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1. Configuring SSL on Oracle Weblogic

1.1 Introduction

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

1.2 Setting up SSL on Oracle Weblogic

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

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

1.3 <u>Certificates and Keypairs</u>

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

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

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

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

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

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

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



2. Choosing the Identity and Trust Stores

2.1 Introduction

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

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

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

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

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

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

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

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



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

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

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

3.1.1 Creation of Self-signed Certificate

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

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

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

In the above command,

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

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

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



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

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

Example

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

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



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

3.2.1 Creation of Public and Private Key Pair

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

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

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

In the above command,

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

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

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



- 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.

<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 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:
 - Custom Identity Keystore File Name: Fully qualified path to the Identity keystore.
 - **Custom Identity Keystore Type**: Set this attribute to JKS, the type of the keystore. If left blank, it is defaulted to JKS (Java KeyStore).
 - Custom Identity Keystore PassPhrase: The password you enter when reading or writing to the keystore. This attribute is optional or required depending on the type of keystore. All keystores require the passphrase in order to write to the keystore. However, some keystores do not require the passphrase to read from the keystore. Oracle Weblogic server only reads from the keystore. So whether or not you define this property depends on the requirements of the keystore.
- 7. In the 'Trust' section, provide the following details:

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



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

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

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



5. Setting SSL attributes for Managed Servers

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

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

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



6. Testing Configuration

6.1 **Testing Configuration**

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

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

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



7. Creating Resources on Weblogic

7.1 Introduction

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

7.2 **Resource Administration**

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

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

7.2.1 Creating Data Source

>

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

7.2.1.1 Prerequisites

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

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

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

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

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

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

• Oracle Weblogic on Unix/Linux Box:



> Set {ORACLE_HOME} in the environment variable.

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

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

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

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

7.2.1.2 XA Enabled Data Source

Follow the steps given below:

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

http://10.10.10.10:1001/console



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



3. Navigate to Oracle Weblogic home page.

🔊 🗸 🖉 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
le Edit View Favorites Iools Help			
McAfee .			
r 🔅 🍘 Home Page - fcubs113_domain - V	WLS Console		🏠 👻 🗟 👘 🖶 🔁 Bage 🕶 🎯 T <u>o</u> ols
	Administration Console		Q
Change Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
view changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
cubs113_domain T-Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	- Domain Configurations		
Services Security Realms	Domain	Services	Interoperability
Interoperability			WTC Servers
Diagnostics	Domain	 Messaging JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	Joit Connection Pools
		 JMS Modules 	Diagnostics
	Servers Clusters	 Path Services 	
		 Bridges 	Log Files
	Virtual Hosts	Data Sources	Diagnostic Modules Diagnostic Images
	Migratable Targets Coherence Servers	Data Sources Persistent Stores	Diagnostic Images Request Performance
low do I	Coherence Servers Coherence Clusters	XML Registries	Archives
Search the configuration	Concrete Clusters Machines	XML Registries XML Entity Caches	Archives Context
Use the Change Center	Work Managers	Foreign JNDI Providers	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	• Swir
Change Console preferences	Startup And Shutdown Classes	• (COM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
	Deployments	FileT3	
System Status 🗉		• JTA	
lealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
vvarning (u)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	s113_domain - WLS Console - Windows Internet				_ 0
	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.	74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🚩	Google Powered Pandion Search	2
le Edit View Favorites Tools Help McAfee / -					
🔗 🌮 🍘 Summary of JDBC Data Sources - fi	cubs113_domain			🏠 🔹 🔝 🕤 🖶 🕈 🔂 Bage 🕶 🎯	Tools -
	Administration Console				Q
hange Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	N	elcome, weblogic Connected to: fcubs113_	domain
iew changes and restarts	Home >Summary of JDBC Data Sources				
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Summary of JDBC Data Sources				
omain.	Configuration Monitoring				
Release Configuration	A JDBC data source is an object bound to the JNDI tree borrow a database connection from a data source. This page summarizes the JDBC data source objects th		nnectivity through a pool of JDBC connections. Applications	an look up a data source on the JNDI tree and th	en
ubs113_domain					
-Environment -Deployments	Customize this table				
Services	Data Sources (Filtered - More Columns Exist)				
MessagingData Sources	New 🗸 Delete			Showing 1 to 2 of 2 Previous   N	lext
Persistent Stores     Foreign JNDI Providers     Work Contexts	🔲 Name 🌣	Туре	JNDI Name	Targets	
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
XML Entity Caches jCOM	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
File T3	New V Delete			Showing 1 to 2 of 2 Previous   N	lext
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					
rstem Status 🖂					
ealth of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					



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

🗲 🕞 🔻 🙋 http://10.184.74.143:8888/cor	onsole/console.portal?_nfpb=true&_pageLabel=ht	tp://10.184.74.143:8888/console/consol	e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🚩	← K Google Powered Pandion Search
e Edit View Favorites Tools Help McAfee -				
🚯 🖉 Summary of JDBC Data Sources - fo	cubs113_domain			🏠 🔹 🔝 👘 🖷 🔹 🔂 Page 🕶 🎯 Tools
hange Center fiew changes and restarts to pending changes exist. Click the Release	Home Log Out Preferences Recor	d Help	We	elcome, weblogic Connected to: fcubs113_domai
onfouration of the verses of t	Summary of JDBC Data Sources Configuration Monitoring A JDBC data source is an object bound to borrow a database connection from a data This page summarizes the JDBC data sour	source.	nectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
ubs113_domain  Terrivonment  Topployments  Services  Hotessaging  Data Sources	Customize this table Data Sources (Filtered - More Colum New > Delete	ns Exist)		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 File T3	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1 Showing 1 to 2 of 2 Previous   Next
ow do I				
Create JBC Circlink data sources Create JBC Circlink data sources Create JBC Circlink data sources Delete JDBC multi data sources Delete JDBC multi data sources stem Status Realth of Running Servers Faled (0)				

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

🖉 Create a New JDBC Data Source - fcubs113_domain - WLS Console - Windows Internet Explorer				
🔆 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortletreturnTo=GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8GlobalJDBCDataSourceTablePage8Global	SourceTablePortlethandle=c 💌 😚 🗙 Google Powered Pandion Search 🛛 🔎 🔹		
Elle Edit View Favorites Tools Help				
👷 🎄 🍘 Create a New JDBC Data Source - fo	cubs113_domain	🏠 🔻 🔝 👘 👘 🖓 Bage 🖛 🎲 Tools 🗝		
	Administration Console	Q		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source           Back         Frinth         Cancel           JDBC Data Source Properties         The following properties will be used to identify your new JDBC data source.			
Domain Structure	* Indicates required fields			
FubSill_domein     •       Br-Envronment     •       •>Deployments     •       •>Services     •       ••Deta Sources     •       •>Persistent Stores     •       ••Foreign JND Providers     •       ••Work Contexts     •       ••Work Settingstriss     •       ••Wolk Ently Caches     •       ••Flereins     •       ••Flereins     •       ••Flereins     •	What would you like to name your new JDBC data source?			
Create LLR-enabled JDBC data sources  System Status	Database Type: Oracle			
Health of Running Servers	Back Next Finish Cancel			
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)				



7. Specify the following details:

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

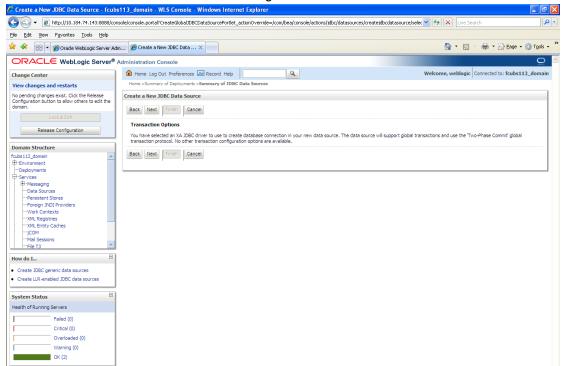
8. Click 'Next'.

The following screen is displayed:	
🚹 Home Log Out Preferences 🔤	Record Help
Home >Summary of Services >Summar	y of JDBC Data Sources
Create a New JDBC Data Source	
Back Next Finish Cancel	
JDBC Data Source Properties	
The following properties will be used	to identify your new JDBC data source.
Database Type:	Oracle
What database driver would you like t	o use to create database connections? Note: * indicates that the driver is explicitly supported by C
Database Driver:	*Oracle's Driver (Thin XA) for Service connections; Versions:Any
Back Next Finish Cancel	

Click next.



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



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

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



### 11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDo				
	e/console.portal?CreateGlobalJDBCDataSou	urcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources	i/cr 👻 🔄 🛠 🔀 Google	<del>،</del> م
KeAfee     McAfee     Favorites     Arrow B Web Slice Gallery				
			👌 🕶 🛐 🕆 🖂 🚔 👻 Page 🕶 Safe	
Create a New JDBC Data Source - DefaultDo			🖬 🔹 🖾 🕈 🖾 🖷 🕈 Page 🗣 San	
				<u> </u>
Change Center	Home Log Out Preferences 🔤 Rec		Welcome, weblogic Connecte	ed to: DefaultDomain
View changes and restarts	Home >Summary of JDBC Data Sources			
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New JDBC Data Source			
modify, add or delete items in this domain.	Test Configuration Back Next	Finish Cancel		
Domain Structure	Test Database Connection			
DefaultDomain	Test the database availability and the co	onnection properties you provided.		
Deployments Services	What is the full package name of JDBC dr	iver class used to create database connections in the connection pool?		
Hessaging	(Note that this driver class must be in the	dasspath of any server to which it is deployed.)		
E-JDBC				
	Driver Class Name:	oracle.jdbc.OracleDriver		
···Persistent Stores	What is the URL of the database to conne	ect to? The format of the URL varies by JDBC driver.		E
Coherence Clusters	URL:	descendentine @10.40.40		
Work Contexts		jdbc:oracle.thin.@10.10.10		
How do I	What database account user name do yo	u want to use to create database connections?		
Create JDBC data sources	Database User Name:	FCPB1121		
Create LLR-enabled JDBC data sources	What is the database account password t	to use to create database connections?		
System Status	(Note: for secure password management,	, enter the password in the Password field instead of the Properties field below)		
Health of Running Servers				
Failed (0)	Password:	• • • • • • • • • • • • • • • • • • •		
Critical (0) Overloaded (0)	Confirm Password:	•••••		
Warning (0)				
OK (1)	What are the properties to pass to the JC	DBC driver when creating database connections?		
	Properties: user=FCPB1121			
	user=FCPB1121			
		Z		
	What table name or SQL statement would	I you like to use to test database connections?		

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



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

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Int	ternet Explorer		- 7 🛛
🕒 🗸 🖌 🖉 🕹 🕹 🕹	nsole/console.portal?CreateGlobalJDBCDataSourcePort	tlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/to	est 🗸 😽 🗶 Google Powered Pandion Search	P -
Elle Edit View Favorites Tools Help				
😭 🔅 Create a New JDBC Data Source - fi	cubs113_domain		🟠 * 🖾 * 🖶 * 🗗 Bage * (	🕽 T <u>o</u> ols 🔹 🎽
	Administration Console			Q ^
Change Center	🏦 Home Log Out Preferences 🔤 Record He	dp Q	Welcome, weblogic Connected to: fcubs113	_domain
View changes and restarts	Home >Summary of JDBC Data Sources Messages			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Connection test succeeded.			
Lock & Edit	Create a New JDBC Data Source			
Release Configuration	Test Configuration Back Next Finish	Cancel		
Domain Structure	Test Database Connection			
fcubs113_domain	Test the database availability and the connection	on properties you provided.		
Environment	What is the full package name of JDBC driver clas	ss used to create database connections in the connection pool?		
Deployments Services Messaging	(Note that this driver class must be in the classpa	th of any server to which it is deployed.)		=
Data Sources Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver		
Work Contexts XML Registries	What is the URL of the database to connect to?	The format of the URL varies by JDBC driver.		
XML Entity Caches	1101			
JCOM	URL:	jdbc:oraclethin:@10.10.10.		
	What database account user name do you want	to use to create database connections?		
How do I	Database User Name:	FCPB1121		
Create JDBC generic data sources				
Create LLR-enabled JDBC data sources	What is the database account password to use t	o create database connections?		
System Status	(Note: for secure password management, enter	the password in the Password field instead of the Properties field below)		-
Health of Running Servers	Password:	•••••		
Faled (0)				
Critical (0)	Confirm Password:	•••••		
Overloaded (0)				
Warning (0)	What are the properties to pass to the JDBC driv	er when creating database connections?		
OK (2)	Properties:			
	user=FCPB1121			
Done			📢 Local intranet 🛛 🤫	.100% • .:
NOTIN-			Stora intrailer of	10070

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/com	nsole/console.portal?CreateGlobalDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/selec 💟 😚 🗙 Google Powered Pandon Search 👘	•
Eile Edit View Favorites Tools Help		
🚖 🏟 🏉 Create a New JDBC Data Source - f	cubs113_domain 🔤 👘 👘 🛃 👘 🖶 📴 Bage 🖛 🎲 Tgols	• **
ORACLE WebLogic Server®	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         Next         Fnieh         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     Mail Sessions     File T3     ♥	Back Word 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:

	113_domain - WLS Console - Windows Internet E	1					
	😪 🔹 👔 http://10.184.74.143.8888/conscile.portal_r/tpb=true8_paget.abel=GlobalD8CDataSourceTablePage						
Ele Edit Yew Favorites Tools Help							
🔆 🏘 🌽 Summary of JDBC Data Sources - fou	ubs113_domain			🟠 • 🔊 - 🖶 • 🕞 Page • 🎯 Tools • »			
	Administration Console			Q 🖸			
Change Center	🏫 Home Log Out Preferences 🐼 Record Help	Q	Wel	come, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources						
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources						
Activate Changes	Configuration Monitoring						
Undo All Changes							
Undo All Changes	A JDBC data source is an object bound to the JNDI tree borrow a database connection from a data source.	that provides database conn	ectivity through a pool of JDBC connections. Applications car	look up a data source on the JNDI tree and then			
Domain Structure	This page summarizes the JDBC data source objects that	have been created in this d	omain.				
fcubs113_domain							
Deployments	Customize this table						
⊕-Services ⊕-Messaging	Data Sources (Filtered - More Columns Exist)						
Data Sources Persistent Stores	New 🗸 Delete			Showing 1 to 3 of 3 Previous   Next			
Foreign JNDI Providers	Name 🌣	-	JNDI Name				
Work Contexts XML Registries	Name 🗠	Туре	JWDI NAME	Targets			
XML Entity Caches	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1			
	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1			
How do I	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer			
Create JDBC generic data sources	New - 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							
Delete JDBC multi data sources							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0) OK (2)							
UN (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 - Windows	Internet Explorer			
G S + le http://10.184.74.143:8888/co	nsole/consol	e.portal?_nfpb=true&_pageLabel=htt	p://10.184.74.143:8888/console/cons	ole.portal?_nfpb=true&_pageLabel=Glob	alJDBCDataSourc 👻 🐓 🗙 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			🚵 👻 🔝 👘 🖶 🗛 😨 Bage 👻 🎯 Tools 🗸	
ORACLE WebLogic Server®	Administr	ration Console			Q	
Change Center	🔒 Hor	me Log Out Preferences 🔤 Record	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 res	tarts are necessary.			
Lock & Edit	Summa	ary of JDBC Data Sources				
Release Configuration	Config	guration Monitoring				
frubs113_doman	A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then     brown a database connectivity through a pool of JDBC connections. Applications can look up a data source of the JNDI tree and then     brown a database connectivity through a pool of JDBC connections.					
		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	ManagedServer 1	
Create JDBC GridLink data sources     Create JDBC multi data sources		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources     Delete JDBC multi data sources	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.

http:10.10.10.10:1001/console Eg: http://10.10.10.10:1001/console 😻 Oracle WebLogic Server Administration Console - Mozilla Firefox - I × Eile Edit View Higtory Bookmarks Tools Help C X 🏠 http://10.10.10.1001/console/login/LoginForm.jsp → - 😽 - Google 🖉 Most Visited 📋 Aria 🗋 Account Request 📋 CRM Tickets 🛅 My Oracle 📑 Network Request 📄 Software 📄 Oracle WebLogic Server Administrati... 🔶 ORACLE WebLogic Server Administration Console 12c Welcome Log in to work with the WebLogic Server domain Username: Password



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



P

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

- A http://10.104.74.142/0000/	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
	console/console.portair_in/pu=creex_bagecabei=nomerager		
Edit Yiew Favorites Tools Help McAfee			
🖗 Home Page - fcubs113_domain -	WLS Console		🏠 🔹 🗟 👘 🖶 Page 🔹 🎯 Tool
	Administration Console		
ange Center	🛍 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts	Home		
ck the Lock & Edit button to modify, add or	Home Page		
lete 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	
bs113_domain	Set your console preferences	Orade Guardian Overview	
-Environment -Deployments	Set your console preferences		
Services	<ul> <li>Domain Configurations</li> </ul>		
Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		<ul> <li>JMS Servers</li> </ul>	Jolt Connection Pools
	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
	Clusters	<ul> <li>Path Services</li> </ul>	Log Files
	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
w do I	Coherence Servers	<ul> <li>Persistent Stores</li> </ul>	Request Performance
	Coherence Clusters	<ul> <li>XML Registries</li> </ul>	Archives
Search the configuration	Machines	<ul> <li>XML Entity Caches</li> </ul>	Context
Jse the Change Center	Work Managers	<ul> <li>Foreign JNDI Providers</li> </ul>	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	<ul> <li>Mail Sessions</li> </ul>	Monitoring Dashboard
stom Status	Deployments	<ul> <li>FileT3</li> </ul>	
stem status		• JTA	
alth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)	1		



### The following screen is displayed:

	s113_domain - WLS Console - Windows Interne	t Explorer		
			e.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	€ Coogle Powered Pandion Search
Ele Edit View Favorites Icols Help McAfee // +				
🔶 🏟 🌈 Summary of JDBC Data Sources - fo	cubs113_domain			🚹 🔹 🔝 👘 🖶 🖬 🔁 Bage 🕶 🎯 Tools 🗸 🎽
	Administration Console			Q 🛉
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	٩	We	elcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JDBC Data Sources Configuration Monitoring			
Lock & Edt Release Configuration Domain Structure frubs 113_domain D=Environment	borrow a database connection from a data source. This page summarizes the JDBC data source objects t		nnectivity through a pool of JDBC connections. Applications or domain.	an look up a data source on the JNDI tree and then
Deployments	Customize this table			
⊡-Services ⊕-Messaging	Data Sources (Filtered - More Columns Exist)			
Data Sources	New V Delete		1	Showing 1 to 2 of 2 Previous   Next
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	New V Delete			Showing 1 to 2 of 2 Previous Next
How do I				anoving 10 2012 Heroda Prexe
Create 2000 generic data sources     Create 2000 generic data sources     Create 2000 multi data sources     Delete 2000 multi data sources     Delete 2000 multi data sources      System Status     Paide(0)     Contcal (0)     Overloaded (0)     Waring (0)     O(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'.

jle Edit Yew Favorites Iools Help		
😽 🔗 🔹 🍘 PCUBSWiki - Enabling Debi	ug 🌾 Create a New JDBC Data X	🟠 • 🔝 👘 🖶 Bage • 🕲 Tgols •
ORACLE WebLogic Server®	Administration Console	Q
Change Center	A Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FCUBS113 >Summary of Deployments >FCUBS113Dev >Summary of Dep	olyments >Summary of IDBC Data Sources >FCUBS113 >Summary of JDBC Data Sources
Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Activate Changes	Black Next Frien Cancel	
Undo All Changes	JDBC Data Source Properties	
Domain Structure	The following properties will be used to identify your new JDBC data source.  * Indicates required fields	
fcubs113_domain	- Indicates required helds	
Environment	What would you like to name your new JDBC data source?	
Deployments BirServices	time more her int in more her ten and ten states.	
B Messaging	1 Name: FCUBSDS	
Data Sources		
Persistent Stores Foreign JNDI Providers	What JNDI name would you like to assign to your new JDBC Data Source?	
-Work Contexts	A DINDI Name:	
-XML Registries	idbo/foidevDS	
XML Entity Caches	Japovicjaevus	
-JCOM		
Mail Sessions		
How do L.,		
Create 3DBC generic data sources	What database type would you like to select?	
Create LLR-enabled JDBC data sources	23/24/0 19	
	Database Type: Oracle	
System Status 🖂	La contrata de la contrat	
Health of Running Servers	Elect Next Finish Cancel	
Falled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
1		



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/co	$nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbc/datasources/createjdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/jdbclobal_console/actions/$	cdatasource/selec 👻 🐓 🗙 Google Powered Pandion Search 🖉 🖓
Elle Edit <u>V</u> iew Favorites <u>T</u> ools <u>H</u> elp McAfee [•]		
🚖 🎄 🌈 Create a New JDBC Data Source - I	fcubs113_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         First         Cancel           JDBC Data Source Properties         The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Oracle	
fobe113_domain     Image: Comparison of the comparison of	What database driver would you like to use to create database connections? Note: " indicates that the driver is explicitly sup Database Driver: "Gracle's Driver (Thin) for Instance connections; Versions: 9.0.1 and later Back Next Friend Cancel	pported by Oracle WebLogic Server.
Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)           Critical (0)           Overbaded (0)           Warning (0)           OK (2)		

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



Following screen is displayed:

	s113_domain - WLS Console - Windows Internet Explorer	
🔄 😔 👻 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/creat	ejdbcdatasource/selec 👻 🐓 🗙 Google Powered Pandion Search 🖉 🔎
∃le Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ⑦ McAfee' / ▼		
🖌 💠 🌈 Create a New JDBC Data Source - f	cubs113_domain	🚹 🔹 🗟 👘 🖶 Bage 🕶 🎯 Tgols 🗸
ORACLE WebLogic Server®	Administration Console	Ö
Change Center	🔒 Home Log Out Preferences 🗁 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	Create a New JDBC Data Source           Back         Next         France           Transaction Options         Cancel	
Release Configuration	You have selected non-XA JDBC driver to create database connection in your new data source.	
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.	
Club S12 domain     Control Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Control     Contro     Control     Control	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions Congoing Last Resource Select this option if you want to enable non-XA JDBC connections from the data source to enulate participation in global	
XML Registries XML Entity Caches 	heuristic conditions.  Emulate Two-Phase Commit	
How do I 🖂	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transaction other resources can participate in the global transaction.	ons using the one-phase commit transaction processing. With this option, no
Create JDBC generic data sources     Create LLR-enabled JDBC data sources  System Status	One-Phase Commit     Back Next Finish Cancel	
Health of Running Servers		
Faied (0)           Critical (0)           Overloaded (0)           Warning (0)           O((2))		

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

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



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

🖉 Create a New JDBC Data Source - fcubs	13_domain - WLS Console - Windows Internet Explore			
C + @ http://10.184.74.143:8888/cons	ole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride	=/com/bea/console/actions/jdbc/datasources/createjdbcdat	asource/test( 👻 🐓 🗙 Google Powered Pandion Search	P -
Efe Edit View Favorites Iools Help				
🚖 🎄 🍘 Create a New JDBC Data Source - fcu	ibs113_domain		🏠 * 🔝 * 🖶 * 🔂 Page • 🎯 Tgo	ols • "
	dministration Console		ç	<u> </u>
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_dom	nain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source			-
domain.	Test Configuration Back Next Finish Cancel			
Release Configuration	Test Database Connection			
	Test the database availability and the connection properties you p			
Domain Structure fcubs113 domain	What is the full package name of JDBC driver class used to create d			
B-Environment	(Note that this driver class must be in the classpath of any server to	o which it is deployed.)		
-Services  -Messaging	Driver Class Name:	oracle.jdbc.OracleDriver		Ξ
**Data Sources ***Persistent Stores	What is the URL of the database to connect to? The format of the U	JRL varies by JDBC driver.		
Foreign JNDI Providers Work Contexts	URL:	jdbc:oracle:oci:@10.10.10		
XML Registries	What database account user name do you want to use to create da	stabase connections?		
Mail Sessions	Database User Name:	FCPB1121		
How do I	What is the database account password to use to create database	connections?		
Create JDBC generic data sources     Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the password in th	e Password field instead of the Properties field below)		
System Status	Password:	•••••		
Health of Running Servers Failed (0)	Confirm Password:	•••••		
Critical (0)	What are the properties to pass to the JDBC driver when creating o	latabase connections?		
Overloaded (0) Warning (0)	Properties: user=FCPB1121			
OK (2)	user=FCFB1121			
	The set of driver properties whose values are derived at runtime fm	om the named system property.		
	Surtan Busautian			~
Done			Scal intranet 🔍 100%	•

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



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

Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows In	ternet Explorer					
	sole/console.portal?CreateGlobalJDBCDataSourcePor	rtlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasou	rce/test 💙 😽 🗙 Google Powered Pandion Search 🖉 🔻				
Ele Edit View Favorites Iools Help McAfee •							
🚖 🚸 🌈 Create a New JDBC Data Source - fo	:ubs113_domain		🏠 🔹 🔝 👘 🖶 🔹 🔂 Eage 🔹 🎯 Tgols 🔹 🎽				
	Administration Console		Q 🏫				
Change Center	🏠 Home Log Out Preferences 🔤 Record He	elp	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 connection	on properties you provided.					
B-Environment	What is the full package name of JDBC driver da	iss used to create database connections in the connection pool?					
Deployments E-Services IP-Messaging	(Note that this driver class must be in the classp		E				
Data 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.					
XML Entity Caches 	URL:	jdbc:oracle:oci:@10.10.10					
Fie T3	What database account user name do you want	to use to create database connections?					
How do L	Database User Name:	FCPB1121					
Create LLR-enabled JDBC data sources	What is the database account password to use t	to create database connections?					
System Status		the password in the Password field instead of the Properties field below)					
Health of Running Servers	Password:	••••••					
Failed (0)							
Critical (0) Overloaded (0)	Confirm Password:	•••••					
Warning (0)	What are the properties to pass to the JDBC driver when creating database connections?						
OK (2)							
	Properties: user=FCPB1121						
	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 one or more targets to deploy your new 3DBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time. Servers					
DeploymentsDeployments B-MessagingData SourcesPersistent StoresForeign JNDI Providers	AdminServer     Soa_server1					
Work Contexts XML Registries XML Enkity Caches 	Back Next Finish Cancel					
How do I						
Create JDBC generic data sources     Create LLR-enabled JDBC data sources						
System Status						
Health of Running Servers as of 8:12 PM						
Failed (0) Critical (0) Critical (0) Warning (0)						



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

Summary of JDBC Data Sources - fcub		nain - WLS Console - Windows Internet Exp	lorer		
🔊 🗸 🙋 http://10.184.74.143:8888/co	×	Google Powered Pandion Search			
e <u>E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee / •					
🔅 🍘 Summary of JDBC Data Sources - f	fcubs113_dor	nain			💁 • 🔊 · 🖶 • 📴 Page • 🎯 To
	Administr	ation Console			
hange Center	🔒 Home Log Out Preferences 🔤 Record Help				elcome, weblogic Connected to: fcubs113_dor
iew changes and restarts	Home	>Summary of JDBC Data Sources			
ending changes exist. They must be activated	Summa	ary of JDBC Data Sources			
b take effect.	Config	guration Monitoring			
Activate Changes					
Undo All Changes	A 104	BC data source is an object hound to the INDI tree tha	t provider databare conr	ectivity through a pool of JDBC connections. Applications ca	an look up a data source on the INDI tree and then
		w a database connection from a data source.	, provides database com	contry chough a poor of sobie connections. Appressions of	
omain Structure	This	page summarizes the JDBC data source objects that ha	ve heen created in this d	omain	
ubs113_domain					
-Environment Deployments	0.0.1	tomize this table			
"Services	₩ Cust	omize this table			
⊕-Messaging	Data	Sources (Filtered - More Columns Exist)			
Data Sources	1	v V Delete			
Persistent Stores	Nev	Delete			Showing 1 to 3 of 3 Previous   Next
Foreign JNDI Providers		Name 🐵	Туре	JNDI Name	Targets
Work Contexts XML Registries		Name 🗸	туре	SNDI Name	Targets
XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM					
Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
ow do I		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
	Nev	v V Delete			Showing 1 to 3 of 3 Previous   Next
Create JDBC generic data sources Create JDBC GridLink data sources					
Create JDBC Grutinik data sources					
Delete JDBC data sources					
Delete JDBC data sources Delete JDBC multi data sources					
Delete JDBC multi data sources					
unteren Charburg 🔲	ĩ				
/stem status –					
ealth of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Ovendaded (0)					
Warning (0) OK (2)					

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



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

Summary of JDBC Data Sources - fcub	s113_domain - WLS Console - Windows Internet B	xplorer						
🕒 🕤 👻 http://10.184.74.143:8888/coi	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.7	4.143:8888/console/consol	a,portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💌	Google Powered Pandion Search				
Ele Edit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp © McAfee /								
🖌 🏟 🌈 Summary of JDBC Data Sources - fo	cubs113_domain			🏠 🔹 🔝 👘 🖶 🔹 📴 Bage 🔹 🎯 Tgols 🔹				
ORACLE WebLogic Server®	Administration Console			Ŏ				
Change Center	🔞 Home Log Out Preferences 🔤 Record Help	We	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >Summary of JDBC Data Sources							
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages							
Lock & Edit	Summary of JDBC Data Sources							
Release Configuration	Configuration Monitoring							
[™] Deployments [™] Deployments [®] Services [®] [®] Messaging [®] [®] Data Sources [®] [®] Persistent Stores [™] [®] Persistent Stores [™] [®] NUP Aroviders [™] [®]	This page summarizes the JDBC data source objects that have been created in this domain.   Customize this table Data Sources (filtered - Hore Columns Exist) Click the Look & Editbutton in the Change Center to activate all the buttons on this page.  Filter V Delete Showing 1 to 3 of 3 - Previous   Next							
	Name 🏟	Туре	JNDI Name	Targets				
How do I	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1				
Create JDBC generic data sources	FCUBS113Branch	Generic	idbc/fcidevDSBranch	ManagedServer 1				
Create JDBC GridLink data sources     Create JDBC multi data sources	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer				
<ul> <li>Delete JDBC data sources</li> <li>Delete JDBC multi data sources</li> <li>Delete JDBC multi data sources</li> </ul>	New Y Delete		1	Showing 1 to 3 of 3 Previous   Next				
System Status  System Status Health of Running Servers Faled (0) Contical (0) Overloaded (0)								
Warning (0) OK (2)								

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



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

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

### Note the following

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



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

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

# 7.2.2 JMS Server Creation

Follow the steps given below:

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

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

Following screen is displayed:



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



🗲 🕞 🔻 🙋 http://10.184.74.143:8888/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	
	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>	
omain Structure	<ul> <li>Recent Task Status</li> </ul>	<ul> <li>Ask a question on My Oracle Support</li> </ul>	
ubs113_domain - Environment	<ul> <li>Set your console preferences</li> </ul>	<ul> <li>Oracle Guardian Overview</li> </ul>	
Deployments }-Services	- Domain Configurations		
- Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		<ul> <li>JMS Servers</li> </ul>	Jolt Connection Pools
	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
	Clusters	<ul> <li>Path Services</li> </ul>	Log Files
	Virtual Hosts	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
ow do I	Coherence Servers	<ul> <li>Persistent Stores</li> </ul>	Request Performance
	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	<ul> <li>Foreign JNDI Providers</li> </ul>	SNMP
Record WLST Scripts	<ul> <li>Startup And Shutdown Classes</li> </ul>	<ul> <li>Work Contexts</li> </ul>	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	<ul> <li>Monitoring Dashboard IP</li> </ul>
	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_c	domain - WLS Console - Windows	Internet Explorer			- 2 2			
G v // http://10.184.74.143:888B/cor	🕑 🔻 👔 http://10.184.74.143.8888/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/con							
Elle Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee [*]								
😭 🏟 🌈 Summary of JMS Servers - fcubs113	3_domain - WLS C			合	• 🔊 🕤 🖶 • 🔂 Bage • 🎯 Tgols •			
	Administration Console				Q			
Change Center	🔒 Home Log Out Preferences 🖂	Record Help		Welcome, w	eblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Source	s >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		ntainers for the queues and topics in JMS modules that a ers that have been created in the current WebLogic Ser	-					
Domain Structure           fcubs 113_domain $\oplus$ :Environment $\ominus$ :Deployments $\ominus$ :Ressaying	Customize this table JHS Servers (Filtered - More Co Click the Lock & Editbutton in the	olumns Exist) Change Center to activate all the buttons on this page.						
	New Delete				Showing 0 to 0 of 0 Previous   Next			
Store-and-Forward Agents JMS Modules	🔲 Name 🗇	Persistent Store	Target	Current Server	Health			
Path Services ⊞-Bridges		There a	re no items to display					
Data SourcesPersistent StoresForeign JNDI ProvidersWork ContextsWork ContextsWork	New Delete				Showing 0 to 0 of 0 Previous   Next			
How do L								
Configure JNS servers     Configure JNS system modules  System Status Health of Running Servers  Falled (0)								

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/console/console.pontal?_r/tpb=true%_paget.abel=3msServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSServer/MSS								
Efe Edk Yjew Favorites Iools Help Ø McAfcer								
😭 🏟 🏀 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	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JMS Servers							
Lock & Edit	JMS servers act as management con	tainers for the queues and topics in JMS modules that a	re 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	Customize this table							
fcubs113_domain	JMS Servers (Filtered - More Co	lumns Exist)						
Deployments	New Delete			Showing	0 to 0 of 0 Previous   Next			
⊖-Services ⊖-Messaging	□ Name ↔	Persistent Store	Target	Current Server Health				
<u>JMS Servers</u> Store-and-Forward Agents				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 Lu								
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 Interne	et Explorer	🔳 🗗 🗙
	nsole/console.portal?_nfpb=true&_pageLabel=Jms5	ierverCreateJMSServer&JmsServerCreateJMSServerPortlet_actionOverride=/com/be	za/console) 👻 🔄 🗙 Google Powered Pandion Search 🖉 🔹
File Edit View Favorites Tools Help			
O McAfee'			
🔶 🏟 🌈 Create a New JMS Server - fcubs11	13_domain - WLS C		🏠 🔻 🔝 🔹 🖶 🕈 🔂 Page 🕶 🎯 Tools 📼 🎽
ORACLE WebLogic Server®	Administration Console		Q 🔺
Change Center	🔒 Home Log Out Preferences 🔤 Record I		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXT	EST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JMS Server		
domain.	Back Next Finish Cancel		
	JMS Server Properties		
Release Configuration	The following properties will be used to identif	fy your new JMS Server.	
Domain Structure	* Indicates required fields		
fcubs113_domain	What would you like to name your new JMS Ser	nar ³	
-Environment		i ve t	
Services     Bernessaging	🦺 * Name:	FCUBS_JMSServer	
	Specify persistent store for the new JMS Serve	5r	
Store-and-Forward Agents			
Path Services	Persistent Store:	(none) 🗸 Create a New Store	
Bridges     Data Sources	Back Next Finish Cancel		
Persistent Stores			
Foreign JNDI ProvidersWork Contexts			
How do I			
Configure JMS system modules			
Configure custom persistent stores			
Surtam Statur			
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:

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

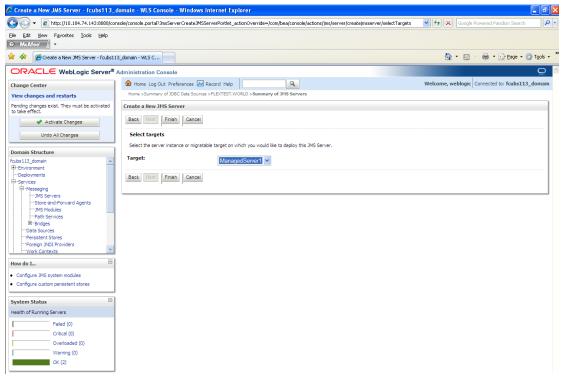
- 10. To identify the new File Store, specify the following properties:
  - Specify the file store name as FCUBS_FileStore.
  - Select a server. For this file store, you may select ManagedServer1 (created by the user).
  - Specify the Filestore Directory path as C:/FCUBS_FileStore.
  - o Click 'OK'.

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



#### 11. Click 'Next'.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🕤 🕶 🙋 http://10.184.74.143:8888/com	nsole/console.portal?3msServerCreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/stores/createjmsfilestore/finish	Google Powered Pandion Search
Ele Edit View Favorites Tools Help		
🚖 🏟 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🛐 🔹 🔝 🔹 🖶 🔹 📴 Bage 👻 🎯 Tools 🔹 🎽
	Administration Console	Q
Change Center	🕯 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
Pending changes exist. They must be activated to take effect.	Messages # File store created successfully.	
Activate Changes	Create a New JMS Server	
Undo All Changes	Brock Next Enish Cancel	
Domain Structure	JMS Server Properties	
	The following properties will be used to identify your new JMS Server. * Indicates required fields What would you like to name your new JMS Server?	
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
UN (2)		



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



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

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

# 7.2.3 JMS Modules Creation

Follow the steps given below:

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



#### The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer					
🚱 🕤 👻 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search				
Eile Edit Yiew Favorites Tools Help						
😭 🏟 🄏 JMS Modules - fcubs113_domain - V	WLS Console	🏠 🔹 🔝 🔹 🖶 🔹 📴 Bage 🕶 🎯 Tgols 👻				
ORACLE WebLogic Server®	Administration Console	Q 🖄				
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.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 JDEE modules. Such resources include queues, topio distributed queues, distributed topics, foregn servers, and JMS store-and-forward (SAF) parameters. You can administratively cont resources. This page summarizes the JMS system modules that have been created for this domain.					
Domain Structure fcubs113 domain						
Denvironment	₽ Customize this table					
Deployments Services	JMS Modules					
	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.					
JMS Servers Store-and-Forward Agents						
	New Delete	Showing 0 to 0 of 0 Previous   Next				
Path Services	□ Name ↔ Type					
Data Sources	There are no items to display					
	New Deele Showing 0 to 0 of 0 Previous					
-Work Contexts						
How do I						
Configure JMS system modules						
Configure resources for JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

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

🧭 JMS Modules - fcubs113_domain - WLS	S Console - Windows Internet Explorer		
🕒 🗸 🖌 💽 http://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true&_pageLabel=http	://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=	-JmsModulesTablePage 💙 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit Yiew Favorites Tools Help • McAfee / •			
🚖 🎄 🌈 JMS Modules - fcubs113_domain - W	VLS Console		🐴 👻 🗟 🕤 🖶 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 >FLEX	TEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FL	LEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules		
Lock & Edit Release Configuration	JMS system resources are configured and s distributed queues, distributed topics, forei resources. This page summarizes the JMS system modu	in servers, 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			
fcubs113_domain	Customize this table		
E-Services E-Messaging	New Delete		Showing 0 to 0 of 0 Previous   Next
Store-and-Forward Agents     JMS Modules	🔲 Name 🖚		Туре
Path Services		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			
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/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnDoes.com/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnDoes.com/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnDoes.com/sole.com/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletreturnDoes.com/sole.com/sole.com/sole.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePage&JmsModuleSTablePortletreturnDoes.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole.com/sole	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)		
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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.

Oral http://10.194.74.14380806/console/console/console/console/actions/fms/modules/system/reademodule/selectTargets     Oral http://10.194.74.14380806/console/console/console/actions/fms/modules/system/reademodule/selectTargets     Oral http://10.194.74.14380806/console/console/console/actions/fms/modules/system/reademodule/selectTargets     Oral http://10.194.74.14380806/console/console/actions/fms/modules/system/reademodule/selectTargets     Oral http://10.194.74.14380806/console/console/console/actions/fms/modules/system/reademodule/selectTargets     Oral http://10.194.74.14380806/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/console/consol
Mediac <
ORACLE WebLogic Server® Administration Console       Image: Construction Console         Change Center       Webcome, weblogic       Connected to: fcubs113_domain         Wew changes and restarts       Home Log Out: Preferences IM Record Help       Webcome, weblogic       Connected to: fcubs113_domain         Home sources y FLEXTEST.WORLD > Summary of JMS Servers > Summary of JMS
Change Center       We changes and restarts         No perind phanese with Clock the Release Configuration to allow others to add the Release Configuration       Contact Sectors > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JMS Clock Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules         Domain Structure foubilis_domain Perindes Perindes Perindes       The following properties will be used to target your new JMS system module. 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.         Targets : Perindes Perindes       Servers
Week changes and restarts         View changes and restarts         View changes and restarts         View changes with Click the Release         Configuration button to allow others to edit the analysis         Image: Configuration         Contain Structure         fs.bor113_domain         Performent
New Value       Create JHS System Hodule         Compain Structure       Finith Cance         The following properties will be used to target your new JHS system module.       Use this page to select the server or duster on which you would like to deploy this JHS system module. You can reconfigure targets later if you wish.         Targets :       Servers         Servers       Adminiserver
Configuration button to allow others to edit the contain in the contained of
domain.       Lock & Edit       Eack       Finstin       Cancel         The following properties will be used to target your new 3HS system module.       Lock A Edit       Lock A Edit       The following properties will be used to target your new 3HS system module.         Domain Structure       Use this page to select the server or duster on which you would like to deploy this 3HS system module. You can reconfigure targets later if you wish.       Targets :         Description       Servers       Servers       AdminServer
Release Configuration       Use this page to select the server or duster on which you would like to deploy this IMS system module. You can reconfigure targets later if you wish.         Domain Structure       Targets :         IP -Environment       Servers         IP -Services       AdminServer
Domain Structure     Image: Construction of the structure of the
fcubs113_domain     Image: Constraint of the second of the s
Implements     Bervers       Implements     Servers       Implements     AdminServer
⊡envices     Servers       ⊡ MS Servers     □ AdminServer
MS Servers
***Store-and-Forward Agents
JMS Modules
⊢Path Services       ✓ ManagedServer1
- Data Sources
-Persistent Stores Back Next Finish Cancel
- Toroign JDD Providers
How do L
Configure JMS system modules
Configure 3MS servers
System Status 🔲
Health of Running Servers
Feled (0)
Critical (0)
Overloaded (0)
Warning (0)
ok (2)

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

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



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

ORACLE WebLogic Server® Administration Console	🕒 💽 👻 🙋 http://10.184.74.143:8888/cons	sole/console.portal?_nfpb=true8pageLabel=3msModulesTablePage	Google Powered Pandion Search
Concal Cale     Change Canter     Wetworkseys and restarts     Particle     Changes        Changes           Changes </th <th></th> <th></th> <th></th>			
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Multiple volume   Work of works and restards   Work of hanges with. They must be actual   Intel & All changes   Intel & All changes   Intel & All changes   Unde All Changes   Deliny must   Deliny must <th></th> <th>dministration Console</th> <th>Q</th>		dministration Console	Q
Kerschauftige Sauter Kerschauftige Sauter Kerschauftige Sauter Saute	Change Center	🖬 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
Periodig dange size. They must be activated in a size effect.          Image size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size of dange size. They must be activated in a size of dange size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size. They must be activated in a size of dange size of dange size. They must be activated in a size of dange size of dange size. They must be activated in a size of dange size of dange size. They must be activated in a size of dange size of dange size of dange size. They must be activated in a size of dange s	View changes and restarts		Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
✓ Activate Changes         Initial Structure         ubbill 3.donain         Performent 1:         "Depriorment 1:         Depriorment	Pending changes exist. They must be activated	-	
Undo AL Changes         Winsin Structure         Workson         Services         Services         Services         Performant:         Data Structure         Work Contexts         Services         Provisions         Services         Provisions		The JMS module was created successfully.	
omain Structure   behaviores	Activate Changes	JMS Modules	
ionalis Structure         distinued queues, distibuted queues, foreign servers, and JMS store-and-forward (SAP) parameters. You can administratively configure and manage JMS system modules as global system           Deployments	Undo All Changes		
Structure       The sources.         Performant       Services         Performants       Services         Pasts Foodules       Services         Pasts Foodules       Services         Preformants       Services         Pasts Foodules       Services         Services       Services         Pasts Foodules       Services         New Services       System Module         Configure JAss system modules       Showing 1 to 1 of 1 Previous   Next         Configure Journal Services       Showing 1 to 1 of 1 Previous   Next         Pasted (0)       Critical (0)       Services         Configure Journal Services       Showing 1 to 1 of 1 Previous   Next         Variang (0)       Critical (0)       Services         Variang (0)       Variang (0)       Services         Variang (0)       Variang (0)       Services			
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Performers         Services         Services         Pailed (0)         Contract (0)         Pailed (0)         Contract (0)         Versides         Pailed (0)         Contract (0)         Versides         Versides         Versides         Contract (0)         Versides			
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Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       System       System       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Showing 1 to 1 of 1       Previous       Next         Image: Sources       Image: Sources       Sources <td></td> <td></td> <td></td>			
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Configure 2MS system modules			Showing to for Frevious   Next
Processment Stores     System       Work Contexts     System       Configure JMS system modules     Showing 1 to 1 of 1 Previous   Next       Configure JMS system modules     Showing 1 to 1 of 1 Previous   Next       instant Status     Beltic       Faled (0)     Critical (0)       Critical (0)     Critical (0)       Warning (0)     Servers		□ Name ↔	Туре
Work Contract       Image: Configure JMS system modules         Configure JMS system modules       Image: Configure JMS system modules         System Status       Image: Configure JMS system modules         Paled (0)       Critical (0)         Configure JMS (0)       Critical (0)         Configure JMS (0)       Critical (0)         Warning (0)       Critical (0)			
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tow do L.  Configure MS system modules Configure resources for JMS system modules  system Status  Faled (0)  Critical (0)  Critical (0)  Warning (0)	-Work Contexts	New Delete	Showing 1 to 1 of 1 Previous   Next
Configure resources for JMS system modules ystem Status  iealth of Running Servers Faled (0) Contrad (0) Contrad (0) Warning (0)	iow do I 🖂		showing to for the board free
Configure resources for JMS system modules       system Status       tealth of Running Servers       Paled (0)       Critical (0)       Overlandeed (0)       Warning (0)	Configure IMS system modules		
Vişstem Status     Image: Comparison of Compar			
lealth of Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0)			
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)	system Status 🗉		
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)	ealth of Running Servers		
Critical (0) Overloaded (0) Warning (0)			
Overbaded (0) Warning (0)	5 1 1 (0)		
Warning (0)			
	Critical (0)		
	Critical (0) Overloaded (0)		

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

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

// JMS Modules - fcubs113_domain - WL!	S Console - Windows Internet Explorer	
() - (i) http://10.184.74.143:88888/com	- isole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=tru	re&_pageLabel=JmsModulesTablePage 🗸 😚 🗙 Google Powered Pandion Search 🛛 🔎 🔹
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😭 🏟 🌈 JM5 Modules - fcubs113_domain - W	A.S Console	🟠 👻 🔜 👘 🖶 Bage 🕶 🎯 Tgols 👻
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Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit Release Configuration	Hone - Summary of JDBC Data Sources > FLEXTEST.WORLD - Summary of JMS Servers - Summary of JDBC I Messages	Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
Domain Structure           Ficke113 Jonan           ⊕ Environment           ⊕ Deployments           ⊕ Services           ⊖ Messaging           └──SPF Nodes	JNS system resources are configured and stored as modules similar to standard 32EE modules. Such re distributed queues, distributed topics, foreign servers, and JNS store-and-forward (SAF) parameters, resources. This page summarizes the JMS system modules that have been created for this domain.	sources include queues, topics, connection factories, templates, destination keys, quota, Tou can administratively configure and manage 3KS system modules as global system
Path Services Path Services Path Services Data SourcesData Sources		Showing 1 to 1 of 1 Previous   Next
Persistent Stores Foreign JNDI Providers	Name 🗞	Туре
How do I	FOUBS_SystemModule      Teete	System Showing I to 1 of 1 Previous   Next
Configure 3MS system modules     Configure resources for 3MS system modules  System Status Health of Running Servers Failed (0) Critical (0) Cverloaded (0) Warning (0) Overloaded (0) Karling (0) CK (2)		



# 7.2.4 Subdeployment Creation

Follow the steps given below:

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

The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
😋 🕞 👻 🛃 http://10.184.74.143:8888/cor	rsole/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	VLS Console	💁 • 🔝 - 🖶 • 🔂 eage • 🎯 Tools • 🎽
	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data	ta Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Hodules JMS system resources are configured and stored as modules similar to standard JZEE modules. Such reso distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. Yo	
Release Configuration	resources. This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure		
fcubs113_domain	Customize this table	
Deployments	JMS Modules	
⊖-Services ⊡-Messaging	New Delete	Showing 1 to 1 of 1 Previous   Next
····JMS Servers		_
Store-and-Forward Agents	Name 🗞	Туре
Path Services	FCUBS_SystemModule	System
-Data Sources	New Delete	Showing 1 to 1 of 1 Previous   Next
Persistent Stores Foreign JNDI Providers		
-Work Contexts		
How do I		
Configure JMS system modules		
Configure resources for JMS system modules		
Sustam Status		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
UN (2)		

2. Click 'Lock & Edit' button.



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

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console	- Windows Internet Ex	plorer			_ & 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?_nfpb=true&_page	Label=JM55ystemModuleCor	figGeneralPage&handle=com	bea.console.handles.JMXHandle%28%22com	.b 👻 🍫 🗙 🛛 Google Powered Pandion Sea	arch 🔎 🔹
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🚖 🏟 🌈 Settings for FCUBS_SystemModule -	fcubs113_domai				🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page	• 💮 T <u>o</u> ols • »
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Change Center	A Home Log Out Preferences	Record Help	Q		Welcome, weblogic Connected to: fcubs	s113_domain
View changes and restarts	Home >Summary of JDBC Data Sou Modules >FCUBS_SystemModule	rces >FLEXTEST.WORLD >Sun	mary of JMS Servers >Summar	y of JDBC Data Sources >FLEXTEST.WORLD >S	immary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemMod	dule				
domain.	Configuration Subdeployment	Targets Security N	lotes			
Release Configuration	This page displays general inform	ation about a JMS system mo	dule and its resources. It also	allows you to configure new resources and ac	cess existing resources.	
Domain Structure fcubs113 domain	Name:	FCUBS_Syste	emModule	The name of this J	15 system module. More Info	
Environment     Deployments     Services	Descriptor File Name:	jms/FCUBS_S	ystemModule-jms.xml	The name of the J	IS module descriptor file. More Info	
3NS Servers Store-and-Forward Agents 3MS Modules Path Services Bath Sources Deta Sources	destination quota, distributed de     Customize this table     Summary of Resources	stinations, foreign servers, ar	nd store-and-forward parame	ters.		
Foreign JNDI Providers     Work Contexts	New Delete				Showing 0 to 0 of 0 Previo	ous   Next
How do L.	🔲 Name 🗠	Туре	JNDI Name	Subdeployment	Targets	
Configure JMS system modules			There a	e no items to display		
Configure subdeployments in JMS system     modules	New Delete				Showing 0 to 0 of 0 Previo	ous   Next
Configure resources for JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

4. Click 'Subdeployments' tab.

Settings for FCUBS SystemModule - fo	ubs113_domain - WLS Console - Windows Internet Explorer		
	isole/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleSubDeploymentTa	bPage8handle=com.bea.console.handles.JMXHandle%28%2	2c 🗸 🎸 🗶 Google Powered Pandion Search
Ele Edit View Favorites Tools Help			
🔶 🏟 🌈 Settings for FCUB5_SystemModule	- fcubs113_domai		🏠 🔹 🔝 🔹 🖶 🔹 🔂 Page 🗸 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console		Q
Change Center		<b>Q</b>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS S Modules >FCUBS_SystemModule	ervers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Su	immary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModule		
Lock & Edit	Configuration Subdeployments Targets Security Notes		
Release Configuration	This page displays subdeployments created for a JMS system module. A sub- grouped and targeted to a server resource (such as JMS servers, server ins		ich as queues, topics, and connection factories) are
Domain Structure			
fcubs113_domain	Customize this table		
Deployments Services	Subdeployments		
□-Messaging	New Delete		Showing 0 to 0 of 0 Previous   Next
····JMS Servers ····Store-and-Forward Agents	□ Name ↔ Resource	es	Targets
		There are no items to display	
🕀 Bridges	Nave Delete		Shawing 0 to 0 of 0. Draviewa   Newt
Persistent Stores	NOW DOUC		and wing or to o or or previous prexit
Foreign JNDI Providers			
How do I			
Configure JMS system modules			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
Hondyas     H	New. Delete	There are no items to display	Showing 0 to 0 of 0 Previous   Next



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	nsole/console.portal?] ms5ystemModuleCreateSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturnTo=JMS5ystemModuleSubDeploymentPortletreturNS5ystemModuleSubDeploymentPortletreturNS5ystemModuleSubDeploymentPortletreturNS5ystemModuleSubDeploymentPortletretUrNS5ystemNoduleSubDeploymentPortletretUrNS5ystemNoduleSu	ymentTabPage8JM5SystemModuleSubDt 👻 🖅 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit Yiew Favorites Tools Help		
😭 🏟 🌈 Create a New Subdeployment - fout	bs113_domain - W	🏠 🔹 🔝 👘 🖶 Page 🗸 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDB Modules >FCUBS_SystemModule	IC 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 Deployments	* Subdeployment Name: FCUBS	
⊟-Services ⊟-Messaging		
JMS Servers	Back Next Finish Cancel	
Store-and-Forward Agents		
Path Services		
B-Bridges		
Persistent Stores		
Foreign JNDI Providers     Work Contexts		
How do I		
Configure subdeployments in JMS system     modules		
modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

# The following screen will be displayed.

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

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



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

Or Activate Changes     Origination     Subdeployments     Targets     Subdeployments     Targets     Subdeployments     Targets     Subdeployments     Subdeployments     Targets     Subdeployments     Subdeployment	-9
Medice <	
ORACLE       WebLogic Server®       Administration Console         Change Center	
Change Center       Welcome, weblogic       Connected to: fcubs113_dot         View changes and restarts       Pendig changes exist. They must be activated to is base effect.       Welcome, weblogic       Connected to: fcubs113_dot         View changes       Welcome, weblogic       Connected to: fcubs113_dot         Undo All Changes       View changes       View changes         Undo All Changes       View changes       View changes         Undo All Changes       View changes       View changes         View changes       Subdeployment created successfuly.       Statings for FCUBS_SystemHodule         Configuration       Subdeployments       Tragets       Subdeployment is a mechanism by which JMS module resources (such as queues, topics, and connection factories) are grouped and targeted to a server resource (such as JMS servers, server instances, or cluster).         Premises       Subdeployments       Subdeployment is a mechanism by which JMS module resources (such as queues, topics, and connection factories) are grouped and targeted to a server resource (such as JMS servers, server instances, or cluster).         Premises       Subdeployments       Subdeployments         Previous       Subdeployments       Subdeployments, server instances, or cluster).         Previous       Subdeployments       Subdeployments, server instances, or cluster).         Previous       Subdeployments       Subdeployments       Subdeployme	ools - »
Wew changes called states and restarts         Peed op danges call.         Wew changes call.         We changes         Configuration         Subjection         Subjection         Subjection         We changes         Subjection         Subjection         We changes <t< th=""><th>o 🍐</th></t<>	o 🍐
Modules     Modules       Pending charges exist. They must be activated to take effect.     Modules       Unido All Changes     Subdeployment created successfully.       Domain Structure fl-Chasting down     Subdeployments created successfully.       Difference     Subdeployments created successfully.       Sections for FCUES_SystemModule     Configuration       Previnces     Subdeployments created for a JMS servers, server instances, or cluster).       Previnces     Provinces       Previnces     Subdeployments       Previnces     Subvers	main
Pending dranges exist. They must be activated to bake effect.       Hessages         Image: Pending dranges exist. They must be activated to bake effect.       Image: Pending dranges         Image: Pending dranges exist. They must be activated to bake effect.       Image: Pending dranges         Image: Pending dranges exist. They must be activated to bake effect.       Image: Pending dranges         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Subdeployment to rested successfully.         Image: Pending dranges       Subdeployments         Image: Pending dranges       This page dsplays subdeployments created for a 3MS servers, server instances, or cluster).         Image: Pending dranges       Pendinges         Image: Pending dranges       Showing 1 to 1 of 1         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Showing 1 to 1 of 1         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Showing 1 to 1 of 1         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Image: Pending dranges         Image: Pending dranges       Image: Pending dranges	
Activate Changes      Undo Al Changes      Configuration      Subdeployment created successfully.      Subdeployment is a contraction      Privament      Privament      Privament      Private      Subdeployments      Customize this table      Customize this table      Customize this table      Customize this table      Customize this tab	
Undo Al Changes       Configuration       Subdeployments       Targets       Security       Notes         Domain Structure       This page daylays subdeployments created for a JMS system module. A subdeployment is a mechanism by which JMS module resources (such as queues, topics, and connection factories) are grouped and targeted to a server resource (such as JMS servers, server instances, or duster).         Defenviorent       Objeophiments       Customize this table         Store and Forward Agents       Subdeployments       Showing 1 to 1 of 1 Previous   New         Definition       Itame in the sources       Targets	
Configuration         Subdeployments         Targets         Security         Nates           Domain Structure (Fubbilit3, Grann P)-Environment ->Deployments         This page displays subdeployments created for a JMS system module. A subdeployment is a mechanism by which JMS module resources (such as queues, topics, and connection factories) are grouped and targeted to a server resource (such as JMS servers, server instances, or cluster).         Image: Configuration         Image: Co	
fcubs113_domain       Image: constraint of the image: co	
IP Environment     Provide and Space Subdepulyments       Pervices     Image: Space Subdepulyments       Image: Space Subdepulyments     Image: Subdepulyments       Image: Space Subdepulyments     Image: Subdepulyments       Image: Subdepulym	
Data Sources I I Name 🖘 Resources Targets	t
Densistent Stores	11
Foreign INDI Providers FCUBS_JMSServer	11
How do L	t.
Configure auditedioyments in 3MS system     montules	
Configure JMS system modules	
System Status     Image: Comparison of the system status       Health of Ruming Servers       Image: Comparison of the system status       Control (0)       Control (0)       Warning (0)       Image: Comparison of K(2)	

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

	console/console.portal?_nfpb=true&_pageLabel=f	rice, ground in a resolution bally consider particular		
jie Edit Yjew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp D McAfee' /				
🗧 🕸 🌈 Settings for FCUBS_SystemModul	le - fcubs113_domai			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🎯 To
	Administration Console			<u> </u>
Change Center	🔒 Home Log Out Preferences 🔤 Reco	cord Help	Web	come, weblogic Connected to: fcubs113_dor
View changes and restarts	Home >Summary of JDBC Data Sources >FL Modules >FCUBS_SystemModule	LEXTEST.WORLD >Summary of JMS Servers >Summar	y of JDBC Data Sources >FLEXTEST.WORLD >Summary of	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 r	restarts are necessary.		
	Settings for FCUBS_SystemModule			
Release Configuration	Configuration Subdeployments Ta	Fargets Security Notes		
Domain Structure				
Environment			mechanism by which JMS module resources (such as qu	
- Hessaging JMS Servers Store-and-Forward Agents	grouped and targeted to a server resour Customize this table Subdeployments		<b>■</b> /-	
⊖-Services ⊖-Messaging Store-and-Forward Agents 	Customize this table	rce (such as Jws servers, server instances, or clust nge Center to activate all the buttons on this page.	э <i>ү</i> .	Showing I to 1 of 1 Previous   Next
Benvices     Howeshapping     Howes	Customize this table Subdeployments Click the Lock & Editbutton in the Chan New Delete Name 🗞		Targets	Showing its 1 of 1 Previous   Next
G Services G Messaging Hots Servers Hots end-Forward Agents Hots Services B Bridges Data Sources Perspetent Sources Foreign 3/01 Providers ¥ Work Contexts ¥	Customize this table Subdeployments Click the Lock & Editbutton in the Chan New Delete Name & Fouss Fouss	nge Center to activate all the buttons on this page.		Showing 1 to 1 of 1 Previous   Next
Services     Messagin     Mit Servers     Mit Servers     Mit Services     Mit Modules     Parts Services     Bit Prindges     Data Sources     Persitent Stores     Foreign JUD Foundaries     Work Contexts	Customize this table Subdeployments Click the Lock & Editbutton in the Chan Newy Delete Name & FCUBS	nge Center to activate all the buttons on this page.	Targets	
Services  Messaging  Messaging	Customize this table Subdeployments Click the Lock & Editbutton in the Chan New Delete Name & Fouss Fouss	nge Center to activate all the buttons on this page.	Targets	Showing 1 to 1 of 1 Previous   Next Showing 1 to 1 of 1 Previous   Next
Services     How Servers     How Servers     How Servers     How Servers     How Servers     How Services     How Modules     How Services     How Services     How Services     How Services     How Services     How do L	Customize this table Subdeployments Click the Lock & Editbutton in the Chan Newy Delete Name & FCUBS	nge Center to activate all the buttons on this page.	Targets	
Services     Messaging     Messaging     Messaging     Modules     Messaging	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame & FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	
Services     Messaging	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame © FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	
Generation     G	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame © FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	
Services  Messaging  Messaging	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame © FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	
Services     Messaging	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame © FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	
Services     Messaging	Customize this table Subdeployments Clock the Lock & Editbutton in the Chen Newy Delete Rame © FCUBS Newy Delete Newy Delete	nge Center to activate all the buttons on this page.	Targets	



# 7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

C Settings for FCUBS_SystemModule - fc	:ubs113_0	lomain - W	LS Console -	Windows	Internet	Explor	er						- 2 🛛
🚱 🗣 🙋 http://10.184.74.143:8888/cor	nsole/console	e.portal?_nfp	b=true&_pageLa	bel=JMSSy:	stemModule	eConfigTa	abPage&JM55ystemModuleCo	onfigGene	eralPortlethandle=com.bea.console. 🛩 🗲	×	Google	e Powered Pandion Searc	h 🔎
Elle Edit Yiew Favorites Tools Help													
😭 🏟 🍘 Settings for FCUB5_SystemModule	- fcubs113_	domai								合	• 🔊	🔹 🖶 🔹 🔂 Bage 🗸	💮 Tgols 🔹 🎽
	Administr	ation Cons	ole										o 🗠
Change Center	🔒 Hon	ne Log Out I	Preferences 🔤	Record He	lp		Q		Welco	me, w	eblogic	Connected to: fcubs1	13_domain
View changes and restarts			JDBC Data Source ystemModule	s >FLEXTES	T.WORLD >	Summary	y of JMS Servers ≻Summary of	JDBC Da	ata Sources > FLEXTEST.WORLD > Summary of	JMS Ser	vers >JN	MS	
Click the Lock & Edit button to modify, add or delete items in this domain.	Setting	s for FCUBS	_SystemModul	le									
Lock & Edit	Config	uration S	ubdeployments	Targets	Security	Notes							
Release Configuration	This p	age displays	general informati	on about a	JMS systen	n module	and its resources. It also allo	ws you t	to configure new resources and access exist	ing reso	urces.		
Domain Structure													
fcubs113_domain	Name				FCUBS_S	ystemMa	dule		The name of this JMS system	module	. More	e Info	
Deployments	Descr	iptor File Na	ime:		jms/FCUE	BS_Syste	mModule-jms.xml		The name of the JMS module	descrip	tor file.	More Info	
Services     Desaging													
JMS Servers									queue and topic destinations, connection fac	tories,	IMS tem	plates, destination sort k	eys,
Store-and-Forward Agents	destr	nation quota,	distributed destr	hations, for	eign serven	s, and sti	ore-and-forward parameters.						
Path Services													
i Bridges	⊮ Cust	omize this I	table										
Data Sources	Sumr	nary of Res	ources										
Foreign JNDI Providers	Click t	he <i>Lock &amp; E</i>	dit button in the (	Change Cer	nter to activ	vate all th	ne buttons on this page.						
-Work Contexts													
How do I	Nev	/ Delete									Shot	wing 0 to 0 of 0 Previou	s   Next
Configure JMS system modules		Name 🚕		Туре		JN	DI Name		Subdeployment			Targets	
<ul> <li>Configure subdeployments in JMS system modules</li> </ul>							There are no	o items to	o display				
Configure resources for JMS system modules		/ Delete									Sho	wing 0 to 0 of 0 Previou	s   Next
System Status													
Health of Running Servers													
Failed (0)													
Critical (0)													
Overloaded (0)													
Warning (0)													
OK (2)													
····													

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



#### The Following screen is displayed.

🕞 😔 🔻 🙋 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLa	abel=JM55ystemModuleConfigGeneralPage	v 47	Google Powered Pandion Search
ile <u>E</u> dit <u>V</u> iew Favorites <u>T</u> ools <u>H</u> elp 9 McAfee // <del>•</del>				
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	Administration Console			Ç
Change Center	🔒 Home Log Out Preferences 🔤	Record Help	Welcor	ne, weblogic Connected to: fcubs113_doma
View changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS_SystemModule	es >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDB	IC Data Sources > FLEXTEST.WORLD > Summary of 3	MS Servers »JMS
to pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModul	le		
domain.	Configuration Subdeployments	Targets Security Notes		
Release Configuration	This page displays general informati	ion about a JMS system module and its resources. It also allows t	you to configure new resources and access existir	ng 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 of	lescriptor file. More Info
Services ID-Messaging 	This page summarizes the JMS reso destination quota, distributed destin	urces that have been created for this JMS system module, includ nations, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	
TServices ⊖ Messaging → 3MS Servers → Store-and-Forward Agents → 3MS Modules → Path Services ⊕ Pridges → Data Sources	This page summarizes the JMS reso destination quota, distributed destin Customize this table Summary of Resources	urces that have been created for this 3%S system module, includ nations, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	
	destination quota, distributed destin	urces that have been created for this 3%S system module, includ nations, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fact	
15 services E Messagners → 305 servers → 305 end Forward Apents → 305 end Forward Apents → 745 Modules → 745 Norces → 745 Sources → 764 Sources →	destination quota, distributed destin     Customize this table     Summary of Resources     New Delete     Name	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Ing queue and topic destinations, connection fact Subdeployment	ories, JMS templates, destination sort keys,
-Services E-Messagner -Store-and-Forward Apents -Store-and-Forward Apents -Data Sources -Pearls Sources -Pearls Sources -Pearls Sources -Pearls Sources -Pearls Applied Sources -Work Contexts 	destination quota, distributed destin     Customize this table     Summary of Resources     New Delete     Name	nations, foreign servers, and store-and-forward parameters.	Subdeployment	ones, JMS templates, destination sort keys,
b) - services c) - Messaging - Missaging - Store-and-Forward Agents - Store-and-Forward Agents - Path Sources - Persistent Stores - Persistent Stores - Persistent Stores - Work Contexts - Work Contexts - Configure JMS system modules Configure JMS system	destination quota, distributed destin     Customize this table     Summary of Resources     New Delete     Name	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	ones, JMS templates, destination sort keys,
Services     Messaging     Messaging     Messaging     Messaging     Surves     Messaging     Surves     Messand-Forward Agents     Messand-Forward Agents     Messand-Forward Agents     Messade     Path Services     Persistent Store     Persistent Store     Work Contexts      Configure sUMS system modules     Configure sUMS system modules	destination quota, distributed destr Customize this table Summary of Resources New Delte Name %	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
Hservices Heresagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns Howesagns	destination quota, distributed destr Customize this table Summary of Resources New Delte Name %	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
T-services	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
"Services	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
"Services	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
T-services  → T-WS Sarves → T-Parstent Sources → T-Parstent Sources → T-orego, XIC Provides → T-WS Configure 3MS system modules Configure subdeployments in JMS system modules configure subdeployments configu	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
services	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets
Services     Messaging	destination quota, distributed destr Customize this table Summary of Resources New Delete Name @ New Delete	nations, foreign servers, and store-and-forward parameters.           Type         JHDI Name	Subdeployment	Showing 0 to 0 of 0 Previous   Next Targets



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

Create a New JMS System Module Res	source - fcubs113_domain - WLS Console - Windows Internet Explorer	
🔊 🕤 👻 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSyste	emModuleEntityPortletcurrentModule=FCUBS_Syster 💟 👉 🔀 Google Powered Pandion Search 🛛 🔎
Edit View Favorites Tools Help McAfee		
🕸 🌈 Create a New JMS System Module	e Resource - fcubs11	🛐 👻 🗟 👘 🖶 Page 🛩 🎯 Tgols 🤊
	[®] Administration Console	Q
nge Center	🟦 Home Log Out Preferences 🗠 Record Help	Welcome, weblogic Connected to: fcubs113_domain
w changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Sum Modules >FCUBS_SystemModule	mary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
ending changes exist. Click the Release figuration button to allow others to edit the ain.	Create a New JM5 System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
nain Structure	Use these pages to create resources in a JMS system module, such as queues, topics, te	emplates, and connection factories.
s113_domain  invironment beployments ervices		ton for creating the resource. For targetable resources, like stand-alone queues and topics, connection i can also proceed to targeting pages for selecting appropriate server targets. You can also associate og 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 clents. More Info
JMS Modules Path Services ED-Bridges Data Sources	O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info
Persistent StoresForeign JNDI ProvidersWork Contexts	() Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
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
onfigure JMS templates onfigure destination keys	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS dients. More Info
onfigure topics onfigure 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 nfiqure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More Info
nfigure foreign servers nfigure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
em Status 👘	<ul> <li>JHS Template</li> </ul>	Defines a set of default configuration settings for multiple destinations. More Info
th of Running Servers Faled (0) Critical (0) Overloaded (0)	○ SAF Imported Destinations	Defines a collection of imported store-and-forward (SAP) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported in the local cluster server instance, so that the local server instance or cluster can served messages to the remote server instance or cluster. We enfort.
		Succal intranet 🔍 100%



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

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Win	dows Internet Explorer		- 5 🛛
🕒 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?JmsCreateSystemModuleEntityPortlet_	actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE	intit 🔽 😽 🗙 🛛 Google Powered Pandion Search	P •
Ele Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee //				
🔆 🏟 🍘 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 queues     Configure connection factories				
Configure uniform distributed topics				
Configure uniform distributed queues				
Configure foreign servers				
Configure JMS SAF				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				~
Done			Succal intranet 🔍	100% •

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

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



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🕤 👻 🙋 http://10.184.74.143:8888/con	sole/console.portal	💌 🐓 🗙 🛛 Google Powered Pandion Search 🛛 🔎 💌
Eile Edit Yiew Favorites Tools Help		
🚖 🏟 🌈 Create a New JMS System Module R	esource - fcubs11	🟠 👻 📾 👻 🖶 Page 👻 🎯 Tools 👻
	Administration Console	Q 🌢
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Source Modules >FCUBS_SystemModule	s >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism SAF agent. If necessary, you can create a new subdeployment by clicking the <b>Create a New Subdeployment</b> module's subdeployment management page.	by which JMS resources are grouped and targeted to a server instance, cluster, or button. You can also reconfigure subdeployment targets later by using the parent
Deployments     Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
Hessaging	Subdeployments: FCUBS V Create a New Subdeployment	
Store-and-Forward Agents		
Path Services	What targets do you want to assign to this subdeployment?	
⊕-Bridges Data Sources	Targets :	
Persistent Stores Foreign JNDI Providers	JMS Servers	
Work Contexts		
How do I	FCUB5_JH5Server	
Configure quotas for destinations	Back Next Finish Cancel	
Configure JMS templates     Configure destination keys		
Configure desuriation keys     Configure topics		
Configure queues		
Configure connection factories		
<ul> <li>Configure uniform distributed topics</li> </ul>		
Configure uniform distributed queues		
Configure foreign servers		
Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Done		Scoal intranet 🔍 100% 👻



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

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



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

0011101 .						
Settings for FCUBS_SystemModule - fo	cubs113_	lomain - WLS Console -	Windows Internet Ex	(plorer		
G v litp://10.184.74.143:8888/co	nsole/consol	e.portal?_nfpb=true&_pageLa	oel=http://10.184.74.14	3:8888/console/console.portal?_nfpb	=true&_pageLabel=http://10.184.74.143	Google Powered Pandion Search
Eile Edit View Favorites Iools Help						
🚖 🔅 🏀 Settings for FCUBS_SystemModule	- fcubs113_	domai				🏠 🔹 🔝 👘 🖷 🔂 Page 🗸 🍥 T <u>o</u> ols 🗸
ORACLE WebLogic Server®	Administr	ation Console				Q
Change Center	🔒 Hor	ne Log Out Preferences 🔤	Record Help	Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts		>Summary of JDBC Data Source as >FCUBS_SystemModule	>FLEXTEST.WORLD >Su	mmary of JMS Servers >Summary of J	BC Data Sources >FLEXTEST.WORLD >Sur	nmary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Setting	s for FCUBS_SystemModu	e			
domain.	Config	uration Subdeployments	Targets Security	Notes		
Release Configuration	This ;	age displays general informati	on about a JMS system m	odule and its resources. It also allow	you to configure new resources and acc	ess existing resources.
Domain Structure	Name	:	FCUBS_Syst	emModule	The name of this JM:	S system module. More Info
fcubs113_domain	Descr	iptor File Name:		SystemModule-jms.xml	The name of the JMS	S module descriptor file. More Info
	desti			nd store-and-forward parameters.	anny queue and topic describitions, conne	ction factories, JMS templates, destination sort keys,
Data Sources Persistent Stores	Nev					Showing 1 to 1 of 1 Previous   Next
Foreign JNDI Providers		Name 🗇	Туре	JNDI Name	Subdeployment	Targets
How do I  Configure JMS system modules		NOTIFY_DEST_QUEUE	Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
Configure JMS system modules     Configure subdeployments in JMS system     modules	Nev	Delete			I	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'.

		Console - Windows Internet E	xpiorei		
Inter://10.184.74.143:8888/con	nsole/console.portal?_nfpb=tru	e&_pageLabel=http://10.184.74.14	3:8888/console/console.portal?_nfpb=true&_pageLi	bel=http://10.184.74.143 🗙 🐓 🗙	Google Powered Pandion Search
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🖌 🔅 🦉 Settings for FCUB5_SystemModule -	- fcubs113_domai			<u>م</u>	🛯 👘 👘 🔹 🔂 Page 🗸 🎯 Tgols 🗸
ORACLE WebLogic Server®	Administration Console				õ
Change Center	🙆 Home Log Out Prefer	rences 🔤 Record Help	Q	Welcome, we	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Modules >FCUBS_System		ummary of JMS Servers >Summary of JDBC Data Source	s >FLEXTEST.WORLD >Summary of JMS Serv	ers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_Sys	temModule			
Lock & Edit	Configuration Subde	ployments Targets Security	Notes		
Release Configuration	This page displays gener	al information about a JMS system r	nodule and its resources. It also allows you to configu	re new resources and access existing resou	rces.
Domain Structure	Name:	FCUBS_Sys	temModule	The name of this JMS system module.	More Info
B-Environment	Descriptor File Name:	jms/FCUBS	_SystemModule-jms.xml	The name of the JMS module descripto	r file. More Info
	Customize this table				Showing 1 to 1 of 1 Previous   Next
Foreign JNDI Providers					Showing the terr freedos priese
Work Contexts					
Work Contexts	🔲 Name 🗞	Туре	JNDI Name	Subdeployment	Targets
Iow do I	□     Name        □     NOTIFY_DEST_Q			FCUBS	Targets FCUBS_JMSServer
Iow do I					
H-Work Contexts  How do I  Configure JMS system modules Configure subdeployments in JMS system	NOTIFY_DEST_Q				FCUBS_JMSServer



# The following screen is displayed:

Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explo	irer 📃 🗖 🖸
🔾 🕤 👻 🙋 http://10.184.74.143:8888/col	nsole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&Jms	CreateSystemModuleEntityPortletcurrentModule=FCUBS_Syster 💌 4 🔀 Google Powered Pandion Search 🛛 🔎
ile Edit View Favorites Tools Help McAfee		
		🏠 🔹 🔝 👘 🖶 Page 🕶 🎯 Tgols 🔹
Create a New JMS System Module F		M + M + III Falle + Ø 100s +
DRACLE WebLogic Server®		Q
hange Center		Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS S Modules >FCUBS_SystemModule	ervers »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 JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
omain Structure	Use these pages to create resources in a JMS system module, such as queue	s, topics, templates, and connection factories.
ubs113_domain Environment Deployments Services	Depending on the type of resource you select, you are prompted to enter ba factories, distributed queues and topics, foreign servers, and JMS SAF destir targetable resources with subdeployments, which is an advanced mechanism	sic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection valuns, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate for grouping JMS module resources and the members to server resources.
Hessaging MS Servers Store-and-Forward Agents	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS dients. More Info
	O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info
Persistent Stores Foreign JNDI Providers Work Contexts	🔿 Торіс	Defines a publicit/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. Where Info
w do I   Configure quotas 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
Configure JMS templates Configure destination keys	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
Configure topics Configure queues Configure connection factories	🚫 Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection factories Configure uniform distributed topics Configure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More Info
Configure foreign servers Configure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
stem Status 📃	) JHS Template	Defines a set of default configuration settings for multiple destinations. More Info
Paled (0) Critical (0) Overloaded (0)	○ SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported in to the local ducter or server instance, so that the local server instance or cluster can send messages to the remote server instance or ducter. More Info
		🔍 Local intranet 🔍 100% 👻



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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	- 7 🛛
🚱 🗸 🖉 http://10.184.74.143:8888/con	onsole/console.portal?ImsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectEntit 🗹 🐓 🗶 Google Powered Pandion Sear	rch 🔎 🔹
Eile Edit Yiew Favorites Tools Help		
🖌 🎄 🏉 Create a New JMS System Module R	Resource - fcubs11 🔤 👘 👻 🔂 👘 👘 🔛 Bage :	• 🎯 Tools • »
	Administration Console	Q ^
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	113_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	Connection Factory Properties	
	The following properties will be used to identify your new connection factory. The current module is FCUBS_SystemModule.	
Domain Structure fcubs113_domain	* Indicates required fields	
Environment     Deployments	What would you like to name your new connection factory?	
⊖-Services ⊖-Messaging JMS Servers	* Name: NotifyDestQCF	
Store-and-Forward Agents	What JNDI Name would you like to use to look up your new connection factory?	
Path Services ⊞-Bridges	JNDI Name: NotifyDestQCF	=
Data Sources Persistent Stores	The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sha	arable?
Foreign JNDI Providers     Work Contexts	Subscription Sharing Policy:	
How do I	The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribers	s.
Configure quotas for destinations     Configure JMS templates	Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?	
Configure destination keys	Client ID Policy: Restricted	
Configure topics     Configure queues	A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit?	
Configure queees     Configure connection factories	Maximum Messages per Session:	
Configure uniform distributed topics	10	
Configure uniform distributed queues     Configure foreign servers	Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
Configure JMS SAF	V XA Connection Factory Enabled	
System Status	Back Next Finish Cancel	
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)	<u> </u>	~
Done	Second Intranet	🔍 100% 🔹 💡

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



The following screen is displayed:

🖉 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 🔄 🐂 🔹 🔂 🐐 👘 🐑 Bage 🖛 🎲 Tgads	• *
	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 <b>Advanced Targeting</b> 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
<ul> <li>Configure quotas for destinations</li> </ul>		
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 Res	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🕞 👻 http://10.184.74.143:8888/co	nsole/console.portal	Google Powered Pandion Search
Ele Edit View Favorites Tools Help		
ALANCE	Resource - fcubs11	🟠 🔹 🖾 🔹 🖶 🖓 Bage 🔹 🎲 T <u>o</u> ols 🔹
	Administration Console	Q
Change Center	💼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTI Modules >FCUBS_System/Module	EST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain	Up Big gage to select a subdeployment to action the system module resource. A subdeployment is a mechanism by which SRF spent. If necessary, you can contait a new subdeployment by clicking the <b>Create a New Subdeployment</b> buttom. Y module's subdeployment management page.	IMS resources are grouped and targeted to a server instance, cluster, or ou can also reconfigure subdeployment targets later by using the parent
Horization - Deployments Horization - Services Horization - Messaging	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
JMS Servers Store-and-Forward Agents	Subdeployments: FCUBS Create a New Subdeployment	
···· JMS Modules ····Path Services	What targets do you want to assign to this subdeployment?	
Bridges     Data Sources	Targets :	
Persistent Stores Foreign JNDI Providers	Servers	
-Work Contexts		
How do I	HanagedServer1	
Configure quotas for destinations	JMS Servers	
Configure JMS templates     Configure destination keys	FCUBS_JMSServer	
Configure topics	COBS_JMSServer	
Configure queues	Back Next Finish Cancel	
<ul> <li>Configure connection factories</li> </ul>		
Configure uniform distributed topics		
Configure uniform distributed queues     Configure foreign servers		
Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
	1	🔍 Local intranet 🛛 🔍 100% 👻
lone		Sucal intranet 🔍 100% 🔻

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



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

Settings for FCUBS_SystemModule - fc	ubs113_d	omain - WLS Console -	Windows	Interne	t Explorer						_ 0
👅 🕤 👻 🙋 http://10.184.74.143:8888/cor	nsole/console	.portal?_nfpb=true&_pageLa	bel=JM55y	stemModu	leConfigGeneralF	Page		v 47 >	Google I	owered Pandion Search	
jle Edit ⊻jew Favorites Tools Help 9 McAfee* / →											
🗧 🏟 🌈 Settings for FCUBS_SystemModule	- fcubs113_d	omai						Č	<b>•</b> •	- 🖶 🔹 🔂 <u>P</u> age 🔹 🌘	) T <u>o</u> ols
	Administra	tion Console									Q
Change Center	Home	🔒 Home Log Out Preferences 🔤 Record Help				Welcome,	weblogic	Connected to: fcubs113	_domai		
/iew changes and restarts			s >FLEXTES	T.WORLD	>Summary of JM	S Servers >	Summary of JDBC Data Sources > FLE	XTEST.WORLD >Summary of JMS	Servers >JMS		
Pending changes exist. They must be activated to take effect.	Message	Modules >FCUBS_SystemModule Messages & Connection factory created successfully.									
<ul> <li>Activate Changes</li> </ul>											
Undo All Changes	_	for FCUBS_SystemModu									
Domain Structure	Configu	uration Subdeployments	Targets	Security	y Notes						
ubs113_domain All All All All All All All All All Al	This pa	age displays general informat	on about a	JMS syste	em module and its	s resources	. It also allows you to configure new	r resources and access existing r	esources.		
-Services Messaging	Name:			FCUBS_	SystemModule		1	The name of this JMS system mod	iule. More I	nfo	
	Descriptor File Name: jms/FCUBS_SystemModule-jms.xml This page summarizes the JMS resources that have been created for this JMS system module, including que destination quota, distributed destinations, foreign servers, and store and forward parameters.			n module, including queue and topic	The name of the JMS module descriptor file. More Info			s,			
Data Sources Persistent Stores Foreign JNDI Providers		mize this table									
Work Contexts	Summ	ary of Resources									
00 00 1	New	Delete							Showi	ng 1 to 2 of 2 Previous	Next
Configure JMS system modules Configure subdeployments in JMS system modules		Name 🚕		Туре			JNDI Name	Subdeployment	Т	argets	
Configure resources for JMS system modules		NotifyDestQCF		Connect	tion Factory		NotifyDestQCF	FCUBS	FC	UBS_JMSServer	
vstem Status		NOTIFY_DEST_QUEUE		Queue			NOTIFY_DEST_QUEUE	FCUBS	FC	UBS_JMSServer	
alth of Running Servers	New	Delete							Showi	ng 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	/console/console.portal?_nfpb=true&_pageLabel=JM5ConnectionFactorygeneralTabPage&handle=com.	.bea.console.handles.JMXHandle%28%22com 💙 🐓 🔀 Google Powered Pandion Search 💦 👂
Eile Edit View Favorites Iools Help • McAfee /		
😭 🏘 🌈 Settings for NotifyDestQCF - for	dos113_domain - WL5	🛐 👻 👼 👻 📴 Page 👻 🎯 Tgols 👻
	Administration Console	Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	T.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Sec	surity
Domain Structure	Save	
fcubs113_domain ⊕=Environment →Deployments ⊖=Services ↓=→Messaging ↓=→IMS Servers		which includes various client connection, default delivery, load balancing, and security parameters. 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
<ul> <li>Bridges</li> <li>Data Sources</li> </ul>	🔲 🏘 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Persistent StoresForeign JNDI Providers	- D Advanced	
Configure connection factories		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

Settings for NotifyDestQCF - fcubs113	3_domain - WLS Console - Windows Internet Explorer	- 6 🛛
	console/console.portal?_nfpb=true%_pageLabel=JMSConnectionFactorytransactionparamsTabPage%handle=com.bea.console.handles.JMXHandle%; 💙 🚱 🗙 Google Powered Pandion S	Search 👂 🔹
Eile Edit Yiew Favorites Tools Help McAfee •		
🔶 🏟 🍘 Settings for NotifyDestQCF - fcubs1	113_domain - WL5 🚺 🔹 🔂 👘 🔹 🔂 🔒	ıge ∙ 🍥 T <u>o</u> ols ∙ ×
	[®] Administration Console	Q 🗠
Change Center	🏦 Home Log Out Preferences 🖾 Record Help 📃 🔍 Welcome, weblogic Connected to: fou	ubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Security	
Domain Structure	Save	
fcubs113_domain         ▲           ⊕:Environment         →           →:Deployments         ●           ⊕:Services         ●           ⊕:Hessaging         →           ↓:HIMS Servers         >	Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic co factory is returned, which create sessions that are JTA user-transaction aware.           Transaction Timeout:         3600         The timeout value (in seconds) for all transactions on connection	
Store-and-Forward Agents JNS Modules Path Services Data Sources Data Sources Parsistent Stores Parsistent Stores Parsign JND Provides Work Contexts	Indicates whether a XA quote time         Save	n factory can to create an
How do I		
Configure connection factories  System Status Health of Running Servers  Failed (0)  Critical (0)  Coverbaded (0)  Warning (0)  Ov (2)		



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

C Settings for NotifyDestQCF - fcubs113	L_domain - WLS Console - Windows Interne	t Explorer	
G v Attp://10.184.74.143:8888/com	nsole/console.portal?_nfpb=true&_pageLabel=JMSCor	nnectionFactorytransactionparamsTabPage	e&handle=com.bea.console.handles.JMXHandle%; 💙 🐓 🔀 🛛 Google Powered Pandion Search 🛛 🔎 💌
Ele Edit View Favorites Tools Help			
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs	113_domain - WL5		🟠 🔻 🔂 👘 🖶 Bage 🗸 🎯 Tools – 👋
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🖂 Record He	elp 🔍	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Serv Modules >FCUBS_SystemModule >NotifyDestQCF >		rEST.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Messages Settings updated successfully.		
Activate Changes	Settings for NotifyDestQCF		
Undo All Changes	Configuration Subdeployment Notes		
Domain Structure		actions Flow Control Load Balance	Security
fcubs113_domain	Save		
Deployments Deployments	Jave		
⊡-Messaging ──JMS Servers ──Store-and-Forward Agents	Use this page to define the transaction configur factory is returned, which create sessions that		can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection
JMS Modules Path Services Bridges	Transaction Timeout:	3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info
Data Sources    Persistent Stores    Foreign JNDI Providers    Work Contexts	図 4日 XA Connection Factory Enabled		Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an XAConnection, which in turn may be used to create an XAGession, which in turn may be used to obtain an XAResource for use inside a transaction meanaer. Mere Info
How do I			
Configure connection factories	Save		
System Status			
Health of Running Servers			
Failed (0)			
Critical (0) Overloaded (0)			
Warning (0)			
OK (2)			

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

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

C Settings for NotifyDestQCF - fcubs113	3_domain - WLS Console - Windows Internet Explorer	_ 8 🛛
(C) - (E) http://10.184.74.143:8888/con	onsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactor 💟 🍫 🗙 Google Powered Pandon	Search
Elle Edit View Favorites Tools Help		
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1	s113_domain - WL5 📃 👘 🔹 🔂 🐑 📴	age 🔹 🍈 T <u>o</u> ols 🔹 🥍
	Administration Console	Q 🗠
Change Center	🟦 Home Log Out Preferences 🐼 Record Help 🔍 🔍 Welcome, weblogic Connected to: for	ubs113_domain
View changes and restarts Cick the Lock & Bdit button to modify, add or delete items in this domain. Lock & Edit Release Configuration	Hone PEE/CEESTWORLD >Summary of JMS Sarvers >Summary of JDBC Data Sources >FLECTEST.WORLD >Summary of JMS Sarvers >JMS Modules >FCUBS_SystemModule >NCEFyOasQCF >FCUBS_SystemModule >HotifyDestQCF Messages	
Release Configuration	Configuration Subdeployment Notes	
Domain Structure       fcubs 13_domain       #-Environment       !-Deployments       !-Services       !-Store-and-Ponvard Agents       !-Mis Services       !-Path Services       !-Dath Services       !-Providers       !-Providers       !-Foreign JNDI Providers       !-Foreign JNDI Providers       !-Configure connection factories	a transaction manager. More Info	ns created with returned, on factory can to create an
System Status     □       Health of Running Servers       Paled (0)       Ortical (0)       Overloaded (0)       Warning (0)       OK (2)	Click the <i>Lock &amp; Edit</i> button in the Change Center to modify the settings on this page.	



# 7.3 Configuring Weblogic for PMGateway

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

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

# 7.4 Configuring Weblogic for Oracle FLEXCUBE

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

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

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



The following screen is displayed:

	s113_domain - WLS Console - Windows Internet Exp		
	.nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigGene	eralPage&DomainConfigGeneralPortlethanc	dle=com.bea.console.handles.JMXHand 💙 🐓 🗙 Google Powered Pandion Search
dit View Favorites Tools Help Afoc -			
Settings for fcubs113_domain - fc	ubs113_domain - W		🟠 👻 🗟 👘 🖶 Bage 🕶 🎯 T <u>o</u> ol
	Administration Console		
e Center	😰 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_dom
hanges and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sour Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_Sys	rces >FLEXTEST.WORLD >Summary of JMS stemModule >NotifyDestQCF >fcubs113_do	Servers >JMS main
ding changes exist. Click the Release aration button to allow others to edit the	Settings for fcubs113_domain		
Lock & Edit	Configuration Monitoring Control Security Web	b Service Security Notes	
Release Configuration	General JTA JPA EJBs Web Applications Log	gging Log Filters	
in Structure	Save		
13 domain ironment loyments vices Messaging IJMS Servers	A domain is a collection of WebLogic Server instances that i domain. * Indicates required fields	is managed by a single Administration Serv	er. Use this page to configure administrative options that apply to all servers in the current
	* Name:	fcubs113_domain	The name of this WebLogic Server domain. More Info
Path Services B-Bridges Data Sources Persistent Stores	Enable Administration Port		Specifies whether the domain-wide administration port should be enabled for this WebLogic Server domain. Because the administration port uses SSL, enabling the administration port requires that SSL must be configured for all servers in the domain. More Info
Foreign JNDI Providers Work Contexts			
	Administration Port:	9002	(Requires you to enable the administration port.) More Info
o I nge Console preferences figure the domain-wide administration port	Administration Port:	true	Requires you to enable the administration port.) More Info Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
nge Console preferences figure the doman-wide administration port tive configuration files ble the Console m Status			Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command
o z ge Console preferences Sigure the domain-wide administration port we configuration files the Console m Status fRunning Servers Failed (0)	n Production Mode:		Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Inflo Specifies whether optimizations for Quele Exologic should be enabled. Optimization include improved thread management and expand processing, and reduced loss common. This athibute duration that be enabled only wheth configuring a WebLogic domain for Quarke Exologic. For more information, see "transfer Exolance-Specific Frainvenetter in to Oracle WebLogic Server 1.1a
per Conside preferences     grue the domain-wide administration port     vie configuration files     leithe Console	종] Production Mode:	tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
geConside preferences     figure the domain-wide administration port     ive configuration files     tes Console     figure the domain of the Console     figure the domain of the Console     figure the Console     figure the Console     figure the domain of th	الله المعاد	tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
per Conside preferences     grue the domain-wide administration port     vie configuration files     leithe Console		tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Enfo  Specifies whether optimizations for Onade Exalogic should be enabled. The admin server startup command production induce improved thread immagement and request processing, configuring a Websogn domain for Onade Exalogic, Form ore formation, server 11g Refease 1 (10.3.4) in the Orade Exalogic Oragionment Guide Englishing Exalogi-Specific Enhancements in Orade Websogn Stopping Guide. The Orade Exalogic Oragionment Guide Englishing Exalogic Specific Enhancements in Orade Websogn Stopping Guide. The Orade Exalogic Oragionment Guide. The Mere Enfo  Specifies that deployments targeted to a duster succeed only if all servers in the duster are noning. More Enfo  Specifies whether the Quardian Agent is deployed when starting servers in the Guide an Africa.



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

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

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



C Settings for fcubs113_domain - fcubs11	3_domain - WLS Console - Windows Internet Explorer	
COO - 10 http://10.184.74.143:8888/consc	$ble/console.portal?_nfpb=true8_pageLabel=DomainConfigWebAppPage8handle=com.bea.console.handles.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHandes.JMXHAndes.JMXHandes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAndes.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAAddas.JMXHAd$	dle%28%22com.bea%3ANa 🗸 🍫 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit View Favorites Tools Help		
🔶 🏟 🌈 Settings for fcubs113_domain - fcubs	113_domain - W	🏠 👻 🗟 👘 🖶 2age 🗸 🎯 Tgols 🗸 🎽
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	UebLogic Plugin Enabled	Specifies whether or not the proprietary VIL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info
	✓ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info
		Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info
	WAP Enabled	Indicates whether the session ID should include JVM information. (Checking this box may be necessary when using LRL:remitting with WAP devices that limit the size of the URL to I23 daracters, 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 daracters, and it will not contain any special characters. More info
	Post Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent derial-of-service attacks that attempt to overload the server with POST data.) More Info
	Maximum Post Time: -1	Max Post Time (n seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	Maximum Post Size: _1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More info
	☑ Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info
	d€ P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Vieb site. More Info
	JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not confirm to the JSP.0. specification. This property exists for backward compatibility. More Info
		Global property to determine the behavior of getReaPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info
	Save	



Settings for fcubs113_domain - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
🔄 🕒 🕶 🔊 http://10.184.74.143:8888/cons	ole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMX	Handle%28%22com.bea%3ANa 🖤 🔄 🗙 Google Powered Pandion Search 🖉 🔎
Ele Edit View Favorites Tools Help		
🚖 🏟 🌈 Settings for fcubs113_domain - fcubs	s113_domain - W	🟠 🔹 🔂 🕤 🖶 Page = 🎯 T <u>o</u> ols = 🂙
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	🗌 WebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info
	✓ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info
	☑ ∰ Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info
	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 Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info
	Maximum Post Time: _1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	Maximum Post Size: _1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More Info
	✓ 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
	<b>修</b> 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
	☑ 4월 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2.0 genefication. This property exists for badward compatibility. More Info
	☑ 🖉 Archived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info
	Save	

- 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	
🚱 🕞 🗸 🙋 http://10.184.74.143:8888/cor	rsole/console.portal?_nfpb=true%_pageLabel=DomainConfigWebAppPage%handle=com.bea.console.handles.JMVHar	ndle%28%22com.bea%3ANa 💙 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Iools Help • McAfee /		
🚖 🕸 🏾 🏀 Settings for fcubs113_domain - fcu	bs113_domain - W	🟠 🔹 🗟 👘 👘 🖓 Bage 🛪 🎯 Tools 🔹 🍟
	Administration Console	Q 🏠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >J Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF > <b>fcubs113_domain</b>	MS
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
B-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	Indicates whether or not to apply inters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied ServletFilters (if configured for the Web application) on request dispatches
Health of Running Servers		(and includes/forwards). 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 JZEE specification, the default value for FilterDispatchedRequestEnabled is false beginning with WebLogic Server 9.0.
Critical (0)		Note that if you are using old descriptors (meaning with webcigit server s.o. version=2.4), then WebLogic Server automatically uses
Overloaded (0)		FilterOlspatchedRequestsEnabled = true for the Web applications, unless filter-dispatchedRequestsEnabled 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
l		weblogic.servlet.SessionCreationException. The application code needs to catch this exception and take proper action. Alternatively appropriate error-
Dope		💙 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'.

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Ex	plorer			
🚱 🕞 🔻 🔊 http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=MallMalSessionTablePage				🖌 😽 🗙 Google Powered Pandion Search 🛛 🔎 🔹	
Elle Edit View Favorites Tools Help					
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🏠 🔹 🔂 🔹 🖶 🔹 🔂 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 >NotifyDestQCF >FC	ORLD > Summary of JMS Servers > JMS UBS_SystemModule > NotifyDestOCF > fcubs113	domain >Summary of Mail Sess	ions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions				
Lock & Edit Release Configuration	Protocol (SMTP)-capable mail servers on your netwo	ork or the Internet.		Internet Message Access Protocal (IMAP)- and Simple Mail Transfer	
Domain Structure           → Messaging           → 3M5 Servers           → Store and Forward Agents           → 3M5 Modules           → 7M5 Services           ⊕ Prickes	This page summarizes the mail sessions that have b Customize this table Mail Sessions Click the <i>Lock &amp; Edit</i> button in the Change Center		r domain.		
Data Sources	New Clone Delete			Showing 0 to 0 of 0 Previous   Next	
Foreign JNDI Providers Work Contexts	Name 🗇	Properties		JNDI Name	
XML Registries		There are no	items to display		
XML Entity Caches jCOM <b>Mail Sessions</b>	New Clone Delete			Showing 0 to 0 of 0 Previous   Next	
How do I					
Configure access to JavaMal     Target mal sessions     Delete mal sessions  System Status     Faldin of Running Servers     Falded (0)     Overloaded (0)     Warning (0)     OK (2)					

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

Summary of Mail Sessions - fcubs113	_domain - WLS Console - Windows Internet E	xplorer		
🚱 🕤 🕶 🙋 http://10.184.74.143:8888/co	🖌 🛃 🗶 Google Powered Pandion Search			
Ele Edit View Favorites Tools Help				
🚖 🕸 🌈 Summary of Mail Sessions - fcubs1:	13_domain - WL5 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.V Modules >FCUBS_SystemModule >NotifyDestQCF >F4	WORLD >Summary of JMS Servers >JMS CUBS_SystemModule >NotifyDestQCF >fcubs113_dor	nain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions			
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Ja Protocol (SMTP)-capable mail servers on your netw This page summarizes the mail sessions that have	work or the Internet.	22EE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer	
Domain Structure	This page summarizes the mail sessions that have	been conligated in the current weblogic server o	onan.	
	Customize this table			
···· JMS Modules	Mail Sessions			
Path Services  B-Bridges	Click the Lock & Edit button in the Change Cente	r to activate all the buttons on this page.		
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous   Next	
Foreign JNDI Providers Work Contexts	🔲 Name 🗇	Properties	JNDI Name	
XML Registries	There are no items to display			
XML Entity Caches	New Cone Delete Showing 0 to 0 of 0 Previous   Next			
Mail Sessions				
How do L	l			
Configure access to JavaMail				
Target mail sessions				
Delete mail sessions				
System Status	i			
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
ОК (2)				
	1			



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

🖉 Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet E	xplorer			- 7 🛛
A ttp://10.184.74.143:8888/con      A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143:8888/con     A ttp://10.184.74.143     A ttp://10.184.74     A ttp://10.184.74     A ttp://10.184.74     A ttp://10.184.74     A ttp://10.184.74     A ttp:/	nsole/console.portal?_nfpb=true&_pageLabel=MailCreat	eMailSession		Google Powered Pandion Search	ρ-
File Edit View Favorites Tools Help					
😭 🏟 🔾 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🟠 🔹 🔝 🕤 🖶 🖬 🔁 📴 Page 🕶 🎯	T <u>o</u> ols • 3
	Administration Console				Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_d	omain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST./ Modules >FCUB5_SystemModule >NotifyDestQCF >F		omain >Summary of Mail Sessions		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Mail Sessions				
Lock & Edit	Mail sessions facilitate the process of using the Ja Protocol (SMTP)-capable mail servers on your net This page summarizes the mail sessions that have	work or the Internet.		Message Access Protocol (IMAP) - and Simple Mail Transf	er
Domain Structure					
C-Messaging	Customize this table				
Store-and-Forward Agents	Mail Sessions (Filtered - More Columns Exis	it)			
JMS Modules	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	
B-Bridges	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	xt
Data Sources	🔲 Name 🗇	Properties	JNDI Na	ame	
Persistent Stores		There are no it	and to dealers		-
Foreign JNDI Providers		Inere are no it	ems to display		_
XML Registries	New Clone Delete			Showing 0 to 0 of 0 Previous   Ne	ext
XML Entity Caches					- 11
jCOM Mail Sessions					
How do I					
Configure access to JavaMail					
Target mail sessions					
Delete mail sessions					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🕞 🕞 🗸 🙋 http://10.184.74.143:8888/cons	Soogle Powered Pandion Search	
Ele Edit View Favorites Tools Help • McAfee /		
🚖 🏘 🌈 Create a New Mail Session - fcubs11:	3_domain - WL5	🏠 🔹 🔝 🔹 🖶 🔹 📴 Bage 🗸 🎯 Tgols 🗸
	Administration Console	Q 🔤
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > <b>Summary of Mail Sessions</b>	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Hail Session           Bisci, Next, Finish         Cancel	
Release Configuration	Mail Session Properties The following property will be used to identify your new mail session.	
Domain Structure fcubs113 domain	* Indicates required fields	
B: Environment      Deployments       B: Services       B: Services      With Services      With Modules      Data Survices       B: Bridges      Data Survices      Data Survices	What would you like to name your new mail session?  *Name: FCUBSMailSession  *NDI Name: mail/FCUBSMail   JavaHaiProperties: mail.instr=stbeeinve.oracle.com mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true mail.emtps.auth=true	
System Status	Dick Mexi Frien Lance	
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (2)		



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

#### Name

FCUBSMailSession

#### JNDI Name

mail/FCUBSMail

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

#### **Java Mail Properties**

mail.host=<HOST_MAIL_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS_SERVER_PORT>

Eg: 1010

mail.transport.protocol=<MAIL_TRANSFER_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST_SMTPS_MAIL_SERVER>

Eg: samplename.mail.com

6. Click 'Next'.



The following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/cor	sole/console.portal?MailCreateMailSessionPortlet_actionOverride=/com/bea/console/actions/mail/createmailsession/deployTargets	Google Powered Pandion Search
Elle Edit View Favorites Iools Help		
😭 🏟 🍘 Create a New Mail Session - fcubs11	I3_domain - WLS	🟠 🔹 🔝 👘 🖷 🖬 📴 Bage 🕶 🎯 Tools 🕶 🍟
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > <b>Summary of Mail Sessions</b>	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Hail Session Targets	
Domain Structure	This page indicates on which WebLogic Server instances or clusters the mail session is accessible. Only applications that have been deplo session.	yed to the selected servers or clusters can use this mail
fcubs113_domain	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment en fails for all active servers.	sures that if the deployment fails for one active server, it
-Messaging -JMS Servers	Servers	
Store-and-Forward Agents JMS Modules Path Services	AdminServer	
B-Bridges     Data Sources     Persistent Stores	✓ ManagedServer1	
Foreign JNDI Providers	Back Next Finish Cancel	
How do I		
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Target mail sessions		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

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

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

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



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

C Summary of Mail Sessions - fcubs113	_domain ·	WLS Console - W	indows Internet Explorer		_ 6 🛛	
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ORACLE WebLogic Server®	Administ	ration Console			Q	
Change Center	🔒 Но	me Log Out Preferer	ices Record Help Welcome,	weblogic Connected to: fcubs11	3_domain	
View changes and restarts			ta Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS dule >NotfyDestQCF >FCUBS SystemModule >NotfyDestQCF >fcubs113 domain > <b>Summary of Mail Sessions</b>			
Pending changes exist. They must be activated to take effect.	Messa		,			
Activate Changes	Ø 1	1ail session created su	ccessfully.			
Undo All Changes	Summ	ary of Mail Session	5			
Domain Structure           → McSaging           → McS Servers           → Servers           → McS Servers           → Path Services           ⊕ Bridges	Prot This Cus	ocol (SMTP)-capable m page summarizes the r tomize this table	process of using the JavaVall APIs, which provide applications and other J2EE modules with access to Internet Message Access all servers on your network or the Internet. mall sessions that have been configured in the current WebLogic Server domain.	: Protocol (IMAP)- and Simple Mail Tra	insfer	
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Overloaded (0)						
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# 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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Oracle Financial Services Software Limited Oracle Park Off Western Express Highway Goregaon (East) Mumbai, Maharashtra 400 063 India

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

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