Weblogic Configuration Oracle FLEXCUBE Universal Banking Release 14.0.0.0.0 [February] [2018]





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1. Configuring SSL on Oracle Weblogic

1.1 Introduction

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

1.2 Setting up SSL on Oracle Weblogic

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

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

1.3 Certificates and Keypairs

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

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

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

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

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

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

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



2. Choosing the Identity and Trust Stores

2.1 Introduction

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

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

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

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

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

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

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

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



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

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

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

3.1.1 Creation of Self-signed Certificate

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

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

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

In the above command,

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

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

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



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

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

Example

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

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



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

3.2.1 Creation of Public and Private Key Pair

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

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

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

In the above command,

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

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

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



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

Example

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

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



3.2.2 Generating CSR

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

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

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

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

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

In the above command,

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

Example

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

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

3.2.3 Obtaining Trusted Certificate from CA

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

3.2.4 Importing Certificate into Identity Store

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

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



Importing the Intermediate CA certificate

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

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

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

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

In the above command,

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

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

Listed below is a sample execution of the command

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

Importing the Identity certificate

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

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

In the above command,

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



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

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

Listed below is a sample execution of the command

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

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



4. Configuring Identity and Trust Stores for Weblogic

4.1 Enabling SSL on Oracle Weblogic Server

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

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

4.2 Configuring Identity and Trust Stores

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

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

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



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

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

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



5. Setting SSL attributes for Managed Servers

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

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

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



6. Testing Configuration

6.1 **Testing Configuration**

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

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

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



7. Creating Resources on Weblogic

7.1 Introduction

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

7.2 **Resource Administration**

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

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

7.2.1 Creating Data Source

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

7.2.1.1 Prerequisites

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

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

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

- 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.

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	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1	Google Powered Pandion Search	
ile Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee [*]			
Home Page - fcubs113_domain - V			🐴 🔹 🗟 🕤 🖶 Tools -
ORACLE WebLogic Server			Q
Change Center	🏦 Home Log Out Preferences 🛃 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
fcubs113_domain #-Environment	 Set your console preferences 	Oracle Guardian Overview	
Deployments	- Domain Configurations		
Services Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
	• Contain	 Messaging JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	- 500 000 000
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
Manu da T		Persistent Stores	Request Performance
How do I	Coherence Clusters	XML Registries	Archives
 Search the configuration 	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
 Record WLST Scripts 	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
System Status 🖂	Deployments	 FileT3 JTA 	
Health of Running Servers	Your Application's Security Settings	• JIA	
-	Security Realms		
Failed (0)	- occurry realits		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

🔁 🕞 👻 🜈 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://1	0.184.74.143:8888/console/conso	ie.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🗸	Google Powered Pandion Search
ile Edit View Favorites Tools Help				
McAfee'				
🖌 🏘 🌈 Summary of JDBC Data Sources - fi	cubs113_domain			🟠 🔹 🔝 🕤 🖶 🔻 🔂 Page 🕶 🎯 Tools
	-			0
-				×
Change Center	Home Log Out Preferences Record Help Home >Summary of JDBC Data Sources	•	W	elcome, weblogic Connected to: fcubs113_domai
/iew changes and restarts	-			
to pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data Sources			
domain.	Configuration Monitoring			
Lock & Edit				
Release Configuration	A JDBC data source is an object bound to the JN borrow a database connection from a data source	DI tree that provides database co	nnectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and then
	This page summarizes the JDBC data source obje		- demoin	
Oomain Structure	This page summarizes the JDBC data source obje	eus viachave been treated in this	coman.	
ubs113_domain	Customize this table			
Deployments	Customize this table			
=-Services	Data Sources (Filtered - More Columns Exi	st)		
Messaging Data Sources	New ~ Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores				
Foreign JNDI Providers	🔲 Name 🗠	Туре	JNDI Name	Targets
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Mail Sessions	FCUBS113Branch	Generic	jdbc/rcjdevUSBranch	Managedserver1
File T3	New 🛩 Delete			Showing 1 to 2 of 2 Previous Next
low do I				
Create JDBC generic data sources				
Create JDBC GridLink data sources				
Create JDBC multi data sources				
Delete JDBC data sources				
Delete JDBC multi data sources				
System Status 🖂				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Wienies (0)				



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

🕑 🕑 👻 🙋 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http			Google Powered Pandion Search
e Edit View Favorites Tools Help McAfee /				
🖇 🌈 Summary of JDBC Data Sources - fo	cubs113_domain			🏠 🔹 🖾 👘 🖶 🔹 📴 Bage 🕶 🎯 Tools
DRACLE WebLogic Server®	Administration Console	Help	w	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 omain.	Summary of JDBC Data Sources			
Lock & Edit Release Configuration			nnectivity through a pool of JDBC connections. Applications c	an look up a data source on the JNDI tree and then
omain Structure	This page summarizes the JDBC data source	objects that have been created in this	s domain.	
ubs113_domain P=Environment Deployments B=Services	Customize this table Data Sources (Filtered - More Columns	Exist)		
Messaging Data Sources	New V Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers Work Contexts	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches jCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
ow do I	New Y Delete			Showing 1 to 2 of 2 Previous Next
Create JDBC generic data sources Create JDBC GridLink data sources Create JDBC multi data sources Delete JDBC data sources Delete JDBC multi data sources				
ystem Status				
Failed (0) Critical (0) Overloaded (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://10.164.74.143.88888/console/console.pontal/CreateGlobalDBCDataSourceFortletreturmTo=GlobalDBCDataSourceTablePageSdobalDBCDa				
Eile Edit View Favorites Iools Help McAfee				
😭 🎲 🌈 Create a New JDBC Data Source - for	ubs113_domain	🚹 🔹 🔝 👘 🖶 Page 🖛 🎯 Tgols 📼 🎽		
	dministration Console	Q 🖉		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending change suist. Click the Release Configuration buttor to allow others to edit the Comment Lick & Edit Release Configuration The following properties will be used to identify your new XBC data source.				
Domain Structure fcubs113 domain	* Indicates required fields			
B: Environment Deployments B: Services B: Hexaging Persign XIOL Providers Wink Contexts Wink Contexts Yolk Entry Coches Yolk Essions Persign Table	What would you like to name your new JOBC data source?			
How do L				
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What database type would you like to select? Database Type: Oracle			
System Status Health of Running Servers	Back Next Frish 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

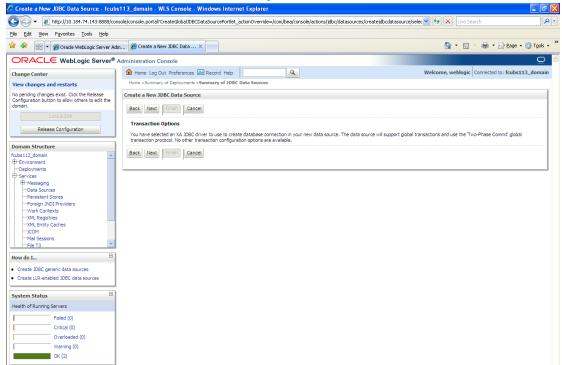
8. Click 'Next'.

The following screen is displayed:

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer		. 🗗 🔼
🚱 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdat	asource/selec 💙 🚱 🔛 Live Search	P -
Eile Edit View Favorites Iools Help			
🚖 💠 🔡 👻 🏉 Oracle WebLogic Server Ad	m 💋 Create a New JDBC Data 🗙	🟠 🔹 🔝 👘 🖶 🕞 Bage 🔹 🎡 1	iools • *
	Administration Console		Q i
Change Center	🕜 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_de	omain
View changes and restarts	Home >Summary of Deployments >Summary of Servers >ManagedServer1 >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
domain.	Back Next Finish Cancel		
	JDBC Data Source Properties		
Release Configuration	The following properties will be used to identify your new JDBC data source.		
Domain Structure			
fcubs113_domain	Database Type: Orade		
Deployments El-Services	What database driver would you like to use to create database connections? Note: * indicates that the driver is explicitly support	ted by Oracle WebLogic Server.	
⊕-Messaging	Database Driver: *Oracle's Driver (Thin XA) for Instance connections; Versions: Any	-	
Data Sources Persistent Stores		1	
Foreign JNDI Providers	Back Next Finish Cancel		
XML Registries			
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)			

ORACLE

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



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

Create a New JDBC Data Source - fcubs 113_domain - WLS Console - Windows Internet Explorer				
🐑 🔹 http://10.184.74.1438888(console/console				
E/e Edit View Fgyvoritos Iools Help O McAfree 1 -				
🛠 🌀 Greate a New IDBC Data Source - Fcubs 113_domain 📄				
DRACLE WebLogic Server® Administration Console				
hange Center 🕜 Home Log Out Preferences 🗠 Record Help				
ew changes and restarts Home > Summary of JDBC Data Sources				
pending thrupes exist. Click the Release Create a New JDBC Data Source				
man. Back Next Finish Cancel				
Release Configuration Connection Properties				
Relass Curriguisium Define Connection Properties.				
amain Structure What is the name of the database you would like to connect to?				
dos113_domán Database Name: KERDEV2				
Deployments				
-Services What is the name or IP address of the database server? Bit Messaging				
- Data Sources Host Name: 10.10.10.10				
-Foreign JNDI Providers				
-Work Contexts What is the port on the database server used to connect to the database?				
-WK Entity Caches Port: 1010				
Mal Sessions				
, FIELD				
Database User Name: FCPB1121				
Create JBC generic data sources Vhat is the database account password to use to create database connections?				
Create LLR-enabled JOBC data sources Password: Password:				
rstem Status				
ealth of Running Servers Confirm Password:				
Faled (0)				
Critical (0) Back, Next, Fristin Cancel				
Overloaded (0)				
Warning (t)				
ox (2)				



11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	main - WLS Console - Windows Internet B	Explorer		- 0 - X -
C 🗢 🖉 http://127.0.0.1:7101/console	e/console.portal?CreateGlobalJDBCDataSo	urcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/o	r 🔻 🖄 🐓 🗙 🔀 Google	• ٩
× 🛛 McAfee 🕺 ▼				
🚖 Favorites 🛛 👍 💋 Web Slice Gallery 🤻	•			
🏉 Create a New JDBC Data Source - DefaultDo	omain		🟠 🔻 🖾 👻 🖶 👻 Page 🕶 Safety 🕶	Tools 🔻 🔞 👻
	Administration Console			<u> </u>
Change Center	🙆 Home Log Out Preferences 🔤 Rea	cord Help	Welcome, weblogic Connected to: D	efaultDomain
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 o	onnection properties you provided.		
Deployments	What is the full package name of JDBC dr	river class used to create database connections in the connection pool?		
⊖-Services ⊕-Messaging	(Note that this driver class must be in the	e dasspath of any server to which it is deployed.)		
Data Sources				
Multi Data Sources	Driver Class Name:	oracle.jdbc.OracleDriver		
Data Source Factories				
Foreign JNDI Providers		ect to? The format of the URL varies by JDBC driver.		
Coherence Clusters	URL:	jdbc:oracle.thin@10.10.10		
M Renistries	What database account user name do yo	ou want to use to create database connections?		
How do I	Database User Name:	FCPB1121		
Create JDBC data sources		FCPB1121		
Create LLR-enabled JDBC data sources	What is the database account password	to use to create database connections?		
System Status 📼	(Note: for secure password management	t, enter the password in the Password field instead of the Properties field below)		
Health of Running Servers	Provide Land			
Failed (0)	Password:	• • • • • • • • • • • • • • • • • • • •		
Critical (0) Overloaded (0)	Confirm Password:	•••••		
Warning (0)				
OK (1)	What are the properties to pass to the J	DBC driver when creating database connections?		
	Properties:			
	user=FCPB1121			
	What table name or SQL statement would	d 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 - fcubs	s113_domain - WLS Console - Windows Intern	iet Explorer		- 2 🛛		
🕒 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_	actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/t	est 🔽 🐓 🗙 Google Powered Pandion Sea	arch 🔎 -		
Eile Edit View Favorites Iools Help	Ele Edit View Favorites Tools Help					
McAfee						
🚖 🎄 🄏 Create a New JDBC Data Source - fo	cubs113_domain		🚹 • 🔝 - 🖶 • 🔂 Eage	• () Tools • *		
	Administration Console			Q ^		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs	113_domain		
View changes and restarts	Home »Summary of JDBC Data Sources Messages					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Connection test succeeded.					
Lock & Edit	Create a New JDBC Data Source					
Release Configuration	Test Configuration Back Next Finish Ca	ancel				
Domain Structure	Test Database Connection					
fcubs113_domain	Test the database availability and the connection pr	operties you provided.				
Environment Composition	What is the full package name of JDBC driver class us	ed to create database connections in the connection pool?				
-Services -Messaging -Data Sources	(Note that this driver class must be in the classpath o	f any server to which it is deployed.)		=		
Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver				
Work Contexts XML Registries	What is the URL of the database to connect to? The	format of the URL varies by JDBC driver.				
XML Entity Caches	URL:	jdbc:oraclethin:@10.10.10.				
Mail Sessions		[1000.010000.00.00.00.00.00.00.00.00.00.0				
i i-Fie T3	What database account user name do you want to us	se to create database connections?				
How do I	Database User Name:	FCPB1121				
Create JDBC generic data sources Create LLR-enabled JDBC data sources						
Create Loc-enabled Jubic data sources	What is the database account password to use to cre					
System Status	(Note: for secure password management, enter the p	password in the Password field instead of the Properties field below)				
Health of Running Servers	Password:	•••••				
Faled (0)						
Critical (0)	Confirm Password:	•••••				
Overloaded (0)						
Warning 00 What are the properties to pass to the JDBC driver when oreating database connections? Ox(2) Ox(2)						
	Properties: user=FCPB1121					
Done			Second Intranet	🔍 100% 🔻 👉		
Done			S Local intranet	· 100% ·		

17. Click 'Next'.



The following screen is displayed:

Create a New JDBC Data Source - fcub	os113_domain - WLS Console - Windows Internet Explorer	
🚱 🗸 🙋 http://10.184.74.143:8888/com	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasource	es/createjdbcdatasource/selec 👻 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help		
🚖 🎄 🌈 Create a New JDBC Data Source - f	fcubs113_domain	🟠 🔹 🗟 🔹 📴 Bage 🕶 🎯 Tgols 👻
ORACLE WebLogic Server®	Administration Console	Q 🧧
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Tensh Cancel Select Targets Cancel Cancel	
	You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the dat a later time.	a source will be created but not deployed. You will need to deploy the data source at
Domain Structure fcubs113 domain	Servers	
B-Environment ⊡Deployments ⊡-Services B-Messaging	✓ AdminServer	
"Data Sources "Persistent Storces "Foreign JNDI Providers "Work Contexts "XML Registries "XML Entity Caches "COM	Back Next Final Cancel	
Mail Sessions		
Li iFleT3		
100 00 1		
Create JDBC generic data sources Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

displayed.							
	s113_domain - WLS Console - Windows Interr			_ <u>-</u> 2 ×			
🕒 🕤 🔻 🙋 http://10.184.74.143:8888/cor	😏 🕞 👻 👔 http://10.104.74.143/8888/console.console.constalrefp=truespageLabel=GlobalDBCDetataSourceTablePage 🔤 🍕 🗶 Google Powered Pandon Search 🖉						
Ele Edit Yiew Favorites Iools Help McAfee /							
😭 🏘 🏀 Summary of JDBC Data Sources - fo	cubs113_domain			🐴 • 🔊 - 🖶 • 📴 Page • 🎯 Tools • 🂙			
	Administration Console			Q 🗠			
Change Center	🏫 Home Log Out Preferences 🐼 Record Help	٩	We	Icome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources						
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources						
Activate Changes	Configuration Monitoring						
Undo All Changes	A JDBC data source is an object bound to the JNDI	I tree that provides database con	nectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then			
Domain Structure	borrow a database connection from a data source.						
fcubs113_domain	This page summarizes the JDBC data source object	ts that have been created in this	domain.				
Environment	S						
Deployments Services	Customize this table						
Messaging	Data Sources (Filtered - More Columns Exist	:)					
	New 🗸 Delete			Showing 1 to 3 of 3 Previous Next			
Foreign JNDI Providers Work Contexts	🔲 Name 🗇	Туре	JNDI Name	Targets			
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1			
	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1			
How do I	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer			
Create JDBC generic data sources	New Y Delete			Showing 1 to 3 of 3 Previous Next			
Create JDBC GridLink data sources							
Create JDBC multi data sources							
Delete JDBC data sources							
Delete JDBC multi data sources							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							
	RACLE	7-10					
0.		1-10					

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

🖉 Summary of JDBC Data Sources - fcub	bs113_don	nain - WLS Console -	Windows Internet Exp	plorer			
G v //10.184.74.143:8888/co	onsole/consol	le.portal?_nfpb=true&_pa	geLabel=http://10.184.74.:	143:8888/console/console	portal?_nfpb=true&_pageLabel=GlobalJDBCDataSo	nurc 🖌 🐓 🗙 🛛 Google Powered Pan	ndion Search 🖉 🗸
Elle Edit View Favorites Icols Help							
👷 🏘 🏀 Summary of JDBC Data Sources - fo	fcubs113_do	main				👌 • 🖻 • 🖶 • 🛙	🕑 Page 👻 🍈 Tools 👻
ORACLE WebLogic Server®	[®] Administ	ration Console					Q
Change Center	Hor	me Log Out Preferences	Record Help	Q		Welcome, weblogic Connected to	o: 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.			ated. No restarts are neces	sary.			
Lock & Edit	Summa	ary of JDBC Data Sourc	es				
Release Configuration	Config	guration Monitoring					
Fub/S113_domain A Bi-Environment Dedivations Dedivations Dedivations Derivations Persistent Stores Persistent Stores Persistent Stores Persistent Stores Persistent Stores Work Contexts Work Contexts Work Contexts Work Contexts	This ; Cust Data Click t	tomize this table Sources (Filtered - Mo	C data source objects that h			Showing 1 to 3 of	3 Previous Next
		Name 🐟		Туре	JNDI Name	Targets	
How do I	n o	FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer1	
Create JDBC generic data sources		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Create JDBC GridLink data sources Create JDBC multi data sources		FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources Delete JDBC multi data sources	Nev	w 🕶 Delete				Showing 1 to 3 of 3	3 Previous Next
System Status Image: Comparison of the system							

- **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 12c



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



3. Navigate to Oracle Weblogic home page.

C Home Page - fcubs113_domain - WLS	Console - Windows Internet Explorer		
😋 🕞 👻 🛃 http://10.184.74.143:8888/coi	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		💌 🐓 🗙 Google Powered Pandion Search 🖉
File Edit View Favorites Tools Help • McAfee /			
😭 🏟 🌈 Home Page - fcubs113_domain - W	LS Console		🏠 🔹 🗟 👘 🖶 😨 Page 🔹 🎯 Tools 🔹
	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
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	
Release Configuration	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 	
fcubs113_domain	 Set your console preferences 	Oracle Guardian Overview	
Deployments B-Services	- Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
Diagnostics		 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
Have de T	Coherence Servers	Persistent Stores	Request Performance
How do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
 Record WLST Scripts 	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
System Status	Deployments	• FileT3 • 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:

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Oracle WebLogic Servet [®] Administration Console Image: Center WebCome, webBogic Connected tab; Roadball3_domain WebCome, webBogic Connected tab; Roadball3_domain Home: Sources WebCome, webBogic Connected tab; Roadball3_domain WebCome, webBogic Connected tab; Roadball3_domain Home: Sources WebCome, webBogic Connected tab; Roadball3_domain WebCome, webBogic Connection Sources WebCome, webBogic Connection Sources Wore Sources Top of the Sources WebCome, webBogic Connection Sources Sources Sources Sources Sources WebCome, webBogic Connection Sources Sources Sources Sources Sources Sources Sources Sources Betwascone Sources Top of Sources ADSC data source objects that have been oreated in the domain. Sources Top of Sources <t< th=""><th>Ele Edit View Favorites Tools Help</th><th></th><th></th><th></th><th></th></t<>	Ele Edit View Favorites Tools Help				
Control Con	😭 🏘 🏀 Summary of JDBC Data Sources - fcu	ubs113_domain			🚹 🔹 🔝 🔹 🖶 🔹 📴 Page 🔹 🎯 Tools 🔹 ≫
Work changes and restarts No performance Configuration Units alow others to all other states of changes Domain Structure Rest of Rest Description of Linka Structure Description of Linka Structure <th></th> <th>Administration Console</th> <th></th> <th></th> <th>Q 🏫</th>		Administration Console			Q 🏫
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Configuration button to allow others to edite in the set of the s	View changes and restarts	Home >Summary of JDBC Data Sources			
domain: Icode & Edit Look & Edit Icode & Edit Release Configuration A. DBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connectors. Applications can look up a data source on the JNDI tree and then borns a data source. Domain Structure Fibrities This page summatizes the JDBC data source objects that have been created in this domain. Desciptionents Desciptionents Mark bestructure Imme Release convection from a data source Desciptionents Desciptionent data source Desciptionent data source Provides Desciptionent data sources Desciptionent data sources Desciptionent data sources Desources (Dicture data sources)	No pending changes exist. Click the Release	Summary of JDBC Data Sources			
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Duration Contract Benchard Contract Benchard Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next Image: Showing 1to 2 of 2 Previous Next	Demois Characteria		nat have been created in this	: domain.	
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Image: Second	Persistent Stores				
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I Fele T3 Image: Control of the sources 0 Create JDBC fordit data sources Create JDBC fordit data sources 0 Create JDBC multi data sources Delete JDBC multi data sources 0 Delete JDBC multi data sources Image: Contact JDBC multi data sources 1 Failed (0) Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data sources Image: Contact JDBC multi data sources 0 Create JDBC multi data	јСОМ	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Hew do L		New Y Delete			Showing 1 to 2 of 2. Previous Next
Create JDBC grintlink data sources Create JDBC mild data sources Create JDBC mild data sources Delete JDBC mild data sources System Status Failed (0) Cricital (0) Crici	How do I				Showing 1 to 2 of 2 Theriods (Next
Delete JDBC data sources System Status Health of Running Servers Failed (0) Conclusion Overloaded (0)	Create JDBC GridLink data sources				
	Create JDBC multi data sources				
System Status Servers Fealth of Running Servers Critical (0) Critical (0) Overloaded (0)					
Health of Running Servers Faled (0) Critica (0) Overloaded (0)	Delete Jobic multi data sources				
Failed (0) Critical (0) Overloaded (0)	System Status				
Critical (0) Overloaded (0)	Health of Running Servers				
Overloaded (0)	Failed (0)				
	Critical (0)				
Warning (0)					
	Warning (0)				
	OK (2)				



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

🖉 Summary of JDBC Data Sources - fcubs	113_domain - WLS Console	- Windows Internet	Explorer			3 ×
O + Inttp://10.184.74.143:88888/con	sole/console.portal?_nfpb=true&_p	ageLabel=http://10.184.	74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	Google Powered Pandion Search	۰ م
Ele Edit View Favorites Iools Help						
😭 🏟 🌈 Summary of JDBC Data Sources - for	ubs113_domain				🏠 🔹 🔝 🝸 🖶 👻 🔂 Page 👻 🏠 Tools	• '
	Administration Console				Ç	^
Change Center	Home Log Out Preference	s 🔤 Record Help 📗	٩	W	elcome, weblogic Connected to: fcubs113_doma	in
View changes and restarts	Home >Summary of JDBC Dat	ta Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data Sour	rces				
domain.	Configuration Monitoring					
Lock & Edit Release Configuration	borrow a database connection	n 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 the JDE	BC data source objects the	at have been created in this	domain.		
fcubs113_domain	Customize this table					
Deployments						
E -Services I -Messaging	Data Sources (Filtered - M	lore Columns Exist)				
Data SourcesPersistent Stores	New Y Delete				Showing 1 to 2 of 2 Previous Next	
Foreign JNDI Providers	Generic Data Source		Туре	JNDI Name	Targets	
Work Contexts XML Registries	GridLink Data Source		Generic	jdbc/fcjdevDS	ManagedServer1	
XML Entity Caches						
jCOM Mail Sessions	FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
i iFile T3	New 🛩 Delete				Showing 1 to 2 of 2 Previous Next	
How do L						
Create JDBC generic data sources						-
Create JDBC GridLink data sources Create JDBC multi data sources						
Delete JDBC multi data sources						
Delete JDBC multi data sources						
Sustam Etatur						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0) Overloaded (0)						
Warning (0)						
OK (2)						

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

🕒 🕒 👻 http://10.184.74.143:8888/cons	ole/console.portalPCreateGlobal3DBCDataSourcePortletreturnTo=Global3DBCDataSourceTablePage&Glob	balX0BCDataSourceTablePortlethandle=c 👻 🐓 🗙 Uve Search 🖉
jie Edit View Fgvorites Iools Help		
🖗 🔗 🔹 🏀 FCUBSWiki - Enabling Debug	🧭 Create a New JDBC Data X	💁 • 🔝 👘 🖶 • 🔂 Bage • 🛞 Tools •
ORACLE WebLogic Server®	Idministration Console	Q
Change Center	A Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of 3DBC Data Sources >FCUBS113 >Summary of Deployments >FCUBS113Dev >Summary	ey of Deployments >Summary of 3DBC Data Sources >FCUBS113 >Summary of 3DBC Data Sources
Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source	
Activate Changes	Back Next Frien Cancel	
Undo All Changes	JDBC Data Source Properties	
	The following properties will be used to identify your new JDBC data source.	
Domain Structure fcubs113 domain	* Indicates required fields	
B-Environment Deployments	What would you like to name your new JDBC data source?	
B-Services B-Messaging	d€ * Name: FCUBSDS	
Data Sources	PC0B3D3	
Persistent Stores	What JNDI name would you like to assign to your new JDBC Data Source?	
Foreign 3NDI Providers		
-XML Registries	dE JNDI Name: jdbc/fcjdevDS	
XML Entity Caches	Japoviolgenas	
- JCOM Mail Sessions		
Fie T3		
How do L		
Greate 3DBC generic data sources	What database type would you like to select?	
Create LLR-enabled 3DBC data sources		
System Status 🖂	Database Type: Oracle	
System Status	Buck Next Finin Cancel	
	Transfer Franker	
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

ORACLE

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 - fcul	os113_domain - WLS Console - Windows Internet Explorer	
🚱 🕤 👻 🙋 http://10.184.74.143:8888/co	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdl	bcdatasource/selec 🛩 🐓 🗙 Google Powered Pandion Search 🖉 🔹
Elle Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp McAfee [*]		
🚖 🏟 🌈 Create a New JDBC Data Source -	fcubs113_domain	🟠 🔹 🔝 🕤 🖶 🔛 Bage 🕶 🎯 Tools 🗸 🍟
ORACLE WebLogic Server®	Administration Console	Q 🗠
Change Center	🖻 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Finant Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Orade	
Ftub.St 13_domain Image: Strategy of the strateg	What database driver would you like to use to create database connections? Note: " indicates that the driver is explicitly so Database Driver: "Oracle's Driver (Thin) for instance connections: Versions:9.0.1 and later Back Hext Finish Cancel Cancel	upported by Orade WebLogic Server.
System Status E Health of Running Servers Failed (0) Crictal (0) Overloaded (0) Warming (0) Overloaded (0) Overloaded (0) Overloaded (0)		

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



Following screen is displayed:

	s113_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/creat	ejdbcdatasource/selec 🗙 🐓 🗙 Google Powered Pandion Search 🖉 🖉
<u>≣le E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ⊙ McAfee' / ▼		
🔶 🏟 🌈 Create a New JDBC Data Source - I	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 Release Configuration	Create a New JDBC Data Source Back Inst. Cancel Transaction Options Cancel	
Domain Structure	You have selected non-XA JDBC driver to create database connection in your new data source. Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.	
fcubs113_domein	Supports Global Transactions Select this option if you want to enable non-XA IDBC connections from the data source to participate in global transaction Recommended in place of Emulate Two-Phase Commit. Logging Last Resource	ons using the Logping Last Resource (LER) transaction optimization.
Work Contexts Work Contexts Work Contexts Will Entity Caches Will Entity Caches Will Context Weak Context Context Weak Context Context Work Context Context Work Context	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global heuratic conditions. Emulate Two-Phase Commit	${\rm I}$ transactions using JTA. Select this option only if your application can tolerate
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		
Faled (0) Critical (0) Overloaded (0) Warning (0) Ok (2)		

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

~	ib <mark>s113_domain - WLS Console - Windows Internet</mark> :onsole/console.portal?CreateGlobalJDBCDataSourcePortlet_act		rces/create/dbcdatasource/addC 🗸 🐓 🗙 Google Powered Pandion Search 🖉
e Edit View Favorites Tools Help			
🔹 🍘 Create a New JDBC Data Source	- fcubs113_domain		💁 🔹 🗟 👘 🖶 🖓 Bage 🔹 🎯 Tgols 🗸
	[®] Administration Console		Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
/iew changes and restarts	Home >Summary of JDBC Data Sources		
to pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
lomain.	Back Next Finish Cancel		
	Connection Properties		
Release Configuration	Define Connection Properties.		
omain Structure	What is the name of the database you would like to conn	nect to?	
ubs113_domain All All All All All All All All All Al	Database Name:	KERDEV2	
Services	What is the name or IP address of the database server?		
Data Sources Persistent Stores	Host Name:	10.10.10.10	
Foreign JNDI Providers Work Contexts XML Registries	What is the port on the database server used to connec	t to the database?	
XML Entity Caches	Port:	1010	
Mail Sessions	What database account user name do you want to use t	to create database connections?	
low 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	e database connections?	
ystem Status 🗉	Password:	•••••	
lealth of Running Servers	Confirm Password:	•••••	
Failed (0)			
Critical (0)	Back Next Finish Cancel		
Overloaded (0)			
Warning (0) OK (2)			



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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Interne	t Explorer				
🚱 🗸 🖉 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_ac	tionOverride=/com/bea/console/actions/jdbc/datasources/createjdb	cdatasource/test(👻 🐓 🗙 Google Powered Pandion Search 🖉 🔹			
Ele Edit View Favorites Iools Help						
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🔗 🍄 🏉 Create a New JDBC Data Source - fo	cubs113_domain		🏠 🔻 🖾 🔹 🖶 🖉 Page 🗸 🎲 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					
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 Can	cel				
Release Configuration	Test Database Connection					
	Test the database availability and the connection prop	verties you provided.				
Domain Structure	What is the full package name of JDBC driver class used	d to create database connections in the connection pool?				
fcubs113_domain IP-Environment	(Note that this driver class must be in the classpath of a	any server to which it is deployed.)				
Deployments Deployments	Driver Class Name:					
Messaging Data Sources	birth class famile.	oracle.jdbc.OracleDriver				
····Persistent Stores	What is the URL of the database to connect to? The for	mat of the URL varies by JDBC driver.				
Foreign JNDI Providers	URL:	jdbc:oracle:oci:@10.10.10				
XML Registries						
јСОМ	What database account user name do you want to use	to create database connections?				
File T3	Database User Name:	FCPB1121				
How do I	What is the database account password to use to creat	te database connections?				
Create JDBC generic data sources	(Note: for secure password management, enter the pas	ssword in the Password field instead of the Properties field below)				
Create LLR-enabled JDBC data sources						
System Status	Password:	•••••				
Health of Running Servers	Confirm Password:					
Failed (0)		••••••				
Critical (0)	What are the properties to pass to the JDBC driver when creating database connections?					
Overloaded (0) Warning (0)	Properties:					
OK (2)	user=FCPB1121					
	The set of driver properties whose values are derived a	at runtime from the named system property.				
Done	Eustam Branastias		🛀 Local intranet 🔍 100% 👻			
Dolle			To Local Intranet			

- 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	113 domain - WIS Console - Windows Int	ernet Explorer				
A 143:8888/cont	sole/console.portal/CreateGlobaUDBCDataSourcePort	<pre>clet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatas</pre>	iource/test(👻 🐓 🗙 Google Powered Pandion Search 🖉 💌			
Ele Edit View Favorites Tools Help McAfee -						
🚖 🎄 🌈 Create a New JDBC Data Source - fo	:ubs113_domain		🟠 • 🔊 - 🖶 • 🗗 Page • 🎯 Tgols • 🎽			
	Administration Console		Q ^			
Change Center	🙆 Home Log Out Preferences 🔤 Record Hel	lp 🔍	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	n properties you provided.				
B-Environment Deployments	What is the full package name of JDBC driver class	is used to create database connections in the connection pool?				
⊕-Services ⊕-Messaging	(Note that this driver class must be in the classpa	th of any server to which it is deployed.)	E			
Tota Sources Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver				
Work Contexts	What is the URL of the database to connect to? T	The format of the URL varies by JDBC driver.				
XML Entity Caches jCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.				
i infletta	What database account user name do you want t	to use to create database connections?				
How do I • Create JDBC generic data sources	Database User Name:	FCPB1121				
Create LLR-enabled JDBC data sources	What is the database account password to use to	o create database connections?				
System Status	(Note: for secure password management, enter t	the password in the Password field instead of the Properties field below)				
Health of Running Servers Failed (0)	Password:	••••••				
Critical (0)	Confirm Password:					
Overloaded (0)		••••••				
Warning (0)	What are the properties to pass to the JDBC driver when creating database connections?					
OK (2)	Properties:					
	user=FCPB1121					
Done			Succal intranet 🔍 100% 🔹 🛒			

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	Back Next Finish Cancel
Domain Structure 50AD0M3 B-Domain Partitions	You can share to more targets to deploy your new XDBC 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.
Environment Deployments Services Messaging	Servers AdminServer
Tessaging Tessaging Tessistent Stores Tereign NDI Providers Work Contexts "MML Registries "MML Refly Caches "COM "MIL Sections "COM	Ø soa_server1 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:

- A http://10.194.74.143-9998/co	oncola/concola	portal?_nfpb=true%_pageLabel=GlobalJDBCDataSo	arceTableDage	~	4 X Google Powered Pandion Search
e Edit View Favorites Tools Help	JIISOIE/COIISOIE	.portar_inpb=0.ees_pagetabel=GlobabbBCbatabb	urcerablerage		
McAfee'					
Summary of JDBC Data Sources - f	fcubs113_dom	ain			🟠 • 🔝 - 🖶 • 🔂 Page • 🎯 Tool
	Administra	ation Console			Ç
ange Center	Hom	e Log Out Preferences 🔤 Record Help	٩	We	come, weblogic Connected to: fcubs113_dom
w changes and restarts	Home >	Summary of JDBC Data Sources			
ding changes exist. They must be activated ake effect.	Summar	ry of JDBC Data Sources			
Activate Changes	Configu	uration Monitoring			
Undo All Changes			at provides database conr	nectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
	borrov	» a database connection from a data source.			
nain Structure	This pr	age summarizes the JDBC data source objects that h	ave been created in this d	lomain.	
s113_domain					
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Deployments	Custo	omize this table			
ervices B-Messaging	Data	Sources (Filtered - More Columns Exist)			
Data Sources	Dutu				
Persistent Stores	New	V Delete			Showing 1 to 3 of 3 Previous Next
Foreign JNDI Providers					
Work Contexts		Name 🐵	Туре	JNDI Name	Targets
XML Registries					
XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Fie T3			Generic	Jaborojaevosoranci	Manageuserveri
/ do I 🔳		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
	New	Delete			Showing 1 to 3 of 3 Previous Next
reate JDBC generic data sources					
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seelth status - ealth of Running Servers - Falled (0) - Critical (0) - Overloaded (0) -					

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



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

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	⁸ Admini	stration Console					Q
Change Center) 🏠 H	Home Log Out Preferences	Record Help	٩		Welcome, weblogic Connect	ted to: fcubs113_domain
View changes and restarts		me >Summary of JDBC Data	a Sources				
Click the Lock & Edit button to modify, add or delete items in this domain.	Mess	ages All changes have been activ	vated. No restarts are nece	ssary.			
Lock & Edit	Sum	mary of JDBC Data Sour	ces				
	Con	figuration Monitoring					
Persistent Stores		ustomize this table					
Foreign JNDI Providers	Da	Ita Sources (Filtered - Me ta Sources (Filtered - Me tk the <i>Lock & Edit</i> button in New Y Delete		vate all the buttons on the	page.	Showing 1 to	3 of 3 Previous Next
Foreign JNDI Providers Work Contexts XML Registries	Da	i ta Sources (Filtered - M ck the <i>Lock & Edit</i> button in		vate all the buttons on the	spage.	Showing 1 to Targets	3 of 3 Previous Next
Foreign 3ND ProvidersWork ContextsWML RegistriesWML Entity Caches		Ita Sources (Filtered - Me ck the <i>Lock & Edit</i> button in iew V Delete			1	-	3 of 3 Previous Next
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- **22.** 'FCUBSDS' datasource is created.
- **23.** Click the datasource, and then click on the Connection Pool tab.



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Change Center	🔒 Home Log Out	Preference	es 💽 Record I	Help			٩				Welcome, weblog	ic Conne	cted to: Default	Domair
View changes and restarts	Home >Summary o	f Services: J	DBC >Summary o	of JDBC D	Data Sourc	es >fcjdev	DS >Summa	ary of Services	: JDBC >Summary	of JDBC Data Sources	>fcjdevDS >Summary of .	DBC Data	Sources >fcjdevD)S
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	Monitoring O	ontrol	Security	Notes								
Domain Structure	General Conne	ction Poo	Transaction	Diagn	nostics	Identity C	ptions							
DefaultDomain	Save													
Services Horizaging Hor	The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when the connection pool is registered, usually when starting up WebLogic Server or when deploying the data source to a new target. Use this page to define the configuration for this data source's connection pool.													
Coherence Clusters Work Contexts XML Registries	🏀 URL:		jdbc:or	acle:oc	ci:@10.1	0.10.10:1	1010:CPL	J11G2		The URL of the data JDBC driver. More	abase to connect to. The Info	format of	the URL varies by	у
	🏀 Driver Class	oracle.	oracle.jdbc.OracleDriver				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		s					
100 00 1										-	s passed to the JDBC driv			
Corelate JDBC data sources Configure testing options for a JDBC data Configure the statement cache for a JDBC configure the statement cache for a JDBC configure credential mapping for a JDBC data source		tune								physical database of	s passed to die Jobo din onnections. For example r on a separate line. Mo	server=0		
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Critical (0) Overloaded (0)	Initial Capacity:		1							The number of physical pool. More Info	sical connections to creat	e when cre	sating the connec	:tion
Warning (0) OK (1)	Maximum Capacity:		15							The maximum numb contain. More Infi	er of physical connection	s that this	connection pool o	can
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	街 Statement C	ache Type	e: LRU	•						The algorithm used statement cache.	for maintaining the prepa More Info	red stater	ments stored in th	ne
	Statement Cach	e Size:	200							The number of prep may increase serve	ared and callable statem r performance.) More Ir	ents store 1 fo	d in the cache. (T	This
	- Advanced -													

- 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	

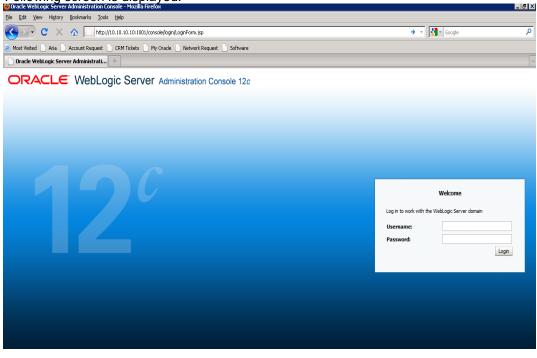
7.2.2 JMS Server Creation

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.



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	Administration Console		Q
Change Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure GridLink for RAC Data Source	 Read the documentation 	
Oomain Structure	Recent Task Status	 Ask a question on My Oracle Support 	
cubs113_domain T-Environment	Set your console preferences	Oracle Guardian Overview	
Deployments	- Domain Configurations		
Services Security Realms	Domain	Services	Interoperability
Interoperability			WIC Servers
Diagnostics	Domain	Messaging JMS Servers	WIC Servers Jolt Connection Pools
		 Store-and-Forward Agents 	Joit Connection Pools
	Environment	 Store-and Howard Agents JMS Modules 	
	Servers	 Dis Hoddles Path Services 	Diagnostics
	Clusters	 Paul Services Bridges 	Log Files
	Virtual Hosts	-	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
low do I		Persistent Stores	Request Performance
Search the configuration	Coherence Clusters	XML Registries	Archives
Use the Change Center	Machines	XML Entity Caches Foreign JNDI Providers	Context
Record WLST Scripts	Work Managers		SNMP
Change Console preferences	Startup And Shutdown Classes	Work Contexts	
Monitor servers		jCOM Mail Sessions	Charts and Graphs
	Your Deployed Resources	Hall sessions FileT3	 Monitoring Dashboard IP
ystem Status 🗉	Deployments	• mers • JTA	
Health of Running Servers	Your Application's Security Settings	• JIA	
- Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Following screen is displayed:



🖉 Summary of JMS Servers - fcubs113_domain - WLS Console - Windows Internet Explorer								
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				2	- D - Hai - D Eale - O Igus -			
Change Center	Home Log Out Preferences	Record Help		weicome, v	weblogic Connected to: fcubs113_domain			
View changes and restarts Click the Lock & Edit button to modify, add or	Summary of JMS Servers							
delete items in this domain.	Summary of JMS Servers JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLogic Server domain.							
Domain Structure fcubs113_domain D=Environment D=Services D=revices D=Messaging	Customize this table	vlumns Exist) Change Center to activate all the buttons on this page.						
JMS Servers	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 ar	e no items to display					
Data SourcesPersistent StoresForeign JNDI ProvidersWork ContextsWork Contexts	New Delete				Showing 0 to 0 of 0 Previous Next			
How do I	1							
Configure JMS servers Configure JMS system modules								
System Status	1							
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0) Warning (0)								
OK (2)								

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

🗘 Summary of JMS Servers - fcubs113_domain - WLS Console - Windows Internet Explorer 🖉 💽 🔀									
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File Edit Yiew Favorites Tools Help • McAfee / •									
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	Admini	istration Console							Q 🛆
Change Center		Home Log Out Preferences 🔤	Record Help			Welcome,	weblogic Con	nected to: fcubs113_	domain
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No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Sum	nmary of JMS Servers							
Lock & Edit		-	intainers for the queues and topics in JMS modu ivers that have been created in the current Webl		-				
Release Configuration	In	nis page summarizes the JMS serv	ers that have been created in the current web	Logic Server	r domain.				
Domain Structure	€ Ci	Eustomize this table							
fcubs113_domain	ЭМ	MS Servers (Filtered - More C	olumns Exist)						
Performant Performant New Detere Showing 0 to 0 of 0. Previous Next							Vext		
⊖-Services ⊖-Messaging		□ Name ↔	Persistent Store		Target	Current Server		Health	
			Persistent Store			Current Server		ficalui	
··· JMS Modules				Inere are i	no items to display				
t⊡Path Services ⊞-Bridges		New Delete					Showing 0	0 to 0 of 0 Previous 1	Vext
Data Sources Persistent Stores									
Foreign JNDI Providers									
How do I									
Configure JMS servers Configure JMS system modules									
Configure JMS system modules									
System Status									
Health of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0) OK (2)									
UK (2)									



6. Click 'New'.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Inter	rnet Explorer	🔳 🖬 🔀
	nsole/console.portal?_nfpb=true&_pageLabel=3r	msServerCreateJMSServer&JmsServerCreateJMSServerPortlet	_actionOverride=/com/bea/console; 🛛 🐓 🔀 Google Powered Pandion Search 🛛 🔎 🔹
File Edit View Favorites Tools Help			
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🔶 🎄 🌈 Create a New JMS Server - fcubs1	13_domain - WLS C		🟠 🔹 🗟 👘 🖶 Page 🕶 🎯 Tools 🚽 🎽
	Administration Console		Q 🖉
Change Center	🏠 Home Log Out Preferences 🖂 Recor	rd Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLF	EXTEST.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 ide	entify your new JMS Server.	
Domain Structure	* Indicates required fields		
fcubs113_domain	What would you like to name your new JMS	Server2	
Deployments		and the second	
Services	街 * Name:	FCUBS_JMSServer	
⊟-Messaging			
	Specify persistent store for the new JMS Se	erver.	
JMS Modules	Persistent Store:		
Path Services	- Charles Conce	(none) 🗸 Create a New Store	
B-Bridges Data Sources	Back Next Finish Cancel		
Persistent Stores	Back Next Finish Cancel		
Foreign JNDI Providers			
Work Contexts			
How do I			
Configure JMS system modules			
Configure custom persistent stores			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
	1		

7. Specify the following details:

JMS Server Name	Specify the name of JMS Server.
	JIVIS Server.

ORACLE

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

Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	- C 🗵 🔼
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Elle Edit View Favorites Tools Help • McAfee /		
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Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JHS Server Buck From Cancel Select a store type. Please select the type of store you wish to create from the list.	
Domain Structure	Type:	
Fobbill3_domain ▲ ⊕ Environment → → Deployments → ⊕ Services → → MS Servers → → MS Nodules → → Paraises → ⊕ Projes → → Paraistent Stores → → Persistent Stores → → Persistent Stores → → Foreigen JND Providers →	Back Ned Frish Cancel	
How do I		
Configure JMS system modules		
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overbaaded (0) Warning (0) OK (2)		

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

Following screen is displayed:

		_					
ORACLE WebLogic Server Ad	iministration Console 12c						
Change Center	😭 Home Log Out Preferences 🖾 Record Help	/elcon					
View changes and restarts	Home > Summary of Security Realms > Summary of Persistent Stores > FCUESFIRSTore > 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						
Lock & Edit Release Configuration	File Store Properties The following properties will be used to identify your new file store. ** inductare mounts fields						
Domain Structure PM122ITR2	. Truit'aras tarfinian lianz						
Philipine Domain Partitions Previous Philipine Philip	What would you like to name your new file store?						
- DeploymentsServices Messaging	* Name: FileStore-0						
···Data Sources	What scope do you want to create your jms file store in ?						
Persistent Stores Foreign JNDI Providers Work Contexts	Scope: Global						
····XML Registries ····XML Entity Caches	The pathname to the directory on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab.						
	Directory: C:/FCUBS_FileStore x						
How do I	Back Next Finish Cancel						
Create File Stores							
Monitor persistent stores							
System Status							
Health of Running Servers							
Failed (0) Ortical (0) Overloaded (0) Warning (0) OK (2)							

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



• Click 'OK'.

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

Create a New JMS Server - fcubs113_	Create a New JMS Server - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀							
🚱 🗸 🖉 http://10.184.74.143:8888/co	nsole/console.portal?JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/stores/createjmsfilestore/finish	Google Powered Pandion Search						
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	Administration Console	Q						
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts Pending changes exist. They must be activated	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers Messages							
to take effect.	File store created successfully.							
Undo All Changes	Brok Next. Finan. Cancel							
Domain Structure	JMS Server Properties							
fcubs113_domain	The following properties will be used to identify your new JMS Server. * Indicates required fields							
Hessaging	What would you like to name your new JMS Server?							
Store-and-Forward Agents JMS Modules	FCUBS_JMSServer							
⊡-Bridges	Specify persistent store for the new JMS Server.							
Persistent Stores Foreign JNDI Providers	Persistent Store: FCUBS_FileStore Create a New Store							
How do I	Back Next Finish Cancel							
Configure JMS system modules								
Configure custom persistent stores								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0) Warning (0)								
OK (2)								

11. Click 'Next'.



🖉 Create a New JMS Server - fcubs113_	Jomain - WLS Console - Windows Internet Explorer	
	sole/console.portal?3msServerCreate3M5ServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/selectTargets	Google Powered Pandion Search
Elle Edit View Favorites Iools Help • McAfee		
😤 🍄 🌈 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.	Create a New JMS Server	
Activate Changes	Back Next Finish Cancel	
Undo All Changes	Select targets	
	Select the server instance or migratable target on which you would like to deploy this JMS Server.	
Domain Structure fcubs113_domain	Target: ManagedSever1 v	
Deployments Services Messaging	Back Next Frish Cancel	
JMS Servers Store-and-Forward Agents JMS Modules		
Path Services ⊡-Bridges		
Data Sources Persistent Stores		
Foreign JNDI Providers		
How do I		
Configure JMS system modules		
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

C Summary of JMS Servers - fcubs113_c	domain - V	WLS Console - Windows Internet E	xplorer			
G) - E http://10.184.74.143:8888/cor	nsole/console	e.portal?_nfpb=true&_pageLabel=JmsServ	verJMSServerTablePage		Google Powered	Pandion Search
Elle Edit View Favorites Iools Help • McAfee /						
😭 🏟 🎉 Summary of JMS Servers - fcubs113	3_domain - W	VLS C			🟠 • 🖻 × 🖶	• 🔂 Page • 🎯 Tools • '
	Administra	ation Console				Q d
Change Center 🛍 Home Log Out Preferences 🖾 Record Help 🔍 Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts		>Summary of JDBC Data Sources >FLEXTEST	T.WORLD >Summary of JMS Servers			
Pending changes exist. They must be activated to take effect.	Message Ø JMS	es S Server created successfully				
Activate Changes	Summa	ry of JMS Servers				
Undo All Changes						
	JMS si	ervers act as management containers for	the queues and topics in JMS modules that are	e targeted to them.		
Domain Structure fcubs113 domain	This p	age summarizes the JMS servers that have	e been created in the current WebLogic Serve	er domain.		
Environment						
Deployments	Custo	omize this table				
E-Services	,					
⊟-Messaging	JMS S	Servers (Filtered - More Columns Exi	st)			
<u>JMS Servers</u>	New	Delete			Showing 1 to :	Lof 1 Previous Next
Store-and-Forward Agents		Beete			Showing 1 to .	tor 1 Previous Next
		Name 🔿	Persistent Store	Target	Current Server	Health
Bridges		name 🗸	Persistent Store	Target	current server	Treatur
Data Sources		FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
***Persistent Stores			I	I	I	
Foreign JNDI Providers Work Contexts	New	/ Delete			Showing 1 to 1	Lof 1 Previous Next
How do I						
Configure JMS servers						
Configure JMS system modules						
System Status 😑						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

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=3msModulesTablePage	🖌 😽 🗶 Google Powered Pandion Search 🖉 🔹		
Eile Edit Yiew Favorites Tools Help				
👷 🎄 🄏 JM5 Modules - Fcubs113_domain - V	WLS Console	🏠 🔻 🖾 🔹 🖶 🕇 🔂 Bage 🖛 🍈 Tgols 🖛 🎾		
ORACLE WebLogic Server®	Administration Console	Q		
Change Center	🔒 Home Log Out Preferences 🗠 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >	Summary of JMS Servers >JMS Modules		
Click the Lock & Edit button to modify, add or delete items in this domain.	JMS Modules			
Lock & Edit Release Configuration	JMS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, topics, co distributed queues, distributed topics, foregn servers, and JMS store-and-forward (SAP) parameters. You can administratively configure resources.			
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.			
fcubs113_domain	Customize this table			
Messaging JMS Servers	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page.			
	New Delete	Showing 0 to 0 of 0 Previous Next		
Path Services ⊞-Bridges	□ Name ↔ Type			
Data Sources Persistent Stores	There are no items to display			
Foreign JNDI Providers		Showing 0 to 0 of 0 Previous Next		
How do I				
Configure JMS system modules Configure resources for JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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

🖉 JMS Modules - fcubs113_domain - WLS Console - Windows Internet Explorer 🖉 🗷					
😧 😳 👻 👔 http://10.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=http://10.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/console.portal?_rfsp=trues_pageLabel=_http://20.184.74.143.88888/console/con					
File Edk Yew Favorites Iools Help					
😭 🏟 🌈 JMS Modules - fcubs113_domain - V	WLS Console		🟠 🔹 🗟 🔹 🖶 Page 🕶 🎯 Tgols 🔹 🎽		
	Administration Console		Q 🙆		
Change Center	🔞 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS	Servers >Summary of JDBC Data Sources >F	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	distributed queues, distributed topics, foreign servers, and JMS store-and resources.	-forward (SAF) parameters. You can admini	: queues, topics, connection factories, templates, destination keys, quota, stratively configure and manage JMS system modules as global system		
	This page summarizes the JMS system modules that have been created for	this domain.			
Domain Structure fcubs 13_domain IP-Environment IP-Deployments JHS Hodules					
⊕-Services ⊖-Messaging	Ch-Services Showing 0 to 0 of 0 Previous New Delete				
	🔲 Name 🔅		Туре		
Path Services		There are no items to display			
E -Bridges Data Sources Persistent Stores	New Delete		Showing 0 to 0 of 0 Previous Next		
Foreign JNDI Providers					
How do L					
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	_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortleth	andle=com.bea.console.handles.JT 🖤 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit Yiew Favorites Tools Help		
😪 🔅 🌈 Create JMS System Module - fcubs 1	113_domain - WL5	🚹 🔹 🔝 👘 👘 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 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	Create JMS System Module	
domain.	Back Next Finish Cancel	
Release Configuration	The following properties will be used to identify your new module.	
Domain Structure	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such reso distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. Yo resources.	urces include queues, topics, connection factories, templates, destination keys, quota, u can administratively configure and manage JMS system modules as global system
B-Environment Deployments	* Indicates required fields	
Services Griessaging Wassaging With Servers	What would you like to name your System Module?	
Store-and-Forward Agents JMS Modules	* Name: FCUBS_SystemModule	
B-Bridges	What would you like to name the descriptor file name? If you do not provide a name, a default will be assig	ned.
Data Sources Persistent Stores Foreign JNDI Providers	Descriptor File Name: FCUBS_SystemModule	
Work Contexts	Where would like to place the descriptor for this System Module, relative to the jms configuration sub-direc	tory of your domain?
How do I	Location In Domain:	
Configure JMS system modules		
Configure JMS servers	Back Next Finish Cancel	
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		
Wahl only Server Versions 10.2.4.0		



Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

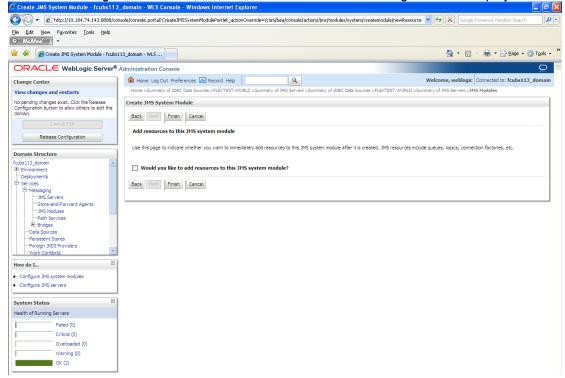
4. Click 'Next'.

The following screen is displayed.

🖉 Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer	- 2 🛛
😋 💽 👻 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateJM55ystemModulePortiet_actionOverride=/com/bea/console/actions/jms/modules/system/createmodule/selectTargets 🚽 🐓 🗶 Google Powered Pandon Search	P -
Eile Edit View Favorites Tools Help • McAfee		
🚖 🎄 🌈 Create JM5 System Module - fcubs1	13_domain - WLS 👘 🔹 🔂 🗧 🖶 🔁 Bage 🖛 🎯	Tgols • "
	Administration Console	Q 🗠
Change Center	😭 Home Log Out Preferences 🗠 Record Help	lomain
View changes and restarts	Home > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit. Release Configuration	Create JHS System Module Back Frish Cancel The following properties will be used to target your new JHS system module.	
Domain Structure	Use this page to select the server or cluster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish.	
fcubs113_domain ⊕ Environment ⊕ Deployments ⊟ Deprivents ⊟ Services ⊕ Misservices ⊕ Mis Servers	Targets : Servers AdminServer	
Store-and-Forward AgentsINK ModulesPath ServicesPath ServicesPath ServicesParistent StoresForeign JND ProvidersWork Contexts	ManagedServer1 Back Next Frien Cancel	
How do I		
Configure JMS system modules Configure JMS servers		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
ОК (2)		



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



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

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer			
🔆 💭 🔹 🕅 http://10.164.74.14388888/console/				
Elle Edit View Favorites Tools Help				
😤 🏟 🏉 JM5 Modules - Fcubs113_domain - V	VLS Console	🏠 🔹 🗟 🔹 📴 Bage 🗸 🎯 Tgols 🗸 👌		
	Administration Console	Q		
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts Pending changes exit. They must be activated to take effect. Undo All Changes Undo All Changes Domain Structure foubs 113_domain B* Environment D=Deployments B*Services P+Messaging3MS ServersSele send-Forward Agents	Home >Summary of JOBC Data Sources >FLEYTEST.WORLD >Summary of JMS Servers >Summary of JOBC Hessages The JMS module was created successfully. IHS Hodules JMS system resources are configured and stored as modules similar to standard JZEE modules. Such re distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. resources. This page summarizes the JMS system modules that have been created for this domain. Customize this table JMS Hodules	sources include queues, toolcs, connection factories, templates, destination keys, quota,		
Path Services	New Delete	Showing 1 to 1 of 1 Previous Next		
Data Sources	Name 🗞	Туре		
Persistent Stores Foreign JNDI Providers	FCUBS_SystemModule	System		
How do I	New. Delete	Showing 1 to 1 of 1 Previous Next		
Configure JMS system modules Configure resources for JMS system modules System Status Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)				

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



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

C JMS Modules - Tcubs113_domain - WL	S Console - Windows Internet Explorer		
🚱 🕤 👻 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=http://10.16	34.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage 🛩	Google Powered Pandion Search
Eile Edit View Favorites Iools Help			
🚖 🔅 🍘 JMS Modules - fcubs113_domain - V	MLS Console		🏠 🔹 🔝 👘 🖶 🍷 📴 Bage 🔹 🍈 Tools 🔹
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q We	connected to: fcubs113_domain
View changes and restarts Click the Lock & Edit button to modify, add or delete items in this domain.	Home >Summary of JDBC Data Sources >FLEXTEST.WC Messages	RLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summar necessary.	y of JMS Servers > JMS Modules
Lock & Edit	JM5 Modules		
Release Configuration Domain Structure fcubs 113_domain IP-Environment IP-Service IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging IP-Nessaging		modules similar to standard JZEE modules. Such resources include queues, topics, connection s, and JMS store-and-forward (SAF) parameters. You can administratively configure and ma have been created for this domain.	
Store-and-Forward Agents	Click the Lock & Edit button in the Change Center to	o activate all the buttons on this page.	
Path Services Bi-Bridges			Showing 1 to 1 of 1 Previous Next
Data Sources Persistent Stores Foreign JNDI Providers	Name 🗞		Туре
How do I	FCUBS_SystemModule		System
Configure IMS system modules Configure resources for JMS system modules	Tiew Delete		Showing 1 to 1 of 1 Previous Next
System Status Health of Running Servers			
Failed (0) Critical (0) Overloaded (0)			
Warning (0) OK (2)			

7.2.4 Subdeployment Creation

Follow the steps given below:

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



The following screen is displayed:

JMS Modules - fcubs113_domain - WL JMS Modules - fcubs113_domain - WL	s console.portal?_nfpb=true%_pageLabel=http://10.184.74.143:8888/console/console.portal?_nf	ph=true%, paget abet=http://10.184.74.143 V 44 X Google Powered Pandon Search
je Edit View Favorites Iools Help	seeteen see heren. Tulke is een Definieren under Maarte un uit jaaren kennen kennen heren. Tul	
0 McAfee' 🔏 🔹		
🎽 🏟 🌈 JMS Modules - fcubs113_domain - \	VLS Console	🟠 🔻 🔝 👘 🖶 Page 👻 🎲 T <u>o</u> ols
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🏠 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of	JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules	
Lock & Edit Release Configuration	3/MS system resources are configured and stored as modules similar to standard J2EE modules. distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) param resources.	Such resources include queues, topics, connection factories, templates, destination keys, quota, leters. You can administratively configure and manage JMS system modules as global system
	This page summarizes the JMS system modules that have been created for this domain.	
Domain Structure fcubs113_domain Fcuvironment Deployments	Customize this table JHS Hodules	
-Services		
Messaging '''JMS Servers '''Store-and-Forward Agents	New Delete	Showing I to 1 of 1 Previous Next
<u>JMS Modules</u>		Туре
Path Services Path Services	FCUBS_SystemModule	System
Data Sources	New Delete	Showing 1 to 1 of 1 Previous Next
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)		

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

C Settings for FCUBS_SystemModule - fcu	ıbs113_domain - WLS Console -	Windows Internet Explorer		
(C) - (e) http://10.184.74.143:8888/cons	sole/console.portal?_nfpb=true&_pageL	abel=JM55ystemModuleConfigGeneralPage	Shandle=com.bea.console.handles.JMXHandle%28%22c	om.b 🖌 😽 🗙 Google Powered Pandion Search 🖉 💌
Ele Edit View Favorites Tools Help				
A A C Settings for FCUB5_SystemModule -	fcubs113_domai			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽
	Administration Console			e 🗠
Change Center	🔒 Home Log Out Preferences 🔤	Record Help	L	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS_SystemModule	es >FLEXTEST.WORLD >Summary of JMS Ser	vers >Summary of JDBC Data Sources >FLEXTEST.WORLD :	Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModu	le		
domain.	Configuration Subdeployments	Targets Security Notes		
Release Configuration	This page displays general informat	ion about a JMS system module and its res	urces. It also allows you to configure new resources and	access existing resources.
Domain Structure fcubs113_domain	Name:	FCUBS_SystemModule	The name of this	JMS system module. More Info
Environment	Descriptor File Name:	jms/FCUBS_SystemModule-jr	is.xml The name of the	JMS module descriptor file. More Info
C-Messaging Messaging Modules Modules Path Services B-Bridges -Data Sources -Persistent Stores -Porodes -Po	IS Servers destnation quots, distributed destnations, foreign servers, and store-and-forward parameters. S Notales th Services destnation quots, distributed destnations, foreign servers, and store-and-forward parameters. Customize this table S Notales th Services Summary of Resources Summary of Resources I New: Testerier Stributed destnations, foreign servers, and store-and-forward parameters.			
Hew de T	🔲 Name 🖘	Type JNDI Name	Subdeployment	Targets
HOW GO 1			There are no items to display	
Configure JMS system modules Configure subdeployments in JMS system modules	New Delete			Showing 0 to 0 of 0 Previous Next
Configure resources for JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				
OF	RACLE	7-35		

4. Click 'Subdeployments' tab.

C Settings for FCUBS_SystemModule - for	ubs113_domain - WLS Console - Windows I	Internet Explorer	
A ttp://10.184.74.143:8888/co A ttp://10.184.74.143:88888/co A ttp://10.184.74.143:8888/co A ttp://10.184.74.143:888888/co A ttp://10.184.74.143:8888/co A ttp://10.184.74.143.143.143.143.143.143.143.143.143.14	nsole/console.portal?_nfpb=true&_pageLabel=JMS5yst	temModuleSubDeploymentTabPage&handle=com.bea.com	nsole.handles.JMXHandle%28%22 💙 🐓 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹
Ele Edit Yiew Favorites Tools Help			
👷 🏟 🌈 Settings for FCUB5_SystemModule	- fcubs113_domai		🟠 🔹 🔝 👘 🖶 Page 🖛 🎯 Tgols 🗸 🎽
ORACLE WebLogic Server®	Administration Console		Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	P	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST Modules >FCUBS_SystemModule	T.WORLD >Summary of JMS Servers >Summary of JDBC Dat	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule		
domain.	Configuration Subdeployments Targets	Security Notes	
Release Configuration	This page displays subdeployments created for a grouped and targeted to a server resource (sud		y which JMS module resources (such as queues, topics, and connection factories) are
fçubs113_domain	Customize this table		
E)-Environment	Subdeployments		
E-Services E-Messaging	New Delete		Showing 0 to 0 of 0 Previous Next
	Decte		Showing o to o if or previous (Next
Store-and-Forward Agents	🔲 Name 🖚	Resources	Targets
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 ProvidersWork Contexts			
How do I			
Configure subdeployments in JMS system			
Configure JMS system modules			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

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

Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer			
	$nsole/console.portal? \\ 3msSystemModuleCreateSubDeploymentPortletreturnTo=3MSSystemModuleSubDeploymentTabPagerstemPortletreturnTo=3MSSystemModuleSubDeploymentTabPage$	e&JMSSystemModuleSubDe 💙 😽 🗙 🛛 Google Powered Pandion Search 👘 🔎 🔹		
Ele Edit Yiew Favorites Tools Help O McAfee				
😤 🏟 🌈 Create a New Subdeployment - fcul	55113_domain - W	🛐 👻 🔝 👻 🖶 🐑 Bage 👻 🎯 Tgols 👻		
	Administration Console	Q		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Source Modules >FCUBS_SystemModule	is >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 ⊖-Services ⊖-Messaging	* Subdeployment Name: FCUBS			
Path Services				
Data Sources				
Persistent Stores Foreign JNDI Providers				
Work Contexts				
How do I				
 Configure subdeployments in JMS system modules 				
System Status				
Health of Running Servers				
Falled (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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



The following screen will be displayed.

🖉 Create a New Subdeployment - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖸 🖸			
😋 💽 👻 🙋 http://10.184.74.143:8888/cor	isole/console.portal?3ms5ystemModuleCreateSubDeploymentPortlet_actionOverride=/com/bea/c	onsole/actions/jms/modules/system/createsubdep 💙 🚱 🔀 🛛 Google Powered Pandion Search 🛛 🔎 🔹	
Eile Edit Yiew Favorites Tools Help • McAfee •			
😭 🏟 🌈 Create a New Subdeployment - fcut	os113_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 JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summ Modules >FCUBS_SystemModule	ary of JDBC Data Sources > FLEXTEST.WORLD >Summary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Targets		
Domain Structure	Please select targets for the Subdeployment		
fcubs113_domain	Servers		
Deployments Services	ManagedServer1		
⊕-Messaging			
	JMS Servers		
JMS Modules	FCUBS_JMSServer		
Path Services B-Bridges			
Data Sources	Back Next Finish Cancel		
Persistent Stores Foreign JNDI Providers			
Work Contexts			
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.

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Windows Internet	Explorer	
G v //10.184.74.143:8888/com	nsole/console.portal?_nfpb=true&_pageLabel=JMSSystemModule	eSubDeploymentTabPage	Google Powered Pandion Search
Elle Edit View Favorites Iools Help McAfee'			
👷 🎄 🏀 Settings for FCUBS_SystemModule	- fcubs113_domai		🏠 👻 🔝 🝸 🖶 Y Dage 🕶 🎯 Tools 🗸
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD > Modules >FCUBS_SystemModule	Summary of JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Messages		
Activate Changes	 Subdeployment created successfully. 		
Undo All Changes	Settings for FCUBS_SystemModule		
	Configuration Subdeployments Targets Security	y Notes	
B ⁺ Environment → Deployments → Deployments → Services → MS Services → MS Services → MS Nodels → Path Services → Path Services → Path Services → Path Services → Deployment → Deployment → Deployments →	grouped and targeted to a server resource (such as JMS s Customize this table Subdeployments New, Deter PCuss New, Deter	ervers, server instances, or cluster).	Showing 1 to 1 of 1 Previous Next Targets FCUBS_IMSServer Showing 1 to 1 of 1 Previous Next
How do L Configure subdeployments in JMS system modules Configure JMS system modules System Status Health of Running Servers Faled (0) Critical (0) Coverloaded (0) Warning (0) CK (2)			

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

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Window	rs Internet Explorer		- 7 🛛
🚱 🕤 👻 🙋 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=JMSSystemModuleSut 💟 🐓 🗙 🛛 Google Powered Pandion Searc	h 👂 -
Edie Edit View Favorites Tools Help				
Settings for FCUBS_SystemModule -	- fcubs113_domai		🏠 🔻 🖾 🐇 🔂 Bage 🖛	💮 Tools 👻 "
	Administration Console			<u>o</u>
Change Center	🔒 Home Log Out Preferences 🔤 Record I	Help Q	Welcome, weblogic Connected to: fcubs1:	13_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTI Modules >FCUBS SystemModule	EST.WORLD >Summary of JMS Servers >Summar	y of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS	
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been activated. No resta	rts are necessary.		
Release Configuration	Settings for FCUBS_SystemModule			
	Configuration Subdeployments Target	ts Security Notes		
"Deployments Descrices ">MS Servers ">MS Servers ">MS Servers ">MS Servers ">MS Modules ">Path Servers ">Brindges "Data Sources	Customize this table Subdeployments Olick the Lock & Editbutton in the Change C	auch as JMS servers, server instances, or clust enter to activate all the buttons on this page.	Showing ito lofi Previou	s Next
Persistent Stores Foreign JNDI Providers	🔲 Name 🗇	Resources	Targets	
Work Contexts	FCUBS		FCUBS_JMSServer	
How do L Configure subdeployments in JMS system modules Configure JMS system modules	New Delete		Showing I to I of 1 Previou	s Next
System Status				
Health of Running Servers				
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)				



7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

C Settings for FCUBS_SystemModule - fo	ubs113_d	main - WLS Console -	Windows	Internet	Explore	r					_ 7 🛛
🚱 🗸 🖉 http://10.184.74.143:8888/com	nsole/console.	portal?_nfpb=true&_pageL	abel=JMSSy	stemModule	ConfigTab	Page&JM55ystemModuleConfigGen	eralPortlethandle=com.bea	a.console. 🔽 🐓 🗙 🛛	oogle Powered	Pandion Search	P -
Eile Edit Yiew Favorites Tools Help McAfee /											
😭 🏟 🌈 Settings for FCUB5_SystemModule	- fcubs113_d	mai						🟠 •	5 - 🖶	• 🔂 Bage • 🄇) Tools • "
	Administra	tion Console									o 🗠
Change Center	🔒 Home	Log Out Preferences 🔼	Record He	elp 📃		Q		Welcome, webl	ogic Connect	ed to: fcubs113_	_domain
View changes and restarts		summary of JDBC Data Source >FCUBS SystemModule	es >FLEXTES	T.WORLD >	Summary o	of JMS Servers >Summary of JDBC Da	ata Sources > FLEXTEST.WOP	RLD >Summary of JMS Server	s >JMS		
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings	for FCUBS_SystemMod	ıle								
Lock & Edit	Configu	ration Subdeployments	Targets	Security	Notes						
Release Configuration	This pa	ge displays general informa	tion about a	JMS system	module ar	nd its resources. It also allows you t	to configure new resources	and access existing resourc	es.		
Domain Structure											
fcubs113_domain	Name:			FCUBS_S	ystemModi	ule	The name of	f this JMS system module.	More Info		
Deployments	Descrip	tor File Name:		ims/FCUE	IS Systemi	Module-ims.xml	The name of	f the JMS module descriptor	file. More Inf	o	
⊕-Services ⊕-Messaging				,,	/	,					
						this JMS system module, including o e-and-forward parameters.	queue and topic destination	is, connection factories, JMS	templates, de	stination sort keys	v
Path Services Bridges	Custo	nize this table									
Data Sources	Summ	ary of Resources									
Persistent Stores Foreign JNDI Providers	Click the	Lock & Edit button in the	Change Cer	ter to activ	ate all the	buttons on this name.					
-Work Contexts											
How do I	New								Showing 0 to 0	of 0 Previous	Next
Configure JMS system modules		Name 🗇	Туре		JND	I Name	Subdeployment		Target	s	
 Configure subdeployments in JMS system modules 			_			There are no items to	o display				
Configure resources for JMS system modules	New	Delete							Showing 0 to 0	of 0 Previous	Next
System Status											
Health of Running Servers											
Failed (0)											
Critical (0)											
Overloaded (0)											
Warning (0)											
OK (2)											

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



The Following screen is displayed.

http://10.194.74.140.0000/-	onsole/console.portal?_nfpb=true&_pageLal	hal- MSS stanMadulaCanBaCanavalDaga		Google Powered Pandion Search	
	onsole/console.portal/_nrpb=truelx_pageLa	bel=JM55ystemModuleConfigGeneralPage		Google Powered Pandion Search	
le Edit View Favorites Tools Help McAfee /					
🔗 🖉 Settings for FCUBS_SystemModule	e - fcubs113_domai			🟠 🔹 🔝 👘 🖷 🔹 📴 Bage 🕶 🎯 Tools	
	Administration Console			Ģ	
hange Center	🟦 Home Log Out Preferences 🔤	Record Help	Welc	come, weblogic Connected to: fcubs113_doma	
iew changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS_SystemModule	is >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDB	C Data Sources >FLEXTEST.WORLD >Summary <	of JMS Servers >JMS	
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Settings for FCUBS_SystemModul	le			
omain.	Configuration Subdeployments	Targets Security Notes			
Release Configuration	This page displays general informati	ion about a JMS system module and its resources. It also allows	ou to configure new resources and access exis	sting resources.	
omain Structure	Name:	FCUBS_SystemModule	The name of this JMS syste	m module. More Info	
ubs113_domain	Descriptor File Name:	ims/FCUBS_SystemModule-ims.xml			
Services I Messaging	This page summarizes the JMS resou	urces that have been created for this JMS system module, includ	ing queue and topic destinations, connection fa		
Services → Messaging → JMS Servers → Store-and-Forward Agents → JMS Modules → Path Services B Pricipes → Data Sources	destination quota, distributed destin Customize this table Summary of Resources		ing queue and topic destinations, connection fo	actories, 345 templates, destination sort keys,	
Services Hessaging Hassaging Hits Servers Store-and-Forward Agents Hassaging Hest Services Deta Sources "Deta Sources "Persistent Stores "Foreign NUD Providers	estination quota, distributed destin	urces that have been created for this JMS system module, includ	ing queue and topic destinations, connection fo		
Services Message Message Services Message Me	destination quota, distributed destin Customize this table Summary of Resources New Deste Name Name	urces that have been created for this JMS system module, includ	ng queue and topic destinations, connection fo	actories, 345 templates, destination sort keys,	
Hervices Hervices Hervices How Services How Services How Services How Services How Services How Services How Services Hervice	destination quota, distributed destin Customize this table Summary of Resources New Deste Name Name	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next	
Services Messaging Messagi	destination quota, distributed destin Customize this table Summary of Resources New Deste Name Name	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 3MS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next	
Services	destination quota, distributed destri © Customize this table Summary of Resources New Debte Name ©	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Services	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
-Spruces -Shersange -Shersange -Shersand-Forward Agents -Ster-and-Forward Agents -Ster-And Sources -Shersatent Stores -Porestent Stores -Poreng NXI Providers -Vork Contexts w do L Configure 3NS system modules Configure studdeloyments in 3NS system modules -Configure resources for 3NS system modules -stem Status	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
-Spruces -Shersange -Shersange -Shersand-Forward Agents -Ster-and-Forward Agents -Ster-And Sources -Shersatent Stores -Poresident Stores -Poreprint Data Sources -Foreign XXI Providers -Vickit Contexts wide I Configure 3NS system modules Configure resources for JNS system modules rstem Status	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
-Spruces -Shersange -Shersange -Shersange -Shersand Remark Agents -Ster-and Forward Agents -Ster-and Forward Agents -Ster-And Sources -Porepation -Data Sources -Porepation -Data Sources -Porepation -Ster Status -Ster Ster Ster Ster Ster Ster Ster Ster	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
-Services -Messaging -Messaging -Messaging -Messaging -Messaging -Messaging -Messaging -Messaging -Services -Messaging -Services -Presign:NDI Provides -Presign:NDI Provides -Messaging -Messaging -Presign:NDI Provides -Messaging -Presign:NDI Provides -Messaging -Presign:NDI Provides -Messaging -Preside -Messaging -Mess	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
D'Services	destination quota, distributed destin Customize this table Summary of Resources New Deste Name & New Deste	urces that have been created for this 3MS system module, includ nations, foreign servers, and store-and-forward parameters.	Subdeployment	actories, 345 templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	

ORACLE

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

	source - fcubs113_domain - WLS Console - Windows Internet Explorer	
	onsole/console.portal/_nrpb=truels_pageLabel=JmsCreateSystemModuleEntitysUmsCreateS	isystemModuleEntityPortletcurrentModule=FCUB5_Syster 🚩 47 🔀 Google Powered Pandion Search
Edit View Favorites Tools Help McAfee		
🛠 🄏 Create a New JMS System Module	Resource - fcubs11	🟠 🔹 🔝 👘 🛃 Rage 🕶 🎯 Tgols
	Administration Console	9
ange Center	🔒 Home Log Out Preferences 🗠 Record Help	Welcome, weblogic Connected to: fcubs113_domai
w changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers > Modules >FCUBS_SystemModule	Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
pending changes exist. Click the Release figuration button to allow others to edit the ain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
nain Structure	Use these pages to create resources in a JMS system module, such as queues, topic	s, templates, and connection factories.
s113_domain s113_domain rnvironment polpoyments Services	Depending on the type of resource you select, you are prompted to enter basic info factories, distributed queues and topics, foreign servers, and JMS SAF destinations, targetable resources with subdeployments, which is an advanced mechanism for gro	mation for creating the resource. For targetable resources, like stand-alone queues and topics, connection you can also proceed to targeting pages for selecting appropriate server targets. You can also associate uping JMS module resources and the members to server resources.
	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules	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. When Infin
Persistent StoresForeign JNDI ProvidersWork Contexts	🔿 Торіс	Defines a publish/subscribe destination type, which are used for asynchronous per communications. A message delivered to a topic is distributed to all topic consumers. More Info
do I	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 dients. More Info
onfigure JMS templates onfigure destination keys	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
infigure topics infigure queues infigure connection factories	Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
nnigure connection factories Infigure uniform distributed topics Infigure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More Info
nfigure foreign servers	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
em Status 🗉	○ JH5 Template	Defines a set of default configuration settings for multiple destinations. More Info
th of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported in the focal dustor or server instance, so that the local server instance or duster can send messages to the remote server instance or duster.



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

🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Win	dows Internet Explorer	
A ttp://10.184.74.143:8888/co A ttp://10.184.74.143:88888/co A ttp://10.184.74.143:8888/co A ttp://10.184.74.143.143.143.143.143.143.143.143.143.14	nsole/console.portal?3msCreateSystemModuleEntityPortlet	_actionOverride=/com/bea/console/actions/jms/modu	ules/system/createentity/selectEntit 💙 😽 🗙 Google Powered Pandion Search 👂
Eile Edit View Favorites Tools Help			
McAfee			
😭 🔅 🌈 Create a New JMS System Module I	Resource - fcubs11		🟠 👻 👼 👻 📑 Page 👻 🏠 Tools 👻
	Administration Console		Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC Modules >FCUBS_SystemModule	ORLD »Summary of JMS Servers »Summary of JDBC Dat	ta 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 JM5 System Module Resource		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	JMS Destination Properties		
Domain Structure	The following properties will be used to identify your	new Queue. The current module is FCUBS_SystemMe	odule.
fcubs113_domain	* Indicates required fields		
Environment Deployments	a noncenteer respondent menter		
Services	* Name: NOTIFY DEST QUE		
E-Messaging	NOTIFY_DEST_QUE	UE	
	JNDI Name: NOTIFY DEST QUE		
····JMS Modules	NOTIFY_DEST_QUE	UE	
Path Services ⊡-Bridges	Template:		
Data Sources	None V		
Persistent Stores	Back Next Finish Cancel		
Foreign JNDI ProvidersWork Contexts			
How do I			
Configure quotas for destinations			
Configure JMS templates			
Configure destination keys			
Configure topics			
Configure queues			
Configure connection factories			
Configure uniform distributed topics Configure uniform distributed queues			
Configure uniform distributed queues Configure foreign servers			
Configure JMS SAF			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Done	I		📢 Local intranet 🔍 100% 👻
Dolle			Stocal intraliet 4 100 %

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
File Edit Yiew Favorites Tools Help		
👷 🕸 🌈 Create a New JMS System Module R	esource - fcubs11	🏠 👻 🗟 👘 🖶 📴 Bage 👻 🏠 Tools 🗸 🎽
	Administration Console	Q 🎴
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEX Modules >FCUBS_SystemModule	TEST.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 JHS system module resource	
Domain Structure fcubs 113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which SAF agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdeployment button, module's subdeployment management page.	h IMS resources are grouped and targeted to a server instance, cluster, or You can also reconfigure subdeployment targets later by using the parent
Deployments Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
⊡-Messaging	Subdeployments: FCUBS Create a New Subdeployment	
Store-and-Forward Agents JMS Modules	What targets do you want to assign to this subdeployment?	
E-Bridges	Targets :	
Persistent Stores		
Foreign JNDI Providers Work Contexts	JMS Servers	
How do I	• FCUBS_JMSServer	
Configure quotas for destinations	Back Next Finish Cancel	
Configure JMS templates Configure destination keys		
Configure 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		Socal intranet 🔍 100% 👻



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

C Settings for FCUBS_SystemModule - fo	ubs113_domain - WLS Console -	Windows Inter	net Explore				- 2 🛛
G v Attp://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_pageL	ibel=JMSSystemM	oduleConfigGen	eralPage	✓ 47 ×	Google Powered Pandion Search	P-
Ele Edit View Favorites Tools Help							
😭 🏘 🏈 Settings for FCUB5_SystemModule	- fcubs113_domai				<u>a</u>	• 🔊 - 🖶 • 🔂 Bage • 🎯 1	Tgols • '
ORACLE WebLogic Server®	Administration Console						Q
Change Center	🔒 Home Log Out Preferences 🔤	Record Help		Q	Welcome, we	blogic Connected to: fcubs113_de	omain
View changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS_SystemModule	IS > FLEXTEST.WOP	RLD >Summary o	of JMS Servers >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Ser	/ers >JMS	
Pending changes exist. They must be activated to take effect.	Messages The JMS Queue was created suc	cecch ilu					
Activate Changes	-						_
Undo All Changes	Settings for FCUBS_SystemModu Configuration Subdeployments	Targets Secu	rity Notes				
Domain Structure	Comgaration Subdeproyments	Targets Sect	anty Notes				
fcubs113_domain	This page displays general information	ion about a JMS sy	rstem module ar	nd its resources. It also allows you to configure	new resources and access existing resou	irces.	
B-Services	Name:	FCU	The name of this JMS system module. More Info				
Messaging "JMS Servers "Store-and-Forward Agents "JMS Modules "JMS Modules "JMS Modules "Jath Services	Descriptor File Name: This page summarizes the JMS reso	urces that have be	FCUBS_System1	this JMS system module, including queue and to	The name of the JMS module descript		
Bridges Data Sources Persistent Stores Foreign JNDI Providers	destination quota, distributed dest	nations, foreign se	rvers, and stor	e-and-forward parameters.			
Work Contexts	Summary of Resources						
How do I	New					Showing 1 to 1 of 1 Previous Ne	xt
Configure JMS system modules Configure subdeployments in JMS system	🔲 Name 🗠		Туре	JNDI Name	Subdeployment	Targets	
 Configure resources for JMS system modules 	NOTIFY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
Surtan Statur	New Delete					Showing 1 to 1 of 1 Previous Ne	xt
System Status							-1
Falled (0) Critical (0) Overloaded (0) Warring (0) OK (2) Karlow							



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

C Settings for FCUBS_SystemModule - fo	cubs113_	domain - WLS Console -	Windows Inte	ernet Explore	r		
G S + e http://10.184.74.143:8888/co	nsole/consol	e.portal?_nfpb=true&_pageL	abel=http://10.1	84.74.143:8888/	console/console.portal?_nfpb=true(8_pageLabel=http://10.184.74.143 🔽	Google Powered Pandion Search
Elle Edit View Favorites Tools Help							
😪 🏟 🄏 Settings for FCUBS_SystemModule	- fcubs113_	domai					🟠 🔹 🔝 🕤 🖶 👻 🔂 Page 🔹 🎯 Tools 🔹
ORACLE WebLogic Server®	Administr	ation Console					Q
Change Center	🔒 Hor	ne Log Out Preferences 📐	Record Help		Q	Wel	come, weblogic Connected to: fcubs113_domain
View changes and restarts	Home Modul	>Summary of JDBC Data Sourc es >FCUBS_SystemModule	es >FLEXTEST.W	ORLD >Summary	of JMS Servers >Summary of JDBC Da	ta Sources >FLEXTEST.WORLD >Summary	of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Setting	s for FCUBS_SystemModu	ıle				
Lock & Edit	Config	Subdeployments	Targets Se	curity Notes			
Release Configuration	This p	age displays general informa	tion about a JMS	system module a	nd its resources. It also allows you t	to configure new resources and access ex	isting resources.
Domain Structure	Name	:	FC	UBS_SystemMod	ule	The name of this JMS syste	em module. More Info
fcubs113_domain	Descr	iptor File Name:	jm	s/FCUBS_System	Module-jms. xml	The name of the JMS modu	le descriptor file. More Info
⊖-Messaging 3NS Servers Store-and-Forward Agents 3NS Modules Path Services ⊕-Bindges	desti	nation quota, distributed dest comize this table mary of Resources	inations, foreign :	servers, and stor	e-and-forward parameters.		actories, 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		NOTIFY_DEST_QUEUE		Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
 Configure JMS system modules Configure subdeployments in JMS system 	Nev	v Delete					Showing 1 to 1 of 1 Previous Next
 Modules Configure resources for JMS system modules 							
System Status							
Health of Running Servers Failed (0)							
Critical (0)							
Overloaded (0)							
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'.

4						
	ubs113_domain - WLS Console - Windows					
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Ele Edit Yew Favorites Tools Help • McAfee						
🚖 💠 🌈 Settings for FCUBS_SystemModule	- fcubs113_domai		🏠 - 🔊 - 🖶 - Eage - 🎯	Tools 👻		
	Administration Console			Q		
Change Center	🏦 Home Log Out Preferences 🔤 Record H	lelp Q	Welcome, weblogic Connected to: fcubs113_c	lomain		
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_System/Module					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule					
domain.	Configuration Subdeployments Targets	Security Notes				
Release Configuration	This page displays general information about a	a JMS system module and its resources. It also allows	you to configure new resources and access existing resources.			
Domain Structure fcubs113 domain	Name:	FCUBS_SystemModule	The name of this JMS system module. More Info			
Environment Deployments	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module descriptor file. More Info			
Store-and-Forward Agents	Customize this table Summary of Resources New Delete		Showing i to i of i Previous N			
Foreign JNDI Providers	Delete		Showing to to it Previous in			
How do L.	🔲 Name 🖚	Type JNDI Name	Subdeployment Targets			
Configure JMS system modules	NOTIFY_DEST_QUEUE	Queue NOTIFY_DEST_QUEUE	FCUBS_JMSServer			
 Configure subdeployments in JMS system modules 	New Delete		Showing 1 to 1 of 1 Previous N	ext		
Configure resources for JMS system modules				_		



The 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/cor	sole/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSyste	ModuleEntityPortletcurrentModule=FCUBS_Syster 💙 🍫 🔀 Google Powered Pandion Search 🖉 🖉
le Edit View Favorites Tools Help McAfee:		
🗘 🌾 Create a New JMS System Module F	Incourse forheld	🐴 🔹 🗟 🕤 🖶 Sege 🕶 🎯 Tools 🔹
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nange Center	Home Log Out Preferences Record Help Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summ	Welcome, weblogic Connected to: fcubs113_domain arry of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
pending changes exist. Click the Release	Modules >FCUBS_SystemModule	
nfiguration button to allow others to edit the main.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
omain Structure	Use these pages to create resources in a JMS system module, such as queues, topics, ter	plates, and connection factories.
Ibs113_domain -Environment -Deployments -Services	Depending on the type of resource you select, you are prompted to enter basic informati factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you targetable resources with subdeployments, which is an advanced mechanism for grouping	n for creating the resource. For targetable resources, like stand-alone queues and topics, connection an also proceed to targeting pages for selecting appropriate server targets. You can also associate 3MS module resources and the members to server resources.
-Messaging	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules Path Services EP-Bridges 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 inflo
Foreign 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 consumes. More linfo
w do I	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 dients. More Info
Configure topics Configure queues	O 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
Alth of Running Servers Faled (0) Critical (0) Overloaded (0)	○ SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported in the local duster or server instance, so that the local server instance or duster can send messages to the remote server instance or duster. Note infin
		🔍 Local intranet 🔍 100% 👻



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

Variants Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors The Contract New XS System Holde Resource - factors Contract New XS System	🖉 Create a New JMS System Module Reso	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	FX
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Number Name Work changes and restarts No period panges suct. Citk is Relates Construction Relates Configuration Demain Structure Constructure Constructure Constructure Demain Structure Constructure Constructure Demain Structure Constructure Constructure Demain Structure Demain Structure Constructure Demain Structure Dema		Administration Console	<u>o</u> •
Text stars Text stars <td>Change Center</td> <td></td> <td>main</td>	Change Center		main
Configure for builton to allow others to edit measures	-	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	
Resease Configuration Domain Structure (Selection Factory Properties) Demoins in Structure (Selection Factory Forger III) Performantie (Performantie) Demoins in Structure (Selection Focure Agents) Performantie (Performantie) Configure agricute (Performantie) Configure agricute (Performantie) Configure agricute (Performantie) Configure agricute (Performantie) Configure agricute definatis defaurue (Performantie) <t< td=""><td>Configuration button to allow others to edit the</td><td>Create a New JMS System Module Resource</td><td></td></t<>	Configuration button to allow others to edit the	Create a New JMS System Module Resource	
Domain Structure Constructive Bending tructure Bend	Lock & Edit	Back Next Finish Cancel	
Domain Structure * Indicates required fields Fibritisationment * Indicates required fields Description * Indicates required fields What would you like to name your new connection factory? * Name: Name: Notify/DestQCF What would you like to use to look up your new connection factory? NDI Name: Pach Services What would you like to use to look up your new connection factory? JND Name: Notify/DestQCF The Connection Factory Subscriptions Sharing Policy Subscriptions Sharing Policy: Exclusive Immediates • Configure quotes for destinations (sysse) • Configure quotes for destinations (sysse) • Configure quotes for destinations (sysse) • Configure quotes for destination layse • Configure quotes for destinations (sysse) • Configure quotes for destinations (sysse) • Configure quotes for destinations (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) • Configure quotes for destination (sysse) </td <td>Release Configuration</td> <td>Connection Factory Properties</td> <td></td>	Release Configuration	Connection Factory Properties	
Factor 11 domain Betwinnent Betwinnent Be	Domain Structure		
Dependences What would youl like to name your new connection factory? ** Services ** Mane: MotifyDestQCF What XI/DI Name would you like to use to look up your new connection factory? ** MotifyDestQCF What XI/DI Name would you like to use to look up your new connection factory? ** MotifyDestQCF ** Connection Factory Subscription Sharing Policy: ** MotifyDestQCF ** Connection Factory Subscription Sharing Policy: ** Configure quotes for destinations Subscription Sharing Policy: Configure quotes for destination lays ** Clent ID Policy indicates whether more than one IMS connection can use the same Clent ID. Oracle recommends setting the Clent ID Policy to Unrestricted if sharing durable subscripters. Configure quotes for destination lays ** Configure quotes	fçubs113_domain	" Indicates required helds	
Image: NatifyDestQCF What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? Preside Servers Preside Servers Preside Servers What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? What XIDD Name would you like to use to look up your new connection factory? Configure topics Configure topics	Deployments	What would you like to name your new connection factory?	
Image: Store-and-Forward Agents Image: Agents Agents Agents Image: Agents Agents Agents Image: Agents Agen	Messaging	* Name: NotifyDestQCF	
Horizon Secures Program JDL Providers Program JDL Provide	Store-and-Forward Agents	What JNDI Name would you like to use to look up your new connection factory?	
Program 2010 Providers Work Contexts The Connection Factory Subscription Sharing Policy Subscriptions can be used to control which subscriptors can access new subscriptions. Should subscriptions created using this factory be sharable? Subscription Sharing Policy: Exclusive v The Connection Factory Subscription Sharing Policy: Exclusive v The Configure quitas for destinations Configure quitas for destinations Configure quitas for destinations Configure topics Configure topics Configure topics Configure guitas Configure foreign serves Configure foreign serves Configure foreign serves Configure TMS templets Configure TMS templets Configure TMS templets Configure TMS templets Configure topics Configure foreign serves Configure TMS templets Configure foreign serves Configure TMS templets Configu	Bridges	JNDI Name: NotifyDestQCF	=
Image: How do Lu. Subscription Sharing Policy: Exclusive III Configure quotes for destinations Configure quotes for destinations Exclusive IIII Configure topics Configure topics Restination keys Configure quotes for destinations Configure topics A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit? Configure UNES AFF Haximum Hessages per Session: 10 Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics? Should this connection factory: System Status Back Heat Finah Cancel Back Heat Finah Cancel	Persistent Stores	The Connection Pactory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sharable?	
International The Clent ID Policy indicates whether mire than one 3M2 connection can use the same Clent ID. Oracle recommends setting the Clent ID Policy would you like to use? Configure ductasion Configure ductasion Configure ductasion Exercision Configure ductasion A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit? Configure foreign servers Configure foreign servers Configure ductasion Foold this connection factory create sessions that are JTA anare, and create XA queues and XA topics? System Status Final Back Kext Health of Running Servers Final	Work Contexts	Subscription Sharing Policy:	
Configure 2MS templates Configure 2MS templates Configure 2MS templates Configure destination keys Configure quiese Configure 2MS SAF Should this connection factory call limit the number of messages that are JTA aware, and create XA queues and XA topics? Should this connection factory tenabled System Status Health of Running Servers	100 00 1		
Configure deviation rays Image: Configure deviation rays Configure quotes A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit? Configure uniform distributed quotes A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit? Configure uniform distributed quotes Image: Configure quotes Configure uniform distributed quotes Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics? Configure inform Servers Image: Cancel System Status Back Heath of Running Servers Image: Cancel	Configure JMS templates	Client ID Policy:	
Configure queues Configure queues Configure uniform distributed topics Configure uniform distributed topics Configure uniform distributed topics Configure IMS SAF Configure IMS SAF Configure IMS safe Configure IMS safe safe safe safe safe safe safe safe	Configure destination keys Configure topics		
Configure uniform distributed queues Configure uniform distributed queues Configure uniform distributed queues Configure 3MS SAP System Status Health of Running Servers	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 uniform distributed queues Configure foreign servers Configure TMS SAF Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics? XA Connection Factory Enabled Back Next Finish Cancel Health of Running Servers		Maximum Messages per Session: 10	
Configure foreign servers Configure JMS SAF XA Connection Factory Enabled System Status Back Next Ensin Cancet Health of Running Servers	Configure uniform distributed queues	Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
System Status Back Next Finish Cancel Health of Running Servers	Configure foreign servers		
Health of Rumning Servers	Configure JMS SAF	✓ XA Connection Factory Enabled	
	System Status	Back Next Finish Cancel	
Faled (0)	Health of Running Servers		
Critical (0) Overloaded (0)			
	Done	🚺 I oral 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 Reso	source - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻	×
G · ktp://10.184.74.143:8888/co	ansole/cansole.partal?JmsCreateSystemMaduleEntityPartlet_actionOverride=/cam/bea/cansole/actions/ims/cannection/createjmscannectionFactory/ 🕶 🚱 🔀 Google Powered Pandon Search 👘	• •
Ele Edit View Favorites Tools Help McAfee /		
🚖 🎄 🌈 Create a New JMS System Module I	Resource - foubsil 🚺 🔹 👼 🔹 🔂 2000 + 🔘 1008 :	• *
	Administration Console	^
Change Center	😭 Home Log Out Preferences 🖾 Record Heb	n
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 Ilew JMS System Hodule Resource	
Lock & Edit	Back Next Finish Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113 domain	Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then click Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Environment Deployments Services	The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.	
⊡-Messaging JMS Servers Store-and-Forward Agents	Targets :	
····JMS Modules	Servers	
Bridges Data Sources	✓ ManagedServer1	
Persistent Stores		
Work Contexts	Back Next Finish Advanced Targeting Cancel	
How do I		1
Configure quotas for destinations		
Configure JMS templates Configure destination keys		
Configure topics		
Configure queues		
Configure connection factories		
Configure uniform distributed topics		
Configure uniform distributed queues Configure foreign servers		
Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		~
Done	Succel intranet 🕄 100%	•

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

🖉 Create a New JMS System Module Reso	purce - fcubs113_domain - WLS Console - Windows Internet Explorer
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Ele Edit View Favorites Iools Help • McAfee /	
😭 🏘 🌈 Create a New JMS System Module P	Resource - foubsil
ORACLE WebLogic Server®	Administration Console
Change Center	🏦 Home Log Out Preferences 🔤 Record Help 📃 🔍 Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource
Lock & Edit	Back Next Finish Cancel
Release Configuration	The following properties will be used to target your new JHS system module resource
Domain Structure fcubs 113_domain	Use this page to which a wildowignment to assign this system module resource. A subdedingment is a mechanism by which 3% resources are grouped and targeted to a server instance, durater, or SAB agent. The research, you can realt a new subdegingment by clicing the Create a New Subdegiogment button. You can also reconfigure subdegiogment targets later by using the parent module's subdegiogment management page.
I──Deployments B−Services D−Messaging	Select the subdeployment you want to use. If you select (none), no targeting will occur.
JMS Servers Store-and-Forward Agents	Subdeployments: FCUBS V Create a New Subdeployment
····JMS Modules ····Path Services	What targets do you want to assign to this subdeployment?
🕀 Bridges	Targets :
Data Sources Persistent Stores	
Foreign JNDI Providers Work Contexts	Servers
How do L	AnnagedServer1
Configure quotas for destinations	JMS Servers
Configure JMS templates	
Configure destination keys Configure topics	CUBS_JMSServer
Configure queues	
Configure connection factories	Back Next Finish Cancel
Configure uniform distributed topics	
Configure uniform distributed queues	
Configure foreign servers	
Configure JMS SAF	
System Status	
Health of Running Servers	
Failed (0)	
Critical (0)	
Overloaded (0)	
Done	Succel Intranet 🔍 100% 🔹

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



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

Settings for FCUBS_SystemModule - fcu	ubs113_d	lomain - WLS Console - 1	Windows	Internet Expl	orer				- 6
😋 🕞 👻 http://10.184.74.143:8888/con:	sole/console	.portal?_nfpb=true&_pageLal	oel=JMSSy:	stemModuleConfi	gGeneralPage		v 47 🗙	Google Powered Pandion Search	P
<u>Elle E</u> dit <u>Y</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp ⊙ McAfee /									
😭 🍄 🏀 Settings for FCUBS_SystemModule -	fcubs113_d	lomai					<u>.</u>	• 🔊 - 🖶 • 🕞 Page • (🐊 T <u>o</u> ols 🔻
	Administra	ation Console							Q
Change Center	🟦 Home Log Out Preferences 🖾 Record Help						Welcome, v	veblogic Connected to: fcubs113	_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SystemModule								
Pending changes exist. They must be activated to take effect.	Message	- 1							
Activate Changes	🖋 Cor	nnection factory created succe	ssfully.						
	Settings	s for FCUBS_SystemModul	e						
Undo All Changes	Config	uration Subdeployments	Targets	Security Not	tes				
Domain Structure		II							
fcubs113_domain -Environment -Deployments	This p	age displays general informati	on about a	JMS system modu	le and its resource	s. It also allows you to configure	new resources and access existing res	ources.	
G-Services	Name:	Name: FCUBS_SystemModule The name of this					The name of this JMS system modul	e. More Info	
JMS Servers Store-and-Forward Agents JMS Modules Path Services	This p	Descriptor File Name: jms/FCUBS_SystemModule-jms.xml The name of the This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, foreion servers, and store-and-forward parameters.					The name of the JMS module description of the sector optic destinations, connection factories,		ıs,
B-Bridges Data Sources Persistent Stores Foreign JNDI Providers Work Contexts	Customize this table Summary of Resources								
How do I	New							Showing 1 to 2 of 2 Previous	Next
Configure JMS system modules		Name 😞		Туре		JNDI Name	Subdeployment	Targets	
 Configure subdeployments in JMS system modules 								-	
Configure resources for JMS system modules		NotifyDestQCF		Connection Fac	tory	NotifyDestQCF	FCUBS	FCUBS_JMSServer	
System Status		NOTIFY_DEST_QUEUE		Queue		NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
Health of Running Servers	New	Delete						Showing 1 to 2 of 2 Previous	Next
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0)									
OK (2)									

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



The following screen will be displayed.

Settings for NotifyDestQCF - fcubs113	_domain - WLS Console - Windows Internet Explorer							
😳 🕞 🔻 🔊 http://10.184.74.143.8888/console/console.portal?_nfpb=true&_pageLabel=.M5ConnectionFactorygeneralTabPage&handle=com.bea.console.handles.JMXHandle%28%22com 💟 🐓 🗶 Google Powered Pandon Search 🛛 🔎 🗸								
Elle Edit View Favorites Iools Help O McAfee								
🚖 🕸 🏉 Settings for NotifyDestQCF - fcubs:	13_domain - WL5	🛐 🔹 🗟 👘 🖶 Page = 🎯 Tools = 🎽						
	Administration Console	Q						
Change Center	🟦 Home Lag Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Nodules >FCUBS_SystemModule >NotifyDeetQCF >FCUBS_SystemModule >NotifyDeetQCF							
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF							
Activate Changes	Configuration Subdeployment Notes							
Undo All Changes	General Default Delvery Client Transactions Flow Control Load Balance Security							
Domain Structure	Save							
fcubs113_domain Fenvironment Copployments Generatives	Use this page to define the general configuration parameters for this JMS connection factory, which inclu	udes various client connection, default delivery, load balancing, and security parameters.						
Services Hessaging Horizontal Servers	1 Name: NotifyDestQCF	The name of this JMS connection factory. More Info						
Store-and-Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a dustered JNDI namespace. More Info						
	☐ d Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More info						
Foreign JNDI Providers	Advanced							
How do I	Save							
Configure connection factories								
Sustan Status								
System Status								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

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

C Settings for NotifyDestQCF - fcubs113_	_domain - WLS Console - Windows Internet Explorer	BX					
🔆 🐑 🔊 👔 http://10.164.74.14388888/corosele/consele.portal?_rfpb=trues_pageLabel=3M5ConnectionFactorytansactionparamsTaPFage8handle=com.bea.consele.handes.3M94ndee%; 🛩 😽 🗙 Google Powered Parlon Search 👔 🖉							
Eile Edit View Favorites Tools Help							
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1:	113_domain - WL5 👘 🔹 🔂 🐑 🖶 🔹 🔂 2000 🕶 🙆 Too	ils •					
	Administration Console	\geq					
Change Center	🏦 Home Log Out Preferences 🖾 Record Help 🛛 🔍 Welcome, weblogic Connected to: fcubs113_dom	ain					
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						
Foubsill_domain ▲ DF-Environment ▲ →Deployments ● ● Services → → MS Services → → MS Services → → MS Services ■	Lize this page to define the transaction configuration for this 345 connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create sessions that are JTA user-transaction aware. Transaction Timeout: Transaction Timeout: 3600 The timeout value (in seconds) for all transactions on connections created with this connection factory. More Enfo More Enfo Connection Factory Enabled This defines the transaction factory is returned, instead of aqueue or XA topic connection factory is returned, instead of aqueue or XA topic connection factory is returned.	 1					
How do L.	be used to create an XAComection, which in turn may be used to create an XACession, which in turn may be used to create an XACession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info						
Configure connection factories		_					
System Status							
Health of Running Servers							
Failed (0)							
Critical (0) Overloaded (0)							
Warning (0)							
OK (2)							



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

C Settings for NotifyDestQCF - fcubs113	_domain - WLS Console - Windows Intern	et Explorer							
🚱 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=JMSC	onnectionFactorytransactionparamsTabPage&h	andle=com.bea.console.handles.JMXHandle% 💙 🗲 🗙 Google Powered Pandion Search 🛛 🔎 🔹						
Ele Edit View Favorites Tools Help									
🚖 🕸 🌈 Settings for NotifyDestQCF - fcubs	13_domain - WLS		🟠 🔻 🔂 🝸 🖶 Bage 🛪 🎯 Tools 🗝 🎽						
	Administration Console		Q						
Change Center	🔒 Home Log Out Preferences 🔤 Record H	elp 🔍	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts	Home > FLEXTEST.WORLD > Summary of JMS Ser Modules > FCUBS_SystemModule > NotifyDestQCF	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SvstemModule >NotifyDextOCF >FCUBS SvstemModule > NotifyDextOCF							
Pending changes exist. They must be activated to take effect.	Messages Settings updated successfully.								
Activate Changes Undo AF Changes Configuration Studeownert Notes									
Domain Structure fcubs 13_domain ⊕ Environment ├──Deployments ⊖-Services ⊡-McSServers └──NS Servers └──NS Servers	Save		curity define a transaction time-out value, and also indicate whether an XA queue or XA topic connection						
Honore Contraction Honore Contraction Honore Contraction Contract	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	🗹 🐠 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 oreste an XAConnection, which in turn may be used to oreate an XASession, which in turn may be used to orbain an XAResource for use inside a transaction meaner. Wore Ifon.						
How do I • Configure connection factories	Save								
System Status									
Health of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0) OK (2)									
0(2)									

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

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

Settings for NotifyDestQCF - fcubs113	3_domain - WLS Console - Windows Internet Explorer							
🗿 🕤 👻 http://10.184.74.143:8888/co	onsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_	pageLabel=JMSConnectionFactor 💌 🐓 🗙 Google Powered Pandion Search 🛛						
Eile Edit Yiew Favorites Tools Help © McAfee /								
🖌 🎶 🌈 Settings for NotifyDestQCF - fcubs	s113_domain - WL5	🏠 👻 🗟 🕤 🖶 Page 🗸 🎯 T <u>o</u> ols						
	Administration Console	Q						
Change Center	🚹 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domai						
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SystemModule >NotifyDextQCF >FCUBS SystemModule >NotifyDextQCF							
Click the Lock & Edit button to modify, add or Edeta tiers in this domain. Lock & Edit Unities in this domain.								
Release Configuration	Settings for NotifyDestQCF							
Release configuration	Configuration Subdeployment Notes							
Domain Structure fcubs 113_domain	General Default Delivery Client Transactions Flow Control Load Balance Security							
Environment	Click the Lock & Editbutton in the Change Center to modify the settings on this page.							
-Services	Save							
Hessaging Hessaging								
B-Bridges Data Sources Persistent Stores	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More $Info\ldots$						
How do I	🕑 🍓 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 XACession, which in turn may be used to obtain an XAREsource for use inside						
Configure connection factories	Save	a transaction manager. More Info						
System Status								
Health of Running Servers	Cick de zoek e zoe duttor in die change center to nouny die setungs on dis page.							
Failed (0)								
Critical (0)								
Overloaded (0) Warning (0)								
OK (2)								

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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		🔳 🗖 🔳				
🚱 🕤 👻 http://10.184.74.143:8888/coi	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1	Google Powered Pandion Search					
Ele Edit Yiew Favorites Iools Help • McAfee // •							
😭 🏟 🏀 Home Page - fcubs113_domain - W	LS Console		🏠 🔻 🔝 🝸 🖶 🕈 🔂 Page + 🎯 Tools + 🎽				
	Administration Console		Q 📤				
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts Home > Summary of JMS Servers > Summary of JDBC Data Sources > PLDTETS / WORD D- Summary of JMS Servers > JMS Models > NetSP-begger > PLDTETS / WORD Class 11.2, demain							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.							
Lock & Edit	- Information and Resources						
	Helpful Tools	General Information					
Release Configuration	Configure applications	 Common Administration Task Descriptions 					
	 Configure GridLink for RAC Data Source 	 Read the documentation 					
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 					
fcubs113 domain	 Set your console preferences 	 Orade Guardian Overview 					
Deployme fcubs113_domain	- Domain Configurations						
E-Messaging	Domain	Services	Interoperability				
JMS Servers	Domain	Messaging	WTC Servers				
Store-and-Forward Agents		 JMS Servers 	Jolt Connection Pools				
Path Services	Environment	 Store-and-Forward Agents 					
⊞-Bridges	Servers	 JMS Modules 	Diagnostics				
Data Sources	Clusters	 Path Services 	Log Files				
Persistent Stores	Virtual Hosts	 Bridges 	Diagnostic Modules				
Foreign JNDI Providers Work Contexts	Migratable Targets	Data Sources	Diagnostic Images				
	Coherence Servers	Persistent Stores	Request Performance				
How do I	Coherence Clusters	XML Registries	Archives				
Search the configuration	Machines	XML Entity Caches	Context				
Use the Change Center	Work Managers	Foreign JNDI Providers	SNMP				
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts					
Change Console preferences		 jCOM 	Charts and Graphs				
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard				
Suntan Status	Deployments	 FileT3 					
System Status		• JTA					
Health of Running Servers	Your Application's Security Settings						
Failed (0)	Security Realms						
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



The following screen is displayed:

View Favorites Tools Help							
· / ·							
🗐 Settings for fcubs113_domain - fcubs113_domain	• W						🏠 🔹 🔝 🐇 🖶 Eage 🔹 🎯 To
LE WebLogic Server® Administra	tion Co	nsole					
nter 🕜 Home	Log Ou	t Preferen	ces 🔤 Ri	ecord Help	Welcome, weblogic Connected to: fcubs113_do		
yes and restarts Home >5 Modules	Home >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JM Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain						>Summary of JMS Servers >JMS (CF >fcubs113_domain
hanges exist. Click the Release n button to allow others to edit the Settings	for fcub	s113_dor	nain				
Lock & Edit	ration	Monitorin	g Contro	Security	Web Serv	ice Security	tes
	ATL I	JPA I	EJBs We	b Applications	Logging	Log Filters	
Save							
ucture							
		lection of \	VebLogic Si	erver instance:	s that is man	aged by a sin	dministration Server. Use this page to configure administrative options that apply to all servers in the current
domain ents	·						
* Indicate	es require	d fields					
aging	a require	o neros					
MS Servers tore-and-Forward Agents * Name MS Modules	* Name:					fcubs113	ain The name of this WebLogic Server domain. More Info
ath Services ridges Env Sources stent Stores	able Adr	ninistrati	on Port				Specifies whether the domain-wide administration port should be enabled for this Weblog: Server domain. Because the administration port uses SSL, enabling the administration port regions: that SSL must be configured for all servers in the domain. More Info
Gontexts Admini	stration	Port:				9002	The common secure administration port for this WebLogic Server domain. (Requires you to enable the administration port.) More Info
	duction	Mode:				true	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More Info
itus 🗉	Enable	Exalogic	Optimizat	ions			Specifies intellifer proteinstant for Orade Easility should be enabled. Specifies in the off more of the said near point what is the enabled and reduced lob contention. This attribute should be a hidder only inter- configura in Web age down for Orade Easility. For more information, see "Enabling Exaligo-Specific Enhancements in Orade Web ago, Server 11g Release 1 (01.3.4)" in the Orade Easilogic Department Guide. New Inform.
		Cluster C	onstraint	,			Specifies that deployments targeted to a cluster succeed only if all servers in the cluster are running. More Info
	Enable						
Failed (0) 6 Critical (0) 0 Overloaded (0) Ø Warning (0) Ø		on-dema	nd deploy	ment of inte	rnal applic	ations	Specifies whether internal applications such as the console, uddi, wistestituen and uddiexplorer are deployed on demand (first access) instead of during server startup. More Info
Failed (0) Image: 6 general state stat	Enable		nd deploy ardian Ag		rnal applic	ations	and uddiexplorer are deployed on demand (first access) instead of during
Failed (0) Image: 6 general state stat	Enable Enable				rmal applic	ations	and uddiexplorer are deployed on demand (first access) instead of during server starbup. More Info Specifies whether the Guardian Agent is deployed when starting servers in th



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

Z= settings for reubsitis_domain - reubsit	rs_domain - wits console - windows internet explorer						
🧿 🕘 🔹 👔 http://10.184.74.143.88880/crosole.corsole.portal?_rfpb=true8_paget.abel=DomainCorfigWebAppPage8DomanCorfigWebAppPartethande=com.bas.corsole.handes.J#04ref 💙 🚱 🔀 🛇 🚱 Powered Pandon Saerch 👘 🖉							
Ele Edit View Favorites Tools Help McAfee // -							
🚖 🏟 🌈 Settings for fcubs113_domain - fcub	s113_domain - W	🏠 🔹 🗟 🐇 📑 🖓 Page 🔹 🎯 Tools 🔹					
	dministration Console	Q					
Change Center	A 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 > F 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						
Deployments							
	Use this page to define the domain-wide Web application configuration settings.						
···JMS Servers ···Store-and-Forward Agents ···JMS Modules ···Path Services El-Bridges	🗌 🦺 Relogin Enabled	Beginning with the 9.0 release the FORMBASIC authentication behavior has been modified to conform strictly to the 2025 Specification. If a user has logged-th bit does not have privilege to access a resource, the 403 (PCREIDDER) page will be returned. Turn the flag on to enable the add behavior, which was to return the user to the loggin form. More infin					
"-Data Sources "-Persistent Stores "-Foreign JNDI Providers "-Work Contexts Work Contexts	de Allow All Roles	In the security-constraints elements defined in a Web application's web.xml decloyment descriptory, the auth-constraint element indicates the user roles that should be permitted access to this insolution calcitors, here role role- per vocus releases, role-name = "" may trained as all user sphere defined in the releast. This permetter as abounder compatibility workhol restarte of di					
Deploy Web applications Stop deployed Web applications Delete Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in webiogic.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 backward compatibility flag. Until version 8.1, WebLogic Server applied ServietFilters (if configured for the Web application) on request dispatches (and indudes/forwards). Servlet 2.4 has introduced the 'Dispatcher' element					
Health of Running Servers		to make this behavior explicit. The default value is Dispatcher=REQUEST. In order to be complaint with the J2EE specification, the default value for					
Failed (0)		FilterDispatchedRequestEnabled is False beginning with WebLogic Server 9.0. Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then WebLogic Server automatically uses					
Critical (0) Overloaded (0)		FilterDispatchedRequestsEnabled = true for the Veb applications, unless filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml.					
Warning (0)		This means that old applications will work fine without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration					
OK (2)		plugin automatically sets this flag to true. More Info					
	Overload Protection Enabled	This parameter is used to enable verticated or votaction in the vertapop container operated to memory conditions. When a low memory situation occurs, new session creation attempts will result in webligic-service.SessionCreatorException. The application code needs to catch this exception and take proper action. Alternatively appropriate error- pages can be configured in web.and against					
Done		Scal 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:

ORACLE 7-57

Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer								
🚱 😜 🔹 👔 http://10.184.74.143.8888jc.nosele/consele.portal?_nfpb=true8_pageLabel=DomanConfigWebAppPageShandle=com.bea.consele.handles_X904handle%28%22com.bea%304ba 🔤 🔄 🛠 🔀 Coogle Powered Pandon Search 🖉 🖉								
Elle Edit View Favorites Iools Help © McAftee]								
😭 🕸 🍘 Settings for fcubs113_domain - fcubs1	113_domain - W	🛐 🔹 🖾 👘 🖶 Bage 👻 🎯 Tools 👻						
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info						
	UebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info						
	✓ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info						
	☑ dE Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info						
	UKAP Enabled	Indicates whether the session ID should include JIM information. (Checking this box may be necessary when using URL rewriting with WAP devices that limit the size of the URL to 12 datacters, 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 walts between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info						
	Maximum Post Time: -1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info						
	Maximum Post Size: .1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More Info						
	☑ Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info						
	d∰ P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info						
	✓ d ² 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 ob specification. This property exists for backward compatibility. More Info						
	✓ dE Archived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info						
	Save							



🖉 Settings for fcubs113_domain - fcubs11	3_domain - WLS Console - Windows Internet Explorer	- C 🖾				
🚱 🕙 💌 🔊 http://10.184.74.143:8888/console/console.portal?_rfpb=true8_pageLabel=DomainCorfigWetAppPage8handle=com.bea.console.handles.3WkHandle%28%22com.bea%3ANs 💌 🐓 🗶 😡						
Eile Edit Wew Favorites Tools Help						
😪 🏟 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🏠 👻 🔜 👻 🖶 Yage 🕶 🎯 T <u>o</u> ols 🗸 🂙				
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info				
	U 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				
	 · 人告 Change Session ID On Authentication 	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info				
	UWAP Enabled	Indicates whether the session ID should include JVM information. (Checking this box may be necessary when using URL rewriting with VAP devices that limit the size of the URL to I26 characters, and imay 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 <u>More Info</u>				
	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				
	借 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				
	図 個目 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2.0 specification. This property exists for backward compatibility. More Info				
	✓ 借 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	
	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHand	ile%28%22com.bea%3ANa 💙 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔻
Ele Edit View Favorites Tools Help McAfee		
😪 🕸 🌈 Settings for fcubs113_domain - fcub	bs113_domain - W	🏠 🔹 🔂 👘 🖶 🖓 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 JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JM Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain	15
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings updated successfully.	
Undo All Changes	Settings for fcubs113_domain	
Undo Airchanges	Configuration Monitoring Control Security Web Service Security Notes	
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Fiters	
fcubs113_domain Fenvironment Deployments	Save	
E-Services -Messaging -MS Servers	Use this page to define the domain-wide Web application configuration settings.	
	🗌 👸 Relogin Enabled	Beginning with the 9.0 release the FORM/BASIC authentication behavior has been modified to conform shirtly to the 3252 Expectification. If a use has logged hild uses not have privileges to access a resource, the #G all provides the shirtly of the shirtly of the shirtly of the shirtly of the behavior, which was to return the user to the logn form. Hore Info
	🗌 🎼 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user roles that should be permitted access to this resource collection. Here role-name =
How do L 🖂 • Deploy Web applications • Stop deployed Web applications • Delete Web applications • Update run-time descriptors		*** as compact syntax for indicating all roles in the Web application. In previous relaxes, role-using = *** are treaded and autority roles defined of behavior. Leftault behavior is non required by the speci, meaning all roles defined in the valgapication. Take, the value defined in websing: unif (container descriptor > allow-all roles) bakes precidence (f set) over this value. Note this.
System Status	🗌 👸 Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a badward compatibility flag. Until version 8.1, WebLogic Server applied Servie/EFilters (if configured for the Web application) on request dispatches (and inducts/forward). Serviet 2.4 has introduced the "Dispatche" element
Failed (0)		to make this behavior explicit. The default value is Dispatcher=REQUEST. In order to be complaint with the JZEE specification, the default value for
Critical (0)		FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0. Note that if you are using old descriptors (meaning web.xml does not have
Overloaded (0)		version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestsEnabled = true for the Web applications, unless
Warning (0) OK (2)		filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml. 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 overfoad protection in the webapo container against low memory conditions. When a low memory situation accurs, new sension creation attempts all result in weblogic.cerviet.Session/CreationException. The application code needs to catch this exception and take proper action. Alternatively appropriate error-
Done		💟 i ocal intranet 🛛 🕀 100% 💌

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

7.5 Setup/Configure Mail Session in Weblogic

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

7.5.1 Creating JavaMail Session

To configure mail session, follow the steps below.



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

Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet Exp	lorer		
🗿 💽 💌 🔊 http://10.184.74.143:8888/console/console.portal?_r/sp=trues_paget.abel=MalMalSessionTablePage 🛛 🔽 🚱 🖉 🚱 😵			🖌 🗲 🗙 Google Powered Pandion Search	
Elle Edit View Favorites Tools Help				
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🏠 🔹 🖾 🔹 🖶 🔹 🔂 Page 🔹 🎯 Tgols 🔹 🏁
ORACLE WebLogic Server®	Administration Console			Q 🗠
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule >NotifyDestQCF >FCUI		nain >Summary of Mail Sessions	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions		,	
Lock & Edit Release Configuration	Protocol (SMTP)-capable mail servers on your networ	rk or the Internet.		essage Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have been configured in the current WebLogic Server domain. C diagents This page summarizes the mail sessions that have been configured in the current WebLogic Server domain. C diagents C diagents			
JMS Servers Store-and-Forward Agents JMS Modules Path Services BBridges				
Data Sources Persistent Stores	New Clone Delete			Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🗌 Name 🔅	Properties	JNDI Nar	ne
XML Registries		There are no ite	ns to display	
	New Clone Delete			Showing 0 to 0 of 0 Previous Next
How do I				
Configure access to JavaMal Target mail sessions Delete mail sessions System Status Fald(0) Critical (0) Overloaded (0) Warning (0) OK (2)				

2. Click 'Lock & Edit'.

Summary of Mail Sessions - fcubs113_	domain - WLS Console - Windows Internet	Explorer			BX
😋 🕒 👻 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=MailMailS	5essionTablePage		Google Powered Pandion Search	. م
Elle Edit View Favorites Tools Help					
🚖 🔅 🏉 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🐴 🔹 🔝 👘 🖶 🔛 Bage 🕶 🎯 Tgo	ls• '
ORACLE WebLogic Server®	Administration Console			Ģ	D 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	P Q		Welcome, weblogic Connected to: fcubs113_dom	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST Modules >FCUBS_SystemModule >NotifyDestQCF >	WORLD >Summary of JMS Servers >JMS FCUBS_SystemModule >NotifyDestQCF >fcubs113_do	main >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 ne	twork or the Internet.		Internet Message Access Protocol (IMAP)- and Simple Mail Transfer	
Domain Structure	This page summarizes the mail sessions that hav	e been configured in the current WebLogic Server	domain.		
Hessaging JMS Servers SMS Servers SMS Servers SMS Modules Path Services BB Bridges	Customize this table Hall Sessions Click the Lock & Editbutton in the Change Center 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 XML Entity Caches		There are no it	ems to display		
Mail Sessions	New Clone Delete			Showing 0 to 0 of 0 Previous Next	
How do I					
Configure access to JavaMal Target mail sessions Delete mail sessions System Status Faled (0) Critical (0) OveTodade (0) Warning (0)					
OK (2)					



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

🖉 Summary of Mail Sessions - fcubs113_	_domain - WLS Console - Windows Internet	Explorer		7 ×
🔆 💬 👻 🕅 http://10.194.74.143.8888/console.				. م
File Edit View Favorites Tools Help				
😭 🏟 🔾 Summary of Mail Sessions - fcubs11	13_domain - WLS C		🟠 👻 📾 👻 🔂 🖓 Page 🕶 🎯 T <u>o</u> ok	5 - '
	Administration Console		Q	2
Change Center	🔒 Home Log Out Preferences 🔤 Record Hel	lp Q	Welcome, weblogic Connected to: fcubs113_doma	ain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST	T.WORLD >Summary of JMS Servers >JMS >FCUBS_SystemModule >NotifyDestQCF >fcubs113_do	main Summany of Mail Sections	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Mail Sessions			į.
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the JavaWail APPS, which provide applications and other J2EE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer			
Domain Structure	1			
P-Messaging ▲	Customize this table			
Store-and-Forward Agents JMS Modules	Mail Sessions (Filtered - More Columns Ex	iist)		
Path Services	New Clone Delete		Showing 0 to 0 of 0 Previous Next	
Bridges Data Sources	□ Name ↔	Properties	JNDI Name	
Persistent Stores				
Foreign JNDI Providers		There are no ite	ems to display	
Work Contexts	New Clone Delete		Showing 0 to 0 of 0 Previous Next	
XML Entity Caches				
јСОМ				
Mail Sessions	1			
How do I	1			
Configure access to JavaMail				
Target mail sessions				
Delete mail sessions				
	1			
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				
0.1(2)	d			

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/cons	sole/console.portal?_nfpb=true&_pageLabel=MailCreateMailSession	Google Powered Pandion Search
Eile Edit View Favorites Tools Help		
😭 🕸 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 🔹 🔂 👘 🖶 🍷 📴 Page 👻 🎯 Tools 🗸 👋
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain >Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Mail Session Properties	
	The following property will be used to identify your new mail session.	
Domain Structure fcubs113 domain	* Indicates required fields	
P-Environment	What would you like to name your new mail session?	
Deployments	What would you like to hame your new mail session?	
⊖-Services ⊖-Messaging	*Name: ECUBSMailSession	
JMS Servers	1 ODDOWANO685101	
Store-and-Forward Agents	A * JNDI Name: mail/ECUBSMail	
····JMS Modules	資 * JNDI Name: mail/FCUBSMail	
Path Services		
Bridges Data Sources	🚱 JavaMail Properties:	
Persistent Stores	mail.host=stbeehive.oracle.com	
Foreign JNDI Providers	mail.smtps.debug=true mail.smtps.bort=smtps	
Work Contexts	mail.smtps.port-Smtps	
How do I	mail.smtps.host=stbeehive.oracle.com	
Configure access to JavaMail		
Target mail sessions	Back Next Finish Cancel	
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		
UK (2)		
·		



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

Name

FCUBSMailSession

JNDI Name

mail/FCUBSMail

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

Java Mail Properties

mail.host=<HOST_MAIL_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS_SERVER_PORT>

Eg: 1010

mail.transport.protocol=<MAIL_TRANSFER_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST_SMTPS_MAIL_SERVER>

Eg: samplename.mail.com

6. Click 'Next'.



The following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer	
😋 🕤 👻 http://10.184.74.143:8888/con	sole/console.portal?MailCreateMailSessionPortlet_actionOverride=/com/bea/console/actions/mail/createmailsession/deployTargets	Google Powered Pandion Search
Elle Edit Yiew Favorites Iools Help • McAfee •		
🚖 🎄 🌈 Create a New Mail Session - fcubs11	3_doman - WLS	🏠 🔹 🔝 👘 🖶 🔛 Page 🔹 🎯 Tools 🗸 🍟
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotfyDestQCF >FCUBS_SystemModule >NotfyDestQCF >fcubs113_domain > Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Mail Session Targets	
Domain Structure	This page indicates on which WebLogic Server instances or clusters the mail session is accessible. Only applications that have been deploy	ed to the selected servers or clusters can use this mail
fçubs113_domain	session.	
Environment Compared to the second	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ens fails for all active servers.	ures that if the deployment fails for one active server, it
Services		
⊟-Messaging	Servers	
	Servers	
··· JMS Modules	AdminServer	
Path Services ⊡-Bridges		
** Data Sources	ManagedServer1	
***Persistent Stores		
Foreign JNDI Providers Work Contexts	Back Next Finish Cancel	
How do I		
Configure access to JavaMal		
Target mail sessions		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

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

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



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

🖉 Summary of Mail Sessions - fcubs113_domain - WLS Console - Windows Internet Explorer			
🚱 🕞 🔻 🕅 ktp://10.184.74.143.88889/console/console.portal?_r/pb=-trues_paget.abel=MalMalSessionTablePage			
Ele Edit View Fayorites Iools Help O McAfee /			
😭 🏟 🌈 Summary of Mail Sessions - fcubs113_domain - WLS C	🖄 👻 📾 👻 🔂 Eage + 🎯 Tgols +		
ORACLE WebLogic Server® Administration Console	Q		
Change Center Mome Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts Home > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summ Modules > FCUBS_System/Module > NotifyDextOCF > FCUBS_System/M	ary of JMS Servers >JMS odule >NotflyDestQCF >fcubs113 domain > Summary of Mail Sessions		
Pending changes exist. They must be activated Messages			
Activate Changes Mail session created successfully.			
Undo All Changes Summary of Mail Sessions			
Mal sessions facilitate the process of using the JavaMail APIs, with Messaging Messaging Messaging Messages Messages Mal sessions facilitate the process of using the JavaMail APIs, with Protocol (SMTP)-capable mail servers on your network or the Int This page summarizes the mail sessions that have been configure Protocol SMTP)-capable mail servers Protocol SMTP)-capable mail servers on your network or the Int This page summarizes the mail sessions that have been configure Protocol SMTP)-capable mail servers Protocol SMTP)-capable mail servers on your network or the Int This page summarizes the mail sessions that have been configure Protocol SMTP)-capable mail servers Protocol SMTP)-capable mail servers			
-Data Sources Mail Sessions			
Persistent Stores Foreign JNDI Providers	Showing 1 to 1 of 1 Previous Next		
Work Contexts Wark Contexts With Registries Name ↔ Properties	JNDI Name		
	rt=smtps mail.smtps.host=stbeehive.orade.com mail.smtps.debug=true mail.host=stbeehive.orade.com mail/FCUBSMail		
Mail Sessions	Showing 1 to 1 of 1 Previous Next		
How do I			
Configure access to JavaMai Target mail sessions			
Delete mail sessions			
System Status			
Health of Running Servers			
Faied (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

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

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

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

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





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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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