETUP/CONFIGURE MAIL SESSION IN WEBLOGIC	
	5.1 Creating JavaMail Session	
	5.2 Configuration of the TLS/SSL Trust Store for Weblogic Server	



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
- Custom Identity and Java Standard Trust
- 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.
- 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.

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.

<u>Example</u>

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

```
D:\Oracle\weblogic11g\jrockit 160 05 R27.6.2-20\bin>keytool -
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.



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

Example

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

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



3.2.2 Generating CSR

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

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

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

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

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

In the above command,

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

Example

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

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

3.2.3 Obtaining Trusted Certificate from CA

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

3.2.4 Importing Certificate into Identity Store

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

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



Importing the Intermediate CA certificate

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

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

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

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

In the above command,

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

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

Listed below is a sample execution of the command

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

Importing the Identity certificate

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

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

In the above command,

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



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

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

Listed below is a sample execution of the command

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

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



4. Configuring Identity and Trust Stores for Weblogic

4.1 Enabling SSL on Oracle Weblogic Server

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

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

4.2 Configuring Identity and Trust Stores

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

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to configure the keystores (example exampleserver).
- 4. Go to 'Configuration' and select 'Keystores' tab.
- 5. In the filed 'Keystores', select the method for storing and managing private keys/digital certificate pairs and trusted CA certificates. This choice should match the one made in Section 2 of this document (Choosing the Identity and Trust Stores).
- 6. In the 'Identity' section, provide the following details:
 - 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'.
- 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.

- R http://10.184.74.143:8888	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 🔹 🎯 T <u>o</u> ols
	[®] Administration Console		Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domai
iew changes and restarts	Home		
lick the Lock & Edit button to modify, add or elete items in this domain.	Home Page		
	- Information and Resources		
Lock & Edit	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 guestion on My Oracle Support 	
ubs113_domain	 Set your console preferences 	Oracle Guardian Overview	
Deployments	- Domain Configurations		
Services	-		
Security Realms Interoperability	Domain	Services	Interoperability
P-Diagnostics	Domain	Messaging JMS Servers	WTC Servers
		Store-and-Forward Agents	 Jolt Connection Pools
	Environment	Store-and-Porward Agents JMS Modules	
	Servers	 Path Services 	Diagnostics
	Clusters	 Padri Services Bridges 	Log Files
	Virtual Hosts Migratable Targets	Data Sources	Diagnostic Modules Diagnostic Images
		Persistent Stores	Diagnostic images Request Performance
ow do I	Coherence Servers Coherence Clusters	XML Registries	Request Performance Archives
Search the configuration	Coherence clusters Machines	XML Registries 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		• 1COM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
	Deployments	 FieT3 	
ystem Status		• JTA	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

Unowing Screen i			
	bs113_domain - WLS Console - Windows Internet Explo		
	onsole/console.portal?_nfpb=true8_pageLabel=http://10.184.74.143	::8888/console/console.portal?_nfpb=true&_pageLabe	el=GlobalJDBCDataSourc 🗹 😚 🗙 Google Powered Pandion Search
jie Edit View Favorites Tools Help			
0 McAfee' /			
🎓 🏟 🄏 Summary of JDBC Data Sources -	fcubs113_domain		🚹 👻 📾 👻 🖶 Page 👻 🎯 Tool
	Administration Console		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
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		
Release Configuration	borrow a database connection from a data source.		Connections. 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	e been created in this domain.	
cubs113_domain			
Environment Deployments	Customize this table		
-Services	Data Sources (Filtered - More Columns Exist)		
Messaging Data Sources	New V Delete		Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers	□ Name ↔ Ty	ype JNDI Name	Targets
Work Contexts			
XML Registries XML Entity Caches	FCUBS113 Ge	eneric jdbc/fcjdevDS	ManagedServer 1
jCOM Mail Sessions	FCUBS113Branch Ge	eneric jdbc/fcjdevDSBranch	ManagedServer 1
-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 			
Suctom Status	1		
System Status			
Failed (0)	1		
Critical (0)			
Overloaded (0)			
Overloaded (0)			



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

ile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee -				
MCAree	fcubs113 domain			🏠 🔹 🗟 🕤 🖶 🔹 🔂 Page 🕶 🎯 Tools
ORACLE WebLogic Server®	Administration Console			0
Change Center View changes and restarts	Home Log Out Preferences Record	Help	We	cloome, weblogic Connected to: fcubs113_domai
No pending changes exist. Click the Release Configuration button to allow others to edit the Jomain.	Summary of JDBC Data Sources Configuration Monitoring			
Release Configuration	A JDBC data source is an object bound to th borrow a database connection from a data s This page summarizes the JDBC data source Customize this table Data Sources (Filtered - More Columns	source.	inectivity through a pool of JDBC connections. Applications ca domain.	in look up a data source on the JNDI tree and then
Messaging Data Sources	New V Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers Work Contexts	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
tow do I	New V Delete			Showing 1 to 2 of 2 Previous Next
Create JDBC generic data sources Create JDBC GridLink data sources Create JDBC multi data sources				
Delete JDBC data sources Delete JDBC multi data sources System Status Health of Running Servers				

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 - fcub	s113_domain - WLS Console - Windows Internet Explorer	
() - (i) http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortletreturnTo=GlobalJDBCDataSourceTablePage&GlobalZB	CDataSourceTablePortlethandle=c 💙 🗲 🗙 Google Powered Pandion Search 🖉 🗸
Ele Edit View Favorites Tools Help		
🚖 🎄 🌈 Create a New JDBC Data Source - fr	cubs113_domain	🟠 👻 📾 👻 🔂 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	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure folds:113_domain Defloyments Deflo	Create a New JDBC Data Source Image: Image: JDBC Data Source Properties The following properties will be used to identify your new JDBC data source. * Indicates required fields What would you like to name your new JDBC data source? Image: FLEXTEST.WORLD What NIDI name would you like to assign to your new JDBC Data Source? Image: FLEXTEST.WORLD	
Mal Sessions Mark Sessions Mork of L. 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 Finsh 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

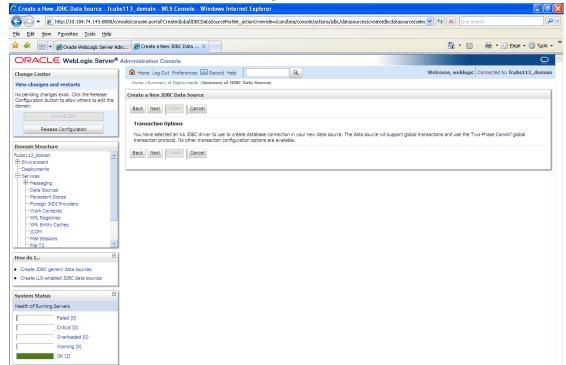
8. Click 'Next'.

The following screen is displayed:

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet Explorer					
🚱 🗸 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasour	ce/selec 💙 🐓 🗙 Live Search 🖉 •				
Ele Edt View Favorites Jools Help						
🚖 💠 🔡 👻 🏉 Oracle WebLogic Server Adr	n 🖉 Create a New JDBC Data X	🟠 👻 🗟 🔹 🖶 👻 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 Deployments >Summary of Servers >ManagedServer1 >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Frish Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.					
fcubs113_domain	Database Type: Orade					
B-Environment Deployments B-Senvices IP Messaging IP Data Sources IP Deployments IP Oracle Sources IP Oracle Sources	What database driver would you like to use to create database connections? Note: * indicates that the driver is explicitly supported b Database Driver: *Oracle's Driver (Thin XA) for Instance connections; Versions Any Back Next Finish Cancel	y Orade Weblogic Server.				
100 00 1						
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)						



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 - fcub	s113_domain - WLS Console - Windows Int	ernet Explorer		
🚱 🕞 💌 👔 http://10.184.74.143.88888/console/console.portal?CreateGlobalD8CDataSourcePortet_actionOverride=/com/bea/console/actions/sbc/datasource/add: 🔍 🐓 🗶 🐻 Coogle Powered Pandon Search 👔				
Elle Edit Yiew Favorites Tools Help • McAfee ·				
🚖 🎄 🄏 Create a New JDBC Data Source - F	cubs113_domain		🏠 🔻 🔝 🕤 🖶 Page + 🎲 Tgols + 🎽	
	Administration Console		Q 🧧	
Change Center	🟦 Home Log Out Preferences 🔤 Record Hel	p Q	Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source			
domain.	Back Next Finish Cancel			
	Connection Properties			
Release Configuration	Define Connection Properties.			
Domain Structure	What is the name of the database you would like	to connect to?		
fcubs113_domain	Database Name:	KERDEV2		
dr-nvronment KERDEVZ				
⊕-services What is the name or IP address of the database server?				
Data Sources	Host Name:	10.10.10		
Persistent Stores Foreign JNDI Providers		10.10.10		
Work Contexts XML Registries	What is the port on the database server used to	connect to the database?		
XML Entity Caches	Port:	1010		
jCOM Mail Sessions				
File T3	What database account user name do you want t	to use to create database connections?		
How do I	Database User Name:	FCPB1121		
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to	o create database 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)				



11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDom	nain - WLS Console - Windows Internet Explorer	Man. Number Concession, Name of Street, Street, or other		
C 🗢 🖉 + http://127.0.0.1:7101/console/	console.portal?CreateGlobalJDBCDataSourcePortle	t_actionOverride=/com/bea/console/actions/jdbc/datasources/cr	▼ 😣 🍫 🗙 🔀 Google	• م
× 🛛 McAfee 👔 ▼				
🚖 Favorites 🛛 👍 🔊 Web Slice Gallery 🕶				
🏉 Create a New JDBC Data Source - DefaultDor	main		🐴 🔻 🖾 👻 🚍 🖶 👻 <u>P</u> age 🕶 Safety	r≖ T <u>o</u> ols≖ @≠ [≫]
	dministration Console			<u> </u>
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected t	::: DefaultDomain
View changes and restarts	Home >Summary of JDBC Data Sources			
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New JDBC Data Source			
modify, add or delete items in this domain.	Test Configuration Back Next Finish	Cancel		
Domain Structure	Test Database Connection			
DefaultDomain	Test the database availability and the connection p	properties you provided.		
Deployments ⊟-Services	What is the full package name of JDBC driver class u	used to create database connections in the connection pool?		
Messaging	(Note that this driver class must be in the classpath	of any server to which it is deployed.) •		
Data Sources				
	Driver Class Name:	oracle.jdbc.OracleDriver		
Persistent Stores	What is the URL of the database to connect to? The	e format of the URL varies by JDBC driver.		E
Foreign XDI ProvidersCherence Clusters URL: jdbc: orracle thin (2)10.10				
Work Contexts		Jube.oracle.mint@io.io.io		
How do I	What database account user name do you want to o	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 cr	reate database connections?		
System Status		password in the Password field instead of the Properties field below)		
Health of Running Servers				
Failed (0)	Password:	•••••		
Critical (0)	Confirm Password:			
Overloaded (0) Warning (0)	Commi Passworu.	••••••		
OK (1)	What are the properties to pass to the JDBC driver	when creating database connections?		
Properties:				
	user=FCPB1121			
What table name or SQL statement would you like to use to test database connections?				
	Test Table Name			

- 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 - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🕞 👻 👔 http://10.184.74.143:8888/console/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/	reatejdbcdatasource/test(💙 🐓 🗙 Google Powered Pandion Search 🖉 🗸
Ele Edit Yew Favorites Iools Help Ø MizAfae:	
🙀 🏟 🌈 Create a New JDBC Data Source - fcubs113_domain	🟠 🔹 🗟 👘 🖶 Bage 🗸 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server® Administration Console	Q 📤
Change Center	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Home > Summary of JDBC Data Sources Messages	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	
Lock & Edit Create a New JDBC Data Source	
Release Configuration Test Configuration Back Next Finish Cancel	
Domain Structure Test Database Connection	
fcubs 113. domain Test the database availability and the connection properties you provided.	
B)-Environment What is the full package name of JDBC driver class used to create database connections in the connection pool?	
Peployments (Note that this driver class must be in the classpath of any server to which it is deployed.)	
B Messaging	
Data Sources	
Persistent Stores Oriver Class Name: oracle.jdbc.OracleDriver	
Work Contexts What is the URL of the database to connect to? The format of the URL varies by JDBC driver.	
XML Registries	
JCOM JRL: jdbc:oraclethin:@10.10.10.	
Milest database account user name do you want to use to create database connections?	
while detablishe account data have do you want to date detablishe 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?	
(Note: for secure password management, enter the password in the Password field instead of the Properties field I	below)
System Status	
Health of Running Servers Password:	
Faled (0)	
Critical (0) Confirm Password:	
Overloaded (0)	
Warning (0) What are the properties to pass to the JDBC driver when creating database connections?	
OK (2)	
Properties:	
Done	Secol intranet 🔍 100% 👻 🛒

17. Click 'Next'.



The following screen is displayed:

🖉 Create a New JDBC Data Source - fcub	bs113_domain - WLS Console - Windows Internet Explorer	
😋 🕒 👻 http://10.184.74.143:8888/co	onsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdb	ocdatasource/selec 🛩 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help		
🚖 🏘 🌈 Create a New JDBC Data Source - I	fcubs113_domain	🏠 🔹 🔝 🕤 🖶 🖶 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	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source	
domain.	Back Text Finish Cancel	
Release Configuration	Select Targets	
Recease comparation	You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source wil a later time.	l be created but not deployed. You wil need to deploy the data source at
Domain Structure		
fcubs113_domain	Servers	
Deployments	✓ AdminServer	
⊕-Services ⊕-Messaging		
-Data Sources	ManagedServer1	
Persistent Stores		
Foreign JNDI Providers Work Contexts		
XML Registries	Back Next Finish Cancel	
XML Entity Caches		
COM		
Mail Sessions		
How do I		
Create JDBC generic data sources		
Create LLR-enabled JDBC data sources		
System Status	1	
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

lispiayea.						
Summary of JDBC Data Sources - fcub	s113_dor	nain - WLS Console - Windows Internet Ex	cplorer			- 6
🔆 🕞 🗸 🙋 http://10.184.74.143:8888/co	nsole/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataS	iourceTablePage	·	Google Powered Pandion Search	2
Ele Edit Yiew Favorites Tools Help • McAfee / •						
😭 🕸 🌈 Summary of JDBC Data Sources - fo	cubs113_do	main			🏠 🔹 🔝 🕤 🖶 🔹 📴 Bage 🕶 🎯 T	Tools 🔹
ORACLE WebLogic Server®	Administ	ration Console				Q
Change Center	🔒 Ho	me Log Out Preferences 🔤 Record Help	٩	v	Velcome, weblogic Connected to: fcubs113_do	omain
View changes and restarts	Home	>Summary of JDBC Data Sources				
Pending changes exist. They must be activated to take effect.	Summ	ary of JDBC Data Sources				
Activate Changes	Confi	guration Monitoring				
Undo All Changes						
Undo All Changes	A JD	BC data source is an object bound to the JNDI tree to ow a database connection from a data source.	hat provides database con	ectivity through a pool of JDBC connections. Applications	can look up a data source on the JNDI tree and then	n
Domain Structure						- 1
fcubs113 domain	This	page summarizes the JDBC data source objects that	have been created in this o	omain.		- 1
Environment						- 1
Deployments	Cus	tomize this table				- 1
B-Services	Data	Sources (Filtered - More Columns Exist)				- 1
Messaging Data Sources	Duto					- 1
Persistent Stores	Ne	w V Delete			Showing 1 to 3 of 3 Previous New	ext
Foreign JNDI Providers						
Work Contexts		Name 🗇	Туре	JNDI Name	Targets	
XML Registries			-			- 11
XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
jCOM Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	- 1
File T3		PCODSTISBIANCI	Generic	Jubchiguevosbrahon	Managedserver 1	41
How do I		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer	
	Net	w V Delete			Showing 1 to 3 of 3 Previous Net	ext
Create JDBC generic data sources Create JDBC GridLink data sources						
Create JDBC multi data sources						
Delete JDBC data sources						
 Delete JDBC multi data sources 						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						



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.

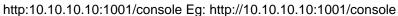
🕒 🕤 👻 🙋 http://10.184.74.143:8888/co	console/consr	ole.portal?_nfpb=true&_pageLab	el=http://10.184.74.143:8888/console/con	sole.portal?_nfpb=true&_pageLabel=GlobalJDI	BCDataSourc 🗹 🐓 🗙 Google Powered Pandion Search 🛛
ile Edit View Favorites Tools Help D McAfee					
🖌 🕸 🏾 🏉 Summary of JDBC Data Sources - I	fcubs113_d	Iomain			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🎯 Tgols
	[©] Adminis	stration Console			Q
Change Center	Ha	iome Log Out Preferences 🔤 🖡	Record Help		Welcome, weblogic Connected to: fcubs113_doma
View changes and restarts		e >Summary of JDBC Data Source	ces		
Click the Lock & Edit button to modify, add or delete items in this domain.	Messa	ages All changes have been activated. I	No restarts are necessary.		
Lock & Edit	Summ	nary of JDBC Data Sources			
	Conf	figuration Monitoring			
Data Sources Persistent Stores Foreign JNDI Providers Work Contexts XML Registries	Data	stomize this table ta Sources (Filtered - More Co k the <i>Lock & Edit</i> button in the C ew	olumns Exist) Change Center to activate all the buttons on	this page.	Showing 1 to 3 of 3 Previous Next
XML Entity Caches					
XML Entity Caches		Name 🖚	Туре	JNDI Name	Targets
jCOM Mail Sessions File T3		Name FCUBS113	Type Generic	JNDI Name jdbc/fcjdevDS	Targets ManagedServer1
Hail Sessions		-			
jCOM Mail Sessions File T3		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
How do L.		FCUBS113 FCUBS113Branch	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer1 ManagedServer1
COM Hel T3 Hours Hel T3 Hours Hel T3 Hours	Ne	FCUBS113 FCUBS113Branch FLEXTEST.WORLD	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer 1 ManagedServer 1 AdminServer
COM Hel T3 Hours Hel T3 Hours Hel T3 Hours	Ne	FCUBS113 FCUBS113Branch FLEXTEST.WORLD	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer 1 ManagedServer 1 AdminServer
Horizania (Contemporaria) Horizania (Contemporaria) Horizania Horizan	Ne	FCUBS113 FCUBS113Branch FLEXTEST.WORLD	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer 1 ManagedServer 1 AdminServer
More and a second a	Ne	FCUBS113 FCUBS113Branch FLEXTEST.WORLD	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer 1 ManagedServer 1 AdminServer
	Ne	FCUBS113 FCUBS113Branch FLEXTEST.WORLD	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer 1 ManagedServer 1 AdminServer

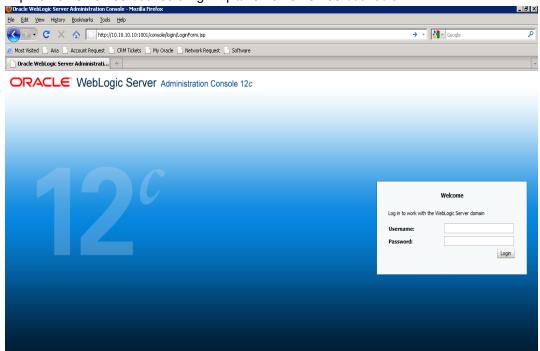
- **20.** The datasource has been created.
- **21.** Refer to "Resources_To_ Be_Created.doc" for the list of XA datasources to be created.



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.

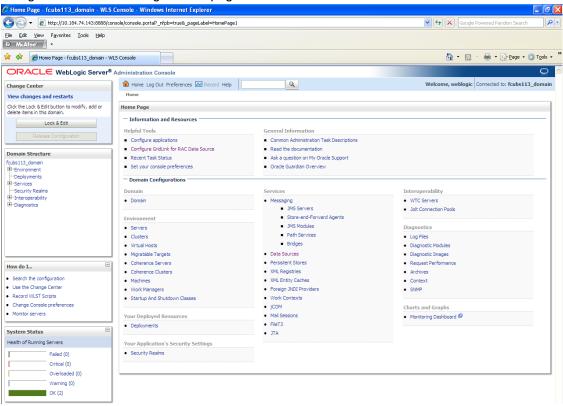




2. Specify the Weblogic administrator user name and password. Click 'Log In'.



3. Navigate to Oracle Weblogic home page.





The following screen is displayed:

Warning (0) OK (2)

Summary of JDBC Data Sources - fcub	os113_da	omain - WLS Console - Windows	nternet Explorer		
🗩 💽 👻 http://10.184.74.143:8888/cc	onsole/cons	sole.portal?_nfpb=true&_pageLabel=http	://10.184.74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	Google Powered Pandion Search
ile Edit View Favorites Iools Help D McAfee /					
🖌 🔅 🏈 Summary of JDBC Data Sources - f	cubs113_d	domain			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page 🕶 🎯 Tools
	Adminis	stration Console			Q
Change Center	🔒 🖻 н	Home Log Out Preferences 🔤 Record	Help	W	elcome, weblogic Connected to: fcubs113_doma
View changes and restarts	Hom	ne >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Sumn	mary of JDBC Data Sources			
domain.	Cont	figuration Monitoring			
Lock & Edit					
Release Configuration	bor	JDBC data source is an object bound to th rrow a database connection from a data s is page summarizes the JDBC data source	ource.	nnectivity through a pool of JDBC connections. Applications c ; domain.	an look up a data source on the JNDI tree and then
cubs113_domain					
Environment	🕞 Cu	istomize this table			
Deployments Services	Dat	ta Sources (Filtered - More Columns	Exist)		
Messaging			LADY .		
Data Sources Persistent Stores	In the	lew Y Delete			Showing 1 to 2 of 2 Previous Next
Foreign JNDI Providers		Name 🐵	Туре	JNDI Name	Targets
Work Contexts XML Registries		FCUBS113	Generic	idbc/fcidevDS	ManagedServer1
XML Entity Caches		1 10003115	Generic	Jubertejdevos	Manageuserveri
		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
-File T3	N	lew 🛩 🛛 Delete		•	Showing 1 to 2 of 2 Previous Next
tow 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					
	1				
System Status 📃	1				
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Concluded (0)					



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

Summary of JDBC Data Sources - fcub			le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🗸	47 X Google Powered Pandion Search
→ → ▲ http://10.184.74.143:8888/co ile Edit View Favorites Tools Help	onsole/console.portal/_ntpb=true&_pageLabel=http	://10.184.74.143:8888/console/conso	e.porta/_nrpb=true%_pageLabel=GlobaJDBCDataSourc	Google Powered Pandion Search
D McAfee' /				
🛊 🕸 🌈 Summary of JDBC Data Sources - f	fcubs113_domain			🐴 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🔹 🎯 Tools 🤹
	Administration Console			Q
Change Center	🔒 Home Log Out Preferences 🔤 Record	Help	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 domain.	Summary of JDBC Data Sources			
Lock & Edit	Configuration Monitoring			
Release Configuration	A JDBC data source is an object bound to th borrow a database connection from a data s This page summarizes the JDBC data source	source.	nnectivity through a pool of JDBC connections. Applications c domain.	an look up a data source on the JNDI tree and then
cubs113_domain				
Environment Deployments	Customize this table			
Services	Data Sources (Filtered - More Columns	s Exist)		
Messaging Data Sources	New 🕶 Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores	Generic Data Source	_		
Foreign JNDI Providers Work Contexts	GridLink Data Source	Туре	JNDI Name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
јСОМ	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Mail Sessions File T3	New V Delete	I	1	Showing 1 to 2 of 2 Previous Next
iow 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				
ystem Status]			
tealth of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
warning (u)				

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

🕒 🕒 • 👔 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobaUDBCDataSourcePortletreturnTo=GlobaUDBCDataSourceTablePage&Glob	balDBCDataSourceTablePortlethande=c 💟 😚 🗙 Uve Search 🖉
Ele Edit Yew Favorites Icols Help		
😫 🔗 🔹 🏀 FCUBSWiki - Enabling Debu	j 💋 Create a New JDBC Data 🗙	🚹 • 🔝 👘 🖶 🔂 Bage • 🕥 Tgols •
	Administration Console	Q
Change Center	A Home Log Out Preferences A Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FCUBS113 >Summary of Deployments >FCUBS113Dev >Summar	ry of Deployments >Summary of IDBC Data Sources >FCUBS113 >Summary of IDBC Data Sources
Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Activate Changes	Back Next Frien 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	Unacates required mos	
Deployments BriServices	vinat vioud you ike to name your new Jubic data source?	
Hessaging Data Sources	E Name: FCUBSDS	
Persistent Stores Foreign 3NDI Providers	What JNDI name would you like to assign to your new JDBC Data Source?	
Work Contexts	1 JNDI Name:	
XNL Reportes XNL Entry Caches 	jdbc/fojdevDS	
How do L.		
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What database type would you like to select?	
System Status 🖂	Database Type: Oracle	
Health of Running Servers	Back Next Finish Cancel	
Faled (0)		
Critical (0)	1	
Overloaded (0)		
Warning (0)		
OK (2)		



6. Specify the following details:

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

7. Click 'Next'.

create a new sobre bata source - reabstris_c	domain - WLS Console - Windows Internet Explorer	
💽 🗸 🖌 http://10.184.74.143:8888/console/cor	nsole.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/cre	reatejdbcdatasource/selec 💙 👉 🗙 Google Powered Pandion Search 🖉 🔹
Elle Edit <u>Vi</u> ew F <u>a</u> vorites <u>I</u> ools <u>H</u> elp • McAfee [•]		
😭 🏟 🌈 Create a New JDBC Data Source - fcubs113	_domain	🟠 🔹 🗟 🔹 📴 Eage 🗸 🎯 Tgols 🗸 🍟
ORACLE WebLogic Server® Admini	istration Console	Q 🗠
Change Center 🔒	Home Log Out Preferences 🚵 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Ho	me >Summary of JDBC Data Sources	
Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	tte a New JDBC Data Source Kiewick Finant Cancel DBC Data Source Properties Image: Cancel Cance	
Domain Structure Da	tabase Type: Orade	
Deployments Deployments Grivesaging Deployments Data Sources	at database driver would you like to use to greate database connections? Note: " indicates that the driver is expl tabase Driver: "Oracle's Driver (Thin) for Instance connections; Versions: 9.0.1 and later tabase Driver: Cancel Cancel	vicity supported by Oracle WebLogic Server.

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/com	$nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbc/datasources/$:datasource/selec 🗹 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit Yiew Favorites Iools Help McAfee		
😭 🍄 🌈 Create a New JDBC Data Source - fr	icubs113_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	
Release Configuration	Transaction Options	
Noicease 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.	
fcubs113_domain	Supports Global Transactions	
⊖-Services ⊕ Messaging	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions us Recommended in place of Emulate Two-Phase Commit.	sing the Logging Last Resource (LLR) transaction optimization.
Data Sources Persistent Stores Foreign JNDI Providers	O Logging Last Resource	
Work Contexts XML Registries	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global tran heuristic conditions.	sactions using JTA. Select this option only if your application can tolerate
jCOM Mail Sessions	Emulate Two-Phase Commit	
How do I	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions us other resources can participate in the global transaction.	sing the one-phase commit transaction processing. With this option, no
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit	
System 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	113_domain - WLS Console - Windows Internet Exp	lorer	
🚱 🗣 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOv	verride=/com/bea/console/actions/jdbc/dat	asources/createjdbcdatasource/addC 🚽 🐓 🗙 Google Powered Pandon Search 🛛 🔎 🔹
Ele Edit View Favorites Iools Help			
👷 🕸 🌈 Create a New JDBC Data Source - fo	:ubs113_domain		🟠 🔹 🗟 🔹 🖶 Bage 🖛 🎯 Tgols 👻
	Administration Console		Q 🍝
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
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 comparation	Define Connection Properties.		
Domain Structure	What is the name of the database you would like to connect t	to?	
fcubs113_domain	Database Name:	KERDEV2	
-Services	What is the name or IP address of the database server?		
Data Sources	Host Name:	10.10.10.10	
Persistent Stores Foreign JNDI Providers		10.10.10	
Work Contexts XML Registries	What is the port on the database server used to connect to the	he database?	
XML Entity Caches	Port:	1010	
	What database account user name do you want to use to cre	ate database connections?	
How do I	Database User Name:	FCPB1121	
Create JDBC generic data sources		I GEDTIZT	
Create LLR-enabled JDBC data sources	What is the database account password to use to create data	abase connections?	
System Status	Password:	•••••	
Health of Running Servers	Confirm Password:		
Failed (0)	Commin Password:	•••••	
Critical (0)	Back Next Finish Cancel		
Overloaded (0)			
Warning (0)	·		
OK (2)			



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

🖉 Create a New JDBC Data Source - fcubs1	13_domain - WLS Console - Windows Internet Ex	plorer		- 8×
	ole/console.portal?CreateGlobalJDBCDataSourcePortlet_action	Override=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/te	est 🔽 🔄 🗙 Google Powered Pandion Search	P •
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🚖 🔅 🧭 Create a New JDBC Data Source - fcu	bs113_domain		🟠 • 🖾 • 🖶 • 🔂 Page • 🌾	Fīgols • "
	dministration Console			Q 🌰
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113	domain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source			
domain.	Test Configuration Back Next Finish Cancel			
Release Configuration	Test Database Connection			
	Test the database availability and the connection properti	ts you provided.		
Domain Structure	What is the full package name of JDBC driver class used to	create database connections in the connection pool?		
fcubs113_domain	(Note that this driver class must be in the classpath of any	erver to which it is deployed.)		
	Driver Class Name:	oracle.jdbc.OracleDriver		=
Data Sources Persistent Stores	What is the URL of the database to connect to? The format	of the URL varies by JDBC driver.		
Foreign JNDI ProvidersWork ContextsXML Registries	URL:	jdbc:oracle:oci:@10.10.10		
XML Entity Caches	What database account user name do you want to use to c	reate database connections?		
Mail Sessions File T3	Database User Name:	FCPB1121		
How do I	What is the database account password to use to create di	tabase connections?		
Create JDBC generic data sources Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the passwo	rd in the Password field instead of the Properties field below)		
System Status	Password:	•••••		
Health of Running Servers	Confirm Password:	•••••		
Failed (0) Critical (0)	What are the properties to pass to the JDBC driver when c	eating database connections?		
Overloaded (0)	Properties:			
Warning (0) OK (2)	user=FCPB1121			
	The set of driver properties whose values are derived at ru	ntime from the named system property.		
	Sustam Deanastian			~
Done			Scal intranet 🔍	100% •

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



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Interne	t Explorer	
🔄 🕞 🗸 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_ac	ctionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/t	rest 🗸 😽 🗙 Google Powered Pandion Search 👂 🔹
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🚖 🎄 🌈 Create a New JDBC Data Source - fo	cubs113_domain		🦄 🔹 🔝 👘 🖷 🔛 Bage 🗸 🎯 Tgols 🗸 🎽
	Administration Console		Q 📤
Change Center	😭 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.		
Lock & Edit	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finish Can	ncel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the connection prop	perties you provided.	
B-Environment Deployments	What is the full package name of JDBC driver class user	d to create database connections in the connection pool?	
🖻 Services	(Note that this driver class must be in the classpath of a	any server to which it is deployed.)	
-Messaging -Data Sources			
***Persistent Stores	Driver Class Name:	oracle.jdbc.OracleDriver	
Foreign JNDI Providers Work Contexts	What is the URL of the database to connect to? The fo		
····XML Registries	What is the UKL of the database to connect tor The for	rmat of the UKL varies by JUBL onver.	
јСОМ	URL:	jdbc:oracle:oci:@10.10.10.	
Mail Sessions	What database account user name do you want to use		
How do I		to cleare bacabase connections:	
now do in	Database User Name:	FCPB1121	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to crea	te database connections?	
		assword in the Password field instead of the Properties field below)	
System Status	(note) to see a passion management, enter are pa	service in and indexing the index of and index of and index of any	
Health of Running Servers	Password:	•••••	
Failed (0)			
Critical (0)	Confirm Password:	•••••	
Overloaded (0)			
Warning (0) OK (2)	What are the properties to pass to the JDBC driver who	en creating database connections?	
01(1)	Properties: user=FCPB1121		
	USEP=FCFB1121		
			~
Done			Scolal intranet 🔍 100% 🔹



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

File Edit View Favorites Tools Help	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions//dbc/datasource	es/createjdbcdatasource/selec 🕙 😚 🗶 Google Powered Pandion Search 🖉
McAfee'		
🕻 🕸 🌈 Create a New JDBC Data Source - I	cubs113_domain	🟠 🔹 🗟 🝸 🖶 Page 👻 🎯 Tgols -
	Administration Console	Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the	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 dat a later time.	a source will be created but not deployed. You will need to deploy the data source at
Domain Structure		
cubs113_domain Environment	Servers	
Deployments	✓ AdminServer	
Ervices I → Messaging		
Data Sources	ManagedServer1	
Persistent Stores Foreign JNDI Providers		
Work Contexts	Back Next Finish Cancel	
XML Registries		
јСОМ		
Mail Sessions		
How do I		
Create JDBC generic data sources		
Create LLR-enabled JDBC data sources		
Evetem Statue		
system status		
tealth of Running Servers		
Failed (0) Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



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

Co v Phtp://10.184.74.143:8889/console/console.portal? nfpb=true%. pageLabel=GlobalDBCDataSourceTablePage					Google Powered Pandion Search	
ile Edit View Favorites Tools Help			oour corrubior ago			
McAfee' -						
🚖 🔅 🎉 🖉 Summary of JDBC Data Sources - fcubs113_domain					🟠 🔹 🔝 👘 🖶 🔹 🔂 Page 🔹 🎯 Tools	
	[®] Administra	ation Console			Q	
Change Center	Hom	ne Log Out Preferences 🔤 Record Help	٩	We	elcome, 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.	Summa	ry of JDBC Data Sources				
Activate Changes	Config	uration Monitoring				
 Activate changes 						
Undo All Changes	A JDB	C data source is an object bound to the JNDI tree t	that provides database con	nectivity through a pool of JDBC connections. Applications ca	in look up a data source on the JNDI tree and then	
	borrov	w a database connection from a data source.				
Domain Structure	This p	age summarizes the JDBC data source objects that	have been created in this d	omain.		
cubs113_domain						
Environment						
Deployments Services	Custo	omize this table				
Services Hessaging	Data	Sources (Filtered - More Columns Exist)				
Data Sources						
Persistent Stores	New	v ▼ Delete			Showing 1 to 3 of 3 Previous Next	
Foreign JNDI Providers		Name 🐟	Туре	JNDI Name	Targets	
Work Contexts						
Work Contexts XML Registries						
Work Contexts XML Registries XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
Work Contexts XML Registries XML Entity Caches GOM					-	
Work Contexts XML Registries XML Entity Caches		FCUBS113 FCUBS113Branch	Generic Generic	jdbc/fcjdevDS jdbc/fcjdevDSBranch	ManagedServer1 ManagedServer1	
Work Contexts Wull, Registries XML, Entity Caches JCOM Mail Sessions File T3					-	
- Work Contexts - XML Registries - YML Entity Caches - YGCM - Mal Sessions - File T3 * tow do L		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
-Work Contexts -Will, Entity Caches -Will, Entity Caches -Will, Entity Caches -Will Filt T3 -Work of LiFile T3 -Work of Li -Coreate JDBC generic data sources		FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Registries With Registries Work Entry Caches Work Sessions Work of L. Context: DBC Grinklink data sources Create: DBC Grinklink data sources		FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Movi Contexts Movi Context Support How do L Oreate JDBC Greduic data sources Oreate JDBC Greduic data sources		FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
How's Contexts		FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Registries With Registries With Registries Work Cathes Work Work Cathes Work Cathes Work Cathes Work Work Cathes Work Cathes Work Cathes Work Cathes Work Work Cathes Work Cathes Work Work Work Work Work Work Work Work Work		FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Respires With Respires With Respires With Respires With Respires Wall Sessions Hield Sessions Hield Sessions Hield Sessions Hield Sessions Work of L. Create JDBC Genetic data sources Create JDBC GridLink data sources Delete JDBC multi data sources Delete JDBC multi data sources	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Registries With Registries With Registries Work Cathes Gow Work Seasons File T3 Vow do Lu Create JDBC generic data sources Create JDBC GridLink data sources Create JDBC multi data sources Delete JDBC multi data sources Delete JDBC multi data sources Delete JDBC multi data sources	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Registries With Registries With Registries With Registries Work Contexts Work Context Work	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
How's Contexts How Contexts Create JDBC Grinklink data sources Oreate JDBC Grinklink data sources Delete JDBC Conduit data sources Delete JDBC	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
Work Contexts With Registries With Registries With Registries With Registries Work Contexts Work Context Work	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
How's Contexts How's Contexts How Contexts	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	
How Contexts Create JDBC Generic data sources Create JDBC Graduit data sources Create JDBC Graduit data sources Delete JDBC multi data sources	New	FCUBS 1138ranch FLEXTEST.WORLD	Generic	jdbc/fcjdevDSBranch	ManagedServer1 AdminServer	

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.

Ele Edit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp Ø McAfee [:]		
MCATEE	cubs113_domain	🛐 🔹 🔝 🐇 🖶 Page 🖌 🎯 Tgols
	Administration Console	0
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages Al changes have been activated. No restarts are necessary.	
Lock & Edit	Summary of JDBC Data Sources	
Release Configuration	Configuration Monitoring	
B - Services B - Messaging "Data Sources "Parisitent Stores "Persistent Stores "Foreign JND Providers "Work Contexts "Wurk Contexts "Wurk Registries YWL Rely Caches	Customize this table Data Sources (Filtered - More Columns Exist) Click the Lock & Editoution in the Change Center to activate all the buttons on this page. New Click the Lock & Editoution in the Change Center to activate all the buttons on this page.	Showing 1 to 3 of 3 Previous Next
jCOM Mail Sessions File T3	■ Name ↔ Type JHDI Name	Targets
How do I	FCUBS113 Generic jdbc/fcjdevDS	ManagedServer 1
Create JDBC generic data sources	FCUBS113Branch Generic Jdbc/fcjdevDSBranch	ManagedServer 1
Create JDBC GridLink data sources Create JDBC multi data sources	FLEXTEST.WORLD Generic FLEXTEST.WORLD	AdminServer
 Delete JDBC data sources Delete JDBC multi data sources 	New v Delete	Showing 1 to 3 of 3 Previous Next
System Status Health of Running Servers Failed (0) Critical (0) Overloaded (0)		

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



ORACLE WebLogic Server [®] Adr	ministration Cor	isole												Ç
Change Center	🟦 Home Log Out	Preference	es 📐 Record	Help			Q				Welcome, v	reblogic	Connected to	DefaultDom
View changes and restarts	Home >Summary (of Services: J	DBC >Summary	of JDBC	Data Sourc	es >fcjdevD	S >Summa	ry of Service	es: JDBC >Summ	nary of JDBC Data Sourc	es >fcjdevDS >Sumn	ary of JDB	IC Data Source	s >fcjdevDS
Configuration editing is enabled. Future shances will automatically be activated as you	Settings for fcjdevDS													
modify, add or delete items in this domain.	Configuration Targets Monitoring Control Security Notes													
Domain Structure	General Conn	ection Poo	I Transaction	Diag	gnostics	Identity Op	otions							
DefaultDomain	Save													
B→Services B→Messaging B→DBC →Persistent Stores →Foreign JNDI Providers		ted when th	e connection po	ool is reg	gistered, us	ually when	starting up			use, and then return t deploying the data so			ol and the con	nections
Coherence Clusters Work Contexts XML Registries	個 URL:	jdbc:oracle:oci:@10.10.10.1010:CPU11G2						The URL of the da JDBC driver. Mo	atabase to connect t re Info	o. The for	mat of the UR	L varies by		
COM Comparison Compar	街 Driver Class	Name:	oracle	.jdbc.(OracleDriv	/er				database connect	name of JDBC driver tions in the connecti sspath of any serve	on pool. (1	Note that this	driver dass
10W 00 1										7.1.1.6				
Orate JDPC data sources Orafigure testing options for a JDBC data source Configure the statement cache for a JDBC configure or advection pool Onfigure or edential mapping for a JDBC data source	ource Configure the statement cache for a JDBC ormection pool Configure credential mapping for a JDBC data						The list of properties passed to the JDBC driver that are used to creat physical distabase connections. For examples server -distance 1. List of property=value pair on a separate line. More Info		r1. List each					
System Status	街 Password:		••••	•••••	•••••						ribute passed to the ions. More Info	JDBC driv	ver when crea	ting physical
Health of Running Servers Failed (0)	Confirm Passwo	rd:	••••	•••••	•••••	•••								
Critical (0) Overloaded (0)	Initial Capacity		1							The number of ph pool. More Info	vsical connections t	o create w	hen creating t	the connection
Warning (0) OK (1)	Maximum Capa	city:	15							The maximum nur contain. More In	nber of physical con nfo	nections t	nat this conne	ction pool can
	Capacity Incre	nent:	1							The number of co connection pool.	nnections created w More Info	hen new (connections ar	e added to the
	👍 Statement	ache Type	e: LRU	•						The algorithm use statement cache.	d for maintaining th More Info	e prepare	d statements s	tored in the
	Statement Cad	ne Size:	200							The number of pr may increase serv	epared and callable /er performance.)	statement More Info	s stored in the	e cache. (This
	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'.

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://10.10.10.10.101/console Eg: http://10.10.10.101/console

Following screen is displayed:





ORACLE' WebLogic Server Administration Console 12c

- 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/d	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search 🖉
ile <u>E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp 7 McAfee / ▼			
🗧 🏟 🌈 Home Page - fcubs113_domain - '	WLS Console		🟠 👻 📾 👻 📑 Page 👻 🎯 Tools 🤜
	⁸ Administration Console		Q
Change Center	🙆 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
LOCK & EDIT	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 	
cubs113_domain =-Environment	Set your console preferences	Oracle Guardian Overview	
Deployments	- Domain Configurations		
Services Security Realms	Domain	Services	Total and the second seco
-Interoperability			Interoperability
-Diagnostics	Domain	Messaging JMS Servers	WTC Servers Idit Connection Pools
		 Store-and-Forward Agents 	 Jolt Connection Pools
	Environment	MS Modules	
	Servers	Path Services	Diagnostics
	Clusters Virtual Hosts	 Bridges 	Log Fles
	Virtual Hosts Migratable Targets	Data Sources	Diagnostic Modules
		Persistent Stores	Diagnostic Images Request Performance
low do I	Coherence Servers Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Registres XML Entity Caches	Context
Use the Change Center	Work Managers	Foreign JNDI Providers	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	- 500.0
Change Console preferences	Startup And Shotdown Classes	100 COM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
ystem Status	Deployments	 FileT3 ITA 	
Health of Running Servers	Your Application's Security Settings	• JA	
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Following screen is displayed:



Summary of JMS Servers - fcubs113_c	Iomain - WLS Console - Windows Internet Explorer					
	isole/console.portal?_nfpb=true&_pageLabel=JmsServerJMSServerTablePage	🖌 🗲 🗙 Google Powered Pandion Search 🖉 🔹				
Ele Edk Yew Favorites Iools Help O Macheer i -						
🛊 💠 🥖 Summary of 1M5 Servers - Foubs 113_domain - WLS C 🍡						
	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					
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers					
Lock & Edit Release Configuration	JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLogic Server domain.					
Domain Structure foube113_domain Foube113_domain Foupowents Services Generate	Customize this table JHS Servers (Filtered - Hore Columns Exist) Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.					
		Showing 0 to 0 of 0 Previous Next				
···Store-and-Forward Agents	Name <> Persistent Store Target 0	Current Server Health				
Path Services ⊡-Bridges	There are no items to display					
Data SourcesPersistent StoresForeign JNDI ProvidersWork Contexts	New) Delete	Showing 0 to 0 of 0 Previous Next				
How do I						
Configure 3MS servers Configure 3MS system modules System Status Paleth of Running Servers Falet (0) Critical (0) Overloaded (0)						
Warning (0) OK (2)						

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

🖉 Summary of JMS Servers - fcubs113_domain - WLS Console - Windows Internet Explorer 🖉 🗐 🔀							
	nsole/console.portal?_nfpb=true&_pageLa	abel=JmsServerJMSServerTablePage		🗸 🐓 🗙 Google Pov	vered Pandion Search		
Elle Edit Yolew Fgwarites Ijods Help O McAfee // -							
😭 🏟 🏀 Summary of JMS Servers - fcubs113	🛊 🏟 🍯 Summary of 2MS Servers - Ecubs113. domain - WLS C 🔤						
	Administration Console				Q 🗠		
Change Center	🙆 Home Log Out Preferences 🔤	Record Help		Welcome, weblogic Co	nnected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Source	es >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	-	ntainers for the queues and topics in JMS modules that ers that have been created in the current WebLogic Se	-				
Release Configuration		and the second care of the care in the bloge de					
Domain Structure	Customize this table						
fcubs113_domain	JMS Servers (Filtered - More Co	olumns 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		There a	are no items to display				
JMS Modules	New Delete			Showing	0 to 0 of 0 Previous Next		
E Bridges							
Persistent Stores							
Foreign JNDI Providers Work Contexts							
How do I							
Configure JMS servers							
Configure JMS system modules							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0) OK (2)							
(4)							



6. Click 'New'.

🏉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows In	ternet Explorer	X
🚱 🕞 👻 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabe	=JmsServerCreateJMSServer&JmsServerCreateJMSServerPortlet_actionC	verride=/com/bea/console/ 🗸 47 🗙 Google Powered Pandion Search 👂 🔹
File Edit View Favorites Tools Help			
O McAfee -			
😤 🏘 🌈 Create a New JMS Server - fcubs11	13_domain - WLS C		🟠 🔹 🔜 👻 🖶 Page 🗙 🎯 Tools 🔹 🎽
ORACLE WebLogic Server®	Administration Console		Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Re	ecord 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		
Release Configuration	JMS Server Properties		
Release configuration	The following properties will be used to	identify your new JMS Server.	
Domain Structure	* Indicates required fields		
fcubs113_domain	What would you like to name your new .	JMS Server?	
Deployments	- B +		
⊕-Services ⊕-Messaging	🤁 * Name:	FCUBS_JMSServer	
JMS Servers	Specify persistent store for the new JMS	- Conver	
····Store-and-Forward Agents	Specify persistent store for the new site	5 SE VE .	
	Persistent Store:	(none) V Create a New Store	
⊕-Bridges			
Data Sources	Back Next Finish Cancel		
Persistent Stores Foreign JNDI Providers			
Work Contexts			
How do I			
Configure JMS system modules			
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.
JMS Server Name	



8. Click 'Create a new Store' button. The following screen is displayed.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/newStore	Google Powered Pandion Search
Ele Edit View Favorites Tools Help		
😭 🍄 🍘 Create a New JMS Server - fcubs1	13_domain - WLS C	🟠 🔹 🔝 👘 🖶 🔛 Bage 🗸 🎯 Tgols 🗸
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Hame Lag Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JMS Server	
domain.	Back Next Finsh Cancel	
	Select a store type.	
Release Configuration	Please select the type of store you wish to create from the list.	
Domain Structure	Type:	
fcubs113_domain		
Deployments	Back Next Finish Cancel	
⊕-Services		
-Messaging		
Store-and-Forward Agents		
JMS Modules		
Path Services		
Bridges Data Sources		
Persistent Stores		
Foreign JNDI Providers		
Work Contexts		
How do I		
 Configure JMS system modules 		
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

9. Select 'File Store' as the type and click 'Next'.

Following screen is displayed:

	dministration Console 12c	
Change Center	🟦 Home Log Out Preferences 🖾 Record Help	Welcor
View changes and restarts	Home >Summary of Security Realms >Summary of Persistent Stores >PCUBSFIEStore >Summary of Persistent Stores	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New File Store Bits: Next Finish Cancel File Store Properties The following properties will be used to identify your new file store.	
Domain Structure	* Indicates required fields	
PM122ITR2		
Domain Partitions P-Environment Deployments E-Services	What would you like to name your new file store? * Name: FileStore-0	
"Messaging "Data Sources "Persistent Stores "Foreign JNDI Providers "Work Contexts	What scope do you want to create your jms file store in ? Scope: Global 💌	
XML Registries XML Entity Caches JCOM Mail Sessions	The pathname to the directory on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab. Directory: C/FCUBS_FileStore ×	
How do I	Back Next Finish Cancel	
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.
 - Select a server. For this file store, you may select ManagedServer1 (created by the user).
 - Specify the Filestore Directory path as C:/FCUBS_FileStore.



• Click 'OK'.

The following screen is displayed with message 'File store created successfully'. - 7 🛛 🚱 🕤 💌 🔊 http://10.184.74.143:8888/console/console/portal?3msServerCreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/stores/create/msfilestore/finish Google Powered Pandion Se 0. Elle Edit <u>View</u> F<u>a</u>vorites <u>T</u>ools <u>H</u>elp O McAfee⁻ 😭 🏟 🎉 Create a New JM5 Server - fcubs113_domain - WLS C... 🟠 • 🔊 - 🖶 • 🗗 Bage • 🎯 Tools • 🎽 Change Center View changes and restarts Pending changes exist. They must be activated to take effect. 0 Welcome, weblogic Connected to: fcubs113_domain Activate Changes Create a New JMS Server Undo All Changes Back Next Finish Cancel
 Domain Structure

 foubs113_domain

 ⊕ Environment

 → Deployments

 → Services

 ⊕ How do La

 ⊕ Sources

 ⊕ Portigon

 → Path Services

 ⊕ How do La

 ⊕ Toreign JNDI Providers

 → Work Contexts
 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? 街 * Name: FCUBS_JMSServer Specify persistent store for the new JMS Server. Persistent Store: FCUBS FileStore V Create a New Store Back Next Finish Cancel -How do I... Configure JMS system modules Configure custom persistent stores System Status = Health of Running Servers Failed (0) Critical (0) Overloaded (0) -Warning (0) ОК (2)

11. Click 'Next'.



~ · · · · · · · · · · · · · · · · · · ·	omain - WLS Console - Windows Internet Explorer sole/console.portal?ms5erverGreate.MS5erverPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/selextTargets	Google Powered Pandion Search	
le Edit View Favorites Iools Help			
McAfee'			
🕻 🏟 🌈 Create a New JMS Server - fcubs11:	3_domain - WLS C	🟠 🔹 🔝 👘 🖶 🖬 Page 🔹 🎯	T <u>o</u> ols 👻
	Administration Console		Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_c	omain
/iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers		
Pending changes exist. They must be activated to take effect.	Create a New JMS Server		
Activate Changes	Back Next Finish Cancel		
Undo All Changes	Select targets		
omain Structure	Select the server instance or migratable target on which you would like to deploy this JMS Server.		
Lubs 113_domain Pervices Pervices Messaging Services Messaging Services Parts Fervices Prote Services Perstent Stores Vork Contexts Configure 2NS system modules Configure 2NS system modules Configure 2NS system modules	Target: ManagedServeri V Back, Next Finan Cancel		
System Status			
Health of Running Servers			
Faled (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

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

Summary of JMS Servers - fcubs113_d	domain - WLS Console - Windows Internet E	xplorer			EB
G - E http://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true&_pageLabel=JmsServ	erJMSServerTablePage		Google Powered	Pandion Search
Eile Edit View Favorites Iools Help • McAfee // •					
🚖 🔅 🌈 Summary of JMS Servers - fcubs113	3_domain - WLS C			🙆 = 🖻 = 🖶	🔹 🔂 Page 👻 🎯 Tools 🔹
	Administration Console				Q
Change Center	🙆 Home Log Out Preferences 🔤 Record Help	p		Welcome, weblogic Connect	ed 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 JMS Server created successfully				
 Activate Changes 	Summary of JMS Servers				
Undo All Changes Domain Structure fcubs113_domain D T D T D T D D D D D D D D D D D D D	JMS servers act as management containers for t This page summarizes the JMS servers that have		-		
Deployments	Customize this table				
⊖-Services ⊖-Messaging	JMS Servers (Filtered - More Columns Exis	+)			
<u>JMS Servers</u>		()			
Store-and-Forward Agents	New Delete			Showing 1 to 1	l of 1 Previous Next
Path Services	🔲 Name 🗞	Persistent Store	Target	Current Server	Health
Bridges Data Sources Persistent Stores	FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
	New Delete			Showing 1 to 1	Lof 1 Previous Next
100 00 1					
Configure JMS servers Configure JMS system modules					
Comigure and system modules					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
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 - WLS Console - Windows Internet Explorer 📃 🖻 🔀								
😋 🕤 👻 http://10.184.74.143:8888/cor	isole/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search						
Eile Edit Yiew Favorites Tools Help								
🙀 🎄 🄏 JMS Modules - fcubs113_domain - V	VLS Console	🏠 🔹 🖾 🔹 🖶 🔹 🔂 Page 🕶 🎯 T <u>o</u> ols 🗸 🁋						
	Administration Console	Q						
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD	>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	3MS system resources are configured and stored as modules smillar to standard 3ZEE modules. Such resources include queues, topics, distributed queues, distributed topics, foreign servers, and 3MS store-and-forward (SAF) parameters. You can administratively configur resources.	connection factories, templates, destination keys, quota, e and manage JMS system modules as global system						
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.							
fcubs113_domain	Customize this table 3H5 Hodules							
⊖-Services ⊖-Messaging	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.							
		Showing 0 to 0 of 0 Previous Next						
⊡Path Services ⊡Bridges	Name 🗞 Type							
Data Sources Persistent Stores	There are no items to display							
Foreign JNDI Providers		Showing 0 to 0 of 0 Previous Next						
How do I								
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)								



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

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	3 🗙
🚱 🗸 🖉 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage 💙 😝 🗙 🛛 Google Powered Pandon Search	. م
File Edit Yiew Favorites Tools Help • McAfee /		
👷 🏟 🌈 JM5 Modules - fcubs113_domain - V	MLS Console 👘 🔹 🔂 👘 👘 🛃 Page 🗸 🎲 Took	s - "
	Administration Console	<u>^</u>
Change Center	🏫 Home Log Out Preferences 🔝 Record Help	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Bodules	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JHS Hodules	
Lock & Edit Release Configuration	2MS system resources are configured and stored as modules similar to standard JZEE 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 Environment Deployments	© Customize this table JHS Modules	
Services B-Messaging	New Delete Showing 0 to 0 of 0 Previous Next	
JMS Servers Store-and-Forward Agents JMS Modules	□ Name ↔ Type	
Path Services	There are no items to display	
B-Bridges Data Sources Persistent Stores Foreion JND Providers	New Delete Showing 0 to 0 of 0 Previous Next	
Work Contexts		-
How do I		
Configure JMS system modules		
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
ОК (2)		

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

Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer				
💽 🕞 👻 🙋 http://10.184.74.143:8888/com	rsole/console.portal?CreateJMS5ystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortlethandle=c	com.bea.console.handles. JI 👻 🔄 🔀 Google Powered Pandion Search 🖉 🔹			
Ele Edit Yiew Favorites Iools Help					
😪 💠 🍘 Create JMS System Module - fcubs1	113_domain - WLS	🟠 🔹 🗟 🔹 🖶 Page 🕶 🎯 Tgols 🔹 🂙			
	Administration Console	Q 🖉			
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources	as >FLEXTEST.WORLD >Summary of JMS Servers > JMS Modules			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create 3H5 System Hodule Bick Frish Cancel				
Lock & Edit Release Configuration	The following properties will be used to identify your new module.	furte manage tonice concertion factorian terrolates destination laws curta			
Domain Structure fcubs113_domain ①-Environment	ubs113_domain resources. PErwormment "Indicates required fields Deployments "Indicates required fields				
Services					
Messaging JMS Servers	What would you like to name your System Module?				
Store-and-Forward Agents JMS Modules	*Name: FCUBS_SystemModule				
Path Services 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				
Work Contexts	Where would like to place the descriptor for this System Module, relative to the jms configuration sub-directory of	your domain?			
How do L	Location In Domain:				
Configure JMS servers	Back Next Frish Cancel				
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
Wahl only Service Versions 10.2.4.0					



Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

4. Click 'Next'.

The following screen is displayed.

🖉 Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer	
O + Inttp://10.184.74.143:88888/con	sole/console.portal?CreateJMS5ystemModulePortlet_actionOverride=/com/bea/console/actions	jms/modules/system/createmodule/selectTargets 💌 🐓 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹
Elle Edit View Favorites Iools Help		
😭 🏟 🌈 Create JMS System Module - fcubs1	13_domain - WLS	🟠 👻 📾 👻 🔂 Page 👻 🎯 Tgols 👻
	Administration Console	Q 🔤
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Sum	ary 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 domain. Lock & Edit Release Configuration	Create JHS System Hodule Back Next Final The following properties will be used to target your new JHS system module Use this page to select the server or cluster on which you would like to deploy this JMS sy	
Domain Structure	Use this page to select the server or cluster on which you would like to deploy this units sy	item module, fou can reconfigure targets later if you wish.
fcubs113_domain ▲ ⊕ Pervorments → → Deployments ⊕ ⊕ Arrives → ⊕ Arrives → → MS Servers → → MS Modules → → Brokges ⊕ → Brokges → → Dest Servers → → → → → <	Targets : Servers AdminServer ManagedServer1 Back Next Frish Cancel	
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	B_domain - WLS Console - Windows Internet Exp	lorer		<u> </u>
🚱 🕞 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?CreateJMSSystemModulePortlet_actionC	Override=/com/bea/console/actions/jms/modu	les/system/createmodule/newResource 🕑 🐓 🗙 Google Powered Pandion Search	۰ ۹
Eile Edit Yiew Favorites Iools Help O McAfee				
😭 🏟 🌈 Create JMS System Module - fcubs	113_domain - WLS		🚹 👻 📾 👻 🔂 Page + 🎯 Tools	s • »
	Administration Console			
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 >FLEXTEST.WOR	RLD >Summary of JMS Servers >Summary of JDI	3C Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure Fobs113_domain			e after it is created. JMS resources include queues, topics, connection factories, etc.	
Bit Environment Deployments Bit Services Streamd-Forward Agents MS Nobules Path Services Bit Secres Data Sources Mensett Stores Mensett Stores Monders Monders	Would you like to add resources to this JHS Back Flext Finah Cancel	S system module?		
How do I Configure JMS system modules Configure JMS servers				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0) Overloaded (0)				
Warning (0)				
ОК (2)				
	1			

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

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
🕞 🕞 👻 🙋 http://10.184.74.143:8888/col	nsole/console.portal?_nfpb=true8_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
File Edit View Favorites Tools Help O McAfee +		
😭 🏟 🎉 JM5 Modules - fcubs113_domain - V	VLS Console	🟠 👻 📾 👻 🖶 Rage 🕶 🎯 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 Pending changes exist. They must be activated to take effect.	Home > Summary of JDBC Data Sources > FLEXTEST. WORLD > Summary of JMS Servers > Summary of JDBC Data Sou Messages	urces >FLEXTEST.WORLD >Summary of IMS Servers >JMS Modules
Activate Changes Undo Al Changes Undo Al Changes Domain Structure foub:113.domain Demonoment Dedovments Dedovments Dedovments Dedovments Dedovments	3MS Hodules 3MS system recources are configured and stored as modules similar to standard 32EE modules. Such resources distributed queues, distributed topics, foreign servers, and 3MS store-and-forward (SAP) parameters. You can resources. This page summarizes the 3MS system modules that have been created for this domain.	s include queues, topics, connection factories, templates, destination keys, quota, administratively configure and manage 3KS system modules as global system
MessagingJMS ServersStore-and-Forward Agents <u>JMS Modules</u>	Customize this table 3H5 Modules New, Detete	Showing 1 to 1 of 1 Previous Next
Path Services B-Bridges Data Sources Persistent Stores		Туре
How do L	FCU85_systemModule New, Defete	System Showing 1 to 1 of 1 Previous Next
Configure MS system modules Configure resources for JMS system modules System Status Health of Running Servers Critical (0) Critical (0) Overloaded (0) Warning (0) OK (2)		

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



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

C JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer				
🚱 🕤 👻 🖉 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8886	/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search		
Elle Edit View Favorites Iools Help					
😭 🏟 🎉 JMS Modules - fcubs113_domain - V	MLS Console		🏠 🔹 🔝 👘 🖶 🔹 🔂 Page 🔹 🍈 Tools 🔹		
ORACLE WebLogic Server®	Administration Console		Q		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	We	connected to: fcubs113_domain		
View changes and restarts Click the Lock & Edit button to modify, add or delete items in this domain.	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary Messages	of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary	γ of JMS Servers > JMS Modules		
Lock & Edit	JMS Modules				
Domain Structure foubs113_doman ▲ ⊕"Envices → ⊕"Services → ⊕"Ass Servers → →=>>> Servers →	MS 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, distributed queues, distributed, distr				
<u>JMS Modules</u>	Click the <i>Lock & Edit</i> button in the Change Center to activate all th	e buttons on this page.			
Path Services ⊡Bridges			Showing 1 to 1 of 1 Previous Next		
Data SourcesPersistent StoresForeign JNDI Providers	Name 🔅		Туре		
H-Work Contexts	FCUBS_SystemModule		System		
How do I • Configure JMS system modules	New Delete		Showing 1 to 1 of 1 Previous Next		
Configure resources for JMS system modules					
System Status Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0) OK (2)					
· · · · · · · · · · · · · · · · · · ·					

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:

🔆 🕤 🗸 🙋 http://10.184.74.143:8888/con	le/console.portal?_nfpb=true&_pageLabel=http://10.184.74.1	143:8888/console/console.portal?_nfpb=true&_pageLabel=h	ktp://10.184.74.143 👻 🐓 🗙 Google Powered Pandion Search 🛛
ile Edit View Favorites Tools Help D McAfee / -			
🔶 🏟 🌈 JM5 Modules - fcubs113_domain - W	5 Console		🐴 👻 📾 👻 🖶 Page 🕶 🎯 Tools
	Iministration 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 >S	Summary of JMS Servers >Summary of JDBC Data Sources >FLE	EXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules		
Lock & Edit Release Configuration	IMS system resources are configured and stored as module distributed queues, distributed topics, foreign servers, and resources. This page summarizes the IMS system modules that have be	d JMS store-and-forward (SAF) parameters. You can administr	ueues, topics, connection factories, templates, destination keys, quota, ratively configure and manage JMS system modules as global system
Domain Structure			
Evisita_domain Evisita_domain Evisitant Evisitant Evisitant Evisitant	Customize this table JHS Hodules New Delete		Showing ito 1of 1 Previous Next
JMS Servers Store-and-Forward Agents JMS Modules	🔲 Name 🗞		Туре
Path Services Parkages "Data Sources "Persistent Stores "Foreign IND Providers "Work Contexts "	FCUBS_SystemModule		System Showing 1 to 1 of 1 Previous Next
How do I			
Configure JMS system modules Configure resources for JMS system modules			
System Status			
Health of Running Servers			
Faled (0) Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

- 2. Click 'Lock & Edit' button.
- **3.** Select the JMS module created earlier.

🖉 Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console -	Windows Internet Explorer					
🕒 🗸 🖉 🖌 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLa	bel=JMSSystemModuleConfigGeneralPage&handle=co	n.bea.console.handles.JMXHandle%28%22com.b 🌱	Google Powered Pandion Search			
File Edit Yiew Favorites Iools Help							
🚖 🏟 🏀 Settings for FCUBS_SystemModule -	- fcubs113_domai			🟠 🔹 🔝 🝸 🖶 👻 📴 Bage 🔹 🎯 Tools 🔹 🎽			
	Administration Console			Q			
Change Center	🙆 Home Log Out Preferences 🔤	Record Help	w	elcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Hone > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules > FCUBS_SystemHodule						
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModu	le					
domain.	Configuration Subdeployments	Targets Security Notes					
Release Configuration	This page displays general informat	ion about a JMS system module and its resources. It al	o allows you to configure new resources and access	existing resources.			
Domain Structure fcubs113 domain	Name:	FCUBS_SystemModule	The name of this JMS sy	stem module. More Info			
fcubs113_domain	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS mo	dule descriptor file. More Info			
Services							
Messaging Mossevers Store-and-Forward Agents Jone Store-and-Forward Agents Jone Store-ices B-Bridges Data Sources		urces that have been created for this JMS system mod nations, foreign servers, and store-and-forward param		n factories, JMS templates, destination sort keys,			
Persistent Stores	New Delete			Showing 0 to 0 of 0 Previous Next			
Work Contexts	🔲 Name 🔅	Type JNDI Name	Subdeployment	Targets			
Now do 1		There	are no items to display				
Configure JMS system modules Configure subdeployments in JMS system	New Delete			Showing 0 to 0 of 0 Previous Next			
Configure resources for JMS system modules							
Sustam Status							
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 - Windows	internet Exp	plorer				- 7 🛛
🚱 🕤 👻 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=t	true&_pageLabel=JMSSys	emModuleSubl	DeploymentTabPage	8handle=com.bea.console.handles.JM	1XHandle%28%22	🗙 🖌 关 🛛 Google Powered Pandion Sea	rch 👂 🔹
Eile Edit Yiew Favorites Iools Help								
😭 🏟 🏉 Settings for FCUBS_SystemModule -	- fcubs113_domai						🟠 🔹 🔝 🕤 🖶 🔹 🔂 Bage	• 🎯 T <u>o</u> ols • »
	Administration Console	9						Q 🔤
Change Center	Home Log Out Pref	ferences 🔛 Record Hel	P	٩			Welcome, weblogic Connected to: fcubs	113_domain
View changes and restarts	Home >Summary of JDB Modules >FCUBS_Syste	3C Data Sources >FLEXTEST emModule	WORLD >Sum	mary of JMS Servers	>Summary of JDBC Data Sources > FLEX	TEST.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_Sy	ystemModule						
Lock & Edit	Configuration Subde	eployments Targets	Security I	Notes				
Release Configuration		deployments created for a I to a server resource (suc				dule resources (su	ch as queues, topics, and connection factories)	are
Domain Structure								
fcubs113_domain	Customize this tab	le						
Deployments	Subdeployments							
⊡-Services ⊖-Messaging	New Delete						Showing 0 to 0 of 0 Previo	us Next
JMS Servers	□ Name ↔			Resources			Targets	
JMS Modules				Resources			Targets	
Path Services ⊡-Bridges					There are no items to display			
Data Sources	New Delete						Showing 0 to 0 of 0 Previo	us Next
Persistent Stores Foreign JNDI Providers								
How do I								
 Configure subdeployments in JMS system modules 								
Configure JMS system modules								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

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

Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
	sole/console.portal?JmsSystemModuleCreateSubDeploymentPortletreturnTo=JMSSystemModuleSubDeployment1	fabPage&JM55ystemModuleSubDe 🗸 🍫 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit Yiew Favorites Iools Help • McAfee •		
😤 🏟 🌈 Create a New Subdeployment - fcub	s113_domain - W	🟠 🔻 🗟 👻 🖶 Bage 🕶 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console	Q 🖉
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule	Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Subdeployment Properties	
Domain Structure	The following properties will be used to identify your new subdeployment.	
fcubs113_domain	* Indicates required fields	
Environment	*****	
Deployments	* Subdeployment Name: FCUBS	
⊖-Services ⊖-Messaging		
JMS Servers	Back Next Finish Cancel	
Store-and-Forward Agents		
··· JMS Modules		
Path Services		
B-Bridges Data Sources		
Persistent Stores		
Foreign JNDI Providers		
Work Contexts		
How do I		
 Configure subdeployments in JMS system modules 		
System Status		
-		
Faled (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	
	nsole/console.portal?JmsSystemModuleCreateSubDeploymentPortlet_actionOverride=/com/bea/console/actions/jms/m	nodules/system/createsubdep 🛛 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee [•]		
🚖 💠 🌈 Create a New Subdeployment - fcu	bs113_domain - W	🏠 🔹 🗟 🔹 🖶 Bage 🗉 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sour Modules >FCUBS_SystemModule	rces >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	Targets	
Domain Structure	Please select targets for the Subdeployment	
fcubs113_domain	Servers	
Environment		
Deployments Services	ManagedServer1	
⊕-Messaging		
JMS Servers	JMS Servers	
Store-and-Forward Agents	FCUBS_JMSServer	
Path Services		
Interpretation → Bridges		
Data Sources Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers		
How do I		
 Configure subdeployments in JMS system modules 		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

- 7. Select the JMS Server (as created by the user).
- 8. Click 'Finish' button.



9. Following screen is displayed.

🖉 Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Windows II	iternet Explorer			
	sole/console.portal?_nfpb=true&_pageLabel=JMSSyste	mModuleSubDeploymentTabPage	Google Powered Pandion Search		
Elle Edit View Favorites Iools Help					
😪 🏟 🏾 🏉 Settings for FCUBS_SystemMadule -	- fcubs113_domai		🛐 👻 🔝 👘 👘 📴 Bage 👻 🎯 Tools 🗸		
	Administration Console		Q		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST. Modules >FCUBS_SystemModule	NORLD >Summary of JMS Servers >Summary of JDBC Data Source	is >FLEXTEST.WORLD >Summary of JMS Servers >JMS		
Pending changes exist. They must be activated	Messages				
to take effect.	Subdeployment created successfully.				
Activate Changes	Settings for FCUBS SystemModule				
Undo All Changes		Security Notes			
Domain Structure	Configuration Subdeployments Targets	Security Notes			
⊕ Environment ⊡eployments ⊕-Services ⊕-Messaging NSS Servers Structure-and-Forward Agents NS Modules	The page diaplays subdedpolyments created for a XMS system module. A subdedpolyment is a mechanism by which XMS module resources (such as queues, topics, and connection factories) are grouped and targeted and targ				
Path Services Bridges Data Sources	□ Name ↔	Resources	Targets		
Persistent Stores					
Foreign JNDI Providers Work Contexts	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 Falet of Running Servers Critical (0) Critical (0) Overloaded (0) Warning (0) OK (2)					

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

Settings for FCUBS_SystemModule - fc	ubs113_d	omain - WLS Console - W	/indows Inter	net Explorer					- 7 🛛
😋 🕤 👻 http://10.184.74.143:8888/cor	nsole/console	.portal?_nfpb=true&_pageLab	el=http://10.184	.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLab	el=JMSSystemModuleSut 🔽	🔸 🗙 Google	Powered Pandion Search	P •
Ele Edit Yiew Favorites Iools Help O McAfee* +									
😭 🏘 🏀 Settings for FCUBS_SystemModule -	- fcubs113_d	omai					🙆 • 🖻	- 🖶 - 🔂 Page - 🤅	🕽 T <u>o</u> ols 🔹 🎇
	Administra	ation Console							Q 🗠
Change Center	Home Home	e Log Out Preferences 🔤 R	tecord Help		Q	Web	ome, weblogic	Connected to: fcubs113	_domain
View changes and restarts		Summary of JDBC Data Sources s >FCUBS_SystemModule	>FLEXTEST.WOR	LD >Summary of	JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary	of JMS Servers >JM:	S	
Click the Lock & Edit button to modify, add or delete items in this domain.	Message	25							
Lock & Edit	🖋 All o	hanges have been activated. I	No restarts are n	ecessary.					
Release Configuration	Settings	for FCUBS_SystemModule							
	Configur	ration Subdeployments	Targets Sec	urity Notes					
Domain Structure fcubs113 domain									
Brivronment Deployments Services Messaging Messaging Store-and-Forward Agents T-3MS Modules Services	groupe Custo Subde	age displays subdeployments or ed and targeted to a server res omize this table ployments e <i>Lock & Edit</i> button in the Cl	ource (such as J	MS servers, ser		15 module resources (such as q	eues, topics, and	connection factories) are	
i⊞-Bridges ⊡Data Sources	New	Delete					Show	ing 1 to 1 of 1 Previous	Next
Persistent Stores Foreign JNDI Providers		Name 🐟		Resources		Targets			
- Work Contexts		FCUBS				FCUBS_JMSServer			
How do I Configure subdeployments in JMS system	New	Delete					Show	ing 1 to 1 of 1 Previous	Next
Configure JMS system modules									
- Comgare ship system modules									
System Status									
Health of Running Servers									
Faled (0)									
Critical (0)									
Overloaded (0)									
Warning (0)									
OK (2)									



7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console -	Windows Internet	Explorer			
😋 🕞 👻 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pagel	abel=JMSSystemModule(ConfigTabPage&JMSSystemModule	ConfigGeneralPortlethandle=com.bea.console	🔽 😽 🗙 Google Pi	owered Pandion Search
Eile Edit Yiew Favorites Tools Help						
😭 🏟 🏀 Settings for FCUBS_SystemModule	- fcubs113_domai				🗿 • 🔊 ·	🖶 🔹 🔂 Page 👻 🍈 Tgols 🔹
ORACLE WebLogic Server®	Administration Console					Q
Change Center	🙆 Home Log Out Preferences 🔺	Record Help	Q		Welcome, weblogic	onnected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Soun Modules >FCUBS_SystemModule	es >FLEXTEST.WORLD >S	iummary of JMS Servers >Summary	of JDBC Data Sources > FLEXTEST.WORLD > Sun	nmary of JMS Servers »JMS	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUB5_SystemMod	ule				
Lock & Edit	Configuration Subdeployments		Notes			
Release Configuration	This page displays general informa	tion about a JMS system	module and its resources. It also	llows you to configure new resources and acce	ess existing resources.	
Domain Structure fcubs113 domain						
B-Environment	Name:	FCUBS_Sy	stemModule	The name of this JMS	system module. More In	fo
Deployments	Descriptor File Name:	jms/FCUB:	_SystemModule-jms.xml	The name of the JMS	module descriptor file. M	ore Info
Services Grifessaging						
JMS Servers JMS Servers 	This page summarizes the JMS res destination quota, distributed des			including queue and topic destinations, conners.	ction factories, JMS templa	tes, destination sort keys,
Path Services	Customize this table					
⊞-Bridges Data Sources						
Persistent Stores	Summary of Resources					
Foreign JNDI Providers	Click the Lock & Edit button in the	Change Center to active	ate all the buttons on this page.			
i IWork Contexts	New Delete				Showin	a 0 to 0 of 0 Previous Next
How do I					Showin	go to o or o Previous (Next
Configure JMS system modules	🔲 Name 🗇	Туре	JNDI Name	Subdeployment	т	argets
 Configure subdeployments in JMS system modules 			There are	no items to display		
Configure resources for JMS system modules	New Delete				Showin	g 0 to 0 of 0 Previous Next
Sustan Status						
System Status						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

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

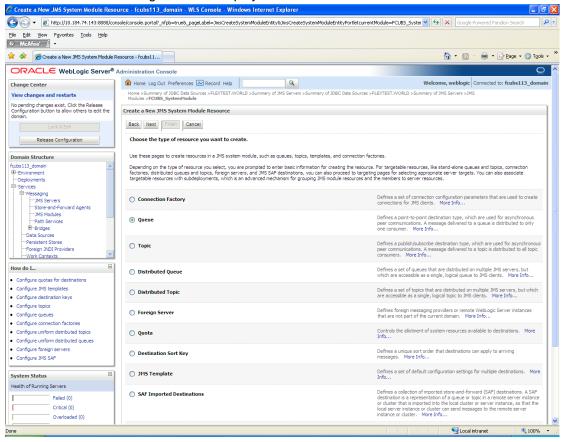


The Following screen is displayed.

Settings for FCUBS_SystemModule - f	fcubs113_domain - WLS Console - Windows Internet Explorer	
💽 🗸 🙋 http://10.184.74.143:8888/ce	console/console.portal?_nfpb=true&_pageLabel=JM5SystemModuleConfigGeneralPage	Google Powered Pandion Search
e Edit <u>Y</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfce /		
🔅 🌮 🍘 Settings for FCUBS_SystemModule	le - fcubs113_domai	🏠 👻 🗟 👘 🖶 Page 🕶 🎯 Tgols 🔹
	⁹ Administration Console	Q
hange Center	💼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC D Modules >FCUBS SystemModule	Nata Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Settings for FCUBS_System!!odule	
unain.	Configuration Subdeployments Targets Security Notes	
Release Configuration	This page displays general information about a JMS system module and its resources. It also allows you	to configure new recourses and access existion recourses
omain Structure	This page displays general information about a JPIS system mobile and its resources. It also allows you	to comigure new resources and access existing resources.
bs113_domain	Name: FCUBS_SystemModule	The name of this JMS system module. More Info
-Environment		
Deployments	Descriptor File Name: jms,FCUBS_SystemModule_jms.xml This name is mmarized the IMS resources that have been created for this TMS sustem module, includion	The name of the JMS module descriptor file. More Info
-Deployments -Services	Descriptor File Name: yns,IFCU85_SystemModule-jms.xml This page summarizes the 3MS resources that have been created for this 3MS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters. © customize this table Summary of Resources	
"Deployments I-Services └─Messaging └─JNS Servers └─JNS Modules └─JNS Modules └─Path Services ⊕ Bridges	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	
Deployments Services Harrison Store-and-Forward Apents Hot Modules Hot Module	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters. © Customize this table Summary of Resources New Create	queue and topic destinations, connection factories, UNS templates, destination sort keys,
Deployments Services Services Services Services Services Services Path Services Definides Path Services Definides Path Services Path Services Path Services Work Contexts w do L.	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters. © Customize this table Summary of Resources New Create	queue and topic destinations, connection factories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets
Deployments Servers Servers Store-and-Forward Agents	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters. <i>C</i> usetomize this table Summary of Resources New Dester Name Type JHDI Name	queue and topic destinations, connection factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets
Deployments Services	This page summarizes the 3MS resources that have been created for this 3MS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	oueue and topic destinations, connection factories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services Services Services Services Services Services Definition	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	oueue and topic destinations, connection factories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	oueue and topic destinations, connection factories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	aueue and topic destinations, connection factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services Previous Provide Services Previous Pr	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	aueue and topic destinations, connection factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services Previces Protessaring Prote Services Prote Services Prote Services Prote Services Protein Services	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	oueue and topic destinations, connection factories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments →Deployments →Deployments →Destars →	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	aueue and topic destinations, connection factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display
Deployments Services Services Services Services Path Services Service	This page summarizes the JMS resources that have been created for this JMS system module, including destination quota, distributed destinations, foreign servers, and store-and-forward parameters.	aueue and topic destinations, connection factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Subdeployment Targets to display



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





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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Win	dows Internet Explorer	
	nsole/console.portal?JmsCreateSystemModuleEntityPortlet	_actionOverride=/com/bea/console/actions/jms/modules/sy	stem/createentity/selectEntit 👻 🐓 🗙 Google Powered Pandion Search 🛛 🔎
<u>File Edit Yiew</u> Favorites <u>T</u> ools <u>H</u> elp			
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🔗 🏟 🌈 Create a New JMS System Module R	Resource - fcubs11		🏠 👻 🗟 🝸 🖶 Page 🗸 🎯 Tgols 🗸
	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.WC Modules »FCUBS_SystemModule	ORLD >Summary of JMS Servers >Summary of JDBC Data Sour	rces >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 ⊡-Services ⇔Messaging	* Name: NOTIFY_DEST_QUE	UE	
JMS Servers Store-and-Forward Agents JMS Modules	JNDI Name: NOTIFY_DEST_QUE	UE	
Path Services El-Bridges Data Sources	Template: None V		
Persistent StoresForeign JNDI ProvidersWork Contexts	Back Next Finish Cancel		
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			Succal intranet 🔍 100% 👻

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

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



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer		×
🚱 🕤 👻 🙋 http://10.184.74.143:88888/con	sole/console.portal	💌 🔄 🗙 Google Powered Pandion Search 🛛	• 0
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😭 🏟 🌈 Create a New JMS System Module R	esource - fcubs11	🟠 🔹 🔝 👘 🖶 🔛 Page 🕶 🎯 Tgols	• "
	Administration Console	<u> </u>	^
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain	n
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD > Modules >FCUBS_SystemModule	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 中Environment	Like this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which 306 resource SR4 agent. Increasery, you can create a new subdeployment by clicking the Create a New Subdeployment button. You can also re module's subdeployment management page.	s are grouped and targeted to a server instance, duster, or econfigure subdeployment targets later by using the parent	
Deployments	Select the subdeployment you want to use. If you select (none), no targeting will occur.		
Messaging	Subdeployments: FCUBS Create a New Subdeployment		
JMS Modules Path Services ⊞-Bridges Data Sources	What targets do you want to assign to this subdeployment? Targets :		н
Persistent StoresForeign JNDI ProvidersWork Contexts	JHS Servers		
How do I	FCUBS_JMSServer		
Configure quotas for destinations	Back Next Finish Cancel		
Configure JMS templates Configure destination keys			
Configure destination keys Configure topics			1
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		Scola intranet 🔍 100%	•



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

Settings for FCUBS_SystemModule - fc	ubs113_domain	WLS Console -	Windows	Internet	Explore	r				_ P	
🔆 🕞 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_	nfpb=true&_pageLa	bel=JMSSy:	stemModule	ConfigGen	eralPage		💌 4 9 🗙 😡	ogle Powered Pandion Search	5	
Ele Edit View Favorites Iools Help © McAfee // -											
🔶 💠 🌈 Settings for FCUB5_SystemModule	- fcubs113_domai							🟠 •	🔊 🕤 🖶 🔹 🔂 Bage 🔹	🗿 Tgols	
	Administration Co	onsole								õ	
Change Center	Home Log O	ut Preferences 🔤	Record He	lp		Q		Welcome, weblo	gic Connected to: fcubs11	3_domai	
View changes and restarts			s > FLEXTES	T.WORLD >	Summary o	of JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Sun	mary of JMS Servers	>JMS		
Pending changes exist. They must be activated to take effect.	Messages	Noclus = FCUBS_SystemModule Hessages #The 2NG Cybuse was created successfully									
Activate Changes	-	IBS SystemModu									
Undo All Changes		Subdeployments		Security	Notes						
Domain Structure	comgaration	Subdeprovinenta	largeta	Security	Notes						
ubs113_domain -Environment -Deployments	This page displa	ays general informati	on about a	JMS system	n module ar	nd its resources. It also allows you to configure	e new resources and acce	ess existing resource	5.		
Services Messaging	Name:			FCUBS_S	ystemMod	ule	The name of this JMS	system module. M	lore Info		
Messaging Messaging MS Servers Serve-and-Forward Agents	Descriptor File	Name:		jms/FCUE	S_System	Module-jms.xml	The name of the JMS	module descriptor f	le. More Info		
Path Services B-Bridges Data Sources	This page sum destination quo	narizes the JMS reso ta, distributed destir	urces that h nations, fore	ave been o eign serven	reated for s, and stor	this JMS system module, including queue and e-and-forward parameters.	topic destinations, conne	ction factories, JMS	templates, destination sort ke	:s,	
Persistent Stores Foreign JNDI Providers	Customize th	is table									
Work Contexts	Summary of F	Resources									
low do I	New Delete							5	showing 1 to 1 of 1 Previous	Next	
Configure JMS system modules Configure subdeployments in JMS system	I Name	~		Тур	e	JNDI Name	Subdeployment	т	argets		
modules Configure resources for JMS system modules	NOTIFY	_DEST_QUEUE		Que	ue	NOTIFY_DEST_QUEUE	FCUBS	F	CUBS_JMSServer		
	New Delet	e						5	showing 1 to 1 of 1 Previous	Next	
ystem Status											
ealth of Running Servers											
Failed (0)											
Critical (0) Overloaded (0)											
Warning (0)											
OK (2)											



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

C Settings for FCUBS_SystemModule - f	cubs	113_d	omain - WLS Console -	Windows I	nternet Exploi	er				- 6
😋 💽 👻 🙋 http://10.184.74.143:8888/cc	onsole/	console.	portal?_nfpb=true&_pageL	abel=http://10).184.74.143:888	3/console/console.portal?_nfpb=tru	ue&_pageLabel=http://10.184.74.	143 🔽 🐓 🗙 Goog	gle Powered Pandion Search	٩
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🔶 🎄 🏾 🍘 Settings for FCUBS_SystemModule	e - fcub	os113_do	mai					🔓 • 🖻	🛛 🔹 🖶 🔹 🔂 Page 🔹 🌀	Tools +
ORACLE WebLogic Server®	Adm	ninistra	tion Console							Q
Change Center] (D Home	: Log Out Preferences 🔺	Record Help		Q		Welcome, weblog	ic Connected to: fcubs113_	domain
View changes and restarts			Summary of JDBC Data Source >FCUBS_SystemModule	es >FLEXTEST.	WORLD >Summar	y of JMS Servers >Summary of JDBC	Data Sources > FLEXTEST.WORLD >	Summary of JMS Servers >	JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	5	ettings	for FCUBS_SystemMod	ule						
Lock & Edit		Configu	ration Subdeployments	Targets	Security Notes	1				
Release Configuration		This pa	ge displays general informa	tion about a JN	15 system module	and its resources. It also allows you	u to configure new resources and a	access existing resources.		
Domain Structure fcubs113 domain		Name:			FCUBS_SystemMo	idule	The name of this	JMS system module. Mo	re Info	
Environment Deployments	11	Descrip	tor File Name:		jms/FCUBS_Syste	mModule-jms.xml	The name of the .	JMS module descriptor file	. More Info	
Hessaging How Servers Servers Servers Servers Hotor-and-Forward Agents Hotors Hotors Hotors Hotors Hotors Hotors Hotors		destina Custo				or this JMS system module, including ore-and-forward parameters.	g queue and topic destinations, cor	nection factories, JMS te	mplates, destination sort keys,	
Persistent Stores Foreign JNDI Providers		New	Delete					Sh	nowing 1 to 1 of 1 Previous N	lext
Work Contexts			Name 💫		Туре	JNDI Name	Subdeployment	Ta	rgets	
How do I • Configure JMS system modules			NOTIFY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCL	JBS_JMSServer	
Configure subdeployments in JMS system modules		New	Delete					Sh	nowing 1 to 1 of 1 Previous N	lext
Configure resources for JMS system modules										
System Status	i i									
Health of Running Servers										
Failed (0)										
Critical (0)										
Overloaded (0)										
Warning (0) OK (2)										
UK (2)										

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

7.2.6 JMS Connection Factory Creation

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



1. Click 'New'.

Settings for FCUBS_SystemModule - fo	cubs113_domain -	WLS Console - Windows	internet Explo	rer		
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A A Settings for FCUBS_SystemModule	- fcubs113_domai					🐴 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🔹 🍈 Tools 🔹
ORACLE WebLogic Server®	Administration Co	nsole				Q
Change Center	Home Log Out	t Preferences 🔤 Record Hel	p	Q	Welc	ome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary Modules >FCUBS	of JDBC Data Sources > FLEXTEST _SystemModule	r.WORLD >Summar	y of JMS Servers »Summary of JDBC Data	Sources > FLEXTEST.WORLD > Summary of	of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUE	35_SystemModule				
domain.	Configuration	Subdeployments Targets	Security Note	5		
Release Configuration						
Release configuration	This page display	ys general information about a J	MS system module	and its resources. It also allows you to	configure new resources and access exis	ting resources.
Domain Structure	Name:		FCUBS_SystemM	odule	The name of this JMS syster	n module. More Info
-Environment	Descriptor File	Name:	ims/FCUBS Syste	mModule-ims.xml	The name of the JMS modul	e descriptor file. More Info
Horner Deployments Dervices C→Messaging						
JMS Servers JMS Modules Path Services ED-Bridges Data Sources	estination quot		ign servers, and s	ore-and-forward parameters.		
Persistent Stores	New Delete					Showing 1 to 1 of 1 Previous Next
Work Contexts	□ Name 4	<i>~</i>	Туре	JNDI Name	Subdeployment	Targets
Gonfigure JMS system modules	NOTIFY_	DEST_QUEUE	Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
Configure subdeployments in JMS system	New Delete					Showing 1 to 1 of 1 Previous Next
modules Configure resources for JMS system modules						
System Status 🗉						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Overloaded (0) Warning (0)						



The following screen is displayed:

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🔗 Create a New JMS System Module Re	esource - fcubs11		🏠 🔹 🗟 👘 🖶 Bage 🖛 🎯 Tgols
	Administration Console		Q
nange Center	🏦 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_doma
ew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule	RLD >Summary of JMS Servers	: >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
o pending changes exist. Click the Release onfiguration button to allow others to edit the main.	Create a New JMS System Module Resource		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Choose the type of resource you want to crea	ate.	
omain Structure	Use these pages to create resources in a JMS system	n module, such as queues, top	ics, templates, and connection factories.
ubs113_domain Fenvironment Deployments Services	factories, distributed queues and topics, foreign serv	ers, and JMS SAF destination	formation for creating the resource. For targetable resources, like stand-alone queues and topics, connection s, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate rouping JMS module resources and the members to server resources.
	Connection Factory		Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules Path Services EP-Bridges	O Queue		Defines a point-to-point destination type, which are used for asynchronous peer communications. A measage delivered to a queue is distributed to only one consumer. Where 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 infino
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	🔘 Foreign Server		Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection factories Configure uniform distributed topics Configure uniform distributed queues	🔿 Quota		Controls the allotment of system resources available to destinations. More Info
Configure foreign servers Configure JMS SAF	O Destination Sort Key		Defines a unique sort order that destinations can apply to arriving messages. More Info
stem Status	🔿 JMS Template		Defines a set of default configuration settings for multiple destinations. More Info
Alth 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 cluster that is imported in to the locid luster or server instance, so that the local server instance or duster can send messages to the remote server instance or cluster. When Info



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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console	- Windows Internet Explorer			
🚱 🗣 🙋 http://10.184.74.143:8888/coi	nsole/console.portal?JmsCreateSystemModuleEntit	vPortlet_actionOverride=/com/bea/console/-	ctions/jms/modules/system/createentity/select	Entit 🔽 🐓 🗙 🛛 Google Pi	owered Pandion Search
Elle Edit <u>Vi</u> ew Favorites Iools <u>H</u> elp McAfee [*]					
😭 🔅 🖉 Create a New JMS System Module P	Resource - fcubs11			6 • 6	🖶 🔹 🔂 Bage 👻 🍈 Tgols 👻
ORACLE WebLogic Server®	Administration Console				Ď
Change Center	î Home Log Out Preferences 🔤 Record			· · · · · · · · · · · · · · · · · · ·	connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEX Modules >FCUBS_SystemModule	TEST.WORLD > Summary of JMS Servers > Sum	many of JDBC Data Sources > FLEXTEST.WORLD >	Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resou	irce			
Lock & Edit	Back Next Finish Cancel				
Release Configuration	Connection Factory Properties				
Domain Structure	The following properties will be used to ident * Indicates required fields	tify your new connection factory. The curren	t module is FCUBS_SystemModule.		
fcubs113_domain -Environment -Deployments	What would you like to name your new conne	ction factory?			
E-Services H-Messaging	* Name:	NotifyDestQCF			
Store-and-Forward Agents JMS Modules	What JNDI Name would you like to use to look	k up your new connection factory?			
Path Services B-Bridges	JNDI Name:	NotifyDestQCF			
Data SourcesPersistent StoresForeign JNDI ProvidersWork Contexts	The Connection Factory Subscription Sharing Subscription Sharing Policy:	Policy Subscribers can be used to control wh	ch subscribers can access new subscriptions. Si	nould subscriptions created usir	ng this factory be sharable?
How do I	The Client ID Policy indicates whether more th		ent ID. Orade recommends setting the Client II) policy to Unrestricted if sharin	o durable subscribers.
Configure quotas for destinations	Subscriptions created with different Client ID	policies are always treated as independent s	ubscriptions. What Client ID Policy would you lik	e to use?	
Configure JMS templates Configure destination keys	Client ID Policy:	Restricted V			
Configure topics Configure queues	A connection factory can limit the number of r	messages that can queued for an asynchron	us session. Should this connection factory impo	ose a limit?	
Configure connection factories Configure uniform distributed topics	Maximum Messages per Session:	10			
Configure uniform distributed queues	Should this connection factory create session	s that are JTA aware, and create XA queues	and XA topics?		
Configure foreign servers Configure JMS SAF	✓ XA Connection Factory Enabled				
System Status	Back Next Finish Cancel				
Health of Running Servers					
Failed (0)					
Critical (0) Overloaded (0)					
Done				🔍 Local ini	ranet 🔍 100% 👻
Zune				S Local in	ane. 4100% *

- 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	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	1 🛛 📈
	nsole/console.portal?]msCreateSystemModuleEnktyPortlet_actionOverride=/com/bea/console/actions/jms/connection/createjmsconnectionfactory/ 💙 🐓 🗙 Google Powered Pandon Search	P -
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😭 🏘 🌈 Create a New JMS System Module P	Resource - foubs11 👘 🔹 👘 🐑 📴 🖓 👘 👘 🔂 👘 👘 🖓 Bage 👻 🎯 T	ools • »
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Change Center	🏦 Home Log Out Preferences 🖾 Record Help 🔍 🔍 Welcome, weblogic Connected to: fcubs113_do	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 >FCUBS_SystemModule	
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 Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain BH-Environment	Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then dick Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Deployments Deservices Or Messaging	The following 3MS module targets will be used as the default targets for your new 3MS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.	
··· JMS Servers	Targets :	
····Store-and-Forward Agents ····JMS Modules	Servers	
Path Services Bridges		=
Data Sources Persistent Stores	ImagedServer1	
Foreign JNDI Providers	Back Next Finish Advanced Targeting Cancel	
Hew de T		
10w 00 1		_
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	Stocal 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		a 🗙
G + Attp://10.184.74.143:8888/con	onsole/console.portal	Google Powered Pandion Search	P-
Ele Edit View Favorites Tools Help			
🙀 🏘 🄏 Create a New JMS System Module R	Resource - foubs11	• 🔊 👘 • 🔂 Page • 🎯 Toole	s • »
	Administration Console	Ç	2 ^
Change Center		blogic Connected to: fcubs113_doma	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serv Modules >FCUBS_SystemModule	ers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource		٦.
Lock & Edit	Back Next Finish Cancel		
Release Configuration	The following properties will be used to target your new JHS system module resource		
Domain Structure fcubs113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JKG resources are grouped and to SAR again! If necessary, you can create a new subdeployment by cloing the Create a New Subdeployment button. You can also reconfigure subdeploy models a subdeployment magagement agae.	rgeted to a server instance, duster, or ment targets later by using the parent	
Deployments El-Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.		
Messaging	Subdeployments: FCUBS Create a New Subdeployment		
	What targets do you want to assign to this subdeployment?		•
Path Services B-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 Configure connection factories	Back Next Finish Cancel		
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%	• .;

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



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

Settings for FCUBS_SystemModule - fcu	ubs113_domain - WLS Console -	Windows Internet Explorer			
🔾 🗸 🕖 http://10.184.74.143:8888/con	sole/console.portal?_nfpb=true&_pageLa	abel=JMSSystemModuleConfigGeneralPage		🖌 🛃 🔽	Google Powered Pandion Search
jle <u>E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp 9 McAfee' // ▼					
🖌 🎄 🏀 Settings for FCUBS_SystemModule -	fcubs113_domai			<u>ث</u>	▼ 🔝 🐘 ▼ 🔂 Page ▼ 🍈 Tools
	Administration Console				Q
Change Center	🙆 Home Log Out Preferences 🔤	Record Help		Welcome, w	veblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS SystemModule	es >FLEXTEST.WORLD >Summary of JMS Ser	vers >Summary of JDBC Data Sources >F	LEXTEST.WORLD >Summary of JMS Se	ervers >JMS
Pending changes exist. They must be activated	Messages				
to take effect.	 Connection factory created succ 	essfully.			
Activate Changes	Settings for FCUBS_SystemModu	le			
Undo All Changes					
Domain Structure					
Cubs 113_domain	This page displays general informat	ion about a JMS system module and its reso	urces. It also allows you to configure n	ew resources and access existing res	ources.
D-Services ⊕-Messaging	Name:	FCUBS_SystemModule	The name of this JMS system module	e. More Info	
Hessegng INS Servers Store-and-Forward Agents INS Modules Path Services ⊡ Rindges	Descriptor File Name: This page summarizes the JMS reso destination quota, distributed destin	jms/FCUBS_SystemModule-jm urces that have been created for this JMS s nations, foreign servers, and store-and-for	vstem module, including queue and top	The name of the JMS module descriptor file. More Info d topic destinations, connection factories, JMS templates, destination sort keys,	
Data Sources Persistent Stores Foreign JNDI Providers	Customize this table				
Work Contexts	Summary of Resources				
How do I	New Delete				Showing 1 to 2 of 2 Previous Next
Configure JMS system modules Configure subdeployments in JMS system	🔲 Name 🗞	Туре	JNDI Name	Subdeployment	Targets
Configure resources for JMS system modules	NotifyDestQCF	Connection Factory	NotifyDestQCF	FCUBS	FCUBS_JMSServer
Sustam Status	NOTIFY_DEST_QUEUE	Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
Fystem Status	New Delete				Showing 1 to 2 of 2 Previous Next
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

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



The following screen will be displayed.

	13_domain - WLS Console - Windows Internet Explorer	
🕞 🕑 👻 🙋 http://10.184.74.143:8888/	console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorygeneralTabPage&handle=com.bea.co	onsole.handles.JMXHandle%28%22com 💙 🐓 🗙 Google Powered Pandion Search 🖌
jle <u>E</u> dit ⊻jew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp D McAfee ✓		
🕻 🎄 🎉 Settings for NotifyDestQCF - fcu	bs113_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 >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORL Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	.D >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Security	
Domain Structure	Save	
ubs113_domain -Environment -Deployments -Services	Use this page to define the general configuration parameters for this JMS connection factory, which	includes various clent connection, default delivery, load balancing, and security parameters.
B-Messaging	1 NotifyDestQCF	The name of this JMS connection factory. More Info
Store-and-Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a clustered JNDI namespace. More Info
Bridges Data Sources Persistent Stores	🔲 🎘 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More ${\rm Info}\ldots$
Foreign JNDI Providers	Advanced Save	
low do I E		
Configure connection factories		
System Status	3	
lealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

C Settings for NotifyDestQCF - fcubs113	3_domain - WLS Console - Windows Internet Explorer	. 8 🗙
🚱 🗸 🖉 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=3M5ConnectionFactorytransactionparamsTabPage&handle=com.bea.console.handles.3M&handle%; 💙 🐓 🗶 Google Powered Pandion Search	P -
Eile Edit Yiew Favorites Tools Help		
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1	s113_domain - WLS 👘 🔹 🔂 🐑 👘 🔹 📴 Rage 🕶 🎯 T	fgols • *
	Administration Console	<u>o</u>
Change Center	Home Log Out Preferences Record Help Welcome, weblogic Connected to: fcubs113_dc	omain
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 >NotifyDesQCF >FCUBS_SystemModule >NotifyDestQCF	
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
 Activate Changes 	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Security	
Domain Structure	Save	
fcubst13_domain	Use this page to define the transaction configuration for this IMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create assigns that are JTA user-transaction aware.	with
- Units servers - Store-and-Forward Agents 3NS Modules Path Services BirBridges >Deta Sources >Deta Sources	Irransaction Timeout: 3600 The timeout value (in sections) for air transactions on connections or eater on this connection factory. More Timeout, which is the section of the	an
How do I	Save	
Configure connection factories System Status Health of Running Servers Faled (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	I_domain - WLS Console - Windows Intern	et Explorer			¹ ×
🚱 🗸 🔊 🖉 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=JMSC	onnectionFactorytransactionpar	amsTabPage&handle=com.b	ea.console.handles.JMXHandle%: 💙 😽 🗙 Google Powered Pandion Search 🛛	ب ا
Eile Edit Yiew Favorites Tools Help					
🖌 🏟 🏉 Settings for NotifyDestQCF - fcubs	113_domain - WLS			🟠 👻 🔚 👻 📴 Bage 👻 🎯 Tgols	• »
ORACLE WebLogic Server®	Administration Console			Q	^
Change Center	🔒 Home Log Out Preferences 🔤 Record H	lelp C		Welcome, weblogic Connected to: fcubs113_domai	in
View changes and restarts	Home > FLEXTEST.WORLD > Summary of JMS Set Modules > FCUBS_SystemModule > NotifyDestQCF	rvers >Summary of JDBC Data Sou = >FCUBS_SystemModule >Notify	rces >FLEXTEST.WORLD >Sc DestQCF	immary of JMS Servers >JMS	
Pending changes exist. They must be activated to take effect.	Messages Settings updated successfully.				
Undo All Changes	Settings for NotifyDestQCF Configuration Subdeployment Notes				
Domain Structure fcubs113_domain #:Environment -Deployments B::Hessping H-Messping -Mids Servers Mids Servers	Save	uration for this JMS connection f		nsaction time-out value, and also indicate whether an XA queue or XA topic connection	-
JMS Modules Path Services B-Bridges	Transaction Timeout:	3600		The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info	
	🗹 近 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 turm may be used to create an XASession, which in turm may be used to obtain an XAResource for use inside a transaction manager. More Info	
How do I Configure connection factories	Save				
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.

Settings for NotifyDestQCF - fcubs113_	domain - WLS Co	nsole - Wind	ows Internet Exp	plorer			
() - E http://10.184.74.143:8888/cons	ole/console.portal?_r	fpb=true&_pag	eLabel=http://10.184	4.74.143:8888/con	sole/console.port	al?_nfpb=tr	etrue&_pageLabel=JMSConnectionFactor 💌 🖅 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Elle Edit View Favorites Iools Help							
🚖 🔅 🏀 Settings for NotifyDestQCF - fcubs11	3_domain - WLS						🏠 🔻 🔝 👘 👘 📴 Page + 🎯 Tools + 🎽
	dministration Co	nsole					Q
Change Center	🙆 Home Log Ou	t Preferences [Necord Help		Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST Modules >FCUBS	.WORLD >Summ SystemModule >I	ary of JMS Servers >S NotifyDestQCF >FCUE	Summary of JDBC Da 35 SystemModule >I	ta Sources >FLEX IotifvDestOCF	TEST.WORL	RLD >Summary of JMS Servers >JMS
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit	Messages All changes ha	ave been activat	ted. No restarts are r	necessary.			
Release Configuration	Settings for Notif	fyDestQCF					
	Configuration	Subdeploymen	t Notes				
Domain Structure	General Defau	It Delivery Cl	ent Transaction	Flow Control	Load Balance	Security	/
⊕:Environment →Deployments ⇒Services →:Messaging →:Sorverand-Froward Agents →:Sorverand-Froward Agents →:Path Services	Save Use this page to	define the trans	he Change Center to saction configuration a sessions that are JT	for this JMS conne	tion factory. You	ı can define	e a transaction time-out value, and also indicate whether an XA queue or XA topic connection
B-Bridges Data Sources Persistent Stores	Transaction Tir	neout:					The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info
How do L	V 🛃 XA Con	nection Factor	ry Enabled				Indicates whether as X4 queue or X4 topic connection factory is returned, instead of a queue or topic connection factory. An X4 connection factory can be used to create a X4.Connection, which in turn may be used to create an X45ession, which in turn may be used to obtain an X4Resource for use inside a transaction manager. More Info
System Status	Click the Lock 8	<i>Edit</i> button in t	he Change Center to	modify the setting	s on this name.		
Health of Running Servers				interior de secong	o on one pager		
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		
(C) - (2) http://10.184.74.143:8888/com	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1	Google Powered Pandion Search	
Elle Edit Yiew Favorites Tools Help			
😭 🎄 🏀 Home Page - fcubs113_domain - W	LS Console		🟠 🔻 🔝 👻 🖶 🖷 🔂 Page 🕶 🎯 Tools 👻
	Administration Console		Q 🌢
Change Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS	Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS 5_SystemModule >NotifyDestQCF >fcubs113_domain	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page		
Lock & Edit	- Information and Resources		
	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 	
Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployme fcubs113_domain	Domain Configurations		
E-Services E-Messaging	Domain	Services	Interoperability
JMS Servers	Domain	Messaging	WTC Servers
Store-and-Forward Agents	• contain	 JMS Servers 	Joit Connection Pools
	Environment	 Store-and-Forward Agents 	
⊞-Bridges	Servers	 JMS Modules 	Diagnostics
Data Sources	Clusters	 Path Services 	Log Files
Persistent Stores Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules
-Work Contexts	Migratable Targets	Data Sources	Diagnostic Images
How do I	Coherence Servers	Persistent Stores	Request Performance
How do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
Record WLST Scripts	 Startup And Shutdown Classes 	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
Curtain Chalun 📃	 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:

Edit View Favorites Tools Help				
McAfee'				
🕸 🔏 Settings for fcubs113_domain - fcu	ibs113_domain - W			🗿 🔹 🗟 👘 🖶 Bage 🕶 🎯 Tgols
RACLE WebLogic Server®	Administration Console			Q
nge Center	🙆 Home Log Out Preferences 🔤 Reco		٩	Welcome, weblogic Connected to: fcubs113_doma
w changes and restarts	Home >Summary of JMS Servers >Summary Modules >FCUBS_SystemModule >NotifyDe			5
pending changes exist. Click the Release figuration button to allow others to edit the	Settings for fcubs113_domain			
ain. Lock & Edit	Configuration Monitoring Control	Security Web Service Security	Notes	
Release Configuration	General JTA JPA EJBs Web	Applications Logging Log Filter	3	
Recard compliation	Save			
ain Structure				
s113 domain nvironment	A domain is a collection of WebLogic Serv	ver instances that is managed by a s	ngle Administration Server. Use this	page to configure administrative options that apply to all servers in the current
eployments ervices	* Indicates required fields			
-Messaging	Indicates required helds			
····JMS Servers ···Store-and-Forward Agents ····JMS Modules	* Name:	fcubs113	_domain	The name of this WebLogic Server domain. More Info
Path Services Bridges ™Data Sources Persistent Stores	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
Foreign JNDI Providers Work Contexts	Administration Port:	9002		The common secure administration port for this WebLogic Server domain. (Requires you to enable the administration port.) More Info
v do I (5) hange Console preferences onfigure the domain-wide administration port	🏀 Production Mode:	true		Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
rchive configuration files isable the Console tem Status	🔲 🏀 Enable Exalogic Optimization	ns		Specifies whether politications for Oracle Studies; should be enabled. Oraminations induce improved thread nanoparets and a casuest to occusing, and reduced lock contention. This attribute should be enabled only when configuring a Webcay droman for Oracle Studge; - more information, see "Enabling Exalge-Specific Enhancements in Oracle Webcage: Server 11g Release 1 (10.3-4)" in the Oracle Exalge; - Exalprime Guide. More Infor-
Failed (0) Critical (0)	🔲 🍓 Enable Cluster Constraints			Specifies that deployments targeted to a duster succeed only if all servers in the cluster are running. More Info
Overloaded (0) Warning (0)	🕑 🎉 Enable on-demand deploym	ent of internal applications		Specifies whether internal applications such as the console, uddi, wistestclient, and uddiexplorer are deployed on demand (first access) instead of during server startup. More Info
OK (2)				Specifies whether the Guardian Agent is deployed when starting servers in the
	🔲 🎉 Enable Oracle Guardian Age	nt		current domain. More Info



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

🖉 Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀							
G + ktp://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&DomainConfigWebAppPortletha	nde=com.bea.console.handles.JMXHar 💙 🚱 🗙 Google Powered Pandion Search 🛛 🔎 💌					
Ele Edit View Favorites Tools Help							
🚖 🏘 🌈 Settings for fcubs113_domain - fcu	bs113_domain - W	🛅 🔹 🔝 🐇 🖶 Eage = 🎯 Tools = 🕺					
ORACLE WebLogic Server®	Administration Console	Q 🍝					
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain >Summary of Mail Sessions >fcubs113_domain						
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 Fiters						
Domain Structure fcubs113 domain	Click the Lock & Editbutton in the Change Center to modify the settings on this page.						
Environment Deployments	Save						
E-Services	Use this page to define the domain-wide Web application configuration settings.						
···Store-and-Forward Agents ···JMS Modules	🗌 🐠 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					
Path Services Findes		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					
Data Sources		behavior, which was to return the user to the login form. More Info					
Persistent Stores Foreign JNDI Providers	🗌 🐠 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					
Work Contexts		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					
How do I		previous releases, role-name = "se" was treated as all users/roles defined in the realm. This parameter is a backward-compatibility switch to restore old					
 Deploy Web applications 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	1 Arr Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a					
System Status		backward 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), Serviet 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 J2EE specification, the default value for					
Failed (0)		FilterDispatchedRequestEnabled is false beginning with WebLogic Server 9.0. Note that if you are using old descriptors (meaning web.xml does not have					
Critical (0)		version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestsEnabled = true for the Web applications, unless					
Overloaded (0)		filter-dispatched-requests-enabled is explicitly set to false in veblogic.xml. This means that old applications will work fine without any modification.					
Warning (0) OK (2)		Additionally, during migration of old domains to the 9.0 domain, the migration plugin automatically sets this flag to true. More Info					
On (2)							
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container against low memory conditions. When a low memory situation occurs, new					
		session creation attempts will result in weblogic.servlet.SessionCreationException. The application code needs to catch this exception and take proper action. Alternatively appropriate error-					
		catch this exception and take proper action. Alternatively appropriate error- pages can be configured in web.xml against					
Done		Scoal 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 - fcubs11	3_domain - WLS Console - Windows Internet Explorer	
COO - @ http://10.184.74.143:8888/consc	$ble/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandlesDefine the second sec$	%28%22com.bea%3ANa 👻 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Tools Help • McAfee		
🚖 🏘 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🟠 🔹 🗟 👘 🖶 Rage 🛪 🎯 Tools 🕶 🎽
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	UebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info
	V Auth Cookie Enabled	Whether authcookle feature is enabled or not. More Info
	🕑 🥀 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
	UAP Enabled	Indicates whether the session ID should include JIM information. (Checking this box may be necessary when using URL rewriting with WAP devices that limit the size of the URL to 12 devices that such as offect the use of repicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 characters, and it will not contain any special characters. More Info
	Post Timeout: 30	The amount of time this server walts between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info
	Maximum Post Time: .1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	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
	Vork Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info
	d€ P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info
	🕑 🆧 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2 Co specification. This property exists for backward compatibility. More Info
		Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More info
	Save	



C Settings for fcubs113_domain - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
COO - 2 http://10.184.74.143:8888/cons	sole/console.portal?_nfpb=true&_paget.abel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHan	lle%28%22com.bea%3ANa 💟 👉 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help		
🚖 🔅 🏀 Settings for fcubs113_domain - fcubs	s113_domain - W	🏠 👻 📾 👻 🖶 Page 🕶 🎯 Tools 🗸 🎽
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	WebLogic Plugin Enabled	Specifies whether or not the proprietary WIL-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
	✓ € 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
	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 126 characters, and may also affect the use of replicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 characters, and it will not contain any special characters. More Info
	Post Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info
	Maximum Post Time: _1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	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
	V 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
	後 P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info
	🗹 🆧 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP.0 specification. This property exists for backward compatibility. More Info
	🗹 💰 Archived Real Path Enabled	Global property to determine the behavior of getReaPath() for archived web applications. When this property set to "true", getReaPath() will return the canonical path of the resource files. More Info
	Save	

- 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 - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
🔄 🕒 + 🔊 http://10.184.74.143:88888/con	sole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle*	628%22com.bea%3ANa 💙 😽 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit View Favorites Iools Help		
🚖 🚸 🌈 Settings for fcubs113_domain - fcub	ss113_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 >JMS Modules >FCUBS SystemModule >NotifyDestQCF >FCUBS SystemModule >NotifyDestQCF > fcubs113 domain	
Pending changes exist. They must be activated to take effect.	Messages Settings updated successfully.	
Undo All Changes	Settings for fcubs113_domain	
ondo Ali changes	Configuration Monitoring Control Security Web Service Security Notes	=
Domain Structure	General JTA JPA E3Bs Web Applications Logging Log Filters	
fcubs113_domain Environment Deployments EnServices	Save	
Hessaging MS Servers Store-and-Forward Agents	Use this page to define the domain-wide Web application configuration settings.	
	🗌 🎼 Relogin Enabled	Beginning with the 9.0 release the FORMIRASIC authentication behavior has been modified to confrom strictly to the JZEE Specification. If a user has logged-in but does not have privileges to access a resource, the 403 (FORBIDCE) page will be returned. Turn this flag on to enable the old behavior, which was to return the user to the login form. More Info
How do L	🔲 🎼 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 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 previous reloses, role-name = "" was treated as all usersyroles defined in previous reloses, role-name = "" was treated as all usersyroles defined in
Deploy Web applications Stop deployed Web applications Delete Web applications Update run-time descriptors		the reah. This parameter is a badward-compatibility with to restore did 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 (container-descriptor >> allow-all-roles) takes precedence (if set) over this value. More Info
System Status	General Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied ServleFilters (if configured for the Web application) on request dispatches (and indudes/forwards). Service 1.2 A has introduced the "Dispatcher" element
Failed (0) Critical (0) Overloaded (0)		to make this behavior explicit. The default value is Dispatcher=HEQUEST. In order to be compaint with the J2EE specification, the default value for FilterDispatchedRequestEshabide is faite beginning with WebLogic Server 9.0. Note that if you are using old descriptors (meaning web.xml des not have version=24), then WebLogic Server automatically uses FilterDispatchedRequestEshabide = two for the Web applications, unless
Warning (0) OK (2)		FirerUppatchedkequestsmanied = true for the vice applications, unless filter-dispatched-requests-mailed is exploitly set of faste in veblogic.xml. This means that old applications will work fine without any modification. Additionally, during migration of did 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 reaute provide the application code needs to arch this exception and take prover action. Alternatively appropriate error-
		1000/

- 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	Explorer						
😋 🕞 👻 http://10.184.74.143:8888/cor	🌀 💽 🔻 🖹 http://10.184.74.143.8888/console/							
Eile Edit Yiew Favorites Tools Help McAfee /								
🙀 🎄 🌈 Summary of Mail Sessions - fcubs11	L3_domain - WLS C		🏠 🔹 🔂 🚽 🖶 Page 🕶 🎯 Tgols 🗸					
	Administration Console		Q					
Change Center	🔒 Home Log Out Preferences 🔤 Record Hel	P	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST Modules >FCUBS_SystemModule >NotifyDestQCF >	WORLD >Summary of JMS Servers >JMS FCUBS_SystemModule >NotifyDestQCF >fcubs113_dor	nain >Summary of Mail Sessions					
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions							
Lock & Edit Release Configuration	Mail assistors facilitate the process of using the JavaMail APIs, which provide applications and other JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer Protocol (SMTP)-capable mail servers on your network or the Internet.							
Domain Structure								
	Customize this table							
	Mail Sessions							
Bridges	Click the Lock & Edit button in the Change Cent	ter to activate all the buttons on this page.						
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous Next					
Foreign JNDI Providers	Name 🔅	Properties	JNDI Name					
	Name vv							
-XML Entity Caches		There are no iter	ns to display					
jCOM Mail Sessions	New Clone Delete		Showing 0 to 0 of 0 Previous Next					
How do I								
NOW GO 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)								
	1							

2. Click 'Lock & Edit'.

Summary of Mail Sessions - fcubs113	_domain - WLS Console - Windows Internet Exp	lorer			_ @ 🗙
🚱 🕤 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSess	ionTablePage	V (4	K Google Powered Pandion Search	P -
Ele Edit View Favorites Tools Help					
😭 🏟 🍘 Summary of Mail Sessions - fcubs11	13_domain - WLS C			👌 • 🔊 * 🖶 • 🗗 Bage • 🄇) Tools - "
ORACLE WebLogic Server®	Administration Console				o 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welc	ome, weblogic Connected to: fcubs113_	domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule >NotifyDestQCF >FCU		in >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	rk or the Internet.		Access Protocol (IMAP)- and Simple Mail Tran	sfer
Domain Structure	This page summarizes the mail sessions that have be	en configured in the current WebLogic Server do	nam.		
	Customize this table				
JMS Modules	Mail Sessions				
Path Services B-Bridges	Click the Lock & Edit button in the Change Center to	o activate all the buttons on this page.			
Data Sources	New Clone Delete				Next
Foreign JNDI Providers Work Contexts	Name 🗇	Properties	JNDI Name		
XML Registries		There are no item	to display		
XML Entity Caches 	New Clone Delete			Showing 0 to 0 of 0 Previous 1	Vext
How do L.					
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.

C Summary of Mail Sessions - fcubs113_c	domain - WLS Console - Windows Internet Ex	kplorer 🛛			PX
E http://10.184.74.143:8888/console/console.portal?_nfpb=true8_pageLabel=MalGreateMalGession				Google Powered Pandion Search	P -
File Edit View Favorites Tools Help O McAfee' -					
😭 🏟 🚫 Summary of Mail Sessions - fcubs113	3_domain - WLS C			🏠 🔹 🖾 👘 📼 🔂 Bage 🕶 🍥 Tg	gols + ×
	Administration Console				o 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS CUBS SystemModule >NotifyDestQCF >fcubs113 do	main »Summary of Mail Sessio	ons	
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 netw This page summarizes the mail sessions that have i	vork or the Internet.		nternet Message Access Protocol (IMAP) - and Simple Mail Transfer	,
Domain Structure		5			
Messaging "JMS Servers "Store-and-Forward Agents	Customize this table Mail Sessions (Filtered - More Columns Exist	b			
JMS Modules Path Services EBridges	New Clone Delete	*		Showing 0 to 0 of 0 Previous Nex	at 1
**Data Sources	🔲 Name 🗇	Properties	1	INDI Name	
Foreign JNDI Providers		There are no its	ems to display		11
Work Contexts XML Registries XML Entity Caches	New Clone Delete			Showing 0 to 0 of 0 Previous Nex	a
jCOM Mail Sessions					
How do I					
Configure access to JavaMail					
 Target mail sessions 					
Delete mail sessions					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/con:	Google Powered Pandion Search	
Ele Edit View Favorites Iools Help		
🚖 🎄 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 🔹 🗟 🕤 🖶 🕈 🔂 Bage 🗸 🎯 Tools 🗸 🍅
	Administration Console	Q 🗠
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back 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 news	
Environment	What would you like to name your new mail session?	
Deployments	what would you like to hame you'n ew mail besaidh?	
E-Services	*Name: FCUBSMailSession	
Immessaging	CODSManSession	
Store-and-Forward Agents		
JMS Modules	6 * JNDI Name: mail/FCUBSMail	
Path Services		
i⊞-Bridges	🚱 JavaMail Properties:	
Data Sources	mail.host=stbeehive.oracle.com	
Persistent Stores	mail.smtps.debug=true	
Foreign JNDI Providers Work Contexts	mail.smtps.port=smtps	
	mail.smtps.auth=true	
How do I	mail.smtps.host=stbeehive.oracle.com	
 Configure access to JavaMail 		
 Target mail sessions 	Back Next Finish Cancel	
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
ОК (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
Eile Edit View Favorites Iools Help McAfee		
😭 🏘 🌈 Create a New Mail Session - fcubs11	3_domain - WLS	🏠 🔹 🔝 🔹 🖶 🔹 🔂 Page 🔹 🎯 Tgols 🔹
	Administration Console	Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Mail Session Targets	
Domain Structure fcubs 113 domain	This page indicates on which WebLogic Server instances or dusters the mail session is accessible. Only applications that have been deplo session.	yed to the selected servers or clusters can use this mail
⊕-Environment Deployments ⊡-Services	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment en fails for all active servers.	sures that if the deployment fails for one active server, it
-Messaging -JMS Servers	Servers	
	AdminServer	
Data Sources	ManagedServer1	
Foreign JNDI Providers Work Contexts	Back Next Fnish 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.

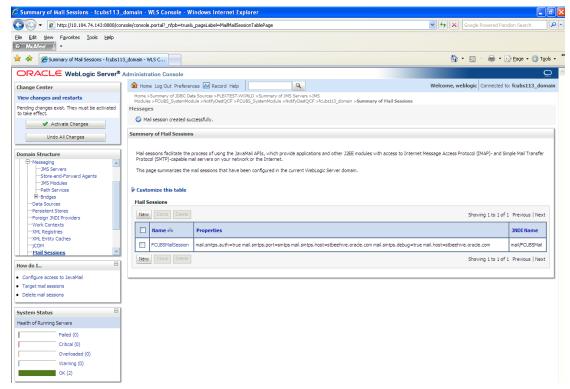
¹ 'fcubs.properties' file needs to be updated with the encrypted values of

- 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.



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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