Weblogic Configuration Oracle FLEXCUBE Universal Banking Release 14.6.2.0.0 Part No. F72916-01 [November] [2022]



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1. Configuring SSL on Oracle Weblogic

1.1 Introduction

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

1.2 Setting up SSL on Oracle Weblogic

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

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

1.3 <u>Certificates and Keypairs</u>

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

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

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

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

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

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

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



2. Choosing the Identity and Trust Stores

2.1 Introduction

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

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

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

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

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

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

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

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



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

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

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

3.1.1 Creation of Self-signed Certificate

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

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

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

In the above command,

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

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

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



- Name of your Organization: The name of the organization making the certificate request, for example, Oracle Financial Services. It is recommended to use the company or organization's formal name, and this name entered here must match the name found in official records.
- 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.

<u>Example</u>

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

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

3.2.3 Obtaining Trusted Certificate from CA

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

3.2.4 Importing Certificate into Identity Store

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

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



Importing the Intermediate CA certificate

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

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

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

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

In the above command,

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

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

Listed below is a sample execution of the command

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

Importing the Identity certificate

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

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

In the above command,

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



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

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

Listed below is a sample execution of the command

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

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



4. Configuring Identity and Trust Stores for Weblogic

4.1 Enabling SSL on Oracle Weblogic Server

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

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

4.2 Configuring Identity and Trust Stores

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

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

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



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

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

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



5. Setting SSL attributes for Managed Servers

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

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

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



6. Testing Configuration

6.1 **Testing Configuration**

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

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

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



7. Creating Resources on Weblogic

7.1 Introduction

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

7.2 **Resource Administration**

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

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

7.2.1 Creating Data Source

>

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.

If the target database is Autonomous Database then configure the TNS_ADMIN in the DB client of the Application server with the Autonomous Database Wallet given by the Database Administrator. Refer to the Installer Prerequisite Document, section 'Steps to Configure TNS_ADMIN' for more details.

7.2.1.2 XA Enabled Data Source

Follow the steps given below:

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

http://10.10.10.10:1001/console



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



3. Navigate to Oracle Weblogic home page.

🚬 🗸 🖉 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
ile Edit View Favorites Tools Help	onsoleten solet por car _n ps=er de of_sage case = nomen age r		
D McAfee' /			
🗧 🏘 🌈 Home Page - fcubs113_domain - V	WLS Console		🏠 🔹 🗟 🔹 🖶 Page 🕶 🎯 Tgols
	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🛃 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domai
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	 Configure applications 	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
cubs113_domain 中-Environment	 Set your console preferences 	Oracle Guardian Overview	
Deployments	Domain Configurations		
+-Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics	• Domain	 Messaging JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	Solic connection Pools
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Inages
teur de T		Persistent Stores	Request Performance
low do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 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
anten Chalun	Deployments	 FileT3 	
System Status		• JTA	
lealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

	s113_domain - WLS Console - Windows Intern				_6
🕥 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://10.1	84.74.143:8888/console/conso	e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSo	urc 💌 🔄 🗙 Google Powered Pandion Search	
Edit View Favorites Tools Help McAfee /					
🛠 🄏 Summary of JDBC Data Sources - f	ubs113_domain			💁 • 🔝 - 🖶 • 🔂 Page • 🄇) T <u>o</u> ols
	Administration Console				Q
ange Center	🏠 Home Log Out Preferences 🔤 Record Help	٩		Welcome, weblogic Connected to: fcubs113_	_domai
ew changes and restarts	Home >Summary of JDBC Data Sources				
pending changes exist. Click the Release	Summary of JDBC Data Sources				
main.	Configuration Monitoring				
Release Configuration	borrow a database connection from a data source. This page summarizes the JDBC data source objects			tions can look up a data source on the JNDI tree and th	
bs113_domain -Environment Deployments	Customize this table				
Services	Data Sources (Filtered - More Columns Exist)				
Messaging Data Sources	New ~ Delete			Showing 1 to 2 of 2 Previous 1	Next
Persistent Stores Foreign JNDI Providers	🔲 Name 🔅	Туре	JNDI Name	Targets	
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
јсом	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer 1	
Mail Sessions	New V Delete			Showing 1 to 2 of 2 Previous 1	Next
w 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					
stem Status 🗉					
alth of Running Servers					
Failed (0)					



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

🗩 🕑 👻 🙋 http://10.184.74.143:8888/cc	onsole/console.portal/_nfpb=trueix_pageLabel=I	nttp://10.184.74.143:8888/console/consol	e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🚩	Google Powered Pandion Search
e <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee ·				
🖌 🕸 🖉 Summary of JDBC Data Sources - f	fcubs113_domain			🟠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🍈 Tools
hange Center Kew changes and restarts Io pending changes exist. Click the Release configuration button to allow others to edit the loman.	Administration Console	ord Help	We	Connected to: fcubs113_domai
Lock & Edit Release Configuration Momain Structure ubs113_domain Pervicement "Deployments Services	A JDBC data source is an object bound to borrow a database connection from a da	ita source. Irce objects that have been created in this	nectivity through a pool of JDBC connections. Applications ca domain.	n look up a data source on the JNDI tree and then
	New Y Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers Work Contexts	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Iow do I	New 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				
ealth of Running Servers				
tearn or Running Servers	1			

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

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



7. Specify the following details:

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

8. Click 'Next'.

The following screen is displayed:

🏠 Home Log Out Preferences 🔤	Record Help	Welcome, weblogic	Connected to: FC141INSTEST
Home >Summary of Services >Summa	γ of JDBC Data Sources		
Create a New JDBC Data Source			
Back Next Finish Cancel			
JDBC Data Source Properties			
The following properties will be use	to identify your new JDBC data source.		
Database Type:	Orade		
What database driver would you like	o use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLogic Server.		
Database Driver:	*Oracle's Driver (Thin XA) for Service connections, Versions:Any		
Back Next Finish Cancel			

Click next.

la Edit Unio Encodera Tark 11-1-		
le Edit View Favorites Tools Help		🏠 🔹 🔝 🕤 🖶 Rage + 🎯 Tools
😯 🖓 😸 🔻 🅜 Oracle WebLogic Server Ad	m 🖉 Create a New JDBC Data X	M. + M. + M. Fafe + O. 1002
	Administration Console	Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_doma
/iew changes and restarts	Home »Summary of Deployments »Summary of JDBC Data Sources	
Io pending changes exist. Click the Release Configuration button to allow others to edit the Iomain.	Create a New JDBC Data Source Back Next Frish Cancel	
Release Configuration	Transaction Options You have selected an XA IDBC driver to use to create database connection in your new data source. The data transaction protocol. No other transaction configuration options are available.	source will support global transactions and use the 'Two-Phase Commit' global
	Back Next Cancel	
iystem Status		
Failed (0) Critical (0) Overloaded (0) Warning (0)		

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



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet	t Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/con:	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_act	tionOverride=/com/bea/console/actions/jdbc/datasources/	reatejdbcdatasource/addC 💌 🐓 🔀 🛛 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Tools Help			
😭 🏟 🏈 Create a New JDBC Data Source - fo	rubs113_domain		🟠 🔹 🔝 🕤 🖶 Page = 🎡 Tools = 🎽
	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		
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		
	Define Connection Properties.		
Domain Structure	What is the name of the database you would like to con	nect to?	
fcubs113_domain	Database Name:	KERDEV2	
B-Services B-Messaging	What is the name or IP address of the database server	?	
Data Sources	Host Name:		
Persistent Stores Foreign JNDI Providers		10.10.10	
Work Contexts	What is the port on the database server used to connect	ct to the database?	
XML Registries	Port:	1010	
jCOM Mail Sessions			
File T3	What database account user name do you want to use	to create database connections?	
How do I	Database User Name:	FCPB1121	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to creat	e database connections?	
	Password:	•••••	
System Status			
Health of Running Servers	Confirm Password:	•••••	
Failed (0)	Back Next Finish Cancel		
Critical (0) Overloaded (0)	Back Next Finish Cancel		
Warning (0)			
OK (2)			
·			

11. Click 'Next'.



The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	omain - WLS Console - Windows Internet Ex	plorer and the second		×
C - I http://127.0.0.1:7101/console	e/console.portal?CreateGlobalJDBCDataSour	cePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/cr		• ۹
X 🛛 McAfee 🗍 🔻				
🚖 Favorites 🛛 👍 🔊 Web Slice Gallery 🖲	•			
🏉 Create a New JDBC Data Source - DefaultDo	omain		🛅 🔻 🖾 👻 🚍 🖷 👻 Page 🔻 Safety 👻 Tools 🔻	? •
	Administration Console			Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Reco	rd Help	Welcome, weblogic Connected to: DefaultDo	omain
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			- 11
modify, add or delete items in this domain.	Test Configuration Back Next F	inish Cancel		- 11
Domain Structure	Test Database Connection			
DefaultDomain A B-Environment	Test the database availability and the con	nection properties you provided.		- 11
Deployments	What is the full package name of JDBC driv	er class used to create database connections in the connection pool?		
Services Messaging	(Note that this driver class must be in the c	dasspath of any server to which it is deployed.)		- 11
⊟-JDBC				- 11
Data Sources Multi Data Sources	Driver Class Name:	oracle.idbc.OracleDriver		- 11
Data Source Factories				
***Persistent Stores ***Foreign JNDI Providers	What is the URL of the database to connec	t to? The format of the URL varies by JDBC driver.		E
Coherence Clusters Work Contexts	URL:	jdbc:oracle.thin:@10.10.10		- 11
-XMI Registries				
How do I	What database account user name do you	want to use to create database connections?		- 11
Create JDBC data sources	Database User Name:	FCPB1121		- 11
Create LLR-enabled JDBC data sources	What is the database account password to	use to create database connections?		
System Status		enter the password in the Password field instead of the Properties field below)		- 115
-,				- 11
Health of Running Servers	Password:	•••••		- 11
Failed (0) Critical (0)				- 11
Overloaded (0)	Confirm Password:	•••••		- 11
Warning (0) OK (1)	What are the properties to pass to the JDB	3C 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.

jdbc:oracle:thin:@10.10.10.10:1001<INSTANCE_NAME>

If the target database is Autonomous Database then, the URL Format to connect to Autonomous Database must be as follows:

Jdbc:oracle:thin:@<Database Service Connect string >?TNS_ADMIN=<TNS ADMIN PATH>

- 14. Specify the Database Username (Eg: FCPB1121) and password.
- 15. Confirm the password.
- **16.** Click 'Test Configuration' tab.



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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Intern	net Explorer		- 7 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_	actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/to	est(🔽 🐓 🗙 🛛 Google Powered Pandion Se	arch 🔎 🔹
Eile Edit View Favorites Iools Help				
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👷 💠 🍘 Create a New JDBC Data Source - fo	cubs113_domain		🚹 🔹 🔝 🕤 🖶 🔹 🔂 Eage	• • 💮 T <u>o</u> ols • *
	Administration Console			Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcub	s113_domain
View changes and restarts	Home »Summary of JDBC Data Sources Messages			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Connection test succeeded.			
Lock & Edit	Create a New JDBC Data Source			
Release Configuration	Test Configuration Back Next Finish Ca	ancel		
Domain Structure	Test Database Connection			
fcubs113_domain	Test the database availability and the connection pr	operties you provided.		
Environment Deployments	What is the full package name of JDBC driver class us	ed to create database connections in the connection pool?		
-Services -Messaging -Data Sources	(Note that this driver class must be in the classpath o	f any server to which it is deployed.)		=
Persistent Stores Foreign JNDI Providers	Driver 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 Entity Caches	URL:	jdbc:oraclethin:@10,10,10,		
Mail Sessions		June.oracle.min.@10.10.10.		
i i-Fie T3	What database account user name do you want to us	se to create database connections?		
How do I 🗉	Database User Name:	FCPB1121		
Create JDBC generic data sources Create LLR-enabled JDBC data sources				
Create Loc-enabled Jubic data sources	What is the database account password to use to cre			
System Status	(Note: for secure password management, enter the p	password in the Password field instead of the Properties field below)		
Health of Running Servers	Password:	•••••		
Faled (0)				
Critical (0)	Confirm Password:	•••••		
Overloaded (0) Warning (0)				
OK (2)	What are the properties to pass to the JDBC driver w	inen creating database connections?		
	Properties: user=FCPB1121			
	user=rCFB1121			
Done			Second Intranet	🔍 100% 🔹:
Dotte			- coca intranet	4 100 % ·

17. Click 'Next'.



The following screen is displayed:

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer	×
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/selec 🚽 🍫 🗶 Google Powered Pandion Search 👘 🖉	•
Eile Edit View Favorites Tools Help		
🚖 🏟 🏉 Create a New JDBC Data Source - f	cubs113_domain 🔂 🔹 🎰 👻 📴 Rage 👻 🎯 Tgols 🔹	• *
	Administration Console	^
Change Center	🏦 Home Log Out Preferences 🖾 Record Help	
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JDBC Data Source Back Hext Finah Cancel	
Release Configuration	Select Targets You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.	
Domain Structure fcubs113 domain	Servers	
Benvironment Deployments Deployments Dervice Previce Previce Previsent Stores Persistent Stores Providers	Image: Servers Image: ManagedServer1	
Work Contexts Will Registries Will Registries Will Ently Cadhes Gom Wall Sessions ₩File T3 W	Back West Finah Cancel	l
How do I		
Create JDBC generic data sources Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

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

liopiayea.						
2 Summary of JDBC Data Sources - fcubs113_domain - WLS Console - Windows Internet Explorer 🗧 🔯 🔀						
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/con	🐑 👻 http://10.184.74.143.8888/console/console.portal?_nfpb=true8_paget.abel=GiobalD06CDataSourceTablePage 🔍 49 🗙 Google Powered Pandon Search 👂					
Ele Edit View Favorites Tools Help • McAfee /						
😭 🏘 🍘 Summary of JDBC Data Sources - fo	ubs113_domain			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽		
	Administration Console			Q 🗠		
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	We	Icome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources					
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources					
Activate Changes	Configuration Monitoring					
Undo All Changes						
Unite All Changes	A JDBC data source is an object bound to the JNDI tre borrow a database connection from a data source.	e that provides database conn	ectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then		
Domain Structure	This page summarizes the JDBC data source objects th	at have been created in this d	omain.			
fcubs113_domain	······································					
Deployments	Customize this table					
Services B-Messaging	Data Sources (Filtered - More Columns Exist)					
Data Sources	New V Delete			Showing 1 to 3 of 3 Previous Next		
Persistent Stores Foreign JNDI Providers						
Work Contexts XML Registries	🔲 Name 🗠	Туре	JNDI Name	Targets		
-XML Entity Caches	FCUBS 113	Generic	jdbc/fcjdevDS	ManagedServer1		
JCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1		
File T3		Generic	FLEXTEST. WORLD	AdminServer		
How do I		Generic	FLEXTEST.WORLD	Adminserver		
Create JDBC generic data sources	New - Delete			Showing 1 to 3 of 3 Previous Next		
Create JDBC GridLink data sources						
Create JDBC multi data sources Delete JDBC data sources						
Delete JDBC multi data sources						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						



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

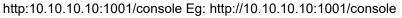
🖉 Summary of JDBC Data Sources - fcub	s113_don	nain - WLS Console - Window	rs Internet Explorer		
G S + le http://10.184.74.143:8888/co	nsole/consol	e.portal?_nfpb=true&_pageLabel=h	ttp://10.184.74.143:8888/console/consol	e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSc	ourc 💙 🐓 🗙 Google Powered Pandion Search 👂
Elle Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /					
👷 🏘 🌈 Summary of JDBC Data Sources - fi	cubs113_dor	main			🏠 👻 🔝 👘 🖶 🔛 Page 🕶 🎯 Tools 🗸
ORACLE WebLogic Server®	Administr	ration Console			Q
Change Center	🔒 Hor	me Log Out Preferences 🔤 Reco	rd Help		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home Messag	>Summary of JDBC Data Sources			
Click the Lock & Edit button to modify, add or delete items in this domain.		changes have been activated. No re	estarts are necessary.		
Lock & Edit	Summa	ary of JDBC Data Sources			
Release Configuration	Config	guration Monitoring			
frubs113_doman	borro This p Cust Data Click t	w a database connection from a dat bage summarizes the JDBC data sour comize this table Sources (Filtered - More Colum	a source.	domain.	ations can look up a data source on the JNDI tree and then
		Name 🖚	Туре	JNDI Name	Targets
How do I		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer 1
Create JDBC generic data sources Create JDBC GridLink data sources		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Create JDBC GridLink data sources Create JDBC multi data sources		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
Delete JDBC data sources Delete JDBC multi data sources	Nev	v 🕶 Delete			Showing 1 to 3 of 3 Previous Next
System Status					

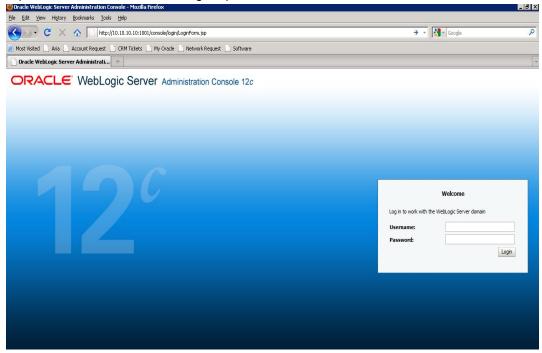
- **20.** The datasource has been created.
- **21.** Refer to "Resources_To_ Be_Created.doc" for the list of XA datasources to be created.



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.

bttp://10.184.74.149.0000/-	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
	onsole/console.porcar_nipb=cided_pagecabel=nomerage1		
e Edit View Favorites Tools Help McAfee /			
🖗 🏀 Home Page - fcubs113_domain - \	VLS Console		🏠 👻 📾 🔹 🔂 Page 🕶 🎯 Took
	Administration Console		
ange Center	🙆 Home Log Out Preferences 🛃 Record Help	Q.	Welcome, weblogic Connected to: fcubs113_doma
ew changes and restarts	Home		
ck the Lock & Edit button to modify, add or	Home Page		
ete items in this domain.	- Information and Resources		
Lock & Edit	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure applications Configure GridLink for RAC Data Source	Common Administration Task Descriptions Read the documentation	
main Structure	Recent Task Status	 Ask a guestion on My Oracle Support 	
os113_domain	Set your console preferences	Ask a question of My Grade Support Oracle Guardian Overview	
Environment	 Set your console preferences 		
Deployments Services	— Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
u de T	Coherence Servers	Persistent Stores	Request Performance
v do I	Coherence Clusters	XML Registries	Archives
earch the configuration	Machines	XML Entity Caches	Context
lse the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
lecord WLST Scripts	Startup And Shutdown Classes	Work Contexts	
hange Console preferences		• jCOM	Charts and Graphs
fonitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
	Deployments	FileT3	
stem Status 🖃		• JTA	
alth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			



The following screen is displayed:

	s113_domain - WLS Console - Windows Internet			
🕞 😔 👻 🛃 http://10.184.74.143:88888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.	74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	Google Powered Pandion Search
Elle Edit View Favorites Iools Help • McAfee // •				
😭 🏘 🏀 Summary of JDBC Data Sources - fo	ubs113_domain			🚹 🔹 🗟 🔹 🖶 👻 📴 Page 🗸 🍈 Tools 🗸
	Administration Console			Q 🕯
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	We	connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release	Summary of JDBC Data Sources			
Configuration button to allow others to edit the domain.	Configuration Monitoring			
Lock & Edit				
Release Configuration	A JDBC data source is an object bound to the JNDI tree borrow a database connection from a data source.	e that provides database co	nnectivity through a pool of JDBC connections. Applications ca	in look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data source objects the	at have been created in this	domain.	
fçubs113_domain				
Environment Deployments	Customize this table			
-Services	Data Sources (Filtered - More Columns Exist)			
MessagingData Sources	New V Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores				
Foreign JNDI Providers	🔲 Name 🗠	Туре	JNDI Name	Targets
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Mail Sessions				
How do T	New V Delete			Showing 1 to 2 of 2 Previous Next
How do I				
Create JDBC generic data sources				
Create JDBC GridLink data sources Create JDBC multi data sources				
Delete JDBC data sources				
Delete JDBC multi data sources				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				



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

🖉 Summary of JDBC Data Sources - fcubs	s113_domain - WLS Con	sole - Windows Interne	t Explorer			- I X
	nsole/console.portal?_nfpb=tru	e&_pageLabel=http://10.18	4.74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🛩	Google Powered Pandion Search	P -
Eile Edit Yiew Favorites Tools Help • McAfee •						
😤 🏟 🌈 Summary of JDBC Data Sources - fo	cubs113_domain				🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🍈 Tj	ools • "
	Administration Console					<u>o</u> ^
Change Center	🔒 Home Log Out Prefer	rences 🔤 Record Help	٩	w	elcome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of JDB	C Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data	Sources				
domain.	Configuration Monito	ring				
Lock & Edit Release Configuration	borrow a database conn	ection from a data source.		nnectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and then	,
Domain Structure	This page summarizes th	e JDBC data source objects t	hat have been created in this	domain.		
fcubs113_domain	Customize this table					
Deployments						
Services Homessaging		d - More Columns Exist)				
Data Sources	New V Delete				Showing 1 to 2 of 2 Previous Nex	rt –
Foreign JNDI Providers	Generic Data Source		Туре	JNDI Name	Targets	
Work Contexts XML Registries	GridLink Data Source		Generic	jdbc/fcjdevDS	ManagedServer1	11
XML Entity Caches					-	- 1 -
jCOM Mail Sessions	FCUBS113Brand	1	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
File T3	New 🛩 Delete				Showing 1 to 2 of 2 Previous Nex	đ
How do I						- 11
Create JDBC generic data sources						_
Create JDBC GridLink data sources Create JDBC multi data sources						
Create JDBC multi data sources Delete JDBC data sources						
Delete JDBC multi data sources						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0) OK (2)						
OK (2)						

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

6 Ext Year Forders Survey Expert > Exp		isole/console.portal?CreateGlobal3DBCDataSourcePortletreturnTo=Global3DBCDataSourceTablePage8iGloba	and a second
OPACLE WebLogic Server* Administration Console Veckome, weblogic Connected to: foubs133_domain WebLogic Server* Administration Console Weblogic Connected to: foubs133_domain Period progres exit. They must be activate to base effect. WebLogic Consected to: foubs133_domain Period progres exit. They must be activate to base effect. WebLogic Consected to: foubs133_domain Period progres exit. They must be activate to base effect. WebLogic Consected to: foubs133_domain Period progres exit. They must be activate to base effect. WebLogic Consected to: foubs133_domain Period progres exit. They must be activate to base effect. The foloring properties = FCUBSID2 Summary of DBC Data Source Domain Structure Tables for under Period progres exit. The foloring properties in be used to dentify your new JDBC data source? The foloring properties in be used to dentify your new JDBC Data Source? Description for the source FoUBSIDS What would you like to assign to your new JDBC Data Source? Provide to the source FoUBSIDS What would you like to assign to your new JDBC Data Source? Provide to the source FoUBSIDS What would you like to assign to your new JDBC Data Source? Provide to the source FoUBSIDS What would you like to assign to your new JDBC Data Source? Origin Line (bloc / for dide vDIS) Web origin Line (bloc / for di			
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Were changes and restarts Perdog darpage sext. They must be activate: Image: Structure Unde AL Changes Domain Structure Goald Lig. domain Domain Structure Bornorge sext:	ORACLE WebLogic Server®	Administration Console	Q
Verter during state result. They must be activated to base refer. Vindo Al Changes Undo Al Changes Undo Al Changes Undo Al Changes Undo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Changes Vindo Al Changes Create a New JDBC Data Source Vindo Al Changes Create a New JDBC Changes Vindo Al Changes Create a New JDBC generic data source Vindo Al Changes Create JDBC Generic data source Vindo Al Changes Vin	Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
to take effect. Very Actuate Changes Very	View changes and restarts	Home >Summary of 3DBC Data Sources >FCUBS113 >Summary of Deployments >FCUBS113Dev >Summary	y of Deployments >Summary of JDBC Data Sources >FCUBS113 >Summary of JDBC Data Sources
Undo Al Charges Domain Structure Obstill Johnstein Destructure folds What would you like to name your new JDBC data source? Destructure folds What would you like to name your new JDBC bata Source? Destructure folds What would you like to assign to your new JDBC bata Source? Destructure folds What sudd you like to assign to your new JDBC bata Source? Destructure folds What database type mould you like to select? Detabe JDBC data sources System Status Paied (0) Orisold (0) Warm (0) Warm (0) Warm (0) Warm (0) Warm (0)	Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Domain Structure Domain Structure Obtability.doment Deployments Dep	Activate Changes	Back Next Finan Cancel	
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Function Image: Second Sec	Description Characteria		
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Freenon XXX Provides Image: Status Mow do L. Image: Status • Create LDBC permit: data sources Image: Status • Critical (IV) Image: Status • Warring (IV) Image: Status		What JNDI name would you like to assign to your new JDBC Data Source?	
Implementation Implementation Model Restores Implementation Model Sectores Implementation System Status Implementation Mexicones Implementation System Status Implementation Model (0) Implementation Mexicones Implementation Sectores Implementation Model (0) Implementation Mexicones Implementation Model (0) Implementation Model (0) Implementation Model (0) Implementation			
Image Services Image Services Forder Life-enabled 208C data sources Image Services System Status Image Services Failed (0) Oncelee Onceleaded (0) Image Services Warming (0) Image Services		👩 JNDI Name:	
Mow do L. Create LIDC generic data sources Create LIR enabled DBC data sources System Status Peadto of Running Servers Failed (0) Oricola (0) Overlaaded (0) Warming (0)		jdbc/fcjdevDS	
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Create LDBC generic data sources System Status Failed (0) Critos (U) Warming (0) Concel Cancel			
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System Status Database Type: Oracle Failed (0) Critical (0) Corecaded (0) Overhaded (0) Warming (0)		What database type would you like to select?	
System Status Health of Running Servers Failed (0) Critical (0) Overloaded (0) Wanning (0)	Create LLR-enabled JDBC data sources	Database Trees	
Heath of Running Servers Failed (0) Critica (0) Overloaded (0) Warming (0)	System Status 🖂	Oracle	
Failed (0) Onical (0) Overloaded (0) Warning (0)	system status	Back Next Frint Cancel	
Critical (0) Overloaded (0) Waming (0)			
Overloaded (0) Warning (0)			
Warning (0)			



6. Specify the following details:

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

7. Click 'Next'.

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer	
🚱 🗸 🖉 http://10.184.74.143:8888/com	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbc	cdatasource/selec 💙 🐓 🗙 Google Powered Pandion Search 🖉 🔎
Eile Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp @ McAfee*		
🚖 🎄 🌈 Create a New JDBC Data Source - f	cubs113_domain	🟠 🔹 🔝 👘 🖶 🖓 Bage 🔹 🎯 Tgols 🔹 🍟
	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🗁 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Finitin Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Orade	
Fouber 113_domain Image: Constraint of the image: Constraintow of the image: Constraintoo the image: Constraintoo th	What database driver would you like to use to greate database connections? Note: " indicates that the driver is explicitly sup Database Driver: "Oracle's Driver (Thin) for Instance connections; Versions: 9.0.1 and later Back Next Finish Cancel	oported by Oracle WebLogic Server.
System Status Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)		

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



Following screen is displayed:

Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer	
🔄 🕤 👻 http://10.184.74.143:8888/co	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/cr	reatejdbcdatasource/selec 🗹 🐓 🗙 Google Powered Pandion Search 🖉
ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp 7 McAfee:		
🖌 🎄 🌈 Create a New JDBC Data Source -	cubs113_domain	🟠 🔹 🗟 👘 🖶 Rage 🕶 🎯 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	Transaction Options	
Release Configuration	You have selected non-XA JDBC driver to create database connection in your new data source.	
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source	æ.
D-Environment	Supports Global Transactions	
B-Services B-Messaging H-Data Sources	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global trans. Recommended in place of Emulate Two-Phase Commit.	actions using the Logging Last Resource (LLR) transaction optimization.
Persistent Stores Foreign JNDI Providers	C Logging Last Resource	
Work Contexts XML Registries XML Entity Caches	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in gl heuristic conditions.	obal transactions using JTA. Select this option only if your application can tolerate
jCOM Mail Sessions File T3	C Emulate Two-Phase Commit	
tow do I 🗆	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global trans- other resources can participate in the global transaction.	actions using the one-phase commit transaction processing. With this option, no
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit	
Create LLK-enabled JDBC data sources	Back Next Finish Cancel	
System Status	Carcer	
tealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
UK (2)		

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

Create a New JDBC Data Source - fcub	os113_domain - WLS Console - Windows Internet E	xplorer	
🗿 🕤 👻 http://10.184.74.143:8888/co	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_action	nOverride=/com/bea/console/actions/)dbc/datasources,	(createjdbcdatasource/addC 💌 🔄 🗙 🛛 Google Powered Pandion Search 💦 🔎
Ele Edit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp © McAfee / •			
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	Administration Console		Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
/iew changes and restarts	Home >Summary of JDBC Data Sources		
to pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
Jonain.	Back Next Finish Cancel		
Release Configuration	Connection Properties		
Release comiguration	Define Connection Properties.		
omain Structure	What is the name of the database you would like to conne	ct to?	
ubs113_domain A B-Environment	Database Name:	KERDEV2	
B-Services	What is the name or IP address of the database server?		
Data Sources Persistent Stores	Host Name:	10.10.10.10	
Foreign JNDI Providers Work Contexts	What is the port on the database server used to connect t	to the database?	
XML Registries	Port:	1010	
јСОМ		1010	
File T3	What database account user name do you want to use to	create database connections?	
tow 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 of	database connections?	
vstem Status	Password:	•••••	
Health of Running Servers	Confirm Password:	•••••	
Failed (0)			
Critical (0) Overloaded (0)	Back Next Finish Cancel		
Warning (0)			
OK (2)			



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet Explorer	
😋 🗸 🖌 🙋 http://10.184.74.143:8888/cons	; ;ole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/create	jdbcdatasource/test(🛛 🔸 🗙 Google Powered Pandion Search 🖉 🗸
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🚖 🕸 🌈 Create a New JDBC Data Source - fcu	ubs113_domein	🏠 🔻 🖾 👻 🖶 🖓 Page - 🎯 Tgols - 🂙
	dministration Console	Q 🏠
Change Center	💼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
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	
Totaco computation	Test the database availability and the connection properties 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 All Control Al	(Note that this driver class must be in the classpath of any server to which it is deployed.)	
Deployments EServices	Driver Class Name:	
•Messaging	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 Providers	URL: jdbc:oracle:oci:@10.10.10	
····XML Registries	Jaac.oracie.oci.@10.10.10	
XML Entity Caches	What database account user name do you want to use to create database connections?	
Mail Sessions	Database User Name: FCPB1121	
How do Lu		
Create JDBC generic data sources	What is the database account password to use to create database connections?	
Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the password in the Password field instead of the Properties field below)	
Custom Status E	Password:	
System Status -		
Health of Running Servers	Confirm Password:	
Failed (0) Critical (0)	What are the properties to pass to the JDBC driver when creating database connections?	
Overloaded (0)		
Warning (0)	Properties:	
OK (2)		
	The set of driver properties whose values are derived at runtime from the named system property.	
Done	Euclam Bronavlies	€ Local intranet € 100% • .:
		G coordination of 100 10

- 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>

If the target database is Autonomous Database then, the URL Format to connect to Autonomous Database must be as follows:

Jdbc:oracle:thin:@<Database Service Connect string >?TNS_ADMIN=<TNS ADMIN PATH>

- 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 I	nternet Explorer	
	-	ortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcda	
File Edit View Favorites Tools Help			
O McAfee /			
🚖 🎄 🌈 Create a New JDBC Data Source - fo	:ubs113_domain		🏠 • 🔝 - 🖶 • 🔂 Bage • 🎯 Tgols • 🎽
	Administration Console		Q 🌢
Change Center	🔒 Home Log Out Preferences 🔤 Record H	telp	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	Cancel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the connect	tion properties you provided.	
B-Environment Deployments	What is the full package name of JDBC driver d	ass used to create database connections in the connection pool?	
⊕-Services ⊕-Messaging	(Note that this driver class must be in the class;	path of any server to which it is deployed.)	
Tota Sources Persistent Stores Foreign JNDI Providers	Driver 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.	
jCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.	
i iFle T3	What database account user name do you wan	it to use to create database connections?	
How do I • Create JDBC generic data sources	Database User Name:	FCPB1121	
Create LLR-enabled JDBC data sources	What is the database account password to use	to create database connections?	
System Status	(Note: for secure password management, ente	r the password in the Password field instead of the Properties field below)	
Health of Running Servers	Password:	••••••	
Failed (0) Critical (0)	Confirm Password:		
Overloaded (0)		••••••	
Warning (0)	What are the properties to pass to the JDBC dr	iver when creating database connections?	
OK (2)	Properties:		
	user=FCPB1121		
Done			Succal intranet

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

Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source
Activate Changes Undo All Changes	Back Next Cancel
Domain Structure SOADOM3 ⊕-Domain Partitions ⊕-Environment	Select Targets You can select ere or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time. Servers
DeploymentsDeployments B-MessagingData SourcesPersistent StoresForeign JNDI Providers	AdminServer Soa_server1
Work Contexts XML Registries XML Enkity Caches 	Back Next Finish Cancel
How do I	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	
System Status	
Health of Running Servers as of 8:12 PM	
Failed (0) Critical (0) Critical (0) Warning (0)	



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

nowing screen is					
	_	main - WLS Console - Windows Internet E			
y 🕤 👻 🙋 http://10.184.74.143:8888;	/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataS	iourceTablePage	<u>~</u>	Google Powered Pandion Search
e Edit View Favorites Tools Help McAfee					
🖗 🎉 Summary of JDBC Data Sources	- fcubs113_do	main			🏠 • 🔂 - 🖶 • 📴 Bage • 🎯 To
	r [®] Administ	ration Console			<u> </u>
hange Center	Ho	me Log Out Preferences 🐼 Record Help	٩	w	elcome, weblogic Connected to: fcubs113_dom
iew changes and restarts	Home	>Summary of JDBC Data Sources			
ending changes exist. They must be activated	Summ	ary of JDBC Data Sources			
take effect.	Confi	guration Monitoring			
Undo All Changes					
<u>.</u>	A JD	IBC data source is an object bound to the JNDI tree t ow a database connection from a data source.	hat provides database con	nectivity through a pool of JDBC connections. Applications	an look up a data source on the JNDI tree and then
main Structure	This	page summarizes the JDBC data source objects that	have been created in this r	lomain.	
bs113_domain					
Environment Deployments	R Cure	tomize this table			
Services					
B-Messaging	Data	a Sources (Filtered - More Columns Exist)			
Data Sources Persistent Stores	Ner	w 🗸 Delete			Showing 1 to 3 of 3 Previous Next
Foreign JNDI Providers					
Work Contexts		Name 🗇	Туре	JNDI Name	Targets
XML Registries XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Fie T3					-
w do I	n Le	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
Create JDBC generic data sources	Net	w 🕶 Delete			Showing 1 to 3 of 3 Previous Next
Create JDBC GridLink data sources					
Create JDBC multi data sources					
Delete JDBC data sources					
Delete JDBC multi data sources					
	31				
stem Status	-				
stem status					
stem status					
alth of Running Servers Falled (0)					
alth of Running Servers Failed (0) Critical (0)					
Falled (0) Critical (0) Overloaded (0)					
ealth of Running Servers Failed (0) Critical (0)					

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



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

					.portal?_nfpb=true&_pageLabel=Global3			
Ele Edit View Favorites Tools Help McAfee /								
🖌 🏟 🍘 Summary of JDBC Data Sources -	- fcubs113_d	domain					∆ • ⊠ ·	🖶 🔹 🔂 Page 🔹 🎯 Tgol
	® Adminis	stration Console						Ç
Change Center	🗋 🏠 н	iome Log Out Preferences	Record Help	٩		Welco	me, weblogic Co	nnected to: fcubs113_dom
View changes and restarts		ne >Summary of JDBC Data S	ources					
Click the Lock & Edit button to modify, add or delete items in this domain.	Messa V	ages All changes have been activat	ed. No restarts are necess	ary.				
Lock & Edit	Summ	nary of JDBC Data Source	S					
	Cont	figuration Monitoring						
Data Sources	₩ Cu	stomize this table						
Persistent StoresForeign JNDI ProvidersWork ContextsXML RegistriesXML Entity CachesXML Entity Caches	Dat	Istomize this table ta Sources (Filtered - Morrik k the <i>Lock & Edit</i> button in the ew Y Delete		ate all the buttons on the	: page.		Showing	1 to 3 of 3 Previous Next
Persistent Stores Foreign JNDI Providers Work Contexts XML Registries	Dat	ta Sources (Filtered - Morr k the <i>Lock & Edit</i> button in th		ate all the buttons on the	page.	1	Showing argets	1 to 3 of 3 Previous Next
- Persistent Stores - Foreign JUD Providers - Work Contexts - XML Registries - XML Control Codes - JCOM - Mail Sessions - File T3 -	Dat Cid	ta Sources (Filtered - More k the Lock & Editbutton in the ew Y Delete						1 to 3 of 3 Previous Next
Persistent Stores Proregn JVD Povders Work Contexts WML Entry Caches TCOM Mail Seasons File T3 Word of Lu Coeste JDBC generic data sources	Dat Cid	ta Sources (Filtered - Mor k the <i>Lock & Edit</i> button in th ew Delete Name &		Туре	JNDI Name	M	argets	1 to 3 of 3 Previous Next
Persistent Stores Foreign JNDI Providers	Dat Cid	ta Sources (Filtered - More k the Lock & Editbutton in the www.Delete Name & FCUBS113		Type Generic	JNDI Name Jdbc/fcjdevDS	M	argets	1to 3 of 3 Previous Next
H Persistent Stores Persistent Stores		ta Sources (Filtered - Honr k the Lock & Editbutton in the every Delete Ruber 113 PCUBS113 PCUBS113Pendh		Type Generic Generic	JNDI Name Jdbc/fcjdevDS Jdbc/fcjdevDSBranch	M	anagedServer 1 lanagedServer 1 dminServer	1 to 3 of 3 Previous Next
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Presistent Stores Process TVD Providers Work Contexts Work Work Contexts Work Work Context		ta Sources (Filtered - Hon k the Lock & Editbutton in the ev > Detete FCUBS 113 FCUBS 113Pendh RETEST.WORLD		Type Generic Generic	JNDI Name Jdbc/fcjdevDS Jdbc/fcjdevDSBranch	M	anagedServer 1 lanagedServer 1 dminServer	
Heelet of Running Servers		ta Sources (Filtered - Hon k the Lock & Editbutton in the ev > Detete FCUBS 113 FCUBS 113Pendh RETEST.WORLD		Type Generic Generic	JNDI Name Jdbc/fcjdevDS Jdbc/fcjdevDSBranch	M	anagedServer 1 lanagedServer 1 dminServer	

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



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

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

Note the following

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



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

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

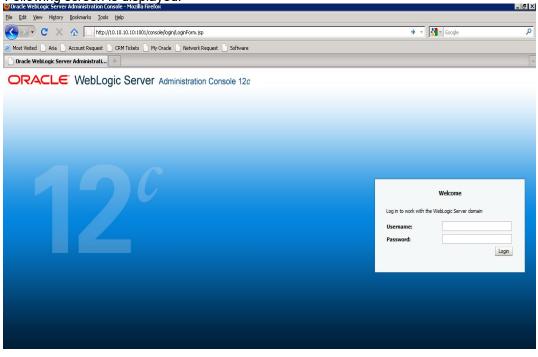
7.2.2 JMS Server Creation

Follow the steps given below:

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

http://10.10.10.10.10:1001/console Eg: http://10.10.10.10.101/console

Following screen is displayed:



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



🗲 🕞 🔻 🙋 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=HomePage1		👻 🖘 🗙 Google Powered Pandion Search 🖉
e Edit View Favorites Iools Help McAfee /			
🖗 🌈 Home Page - fcubs113_domain - '	WLS Console		🟠 🔹 🗟 🔹 🖶 😨 Page 🕶 🎯 Tools 🤜
	Administration Console		Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home		
lick the Lock & Edit button to modify, add or elete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
omain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
ubs113_domain - Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments }-Services	- Domain Configurations		
- Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
ow do I	Coherence Servers	 Persistent Stores 	Request Performance
	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
Record WLST Scripts	 Startup And Shutdown Classes 	 Work Contexts 	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	 Monitoring Dashboard IP
	Deployments	FileT3	
ystem status		• JTA	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Overloaded (0)			

4. Following screen is displayed:



C Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows Int	ternet Explorer						
🔆 💽 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel	=JmsServerJMSServerTablePage		✓ 47 ×	Google Powered Pandion Search			
Ele Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee /								
😭 🏟 🌈 Summary of JMS Servers - fcubs113	3_domain - WLS C			<u>ن</u>	• 🔊 👘 • 🔂 Page • 🎯 Tgols •			
ORACLE WebLogic Server®	Administration Console				Ŏ			
Change Center	🔒 Home Log Out Preferences 🔤 Re	ecord Help		Welcome, we	blogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Servers						
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers							
Lock & Edit Release Configuration	-	iners for the queues and topics in JMS modules that ar that have been created in the current WebLogic Serv	-					
Domain Structure fcubs 113_domain #-EnvironmentDeploymentsServicesdeploymentsDeployment	Customize this table JMS Servers (Filtered - More Colu Click the <i>Lock & Edit</i> button in the Chi	mns Exist) ange Center to activate all the buttons on this page.						
-Messaging					Showing 0 to 0 of 0 Previous Next			
Store-and-Forward Agents	🗌 Name 🔅 🛛	Persistent Store	Target	Current Server	Health			
Path Services ⊡-Bridges		There an	e no items to display					
Data Sources Persistent Stores Foreign JNDI Providers Work Contexts Work Contexts	New: Delete Showing 0 to 0 of 0 Prevous Next							
How do L								
Configure JMS servers Configure JMS servers Configure JMS system modules System Status Health of Running Servers Critical (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_d	domain - WLS Console - Windows I	nternet Explorer						
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLab	el=JmsServerJMSServerTablePage		🗸 😽 🗙 🛛 Google Pov	vered Pandion Search			
Eile Edit View Favorites Iools Help • McAfee // +								
😭 🏟 🏀 Summary of JM5 Servers - fcubs113	3_domain - WLS C			🙆 • 🔊 ·	🖶 🔹 🔂 Page 🔹 🍈 Tools 🔹 🎽			
	Administration Console				Q 🖉			
Change Center	🔒 Home Log Out Preferences 🔤 F	Record Help		Welcome, weblogic Co	nnected to: fcubs113_domain			
View changes and restarts								
No pending changes exist. Click the Release Configuration button to allow others to edit the Gomen. Section 2010 Control Contr								
Lock & Est. JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.								
Release Configuration	This page summarizes the JMS serve	rs that have been created in the current WebLogic Serv	ver domain.					
Domain Structure	main Structure 🕒 Customize this table							
fcubs113_domain								
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				Current Server				
JMS Modules	New Delete	inere ar	e no items to display	chautra -	0 to 0 of 0 Previous Next			
Bridges	NOW DOUGO			Showing	o to o or o Previous (Next			
Data Sources Persistent Stores								
Foreign JNDI Providers								
How do Im								
Configure JMS servers								
Configure JMS servers Configure JMS system modules								
Surtan Statur								
System Status								
Health of Running Servers								
Failed (0) Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								



6. Click 'New'.

Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer		
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=JmsServerCreateJMSServer&JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/cons	sole, 🛩 🔄 🗙 Google Powered Pandion Search .	<mark>،</mark> م
File Edit View Favorites Tools Help			
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😤 🏟 🏉 Create a New JMS Server - fcubs11	13_domain - WLS C	🏠 🔹 🔝 👘 👘 🖬 Page 🕶 🎯 Tools	- "
	Administration Console	<u> </u>	^
Change Center	Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_doma	in
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		
Lock & Edit	JMS Server Properties		
Release Configuration	The following properties will be used to identify your new JMS Server.		
Domain Structure	* Indicates required fields		
fcubs113_domain	What would you like to name your new JMS Server?		
Environment Deployments	what would you like to name your new JMS Server?		
₽-Services	# Name: FCUBS_JMSServer		
Store-and-Forward Agents	Specify persistent store for the new JMS Server.		
	Persistent Store: (none) 🗸 Create a New Store		
⊞-Bridges			
Data Sources	Back Next Finish Cancel		
Foreign JNDI Providers			
Here de T			
HOW 00 1			
Configure JMS system modules Configure custom persistent stores			
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.
-----------------	---------------------------------

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



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

Following screen is displayed:

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

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

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



11. Click 'Next'.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/com	nsole/console.portal?3ms5erverCreate3MS5erverPortlet_actionOverride=/com/bea/console/actions/jms/stores/createjmsfilestore/finish	🖌 🛃 🔀 Google Powered Pandion Search
Elle Edit View Favorites Tools Help		
🚖 🕸 🌈 Create a New JMS Server - fcubs11	I3_domain - WLS C	🟠 🔹 🔝 🔹 🖶 🔹 🔂 Eage 👻 🎯 Tools 🗸 🍟
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 Messages	
Pending changes exist. They must be activated to take effect.	✓ File store created successfully.	
Activate Changes	Create a New JMS Server	
Undo All Changes	Back Next Finish Cancel	
Domain Structure	JMS Server Properties	
	The following properties will be used to identify your new JMS Server. * Indicates required fields What would you like to name your new JMS Server? What would you like to name your new JMS Server?	
Configure custom persistent stores		
Suctom Statur		
System Status		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
G + ktp://10.184.74.143:8888/com	nsole/console.portal?3ms5erverCreate3M55erverPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/selectTargets	Google Powered Pandion Search
Eile Edit View Favorites Tools Help		
😭 🏘 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🏠 🔹 🔝 👘 🖶 🖬 Page 🔹 🎯 Tools 🗸 🍟
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
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	
Demois Churchure	Select the server instance or migratable target on which you would like to deploy this JMS Server.	
Domain Structure Fubs113_domain ① Environment ① Environments ② Services ② Services ① Hessaging ① Hossaging ② Configure 2MS system modules • Configure 2MS system modules • Configure 2MS system modules	Target: ManagedServer(v Back Text Finish 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_	_domain	n - WLS Console - Windows Interne	t Explorer			- 8
🔁 🕤 🔻 🙋 http://10.184.74.143:8888/cc	onsole/cor	onsole.portal?_nfpb=true&_pageLabel=JmsS	erverJMSServerTablePage		Google Powere	d Pandion Search
je Edit Vjew Favorites Iools Help ● McAfee // ・						
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	Admin	nistration Console				Q
hange Center	6	Home Log Out Preferences 🔤 Record H	Help		Welcome, weblogic Conne	cted to: fcubs113_domain
iew changes and restarts	Ho	ome >Summary of JDBC Data Sources >FLEXT	EST.WORLD >Summary of JMS Servers			
ending changes exist. They must be activated o take effect.		ssages IMS Server created successfully				
Activate Changes	Gum	nmary of JMS Servers				
Undo All Changes	Juli	initiary of JF15 SCIVEIS				
ondo Ali ondigeo		114C	or the queues and topics in JMS modules that a			
omain Structure				-		
ubs113 domain	T	This page summarizes the JMS servers that h	ave been created in the current WebLogic Ser	ver domain.		
Environment						
Deployments	₽c	Customize this table				
Services		uc carrow (characterized and calarate				
-Messaging	JI	MS Servers (Filtered - More Columns E	xist)			
Store-and-Forward Agents		New Delete			Showing 1 to	1 of 1 Previous Next
JMS Modules	1.10					
Path Services		🔲 Name 🗠	Persistent Store	Target	Current Server	Health
I⊞-Bridges Data Sources		FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
Persistent Stores		FCUBS_JMSServer	rcobs_niestore	Manageuserveri	Manageuserveri	
Foreign JNDI Providers		New Delete			Showing 1 to	1 of 1 Previous Next
Work Contexts						
low do I						
Configure JMS servers						
Configure JMS system modules						
vistom Statur	- -					
ystem Status						
ealth of Running Servers						
Failed (0)	1					
Critical (0)	I					
Overloaded (0)	I					
Overloaded (0) Warning (0) OK (2)						

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

7.2.3 JMS Modules Creation

Follow the steps given below:

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



The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
🚱 🕤 👻 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
Eile Edit Yiew Favorites Tools Help		
👷 🏟 🌈 JM5 Modules - fcubs113_domain - V	WLS Console	🏠 🔹 🔝 🔹 🖶 🔹 📴 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 >Summary of JDBC Data Sources >FLEXTEST.WOR	RLD >Summary of JMS Servers >JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	JMS Modules	
Lock & Edit Release Configuration	3WS system resources are configured and stored as modules similar to standard JIEE modules. Such resources include queues, topic distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively conf resources. This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure fcubs113 domain		
D-Environment	Customize this table	
Deployments Services	JMS Modules	
i ⊡-Messaging	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.	
		Charles One Oxfor Desiders Next
JMS Modules	INCM DODE	Showing 0 to 0 of 0 Previous Next
Path Services ⊞-Bridges	🔲 Name 🗞 Type	
Data Sources	There are no items to display	
Foreign JNDI 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)		

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

🤇 JMS Modules - fcubs113_domain - WLS	S Console - Windows Internet Explorer			
😋 🕞 👻 🛃 http://10.184.74.143:88886/con		4.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=	JmsModulesTablePage 🗸 🔄 K Google Powered Pandion Search 🖉 🔹	
Ele Edit View Favorites Tools Help • McAfee / •				
🚖 🏟 🦉 2M5 Modules - Foubs113_domain - WLS Console				
	Administration Console		Q 🙆	
Change Center	🏦 Home Log Out Preferences 📐 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO	RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FL	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	JMS system resources are configured and stored as distributed queues, distributed topics, foreign server resources. This page summarizes the JMS system modules that i	s, and JMS store-and-forward (SAF) parameters. You can adminis	queues, topics, connection factories, templates, destination keys, quota, tratively configure and manage JMS system modules as global system	
Domain Structure	1			
fcubs113_domain	Customize this table			
Services Hessaging Homessaging	New Delete		Showing 0 to 0 of 0 Previous Next	
····Store-and-Forward Agents	🔲 Name 🗇		Туре	
		There are no items to display		
-Bridges -Data Sources	New Delete		Showing 0 to 0 of 0 Previous Next	
Persistent Stores Foreign JNDI Providers				
Work Contexts				
How do I	1			
Configure JMS system modules				
Configure resources for JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				



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

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

Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

4. Click 'Next'.



The following screen is displayed.

🖉 Create JMS System Module - fcubs113	3_domain - WLS Console - Windows Internet Explorer	a 🗙
	nsole/console.partal?Create.JMSSystemModulePartlet_actionOverride=/com/bea/console/actions/jms/modules/system/createmodule/selectTargets 💌 🙀 🗙 Google Powered Pandion Search	P-
Eile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee [•]		
🚖 🎄 🌈 Create JMS System Module - fcubst	113_domain - WL5 👘 🐐 🔂 👘 👘 😰 Baye + 🕼 Too	ls • "
ORACLE WebLogic Server®	Administration Console	⊇ _^
Change Center	🟦 Home Log Out Preferences 🖾 Record Help	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JHS System Module	
domain.	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module.	
Domain Structure	Use this page to select the server or duster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish.	
fcubs113 domain	Targets :	
Environment		
Deployments		
P-Services □ P-Messaging	Servers	
JMS Servers		
Store-and-Forward Agents	AdminServer	
Path Services	V ManagedServer1	
Bridges		
Data Sources		-
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers		
Work Contexts		_
How do I		
 Configure JMS system modules 		
Configure JMS servers		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

🔆 Create JMS System Module - fcubs113_domain - WLS Console - Windows Internet Explorer 🗧 🖻 🔀				
🔆 🐑 🕡 http://10.184.74.143.8888/consele.con				
Ele Edit View Favorites Iools Help				
🚖 🎄 🌈 Create JMS System Module - fcubs1	13_domain - WL5		🏠 🔹 🔝 🔹 🖶 🔹 🔂 Page 🗸 🎯 Tools 🗸 🎽	
	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.WORL	LD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Sum	mary of JMS Servers >JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create JHS System Hodule Back Text Finish Cancel Add resources to this JHS system module Image: Concel I	tely add resources to this JMS system module after it is created. JMS resources include		
Domain Structure	Use this page to indicate whether you want to immedia	tely add resources to this JMS system module after it is created. JMS resources include	e queues, topics, connection factories, etc.	
	Would you like to add resources to this JHS	: system module?		
System Status				
Health of Running Servers Paled (0) Critical (0) Overloaded (0) Warning (0) OK (2)				



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

🔾 😔 👻 http://10.184.74.143:8888/console/console.portal	Soogle Powered Pandion Search	
le <u>E</u> dit ⊻iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
McAfee'		
🕻 🏘 🌈 JM5 Modules - fcubs113_domain - WLS Console		🏠 👻 🔝 👘 🖶 Page 🕶 🎯 Tgols •
	Console	Q
Change Center	Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domain
	ary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC	Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
ending changes exist. They must be activated Messages		
o take effect. 🛛 🗸 The JMS m	nodule was created successfully.	
Activate Changes JMS Modules		
Undo All Changes		
JMS system r	resources are configured and stored as modules similar to standard J2EE modules. Such re	esources include queues, topics, connection factories, templates, destination keys, quota,
omain Structure distributed que resources.	ueues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters.	. You can administratively configure and manage JMS system modules as global system
ubs113_domain		
Environment This page sur	mmarizes the JMS system modules that have been created for this domain.	
Services		
E Messaging Customize	this table	
JMS Servers Store-and-Forward Agents	25	Showing 1 to 1 of 1 Draviour Nev+
	25	Showing Ito 1of 1 Previous Next
How of the server's	25	Showing its 1 of 1 Previous Next Type
	ts intr ie ŵ	Туре
Hessign y Hessign y	25	
Hard Servers Store-and-Forward Agents High Servers Hard Services Part Services Part Services Part Services Part Services Forces Forces Forces Forces New Contexts New Contexts New Contexts New Contexts New Contexts	25 Inter Re & S_SystemModule	Туре
Hardings Servers Hardings Hardi	25 Inter Re & S_SystemModule	Type System
Heading Servers H	25 Inter Re & S_SystemModule	Type System
Market Store and Forward Agents Market Store and Forward	25 Inter Re & S_SystemModule	Type System
Max Servers Servers Store-and-Forward Agents JHS Hodules Path Services Path S	25 Inter Re & S_SystemModule	Type System
Mis Servers Mis Mis Servers Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis Mis	25 Inter Re & S_SystemModule	Type System
Ministry Servers Ministry Servers Ministry Servers Ministry Servers Ministry Ministr	25 Inter Re & S_SystemModule	Type System
MAS Servers Marketservers Marketser	25 Inter Re & S_SystemModule	Type System
Servers Mis Servers Servers Servers Servers Servers Servers Servers Faled (0)	25 Inter Re & S_SystemModule	Type System
Image: Servers JHS Hodule Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: Store and Forward Agents Image: The Agents Image: Store agents <tr< td=""><td>25 Inter Re & S_SystemModule</td><td>Type System</td></tr<>	25 Inter Re & S_SystemModule	Type System
Servers Mis Servers Servers Servers Servers Servers Servers Servers Faled (0)	25 Inter Re & S_SystemModule	Type System

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

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

🖉 JMS Modules - fcubs113_domain - WLS Co	onsole - Windows Internet Explorer		
	a/console.portal?_nfpb=true&_pageLabel=http://10.184	4.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
Eile Edit View Favorites Tools Help • McAfee			
🚖 🏟 🌈 JMS Modules - fcubs113_domain - WLS C	Console		🏠 🔹 🔝 👘 🖶 🔛 Bage 🔹 🍥 Tools 🔹 🍟
	ministration Console		Q 🗠
Change Center 1	🖬 Home Log Out Preferences 🔤 Record Help	Q W	Velcome, weblogic Connected to: fcubs113_domain
View changes and restarts		RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summa	ry of JMS Servers > JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been activated. No restarts are n	necessary.	
Lock & Edit	JMS Modules		
Release Configuration			
Domain Structure	JMS system resources are configured and stored as m distributed queues, distributed topics, foreign servers resources.	nodules similar to standard J2EE modules. Such resources include queues, topics, connecti s, and JMS store-and-forward (SAF) parameters. You can administratively configure and m	on factories, templates, destination keys, quota, anage JMS system modules as global system
fcubs113_domain			
-Environment -Deployments	This page summarizes the JMS system modules that h	lave been created for this domain.	
Services	Customize this table		
-MessagingJMS Servers	Customize this table		
Store-and-Forward Agents	JMS Modules		
	Click the Lock & Edit button in the Change Center to	activate all the buttons on this page.	
Path Services			Showing 1 to 1 of 1 Previous Next
Data Sources	New Delete		Showing 1 to 1 of 1 Previous Next
Persistent Stores	Name 🗇		Type
Foreign JNDI Providers Work Contexts			
	FCUBS_SystemModule		System
How do I			Showing 1 to 1 of 1 Previous Next
Configure JMS system modules			
Configure resources for JMS system modules			
Sustan Status			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			



7.2.4 Subdeployment Creation

Follow the steps given below:

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

The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
🚱 🕤 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=http	://10.184.74.143 💌 🐓 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit Yiew Favorites Tools Help		
😭 🏟 🏀 JMS Modules - fcubs113_domain - V	MLS 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 >FLEXT	EST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules JMS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include que,	na bala assestia fatala tambia datatia kuu auta
Lock & Edit Release Configuration	derbinkted unsul uns der bünnighen Brückler ein Houdes beite für stal der unsuler zweiters zwei resources in here beite resources. This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure		
fcubs113_domain Environment Deployments Services	Customize this table JHS Hodules	
-Services -Messaging	New Delete	Showing 1 to 1 of 1 Previous Next
····JMS Servers ····Store-and-Forward Agents ····JMS Modules	□ Name ↔	Туре
Path Services	FCUBS_SystemModule	System
B-Bridges Data Sources Persistent Stores Foreign JNDI Providers Work Contexts Work Contexts Work Contexts	New. Delete	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 Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)		

2. Click 'Lock & Edit' button.



3. Select the JMS module created earlier.

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

4. Click 'Subdeployments' tab.

Settings for FCUBS_SystemModule - fc	ubs113 domain - Wi S Console - W	indows Internet Explore	ar	
	_		eu symentTabPage8handle=com.bea.console.handles.JMXHandle%28%2	
	isole/console.portal/_nrpp=truetx_pageLabe	a=umooystemmoduleoubulepid	symenciadrageonancie≕com.dea.console.nancies.j≈xmancie%20%2	Coogle Powered Pandion Search
Eile Edit View Favorites Tools Help				
🔆 🏟 🍘 Settings for FCUB5_SystemModule	- fcubs113_domai			🟠 🔹 🔝 🔹 🖶 🔹 🔂 Bage 🔹 🎯 Tgols 🔹 🎽
	Administration Console			Q
Change Center	🏠 Home Log Out Preferences 🔤 R	ecord Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources Modules >FCUBS_SystemModule	FLEXTEST.WORLD >Summary	of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Si	ummary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModule			
Lock & Edit	Configuration Subdeployments	Targets Security Notes	5	
Release Configuration	This page displays subdeployments or grouped and targeted to a server res	eated for a JMS system modul ource (such as JMS servers, s	le. A subdeployment is a mechanism by which JMS module resources (su erver instances, or cluster).	uch as queues, topics, and connection factories) are
Domain Structure				
fcubs113_domain	Customize this table			
Deployments Services	Subdeployments			
E-Messaging	New Delete			Showing 0 to 0 of 0 Previous Next
	🔲 Name 🚕	1	Resources	Targets
JMS Modules			There are no items to display	
⊕-Bridges Data Sources	New Delete			Showing 0 to 0 of 0 Previous Next
Persistent Stores				
Foreign JNDI Providers Work Contexts				
How do L.				
Configure subdeployments in JMS system				
modules				
Configure JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				



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

🖉 Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
🕒 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?3ms5ystemModuleCreateSubDeploymentPortletreturnTo=3MS5ystemModuleS	ubDeploymentTabPage&JMSSystemModuleSubDr 💙 🐓 🗙 Google Powered Pandion Search 🖉 🕨
Elle Edit Yiew Favorites Tools Help		
😭 🏘 🌈 Create a New Subdeployment - fcut	113_domain - W	🛐 👻 🔝 👘 🖶 Page 🕶 🎯 Tgols 🕶 🎽
ORACLE WebLogic Server®	Administration Console	Q 🤷
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summar Modules > FCUBS_SystemModule	y 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 Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Subdeployment Properties	
Domain Structure	The following properties will be used to identify your new subdeployment.	
fcubs113 domain	* Indicates required fields	
Environment	* Subdeployment Name:	
Deployments Services	- Subdeployment Name: FCUBS	
i ⊡-Messaging	Back Next Finish Cancel	
JMS Modules		
Path Services B-Bridges		
Data Sources		
Persistent Stores Foreign JNDI Providers		
Work Contexts		
How do I		
 Configure subdeployments in JMS system modules 		
modules		
System Status		
Health of Running Servers		
Falled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

The following screen will be displayed.

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

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



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

Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Windows Int	ernet Explorer	
🚱 🕤 🔻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=JMSSystem	ModuleSubDeploymentTabPage	Google Powered Pandion Search
Ele Edit View Favorites Iools Help • McAfee // •			
😭 🏟 🏀 Settings for FCUBS_SystemModule	- fcubs113_domai		🏠 👻 🗟 🝸 🖶 🖕 Bage 👻 🎯 Tools +
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS_SystemModule	ORLD >Summary of JMS Servers >Summary of JDBC Data Sources	s >FLEXTEST.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Messages		
Activate Changes	Subdeployment created successfully.		
Undo All Changes	Settings for FCUBS_SystemModule		
Childo Ali Chilanges	Configuration Subdeployments Targets	Security Notes	
Domain Structure			
⊕ Environment ⊕ Environment ⊕ Services ⊕ Messaging ← Messaging ← Store-and-Forward Agents ← Total Services	grouped and targeted to a server resource (such a Customize this table Subdeployments New Delete	s JMS servers, server instances, or cluster).	Showing 1 to 1 of 1 Previous Next
B-Bridges	🔲 Name 🔅	Resources	Targets
Persistent Stores Foreign JNDI Providers	FCUBS		FCUBS_JMSServer
How do L	New Delete		Showing 1 to 1 of 1 Previous Next
 Configure subdeployments in JMS system modules 			
Configure JMS system modules			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

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

🕽 🕤 👻 🙋 http://10.184.74.143:8888/d	console/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console	.portal?_nfpb=true&_pageLabel=JMSSystemModuleSut 🝸 🐓 🔀 🛛 Google Powered Pandion Search
ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee` ∕∕ →		
🕈 🕸 🌈 Settings for FCUB5_SystemModu	le - fcubs113_domai	🟠 👻 📾 👻 🔂 2age + 🎯 T
	Administration Console	
Thange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_do
/iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers > Modules >FCUBS SystemModule	Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages	
Lock & Edit	All changes have been activated. No restarts are necessary.	
Release Configuration	Settings for FCUBS_SystemModule	
voicago contiguiation	Configuration Subdeployments Targets Security Notes	
-Services	₽ Customize this table	
	Customize this table Subdeployments Click the Lock & Editbutton in the Change Center to activate all the buttons on this Them Desite	page. Showing ito lof i Previous Nex
⊖ Messaging → MS Servers → Store-end-Forward Agents → Path Services B ⁺ -Path Services B ⁺ -Bindges → Data Sources → Persistent Stores → Foreign 2010 Forviders → Enderson Control Stores → Enderson	Subdeployments Click the Lock & Editbutton in the Change Center to activate all the buttons on this Itery Decke Itame Resources	
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⊖ Messaging → Store-and-Forward Agents → 3K5 Modules → Path Services ⊕ Frankges → Data Sources → Persistent Stores → Persistent Stores → Persistent Stores	Subdeployments Click the Lock & Editbutton in the Change Center to activate all the buttons on this Terry Desite Iname A Resources FLUBS	Showing I to 1 of 1 Previous Nex Targets
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Chessaging —MS Servers —MS Servers —MS Servers —MS Servers —MS Modules —Path Services —Path Services —Path Services —Path Services —Path Services —MS Modules —MS Mo	Subdeployments Clck the Lock & Editbutton in the Change Center to activate all the buttons on this New Decke Image: Image Center to activate all the buttons on this New Decke Image: Image Center to activate all the buttons on this New Decke Image: Image Center to activate all the buttons on this Image: Image Center to activate all the buttons on this Image: Image Center to activate all the buttons on this Image: Image Center to activate all the buttons on this Image: Image Center to activate all the buttons on this Image: Image Center to activate all the buttons on the center to activate all the buttons on th	Showing 1 to 1 of 1 Previous Nex Targets FCUBS_MISServer
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7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

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

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



The Following screen is displayed.

🕒 🕞 👻 🖉 http://10.184.74.143:8888/co	onsole/console.portal?_nfpb=true&_pageLabel=3M	155ystemModuleConfigGeneralPage	v 49	K Google Powered Pandion Search
je Edit View Favorites Tools Help D McAfce /				
🖌 🏶 🏈 Settings for FCUBS_SystemModule	- fcubs113_domai			🟠 🔹 🔝 👘 👘 🖶 Bage 🕶 🍈 Tools
	Administration Console			Ģ
hange Center	🔒 Home Log Out Preferences 🔤 Record	d Help	Welcon	ne, weblogic Connected to: fcubs113_doma
View changes and restarts	Home >Summary of JDBC Data Sources >FLE> Modules >FCUBS_SystemModule	XTEST.WORLD >Summary of JMS Servers >Summary of JDB	3C Data Sources > FLEXTEST.WORLD > Summary of J	MS Servers >JMS
Io pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule			
lomain.	Configuration Subdeployments Target	ets Security Notes		
Release Configuration	This page displays general information abo	ut a JMS system module and its resources. It also allows	you to configure new resources and access existin	g resources.
omain Structure	Name:	FCUBS_SystemModule	The name of this JMS system r	nodule. More Info
Environment	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module d	lescriptor file. More Info
-Services -Messaging JMS Servers	This page summarizes the JMS resources the destination quota, distributed destinations,	hat have been created for this JMS system module, inclue , foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	
1-Services ☐ Messaging ↓ 3MS Servers ↓ 3MS Molduels ↓ 3MS Molduels ↓ Path Services ⊕ Pridges ↓ Tota Sources	destination quota, distributed destinations, Customize this table Summary of Resources	hat have been created for this JMS system module, inclu , foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	ories, JMS templates, destination sort keys,
Services Hessaging Hassaging Hild Servers Store-and-Forward Agents Hassaging Hassaging Hassaging Deta Sources "Persistent Stores "Foreign NUD Providers	destination quota, distributed destinations,	hat have been created for this JMS system module, inclu , foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	
D Services → Messaging → Storevers → Storevers → Storevers → Storevers → Path Shodules → Path Services → Path Services → Data Sources → Data Source	destination quota, distributed destinations, Customize this table Summary of Resources New Credit	hat have been created for this JMS system module, indue, indue, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	n - , JMS templates, destination sort keys,
T-services → Messaying → Servers → Storeand-Gerward Agents → Storeand-Gerward Agents → Path Sources → Path Sources → Path Sources → Path Sources → Path Sources → Path Sources → Work Contexts ♥ Work Contexts ♥ Work Context ♥ ■	destination quota, distributed destinations, Customize this table Summary of Resources New, Dects	foreign servers, and store-and-forward parameters.	Subdeployment	showing 0 to 0 of 0 Previous Next
Diservices → Messaging → Servers → JNS Servers → Storeand Gerward Agents → Path Soluces → Path Services → Path Sources → Path Sources → Path Sources → Path Sources → Path Sources → Work Contexts ▼ Configure ± JMS system modules Configure ± JMS system modules	destination quota, distributed destinations, Customize this table Summary of Resources New, Dects	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	showing 0 to 0 of 0 Previous Next
	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
-Services	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
Services Messaging M	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
-Spruces -Sp	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
-Spruces -Sp	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
"Services "	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
-services	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next
Gongure JMS Servers How on Afformation How on Afformati	destination quota, distributed destinations, Customize this table Summary of Resources New Delete Hame $$ Ty	foreign servers, and store-and-forward parameters. ype JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous Next



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

Create a New JMS System Module Re	esource - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚫 👻 🙋 http://10.184.74.143:8888/	console/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateS	iystemModuleEntityPortletcurrentModule=FCUBS_Syster 🗹 😚 🗙 Google Powered Pandion Search 🛛
Edit View Favorites Tools Help McAfee /		
🛠 🏾 🏉 Create a New JMS System Modul	le Resource - faubs11	🖄 👻 🔝 👘 🖶 Bage 🕶 🎯 Tgols
	Administration Console	Q
nge Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
v changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers > Modules >FCUBS_SystemModule	Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
ending changes exist. Click the Release iguration button to allow others to edit the ain.	Create a New JHS System Module Resource	
	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
ain Structure	Use these pages to create resources in a JMS system module, such as queues, topic	s, templates, and connection factories.
113_domain nvironment ieployments ervices	Depending on the type of resource you select, you are prompted to enter basic info factories, distributed queues and topics, foreign servers, and JMS SAF destinations, targetable resources with subdeployments, which is an advanced mechanism for gro	mation for creating the resource. For targetable resources, like stand-alone queues and topics, connection you can also proceed to targeting pages for selecting appropriate server targets. You can also associate uping JMS module resources and the members to server resources.
	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. $\hfill More Info$
JMS Modules Path Services EtBridges Data Sources	• Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. Where info
Persistent Stores Foreign JNDI Providers Work 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. Note infin
do I Endotes for destinations	Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. More Info
nfigure JMS templates nfigure destination keys	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
nfigure topics nfigure queues	🔿 Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More $Info$
nfigure connection factories nfigure uniform distributed topics nfigure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More $\ensuremath{\mathrm{Info}}\xspace\ldots$
nfigure foreign servers nfigure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
Ellistatus	JM5 Template	Defines a set of default configuration settings for multiple destinations. More Info
th of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported in the local dustor or server instance, so that the local server instance or duster can send messages to the remote server instance or duster.
		📢 Local intranet 🔍 100%



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

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Win	dows Internet Explorer		- 5 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?JmsCreateSystemModuleEntityPortlet_	actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE	intit 🔽 😽 🗙 🛛 Google Powered Pandion Search	P •
Ele Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee //				
🔆 🏟 🍘 Create a New JMS System Module R	tesource - fcubs11		🏠 🔹 🔝 🐇 🖶 🖬 🛃 Bage 🕶	🍈 T <u>o</u> ols 👻
	Administration Console			Q ^
Change Center	🙆 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113	3_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule	ORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >!	Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource			
Lock & Edit	Back Next Finish Cancel			
Release Configuration	JMS Destination Properties			
Domain Structure	The following properties will be used to identify your	new Queue. The current module is FCUBS_SystemModule.		
fcubs113_domain	* Indicates required fields			
Services Hessaging JMS Servers	* Name: NOTIFY_DEST_QUE	UE		
····Store-and-Forward Agents ····JMS Modules ····Path Services	JNDI Name: NOTIFY_DEST_QUE	UE		
i⊞-Bridges Data Sources	Template: None 💌			
Persistent Stores Foreign JNDI Providers Work Contexts	Back Next Finish Cancel			
How do I				
Configure quotas for destinations				
Configure JMS templates				
Configure destination keys Configure topics				
Configure topics Configure queues				
Configure connection factories				
Configure uniform distributed topics				
Configure uniform distributed queues				
Configure foreign servers				
Configure JMS SAF				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				~
Done			Succal intranet 🔍	100% •

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

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



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🕤 👻 🙋 http://10.184.74.143:8888/con	sole/console.portal	Google Powered Pandion Search
Ele Edit View Favorites Iools Help		
👷 🎄 🌈 Create a New JMS System Module R	esource - foubs11	🛐 🔹 🗟 🔹 🖶 🖬 🖬 🖓 Bage 🕶 🎯 Tools 📼 🎽
	Administration Console	Q 📤
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home »Summary of JDBC Data Sources »FLEXTEST.WORLD »Summary of JMS Servers »Summary of JDBC Data Sources »FLEX Modules »FCUBS_SystemModule	FEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs 113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which SAP agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdeployment button, module's subdeployment management page.	IMS resources are grouped and targeted to a server instance, duster, or You can also reconfigure subdeployment targets later by using the parent
Deployments Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
-MessagingJMS Servers	Subdeployments: FCUBS V Create a New Subdeployment	
Store-and-Forward Agents JMS Modules	What targets do you want to assign to this subdeployment?	
Bridges	Targets :	
Data Sources Persistent Stores		
Foreign JNDI Providers Work Contexts	JMS 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		
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



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

🖉 Settings for FCUBS_SystemModule - fc	ubs113_domain	- WLS Console -	Windows Ir	nternet Explore	ır.			- 7 >
🚱 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?_	nfpb=true&_pageLa	bel=JMSSyste	emModuleConfigGer	neralPage	💌 (Google Powered Pandion Search	P .
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🚖 🏟 🌈 Settings for FCUB5_SystemModule -	fcubs113_domai					â	• 🔝 - 🆶 • 🔂 Bage • 🥘	Tools 🔹
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Change Center	Home Log O	ut Preferences 🔤	Record Help		Q	Welcome, w	eblogic Connected to: fcubs113_	domain
View changes and restarts	Home >Summary Modules >ECUB	/ of JDBC Data Source 5 SystemModule	s >FLEXTEST.	WORLD >Summary	of JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Se	ervers >JMS	
Pending changes exist. They must be activated to take effect.	Messages							
Activate Changes	🖋 The JMS Qu	eue was created suc	cessfully					
	Settings for FCL	IBS_SystemModu	le					
Undo All Changes		Subdeployments		Security Notes				
Domain Structure				,				
fcubs113_domain	This page displ	ays general informat	on about a JN	4S system module a	nd its resources. It also allows you to configure	e new resources and access existing res	purces.	
₽-Services	Name:	Name: FCUBS_SystemModule The name of this JMS system module						
E-Messaging →JNS Servers →Store-and-Forward Agents →JMS Modules →PAth Services	Descriptor File Name: jms/FCUB5_SystemModule-jms.xml The name of the JMS module descriptor file. More Info This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys,						,	
B-Bridges Data Sources Persistent Stores Foreign JNDI Providers Work Contexts	Customize th	iis table	nations, foreig	gn servers, and sto	e-and-forward parameters.			
How do I	New Delet						Showing 1 to 1 of 1 Previous N	vext
Configure JMS system modules Configure subdeployments in JMS system	Name	۵		Туре	JNDI Name	Subdeployment	Targets	
 Configure resources for JMS system modules 	NOTIFY	_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
System Status	New Delet	e				1	Showing 1 to 1 of 1 Previous N	vext
Health of Running Servers								
Failed (0) Critcal (0) Overloaded (0) Warning (0) OK (2) OK (2)								
UK (2)								



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

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

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

7.2.6 JMS Connection Factory Creation

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



1. Click 'New'.

Settings for FCUBS_SystemModule - fo	cubs113_domain	- WLS Console -	Windows Internet Expl	orer		2	
😋 💽 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?	_nfpb=true&_pageLa	bel=http://10.184.74.143:8	388/console/console.portal?_nfpb=tru	e&_pageLabel=http://10.184.74.143	Google Powered Pandion Search	
<u>Eile Edit Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee'							
😭 🔅 🧭 Settings for FCUBS_SystemModule	- fcubs113_domai					🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🖛 🍈 Tgols 🔹	
ORACLE WebLogic Server®	Administration C	onsole				Q	
Change Center	Home Log (Out Preferences 📐	Record Help	Q	۷	Velcome, weblogic Connected to: fcubs113_domain	
View changes and restarts		ry of JDBC Data Source IS_SystemModule	s >FLEXTEST.WORLD >Summ	ary of JMS Servers >Summary of JDBC I	Data Sources > FLEXTEST.WORLD > Summ	ary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FC	UBS_SystemModu	le				
Lock & Edit	Configuration	Subdeployments	Targets Security No	es			
Release Configuration	This page disp	lavs general informati	on about a 1MS system mode	le and its resources. It also allows you	to configure new resources and access	evisting resources	
Demois Churchurg	This page disp	ays general mornad	on about a sins system mout	le and its resources. It also allows you	to complete new resources and access	existing resources.	
Domain Structure fcubs113_domain	Name:		FCUBS_System	Module	The name of this JMS s	ystem module. More Info	
Environment Deployments Services	Descriptor Fil	e Name:	jms/FCUBS_Sys	temModule-jms.xml	The name of the JMS module descriptor file. More Info		
Wessaging "JMS Servers "Store-and-Forward Agents "JMS Modules "Path Services B"Bridges		ota, distributed destir his table		store-and-forward parameters.	quede and topic describbons, connecto	on factories, JMS templates, destination sort keys,	
Data Sources Persistent Stores	New Dele					Showing 1 to 1 of 1 Previous Next	
Foreign JNDI Providers	Name	~	Туре	JNDI Name	Subdeployment	Targets	
How do I 😑		Y DEST QUEUE	Queue	NOTIFY DEST QUEUE	FCUBS	FCUBS JMSServer	
Configure JMS system modules Configure subdeployments in JMS system	New. Dele	te				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)							
Warning (0)							
OK (2)							



The following screen is displayed:

Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet I	xplorer 📃 🖻 🛛
🕘 🕤 👻 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity	kUmsCreateSystemModuleEntityPortletcurrentModule=FCUBS_Syster 💟 🐓 🗶 Google Powered Pandion Search 🛛 🔎
ile Edit ⊻iew Favorites Tools Help D McAfee'		
🕻 🏟 🌈 Create a New JMS System Module R	esource - fcubs11	🏠 👻 🔝 👘 🖶 Bage 🕶 🎯 Tgols 🕶
	Administration Console	Q
Thange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
liew changes and restarts	Home »Summary of JDBC Data Sources »FLEXTEST.WORLD »Summary of Modules »FCUBS_SystemModule	MS 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 omain.	Create a New JM5 System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
omain Structure	Use these pages to create resources in a JMS system module, such as o	ueues, topics, templates, and connection factories.
ubs113_domain B-Environment Deployments B-Services	factories, distributed queues and topics, foreign servers, and JMS SAF	er basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate nism for grouping JMS module resources and the members to server resources.
	Onnection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
Hard Services	🔘 Queue	Defines a point-to-point destination type, which are used for asyndronous peer communications. A message delivered to a queue is distributed to only one consume. Mere Info
Foreign JNDI Providers	🔿 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 consumes. More Info
ow do I	O Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. More Info
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 $\ensuremath{\mathrm{Infb}}\xspace.$
Configure foreign servers Configure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
rstem Status) JMS Template	Defines a set of default configuration settings for multiple destinations. More Info
Paleh 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 morted in the local dustor or every instance, so that the local server instance or cluster can send newsages to the remote server instance or cluster. More Information messages to the remote server
 e		😌 Local intranet 🔍 100% 👻



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

🖉 Create a New JMS System Module Resource - fcubs1	13_domain - WLS Console - Windows Internet Explorer	- 6 🛛
	tal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectEntit 💙 4 🔀 Google Powered Pandon Search	P -
File Edit View Favorites Tools Help McAfee /		
🔗 🏘 🌈 Create a New JMS System Module Resource - fcubs1	1 💼 👘 👘 👘 👘 2age 🕶 🎯	Tools - »
ORACLE WebLogic Server® Administration	n Console	Q ^
Change Center	og Out Preferences 🖾 Record Help 🛛 🔍 Welcome, weblogic Connected to: fcubs113_c	domain
Modules >FC	mary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS CUBS_SystemModule	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	w JMS System Module Resource	
Lock & Edit Back Nex	Ext Finish Cancel	
Release Configuration Connection	on Factory Properties	
	ing properties will be used to identify your new connection factory. The current module is FCUBS_SystemModule.	
Domain Structure * Indicates re fcubs 113_domain	equired fields	
Environment What would	i you like to name your new connection factory?	
Services * Name: * Name: * Name:	NotifyDestQCF	
Store-and-Forward Agents What JNDI N	Name would you like to use to look up your new connection factory?	
B-Bridges JNDI Name	e: NotifyDestQCF	=
Data Sources Persistent Stores The Connect	tion Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sharable	?
Foreign JNDI Providers Work Contexts	on Sharing Policy: Exclusive 💌	
	D Polcy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribers.	
Configure 1MS templates	is created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?	
Configure destination keys	Policy: Restricted V	
Configure topics Configure queues A connection	n factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit?	
	Messages per Session: 10	
Configure uniform distributed topics Configure uniform distributed queues		
Configure foreign servers	connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
Configure JMS SAF XA Con	nnection Factory Enabled	
System Status Back Net	Exit Finish Cancel	
Health of Running Servers	· ·	
Faled (0)		
Critical (0) Overloaded (0)		
Done	😌 Local intranet 🔍 1	<u>⊻</u> 00% •

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



The following screen is displayed:

🖉 Create a New JMS System Module Resc	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	P 🗙
G · Intp://10.184.74.143:8888/com	nsole/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/ins/connection/create/insconnectionFactory/ 💙 🚱 🗙 Google Powered Pandion Search 💦	P -
Ele Edit View Favorites Iools Help		
🚖 💠 🍘 Create a New JMS System Module P	Resource - faubs 11	• *
	Administration Console	^
Change Center	🏦 Home Log Out Preferences 🔝 Record Help	in
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	Use this page to view and accept the default targets where this 3MS resource will be targeted. The default targets are based on the parent 3MS system module targets. If you do not want to accept the default targets, then click Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Deployments El-Services	The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.	
i⇔Messaging ···JMS Servers ···Store-and-Forward Agents	Targets :	
··· JMS Modules	Servers	
Path Services		=
Data Sources	AnagedServer1	
Persistent Stores Foreign JNDI Providers		
Work Contexts	Back Next Finish Advanced Targeting Cancel	
How do I		1
 Configure quotas for destinations 		
Configure JMS templates Configure destination keys		
Configure destination keys Configure topics		
Configure queues		
Configure connection factories		
Configure uniform distributed topics		
Configure uniform distributed queues		
Configure foreign servers		
Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		×
Done	Local Intranet 😤 100%	
	G	



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

🖉 Create a New JMS System Module Reso	purce - fcubs113_domain - WLS Console - Windows Internet Explorer
🚱 🕤 👻 http://10.184.74.143:8888/co	nsole/console.portal 💌 🛃 🔀 Google Powered Pandion Search 🖉
Ele Edit View Favorites Iools Help • McAfee /	
😭 🏘 🌈 Create a New JMS System Module P	Resource - foubsil
ORACLE WebLogic Server®	Administration Console
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 >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 Cancel
Release Configuration	The following properties will be used to target your new JHS system module resource
Domain Structure fcubs 113_domain	Use this page to which a wildowignment to assign this system module resource. A subdedingment is a mechanism by which 3% resources are grouped and targeted to a server instance, durater, or SAB agent. The research, you can realt a new subdegingment by clicing the Create a New Subdegiogment button. You can also reconfigure subdegiogment targets later by using the parent module's subdegiogment management page.
I──Deployments B−Services D−Messaging	Select the subdeployment you want to use. If you select (none), no targeting will occur.
JMS Servers Store-and-Forward Agents	Subdeployments: FCUBS V Create a New Subdeployment
····JMS Modules ····Path Services	What targets do you want to assign to this subdeployment?
🕀 Bridges	Targets :
Data Sources Persistent Stores	
Foreign JNDI Providers Work Contexts	Servers
How do L	AnnagedServer1
Configure quotas for destinations	JMS Servers
Configure JMS templates	
Configure destination keys Configure topics	CUBS_JMSServer
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	Succel 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 - fcubs113_domain - WLS Console - Windows Internet Explorer 🗧 🗐											
🕥 🗸 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?	ole/console.portal?_nfpb=true&_pageLabel=3MSSystemModuleConfigGeneralPage									
e Edit Yiew Favorites Iools Help McAfee / +											
🔅 Settings for FCUB5_SystemModule -	- fcubs113_domai								🙆 • I	🔊 🕤 🖶 🔹 🔂 <u>P</u> age 🕶 (🐊 T <u>o</u> ols
	Administration (onsole									Q
hange Center	Home Log	💼 Home Log Out Preferences 🔛 Record Help							Welcome, weblo	gic Connected to: fcubs113	_domai
iew changes and restarts		Home > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules > FCUBS System/Hodule									
ending changes exist. They must be activated take effect.	Messages	factory created suco	essfully.								
Activate Changes											
Undo All Changes		UBS_SystemModu									
omain Structure	Configuration	Subdeployments	Targets	Security	/ Notes						
ubs113_domain -Environment -Deployments	This page disp	lays general informati	on about a	JMS syste	m module an	d its resource	s. It also allows you to configur	e new resources and ac	cess existing resource	s.	
-Services -Messaging	Name:			FCUBS_	SystemModu	le		The name of this JMS system module. More Info			
""JMS Servers "Store-and-Forward Agents "JMS Modules ""Path Modules "Pathoges	This page sun	Descriptor File Name: jms;FCUB5_SystemModule-jms.xmi This page summarizes the JMS resources that have been created for this JMS system module, including queue and destination outs, distributed destinations, foreign server, and store-and-forward parameters.						The name of the JMS module descriptor file. More Info nd topic destinations, connection factories, JMS templates, destination sort keys,			
Data Sources Persistent Stores Foreign JNDI Providers	Customize 1										
Work Contexts	Summary of	Resources									
00 00 1	New Dele	te							S	showing 1 to 2 of 2 Previous	Next
Configure JMS system modules Configure subdeployments in JMS system modules	Name	*		Туре			JNDI Name	Subdeplo	yment	Targets	
Configure resources for JMS system modules	Notify	DestQCF		Connect	ion Factory		NotifyDestQCF	FCUBS		FCUBS_JMSServer	
rstem Status		Y_DEST_QUEUE		Queue			NOTIFY_DEST_QUEUE	FCUBS		FCUBS_JMSServer	
alth of Running Servers	New Dele	te							5	showing 1 to 2 of 2 Previous	Next
Failed (0)											
Critical (0)											
Overloaded (0)											
Warning (0)											
OK (2)											

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



The following screen will be displayed.

🔁 🕑 🔻 🙋 http://10.184.74.143:8888	3/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorygeneralTabPage&handle=cor	n.bea.console.handles.JMXHandle%28%22com 💙 🍫 🗙 Google Powered Pandion Search 🖌
ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp D McAfee: ∕		
🕻 🎄 🎉 Settings for NotifyDestQCF - fo	ubs113_domain - WL5	🟠 👻 📾 👻 🔂 Zage + 🎯 Tgols -
	r [®] 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 >FLEXTES Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	ST.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activate to take effect.	d Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Se	curity
Domain Structure	Save	
ubs113_domain B-Environment Deployments B-Services	Use this page to define the general configuration parameters for this JMS connection factory	, which includes various client connection, default delivery, load balancing, and security parameters.
E-Messaging	10 Name: NotifyDestQCF	The name of this JMS connection factory. More Info
Store-and-Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a clustered JNDI namespace. More Info
⊕-Bridges Data Sources Persistent Stores	📋 🕂 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Foreign JNDI Providers	Advanced	
Work Contexts	Save	
How do I Configure connection factories		
Configure connection ractories		
iystem Status		
lealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		

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

C Settings for NotifyDestQCF - fcubs113_	domain - WLS Conso	e - Window	/s Internet Explo	rer					
() + (in the interval of the i	ole/console.portal?_nfpb=	true&_pageLa	bel=JMSConnectionf	Factorytransactic	nparamsTabPag	e&handle=c	om.bea.console.handles.JMXHandle%: 💙 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹		
Elle Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee [*]									
😭 🏘 🏉 Settings for NotifyDestQCF - fcubs11	13_domain - WLS						🛐 👻 🗟 👘 🖶 Bage 🗸 🎯 Tgols 🗸 🍾		
	dministration Consol	Ð					Q 🖉		
Change Center	Home Log Out Pre	ferences 📐	Record Help		Q		Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDeatQCF >FCUBS_SystemModule >NotifyDeatQCF								
Pending changes exist. They must be activated to take effect.	Settings for NotifyDe	stQCF							
Activate Changes	Configuration Sub	deployment	Notes						
Undo All Changes	General Default De	ivery Clien	t Transactions	Flow Control	Load Balance	Security			
Domain Structure	Save								
fcubs 113 domain									
JMS Servers Store-and-Forward Agents IMS Modules							The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info		
→Ins induces →Path Services B→Bridges →Data Sources →Persistent Stores →Foreign JNDI Providers	🗹 🐠 XA Connect	ion Factory	Enabled				Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory, a XA connection factory can be used to create an XAConnection, which in turn may be used to create an XAAsson, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info		
Work Contexts	Save								
How do I									
Configure connection factories									
System Status									
Health of Running Servers									
Failed (0)									
Critical (0) Overloaded (0)									
Warning (0)									
OK (2)									



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

C Settings for NotifyDestQCF - fcubs113	3_domain - WLS Console - Windows Internet Explorer	N							
🚱 🕞 🔹 🖻 http://10.184.74.143:8888/console/									
Ele Edit View Favorites Tools Help									
😭 🏟 🌈 Settings for NotifyDestQCF - fcubst	55113_domain - WL5	🏠 🔹 🔝 🔹 🖶 🔹 🕞 Bage 🗸 🎯 Tgols 🗸 🎽							
	Administration Console	Q							
Change Center	😰 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain							
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF								
Pending changes exist. They must be activated to take effect.	anges exist. They must be activated Messages								
Activate Changes	Settings for NotifyDestQCF								
Undo All Changes	Configuration Subdeployment Notes								
Domain Structure	General Default Delivery Client Transactions Flow Control Load Balance Security								
fcubs113_domain									
Deployments	Save								
Services Hessaging Hossaging	Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also factory is returned, which create sessions that are JTA user-transaction aware.	indicate whether an XA queue or XA topic connection							
JMS Modules Path Services B-Bridges	Transaction Timeout: 3600 The timeout value (in this connection factor	seconds) for all transactions on connections created with ry. More Info							
Toata Sources Persistent Stores Foreign JNDI Providers Work Contexts	deg An Connection Factory Endured lessed to create an At Session, which in A torset on manner	XA queue or XA topic connection factory is returned, topic connection factory. An XA connection factory can XAConnection, which in turn may be used to create an urn may be used to obtain an XAResource for use inside r., More Info							
How do I	Save								
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 NotifyDesQCF - fcubs113_domain - WLS Console - Windows Internet Explorer										
🚱 🕞 👻 👔 http://10.184.74.143:8888/console/console/console.portal?_nfpb=true8_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true8_pageLabel=JMSConnectionFactor 🛛 😚 🗙 Google Powered Pandon Search 🛛 🔎 •										
Ejle Edit View Favorites Iools Help										
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1	13_domain - WLS						🟠 🔻 🗟 👘 🖶 Bage + 🎯 Tools + ≫			
	Administration Consol	e					Q 🙆			
Change Center	Home Log Out Pre	eferences 🔤 Rec	ord Help		Q		Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts										
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have b	een activated. No	restarts are neo	essary.						
Release Configuration	Settings for NotifyDe	stQCF								
	Configuration Sub	odeployment No	tes							
Domain Structure fcubs113_domain	General Default De	livery Client	Transactions	Flow Control	Load Balance	Security				
⊕ Tenvironment ⊡Peployments ⊖ Services ⊡Messaging ⋯Messaging ⋯Mis Servers ∵Store-and-Forward Agents ⋯Path Services ⋯Path Services	Click the Lock & Edit Save Use this page to defit factory is returned, v	ne the transaction	configuration for	this JMS connection	on factory. You	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 Timeor	ut:					The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info			
Foreign JNDI Providers Work Contexts How do L Configure connection factories	Save	tion Factory Enal	bled				Indicates whether a X4 queue or X4 topic connection factory is returned, instead of a queue or topic cornection factory. An X4 cornection factory can be used to oreste an X4Cornection, which in thm may be used to oreste an X4Session, which in turn may be used to obbin an X4Resource for use inside a transaction manager. More Infig			
System Status	Click the Lock & Edit	button in the Char	nge Center to mo	odify the settings o	on this page.					
Health of Running Servers										
Failed (0)										
Critical (0)										
Overloaded (0) Warning (0)										
OK (2)										



7.3 Configuring Weblogic for PMGateway

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

Copy runtime12.jar from database servers ORACLE_HOME/sqlj/lib to application servers library path WEBLOGIC_HOME/user_projects/domains/<app-domain>/lib

7.4 Configuring Weblogic for Oracle FLEXCUBE

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

1. Select the domain from the domain structure as shown below. (Eg: fcubs113_domain).

C Home Page - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀								
G v //10.184.74.143:888B/cor	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search					
jje Edt Yew Favorites Tools Help D McAfee // -								
🛿 🔹 🖗 🖗 👘 🖓 Page + 🕼 Tools +								
Change Center & Administration Console								
Change Center	î Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts								
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page							
Lock & Edit	Information and Resources							
Release Configuration	Helpful Tools	General Information						
	Configure applications Configure GridLink for RAC Data Source	 Common Administration Task Descriptions Read the documentation 						
Domain Structure	Recent Task Status	 Ask a question on My Oracle Support 						
fcubs113 domain	Set your console preferences	Oracle Guardian Overview						
Environment Deployme fcubs113_domain	Domain Configurations							
⊖-Services ⊖-Messaging	Domain	Services	Interoperability					
JMS Servers	Domain	Messaging	WTC Servers					
Store-and-Forward Agents	Conan	 Messaging JMS Servers 	Init Connection Pools					
	Environment	 Store-and-Forward Agents 						
Bridges	Servers	 JMS Modules 	Diagnostics					
Data Sources	Clusters	 Path Services 	Log Files					
Persistent Stores Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules					
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images					
Herry de T	Coherence Servers	 Persistent Stores 	Request Performance					
How do I	Coherence Clusters	XML Registries	Archives					
 Search the configuration 	Machines	 XML Entity Caches 	Context					
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP					
 Record WLST Scripts 	Startup And Shutdown Classes	Work Contexts						
Change Console preferences		• jCOM	Charts and Graphs					
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard					
System Status	 Deployments 	 FileT3 ITA 						
-		• JIA						
Health of Running Servers	Your Application's Security Settings							
Failed (0)	Security Realms							
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								
]								



The following screen is displayed:

			Windows I										
+ 2 http://10.184.74.143:8888/col	insole/console.portal?	_nfpb=true&_p	ageLabel=Don	nainConfi	igGeneralPage8	DomainConfig	GeneralPortlethand	e=com.bea.consc	ile.handles.JMXHand 🎽	≁ • × G	oogle Powere	ed Pandion Sea	arch
lit View Favorites Iools Help Afce' /													
🔏 Settings for fcubs113_domain - fcu	ubs113_domain - W									🔂 •	S 🐘	n 🔹 🔂 <u>P</u> age	▼
ACLE WebLogic Server®	Administration C	onsole											Ģ
e Center	Home Log O	Out Preference	s 🔤 Record	Help		٩			Wel	come, weble	ogic Conne	cted to: fcubs	s113_doma
hanges and restarts	Home >Summar Modules >FCUB	ry of JMS Server IS_SystemModule	s >Summary of = >NotifyDestQi	F JDBC Dat CF > FCU	ta Sources >FLE BS_SystemModu	CTEST.WORLD) >Summary of JMS S QCF > fcubs113_do r	ervers >JMS nain					
ing changes exist. Click the Release ration button to allow others to edit the	Settings for fcu	ubs113_doma	in										
Lock & Edit	Configuration	Monitoring	Control S	Security	Web Service	Security N	otes						
Release Configuration	General JT/	A JPA EJE	Bs Web App	plications	Logging L	Log Filters							
	Save												
n Structure 13 domain													
oyments ices Messaging JMS Servers	domain. * Indicates requi	ired fields											
Store-and-Forward Agents	* Name:	* Name: fcubs113_domain											
····JMS Modules						fcubs113_dor	nain	T	The name of this WebLogic	: Server doma	in. More In	ro	
Path Services Bridges Data Sources Persistent Stores	Enable Ac	dministration	Port			fcubs113_dor	nain	5	The name of this WebLogic Specifies whether the dom this WebLogic Server doma enabling the administration servers in the domain. Mi	ain-wide admi ain. Because ti i port requires	nistration po he administra	rt should be er ation port uses	SSL,
Path Services Periodes Data Sources Periodent Stores Poreign JNDI Providers Work Contexts	Enable Ac		Port			fcubs113_dor	nain	e e s	Specifies whether the dom this WebLogic Server doma enabling the administration	ain-wide admi ain. Because t oport requires ore Info stration port i	nistration po he administra that SSL mu for this WebL	rt should be er ation port uses st be configure ogic Server do	SSL, ed for all
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Part Services Printiges Printiges Printiges Printiges Printige Prin	Administratio	on Port: n Hode: le Exalogic Op le Cluster Con le on-demand	timizations straints I deploymen	t of inte		9002 true) _	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	specifies whether the dom the Web/gorg Server dome analysing the administration reverse in the domains and the common scalar admini- teres in the domain. Mini- the common scalar admini- teres are also and the scalar specifies whether aptituse provides whether aptituse the Server Service and and reduced loc contention the duster are running. Mini- desets at (103-4) of the specifies whether internal and uddecolorer are deplo- tered starts. Mini- specifies whether internal and uddecolorer are deplo- tered starts and specifies whether the Guard specifies whether the Guard specifies whether the Guard	ain-wide admi in. Because ti port requires ore Info stration port 1 e administration is this domi is abled in the tions for Orac wed thread m This attruby main for Orac Enhancement Oracle Exalog s targeted to a dore Info applications si yed on deman dran Agent is	nistration point administration point that SSL mu- for this WebL on port.) M ain run in pro- admin serve le Exalogic: 8 anagement a ter should be e Exalogic. P is in Oracle V ic Deployment a duster succ- uch as the con- different acce	rt should be er station port uses at be configur ogc Server de dore Info duction mode. start tup comm nould be enable nord request pr enabled only or more inform febla.gc Serve th Guide. Mor teed only if all insole, uddi, w sp) instead of	: SSL, ed for all amain. Once ed. ocessing, when anation, see rr 11g re Info servers in Istestdient, during



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

Co settings for reabs r to_domain + reabs	arrs_uomain - wils console - windows internet ixplorer	
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Ele Edit View Favorites Tools Help		
🚖 🕸 🌈 Settings for fcubs113_domain - fcu	bs113_domain - W	🖓 👻 🗟 👘 🖶 Eage 🕶 🎯 T <u>o</u> ols 🔹 🎽
	Administration Console	9
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQC Sessions >fcubs113_domain	F > FCUBS_SystemModule >NotifyDestQCF > fcubs113_domain >Summary of Mail
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for fcubs113_domain	
Lock & Edit	Configuration Monitoring Control Security Web Service Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications Logging Log Filters	
Domain Structure	Click the Lock & Editbutton in the Change Center to modify the settings on this page.	
fcubs113_domain	Save	
Deployments Services Hessaging	Use this page to define the domain-wide Web application configuration settings.	
IMS Servers Store-and-Forward Agents IMS Modules Path Services B-Bridges Data Sources	🗌 🍓 Relogin Enabled	Beginning with the 3.0 release the FOOMBACLC submittediation behavior has been modified to control strictly to the J28E Specification. If a user has release the strictly to the J28E Specification. If a user has (FOOBDCH) page with the returned. Turn that frag on to enable the old behavior, which was to return the user to the login form. More Enfo
How do I	🗌 🐠 Allow All Roles	In the security-constraints elements defined in a Web application's web and dealyment descriptor, the suft-constraint all element indicates the user relates that should be permitted access to this resource collection. Here relate-name = *** is a compact syntax for indicating all relates in the Veb application. In previous releases, role-name = *** was treated as all usery/oles defined in the relate. This parameter is a bad/owd compatibility switch to restore old
Deploy Web applications Stop deployed Web applications Delete Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.vml (container-descriptor -> allow-all-roles) takes precedence (if set) over this value. More Info
Update run-time descriptors System Status	General State of the second se	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied ServleFilters (if configured for the Web application) on request dispatches (and indudes/forward). Servlet 2.4 has introduced the Dispatcher's element
Health of Running Servers		to make this behavior explicit. The default value is Dispatcher =REQUEST. In order to be complaint with the JZEE specification, the default value for
Failed (0) Critical (0)		FitterDispatchedRequestEnabled is false beginning with WebLogic Server 9.0. Note that if you are using old descriptions (meaning web.xml des not have version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestEsTabled = true for the WebLapplications, unless
Overloaded (0) Warning (0) OK (2)		filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml. The means that old applications will work fire without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the websgo container against low memory conditions. When a low memory situation occurs, new ession creation attempts will result in websjog_cervlet.5esion:FostenChickgebon. The application code needs to catch this exception and take proper action. Alternatively appropriate error- pages can be configured in web, will apart.
Done		📢 Local intranet 🔍 100% 👻

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



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



' Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 💽 🖻 🔀							
S 🕑 v 🕫 http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHande%28%22com.bea%3ANa 💙 🗲 🗙 Google Powered Pandion Search 🛛 🔎 v							
Ele Edit View Favorites Tools Help							
🚖 🏟 🎉 Settings for fcubs113_domain - fcubs113_domain - W 🧱 🗧 🖓 Eage + 🕼 Tools + 🎽							
Http	Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info					
🗌 WebL	.ogic 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 authcookie feature is enabled or not. More Info					
ال ور اني دا	hange 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					
U 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 123 characters, and may also affect the use of replicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 characters, and it will not contain any special characters. More Info					
Post Time	sout: 30	The amount of time this server waits between receiving churks of data in an MTTP 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					
offer рэр на	eader 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					
ور 🔧 💟	5P Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2,0 specification. This property exists for badoward compatibility. More Info					
v 🥵 A	rchived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info					
Save							

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



6. The following screen is displayed:

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

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

7.5 Setup/Configure Mail Session in Weblogic

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

7.5.1 Creating JavaMail Session

To configure mail session, follow the steps below.



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

C Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	(plorer		X
	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSe:	ssionTablePage	💌 🗲 🗙 Google Po	owered Pandion Search
Ele Edit View Favorites Tools Help				
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C		🙆 • 🖻 ·	🖶 🔹 🔂 Page 🔹 🎯 Tgols 🔹 👋
ORACLE WebLogic Server®	Administration Console			Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic	Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS JUBS SystemModule >NotifyDestOCE >fcubs113.dom	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	Protocol (SMTP)-capable mail servers on your netw	rork or the Internet.	IEE modules with access to Internet Message Access Protocol (IM	IAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have b	been configured in the current WebLogic Server do	main.	
JMS Servers Store-and-Forward Agents JMS Modules Path Services	Customize this table Mail Sessions Click the Lock & Editbutton in the Change Center	to activate all the buttons on this page.		
B-Bridges Data Sources Persistent Stores			Showin	ng 0 to 0 of 0 Previous Next
Foreign JNDI Providers	🔲 Name 🚸	Properties	JNDI Name	
XML Registries XML Entity Caches		There are no item	s to display	
JCOM Mail Sessions	New Clone Delete		Showin	ng 0 to 0 of 0 Previous Next
How do I				
Configure access to JavafMal Target mal sessions Delete mal sessions System Status Faled (0) Overloaded (0) Overloaded (0) Overloaded (0) Oxerloaded (

2. Click 'Lock & Edit'.

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



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

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	xplorer	
	nsole/console.portal?_nfpb=true&_pageLabel=MailCreate	eMailSession	Soogle Powered Pandion Search
File Edit View Favorites Tools Help			
@ McAfee'			
😭 🏟 🚫 Summary of Mail Sessions - fcubs11:	3_domain - WLS C		🏠 🔹 🗟 🔹 🔂 Page 🔹 🎯 T <u>o</u> ols 🔹
	Administration Console		0
Change Center	🔒 Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.V Modules >FCUBS_SystemModule >NotifyDestQCF >FC		omain >Summary of Mail Sessions
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Mail Sessions		
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Jav Protocol (SMTP)-capable mail servers on your netv This page summarizes the mail sessions that have i	work or the Internet.	r JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure			
P-Messaging ▲	Customize this table		
····JMS Servers			
	Mail Sessions (Filtered - More Columns Exist	t)	
Path Services	New Clone Delete		Showing 0 to 0 of 0 Previous Next
Bridges			
Data Sources	🔲 Name 🗠	Properties	JNDI Name
···Persistent Stores			
Foreign JNDI Providers		There are no ite	tems to display
-XML Registries	New Clone Delete		Showing 0 to 0 of 0 Previous Next
-XML Entity Caches			
сом			
Mail Sessions			
How do I			
Configure access to JavaMail			
 Target mail sessions 			
Delete mail sessions			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
() - (in the second sec	sole/console.portal?_nfpb=true8_pageLabel=MailCreateMailSession	🗸 🍫 🗙 Google Powered Pandion Search 👂 -
Elle Edit View Favorites Tools Help		
🚖 🏘 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 🔹 🔂 👘 🖶 🔹 🔂 Eage 🔹 🎯 Tgols 🔹
	Administration Console	Q 4
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > 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 Release Configuration	Hall Session Properties The following order tv ill be used to identify your new mail session.	
Domain Structure	Ine rolowing property will be used to identify your new mail session. "Indicates required fields	
	What would you like to name your new mail session? * Name: FCUBSMailSession * JNDI Name: mail/FCUBSMail * JNDI Name: mail/FCUBSMail * JNDI Stratbeehive.oracle.com mail.smtps.debug=true mail.smtps.host=stbeehive.oracle.com mail.smtps.host=stbeehive.oracle.com mail.smtps.host=stbeehive.oracle.com	
Fallet (0) Critical (0) Overloaded (0) Overloaded (0) Warning (0) Ok (2)		



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

Name

FCUBSMailSession

JNDI Name

mail/FCUBSMail

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

Java Mail Properties

mail.host=<HOST_MAIL_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS_SERVER_PORT>

Eg: 1010

mail.transport.protocol=<MAIL_TRANSFER_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST_SMTPS_MAIL_SERVER>

Eg: samplename.mail.com

6. Click 'Next'.



The following screen is displayed.

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

^{eee} 'fcubs.properties' file needs to be updated with the encrypted values of

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



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

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

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

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

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

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





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