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

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

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

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

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

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

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



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

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

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

3.1.1 Creation of Self-signed Certificate

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

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

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

In the above command,

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

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

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



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

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

Example

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

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



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

3.2.1 Creation of Public and Private Key Pair

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

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

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

In the above command,

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

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

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



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

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



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

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

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



5. Setting SSL attributes for Managed Servers

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

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

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



6. Testing Configuration

6.1 **Testing Configuration**

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

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

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



7. Creating Resources on Weblogic

7.1 Introduction

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

7.2 **Resource Administration**

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

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

7.2.1 Creating Data Source

>

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

7.2.1.1 Prerequisites

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

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

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

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

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

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

• Oracle Weblogic on Unix/Linux Box:



> Set {ORACLE_HOME} in the environment variable.

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

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

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

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

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

7.2.1.2 XA Enabled Data Source

Follow the steps given below:

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

http://10.10.10.10:1001/console

🔮 Oracle WebLogic Server Administration Console - Mozilla Firefox		_ 8 ×
Ele Edit View Higtory Bookmarks Tools Help		
🔇 🕑 C 🗙 🏠 📄 http://10.10.10.1001/console/login/LoginForm.jsp	→ - Goo	gle 🔎
🧟 Most Visited 📄 Aria 📄 Account Request 📄 CRM Tickets 📄 My Oracle 📄 Network Request 📄 Software		
🗋 Oracle WebLogic Server Administrati		-
ORACLE WebLogic Server Administration Console 12c		
	Welco	me
	Log in to work with the WebLogic	Server domain
	Username:	
	Password:	
		Login

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



3. Navigate to Oracle Weblogic home page.

A A A A A A A A A A A A A A A A A	console/console.portal?_nfpb=true&_pageLabel=HomePage1		Google Powered Pandion Search
le Edit View Favorites Tools Help			
McAfee			
r 🔅 🍘 Home Page - fcubs113_domain -	WLS Console		🟠 🔹 🔜 🕤 🖶 Page + 🎯 T <u>o</u> ok
			Ģ
hange Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_doma
view changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
cubs113_domain T-Environment	 Set your console preferences 	 Orade Guardian Overview 	
Deployments Services	- Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability	Domain	Messaging	WTC Servers
B 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
leur de T	Coherence Servers	Persistent Stores	Request Performance
low do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	Foreign JNDI Providers	 SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• jCOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
System Status	Deployments	 FileT3 JTA 	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Click 'LOCK & EDIT'.



Following screen is displayed:

Warning (0) OK (2)

	os113_domain - WLS Console - Windows Inte				_ 6
	onsole/console.portal?_nfpb=true&_pageLabel=http://1	0.184.74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSou	rc 💟 🐓 🗙 Google Powered Pandion Search	<u> </u>
le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /					
🎓 🎸 🏈 Summary of JDBC Data Sources - fi	cubs113_domain			🏠 🔹 🗟 👘 🖶 🔂 Page 🕶 🧔	Tools
	Administration Console				Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Hel	P		Welcome, weblogic Connected to: fcubs113_	domai
iew changes and restarts	Home >Summary of JDBC Data Sources				
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Summary of JDBC Data Sources				
lomain.	Configuration Monitoring				
Lock & Edit					
Release Configuration	A JDBC data source is an object bound to the JM	IDI tree that provides database co	nnectivity through a pool of JDBC connections. Applicat	ions can look up a data source on the JNDI tree and th	ien
	borrow a database connection from a data source	ce.			
omain Structure	This page summarizes the JDBC data source obje	ects that have been created in this	: domain.		
ubs113_domain					
Environment	Customize this table				
-Deployments -Services	Data Sources (Filtered - More Columns Ex	ict)			
B-Messaging	Data Sources (Filtered - Piore Columns Ex	ist)			
Data Sources	New V Delete			Showing 1 to 2 of 2 Previous 1	Vext
Persistent Stores		_			
Foreign JNDI Providers Work Contexts	Name 🗇	Туре	JNDI Name	Targets	
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
XML Entity Caches 	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Mail Sessions					
-File T3	New V Delete			Showing 1 to 2 of 2 Previous 1	lext
ow do I 🗏					
Create JDBC generic data sources					
Create JDBC GridLink data sources					
Create JDBC multi data sources					
Delete JDBC data sources					
Delete JDBC multi data sources					
ystem Status 🖂					
ealth of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					



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

nois/console.porcalnpb=crass_pagecabe=n	ittp://10.104.74.145.0000/cuisule/cuisule/	portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 🍟	← X Google Powered Pandion Search
fcubs113_domain			🟠 🔹 🔝 👘 👘 🐑 Bage 🕶 🎯 Tgols
Home - Summary of JDBC Data Sources Summary of JDBC Data Sources Configuration Monitoring A JDBC data source is an object bound to borrow a database connecton from a data	the JNDI tree that provides database conners	ectivity through a pool of JDBC connections. Applications ca	Connected to: fcubs113_domain
New V Delete	ins Exist)		Showing 1 to 2 of 2 Previous Next
Generic Data Source	Туре	JNDI Name	Targets
Multi Data Source			ManagedServer1
FCUBS 113Branch	Generic ji	dbc/fcjdevDSBranch	ManagedServer1 Showing 1 to 2 of 2 Previous Next
	Administration Console Administration Console Administration Console Home > Summary of JDBC Data Sources Summary of JDBC Data Sources Configuration A JDBC data source is an object bound to borrow a database connection from a dat This page summarizes the JDBC data sou Customize this table Data Source (Fifterd - Hore Colum Very OPERC GridLin Data Source PCUBS1139ranch	Administration Console Administration Console A more Lig Out Preferences Record Heb Hore > Summary of JDBC Data Sources Summary of JDBC Data Sources Configuration A JDBC data source is an object bound to the JNDI tree that provides database comborrow a database comection from a data source. This page summarizes the JDBC data source objects that have been created in this d Customize this table Data Source (Filtered - Hore Columns Exist) Multi Data Source Generic FCUBS1138rach Generic	Administration Console Administration Console Administration Console Administration Console We Hore > Summary of JDBC Data Sources Summary of JDBC Data Sources Configuration A JDBC Data Source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications ca borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in this domain. Customize this table Data Source (Filtered - Hore Columns Exist) Exerce Genetic Data Source Genetic Jdbc/fgdevDS FCUBS1138ranch Genetic Jdbc/fgdevDS FCUBS1138ranch Genetic Jdbc/fgdevDS FCUBS1138ranch

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

🖉 Create a New JDBC Data Source - fcubs113_domain - WLS Console - Windows Internet Explorer				
🚱 🗸 🖉 http://10.184.74.143:8888/cor	sole/console.portal?CreateGlobalJDBCDataSourcePortletreturnTo=GlobalJDBCDataSourceTablePage&GlobalJCBCDataSourceTablePage&Gl	DBCDataSourceTablePortlethandle=c 💌 🐓 🗶 Google Powered Pandion Search 🛛 🔎 🔹		
Elle Edit View Favorites Tools Help				
🚖 🚸 🌈 Create a New JDBC Data Source - f	cubs113_domain	🟠 👻 🗟 👘 🖶 Bage 🕶 🎯 Tools 👻		
ORACLE WebLogic Server®	Administration Console	Q 🔤		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	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	* Indicates required fields			
fcubs113_domain	What would you like to name your new JDBC data source?			
E-Services	4 * Name: FLEXTEST.WORLD			
Data Sources Persistent Stores Foreign JNDI Providers	What JNDI name would you like to assign to your new JDBC Data Source?			
Work Contexts	JNDI Name:			
XML Registries XML Entity Caches 				
How do I				
Create JDBC generic data sources	What database type would you like to select?			
Create LLR-enabled JDBC data sources	Database Type: Oracle Y			
System Status	Back Next Finish Cancel			
Health of Running Servers				
Failed (0)				
Critical (0) Overloaded (0)				
Warning (0)				
OK (2)				



7. Specify the following details:

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

8. Click 'Next'.

The following screen is displayed:

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

Click next.

	:ole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasourc	ces/createjdbcdatasource/selec 💙 🚱 🐹 Live Search
e <u>E</u> dit <u>Y</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
😵 🔛 🔻 🏀 Oracle WebLogic Server Adn	🤗 Create a New JDBC Data 🗙	🟠 🔹 🔝 👘 🖶 Bage 🕶 🎲 Tools
	dministration Console	Ģ
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_doma
liew changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources	
lo pending changes exist. Click the Release onfiguration button to allow others to edit the omain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Frieh Cancel Transaction Options You have selected an XA JDBC driver to use to create database connection in your new data source. The data	a prime will exposit clobal transactions and use the Thur Bhase Commit clobal
omain Structure	to there seecan an As-bob chere to be to best balacies contector in you new usus source. The back transaction protocol. No other transaction configuration options are available. Back, Next, Finish Cancel	a source will support global dansactions and use one intro-mase commit global
Derwomment Deptoyments Deptoyments Deptoyments Dervices Destructures Destructures Persistent Stores Persistent Stores Persistent Stores Torder, BQD Providers WMR Regettres WMR Regettres WMR Contexts WMR Contexts		
ystem Status		
ealth of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0)		

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



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet	t Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/con:	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_act	tionOverride=/com/bea/console/actions/jdbc/datasources/	reatejdbcdatasource/addC 💌 🐓 🔀 🛛 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Tools Help			
😭 🏟 🏈 Create a New JDBC Data Source - fo	rubs113_domain		🟠 🔹 🔝 🕤 🖶 Page = 🎡 Tools = 🎽
	Administration Console		Q 🖉
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source		
domain.	Back Next Finish Cancel		
Release Configuration	Connection Properties		
	Define Connection Properties.		
Domain Structure	What is the name of the database you would like to con	nect to?	
fcubs113_domain	Database Name:	KERDEV2	
B-Services B-Messaging	What is the name or IP address of the database server	?	
Data Sources	Host Name:		
Persistent Stores Foreign JNDI Providers		10.10.10	
Work Contexts	What is the port on the database server used to connect	ct to the database?	
XML Registries	Port:	1010	
jCOM Mail Sessions			
File T3	What database account user name do you want to use	to create database connections?	
How do I	Database User Name:	FCPB1121	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to creat	e database connections?	
	Password:	•••••	
System Status			
Health of Running Servers	Confirm Password:	•••••	
Failed (0) Back Next Fristi Cancel Overloaded (0) Concel Conc			
Warning (0)			
OK (2)			
·			

11. Click 'Next'.



The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	omain - WLS Console - Windows Internet Ex	cplorer control of the second s	
🕒 🕞 🗢 🙋 http:// 127.0.0.1 :7101/console	e/console.portal?CreateGlobalJDBCDataSou	rcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasourc	ces/cr 🔻 🗟 🐓 🗙 🔀 Google 🔗
× O McAfee /			
🚖 Favorites 🛛 👍 🔊 Web Slice Gallery	•		
Create a New JDBC Data Source - DefaultDe	omain		🛐 🔻 🖾 👻 🚍 🗮 👻 Page 👻 Safety 🕶 Tools 🕶 🛞 •
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔛 Reco	ord Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of JDBC Data Sources		
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New JDBC Data Source		
modify, add or delete items in this domain.	Test Configuration Back Next F	inish	
Domain Structure	Test Database Connection		
efaultDomain Finite Comment	Test the database availability and the co	nnection properties you provided.	
Deployments Services	What is the full package name of JDBC dri	ver class used to create database connections in the connection pool?	
Messaging	(Note that this driver class must be in the	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	What is the URL of the database to conne	ct to? The format of the URL varies by JDBC driver.	
···Coherence Clusters ···Work Contexts	URL:	jdbc:oracle:thin:@10.10.10	
XMI Renistries			
e do I	What database account user name do you	a want to use to create database connections?	
Create JDBC data sources	Database User Name:	FCPB1121	
Create LLR-enabled JDBC data sources	What is the database account password to	o use to create database connections?	
		enter the password in the Password field instead of the Properties field belo	
ystem Status	www.ror accure passivoro indragement,	cincal and possitive a in the Passition of Held Instead of the PTOPETUES Held DED	<i>''''</i>
lealth of Running Servers	Password:	••••••	
Failed (0) Critical (0)			
Overloaded (0)	Confirm Password:	•••••	
Warning (0)			
OK (1)	What are the properties to pass to the JD	BC driver when creating database connections?	
	Properties:		
	user=FCPB1121		
	What table name or SQL statement would	you like to use to test database connections?	
	Tast Table Name		

- 12. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver).
- 13. Specify the URL.

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

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

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

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



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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Intern	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								
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							
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 Ca	ancel						
Domain Structure	Test Database Connection							
fcubs113_domain	Test the database availability and the connection pr	operties you provided.						
Environment Deployments	What is the full package name of JDBC driver class us	ed to create database connections in the connection pool?						
-Services -Messaging -Data Sources	(Note that this driver class must be in the classpath o	f any server to which it is deployed.)		=				
Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver						
Work Contexts 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 (0)								
OK (2)	What are the properties to pass to the JDBC driver when creating database connections?							
	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/datasources/create	sjdbcdatasource/selec 🖤 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit View Favorites Tools Help McAfee /		
🚖 🎄 🌈 Create a New JDBC Data Source - f	fcubs113_domain	🏠 🔹 🗟 🔹 🖶 🗙 Page 🕶 🎯 Tgols 👻
ORACLE WebLogic Server®	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source	
domain.	Back Next Finish Cancel	
Release Configuration	Select Targets	
Release computation	You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source a later time.	will be created but not deployed. You will need to deploy the data source at
Domain Structure		
fcubs113_domain	Servers	
Deployments	✓ AdminServer	
⊕-Services ⊕-Messaging		
***Data Sources	ManagedServer1	
Persistent Stores Foreign JNDI Providers		
Work Contexts	Back Next Finish Cancel	
XML Registries		
јсом		
Mail Sessions		
How do L.		
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)		
UK (2)		

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

alopiayoa.							
Summary of JDBC Data Sources - fcubs	s113_domain - WLS Console - Windows Internet	Explorer					
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/con	🛛 http://10.104.74.143:8888/console/conso						
Ele Edit View Favorites Tools Help • McAfee /							
😭 🏘 🍘 Summary of JDBC Data Sources - fo	ubs113_domain			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Page 🔹 🎯 Tools 🔹 🎽			
	Administration Console			Q 🗠			
Change Center	🏠 Home Log Out Preferences 🖂 Record Help	٩	We	Icome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources						
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources						
Activate Changes	Configuration Monitoring						
Undo All Changes							
Undo All Changes	A JDBC data source is an object bound to the JNDI tre borrow a database connection from a data source.	e that provides database conr	ectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then			
Domain Structure	This page summarizes the JDBC data source objects th	at have been created in this d	omain				
fcubs113_domain							
Deployments	Customize this table						
Services B-Messaging	Data Sources (Filtered - More Columns Exist)						
Data Sources	New Y Delete			Showing 1 to 3 of 3 Previous Next			
Persistent Stores Foreign JNDI Providers			1	Showing 1 to 5 or 5 Previous Next			
Work Contexts	🔲 Name 🐵	Туре	JNDI Name	Targets			
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1			
JCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1			
File T3							
How do I	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer			
Create JDBC generic data sources	New ~ Delete			Showing 1 to 3 of 3 Previous Next			
Create JDBC GridLink data sources							
Create JDBC multi data sources							
Delete JDBC data sources Delete JDBC multi data sources							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



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

C Summary of JDBC Data Sources - fcubs	s113_d	omain - WLS Console	- Windows Internet Exp	lorer			- • •
G v ktp://10.184.74.143:8888/cor	nsole/con	sole.portal?_nfpb=true&_r	ageLabel=http://10.184.74.1	43:8888/console/console.	portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	😽 🗙 Google Powered Pandion Search	h 👂 -
Eile Edit View Favorites Tools Help							
O McAfee							
😤 🍄 🏉 Summary of JDBC Data Sources - fo	:ubs113_	domain				🟠 🔹 🔝 🝸 🌐 🔹 🔂 Bage 🔹	💮 Tools 👻
ORACLE WebLogic Server®	Admini	stration Console					Q
Change Center	<u>ه</u> ا	Home Log Out Preference	is 🔤 Record Help	٩	We	Icome, weblogic Connected to: fcubs11	L3_domain
View changes and restarts	Hor Mess	ne >Summary of JDBC Da	ta Sources				
Click the Lock & Edit button to modify, add or delete items in this domain.		-	ivated. No restarts are necess	ary.			
Lock & Edit	Sum	mary of JDBC Data Sou	rces				
Release Configuration	Con	figuration Monitoring					
fubs113_domain ▲ Bi-Environment →Dedoviments → Services → Services → Persistent Stores → Persistent Stores → Persistent Stores → Toreign JPUT Providers → Work Contexts → WAL Registries → WAL Reptires	bo Th Da Clic	rrow a database connectio is page summarizes the JD ustomize this table ta Sources (Filtered - N	n from a data source. BC data source objects that ha	we been created in this d		Showing 1 to 3 of 3 Previous	
		Name 🚕		Туре	JNDI Name	Targets	
How do I		FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer 1	
Create JDBC generic data sources		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Create JDBC GridLink data sources Create JDBC multi data sources		FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC data sources Delete JDBC multi data sources	N	lew 🛩 Delete				Showing 1 to 3 of 3 Previous	; Next
System Status Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0) Warning (0)							
OK (2)							

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



7.2.1.3 Non-XA Enabled Data Source

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

😻 Oracle WebLogic Server Administration Console - Mozilla Firefox - I × Elle Edit Yiew History Bookmarks Iools Help C X 🏠 http://10.10.10.1001/console/login/LoginForm.jsp → - 😽 - Google P Most Visited 🗋 Aria 📋 Account Request 📋 CRM Tickets 📄 My Oracle 📑 Network Request 📄 Software 🖹 Oracle WebLogic Server Administrati... 🔶 ORACLE WebLogic Server Administration Console 12c Welcome Log in to work with the WebLogic Server domain Username: Password Login

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

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



3. Navigate to Oracle Weblogic home page.

💽 🗸 🖉 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=HomePage1	Google Powered Pandion Search	
e Edit View Favorites Iools Help McAfee			
🖗 🏀 Home Page - fcubs113_domain - \	VLS Console		🚹 🔹 🗟 🕤 🖶 Yage 🔹 🎯 T <u>o</u> ols
	Administration Console		Ģ
hange Center	🏠 Home Log Out Preferences 🔛 Record Help	٩	Welcome, weblogic Connected to: fcubs113_doma
iew changes and restarts	Home		
ick the Lock & Edit button to modify, add or elete items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
Look & Lok	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure GridLink for RAC Data Source	Read the documentation	
main Structure	 Recent Task Status 	 Ask a guestion on My Oracle Support 	
bs113_domain Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments			
Services	Domain Configurations		
Security Realms	Domain	Services	Interoperability
Interoperability Diagnostics	Domain	Messaging	WTC Servers
biogrobaco		 JMS Servers 	 Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	 Diagnostic Modules
	Migratable Targets	Data Sources	 Diagnostic Images
v do I		 Persistent Stores 	 Request Performance
earch the configuration	Coherence Clusters	XML Registries	Archives
Jse the Change Center	Machines	 XML Entity Caches 	Context
lecord WLST Scripts	Work Managers	Foreign JNDI Providers	 SNMP
hange Console preferences	 Startup And Shutdown Classes 	Work Contexts	
Aonitor servers		• jCOM	Charts and Graphs
	Your Deployed Resources	Mail Sessions FileT3	 Monitoring Dashboard IP
stem Status 😑	Deployments	 Hers JTA 	
ith of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			



The following screen is displayed:

Summary of JDBC Data Sources - fcubs113_domain - WLS Console - Windows Internet Explorer					
				_ <u>-</u> - <u>-</u> ×	
😏 🕞 🔹 👔 http://10.164.74.143.8888/console.foorsole.portal?_nfpb=true&_pageLabel=http://10.184.74.143.8888/console.foorsole.portal?_nfpb=true&_pageLabel=GobalDBCDataSourc 🚽 🕁 🗙 Google Powered Pandon Search 🖉 🖓					
Ele Edit View Favorites Tools Help McAfee /					
🔗 💠 🏀 Summary of JDBC Data Sources - fo	:ubs113_domain			M ▼ M ▼ H ▼ Page ▼ M Tools ▼ *	
	Administration Console			Q 🏫	
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	w	elcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data Sources				
domain.	Configuration Monitoring				
Lock & Edit					
Release Configuration	A JDBC data source is an object bound to the JNDI tr borrow a database connection from a data source.	ee that provides database co	nnectivity through a pool of JDBC connections. Applications of	an look up a data source on the JNDI tree and then	
Domain Structure	This page summarizes the JDBC data source objects t	hat have been created in this	domain.		
fcubs113_domain					
Environment Deployments	Customize this table				
	Data Sources (Filtered - More Columns Exist)				
-Messaging -Data Sources	New Y Delete			Showing 1 to 2 of 2 Previous Next	
Persistent Stores		_			
Foreign JNDI Providers Work Contexts	Name 🗠	Туре	JNDI Name	Targets	
XML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
сом	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Mail Sessions File T3	New V Delete			Showing 1 to 2 of 2 Previous Next	
How do I					
Create JDBC generic data sources					
Create JDBC GridLink data sources					
Create JDBC multi data sources					
Delete JDBC data sources Delete JDBC multi data sources					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0) OK (2)					



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

🖉 Summary of JDBC Data Sources - fcubs	113_domain - WLS Cons	ole - Windows Internet	Explorer			BX
🕒 🗸 🖉 http://10.184.74.143:8888/cor	isole/console.portal?_nfpb=true	s&_pageLabel=http://10.184	.74.143:8888/console/conso	le.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourc 💙	Google Powered Pandion Search	P -
Elle Edit Yiew Favorites Tools Help • McAfee / •						
😭 🏟 🌈 Summary of JDBC Data Sources - fo	ubs113_domain				🏠 🔹 🔝 👘 🖷 🔂 Bage 🔹 🍈 Too	ols • »
	Administration Console				ç	⊇ ^
Change Center	Home Log Out Prefere	ences 🔤 Record Help	٩	W	elcome, weblogic Connected to: fcubs113_dom	nain
View changes and restarts	Home >Summary of JDBC	Data Sources				_
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of JDBC Data	Sources				
domain.	Configuration Monitor	ing				
Lock & Edit Release Configuration	borrow a database conne	ection from a data source.		nnectivity through a pool of JDBC connections. Applications c	in look up a data source on the JNDI tree and then	
Domain Structure	This page summarizes the	e JDBC data source objects ti	hat have been created in this	domain.		
fcubs113_domain	S					
Deployments	Customize this table					
E-Services H-Messaging	Data Sources (Filtered	- More Columns Exist)				
Data Sources	New Y Delete				Showing 1 to 2 of 2 Previous Next	
Persistent Stores Foreign JNDI Providers	Generic Data Source		Туре	JNDI Name	Targets	
Work Contexts	GridLink Data Source					
XML Registries	Multi Data Source		Generic	jdbc/fcjdevDS	ManagedServer1	
jCOM	FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1	
-File T3	New Y Delete				Showing 1 to 2 of 2 Previous Next	
How do I						4
Create JDBC generic data sources						-
Create JDBC GridLink data sources						
Create JDBC multi data sources Delete JDBC data sources						
Delete JDBC data sources Delete IDBC multi data sources						
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'.

	113_domain - WLS Console - Windows Internet Explorer sole/console.portsPiCreateGlobalDBCDataSourcePortletretumTo=GlobalDBCDataSourceTablePage80	SobalDBCDetaSourceTablePortlethanders:
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	🖉 Create a New JDBC Data 🗙	🔕 • 🔯 - 🖶 • 🕞 Base • 🕲 Tools •
ORACLE WebLogic Server		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 > FCU8S113 > Summary of Deployments > FCU8S113Dev > Sum	many of Deployments >Summary of IDBC 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 Frinn Cancel	
Undo All Changes	JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure	* Indicates required fields	
fcubs113_domain		
-Deployments BriServices	What would you like to name your new JDBC data source?	
Deta Sources	den Name: FCUBSDS	
Persistent Stores Foreign JNDI Providers	What JNDI name would you like to assign to your new JDBC Data Source?	
	de JNDI Name:	
- XML Endportes XML Endportes COM Mai Sessions	jdbc/fcjdevD8	
Fie T3		
How do L		
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What database type would you like to select? Database Type:	
System Status 🖂	Oracle	
Health of Running Servers	Back Next Finish Cancel	
Faled (0)		
Critical (0)	New	
Overloaded (0)		
Warning (0)		
OK (2)		



6. Specify the following details:

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

7. Click 'Next'.

🖉 Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer	×
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Elle Edit <u>V</u> iew Favorites <u>T</u> ools <u>H</u> elp McAfee [•]		
🚖 🎄 🌈 Create a New JDBC Data Source - I	cubs113_domain 🔤 👘 🐑 😓 👘 🐑 Bage 🗸 🎯 Tgods -	~
ORACLE WebLogic Server®	Administration Console	^
Change Center	🏦 Home Log Out Preferences 🗠 Record Help	
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next, Frint Cance JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Orade	
Fouber 113_domain Image: Constraint of the Environment Im-Deployments Im-Bessaging Im-Otatic Sources Im-Persistent Stores Image: Sources Image: Sources	What database driver would you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLogic Server. Database Driver: Coracle's Driver (Thin) for instance connections; Versions: 9.0.1 and later Back Item Back Item	
Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

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



Following screen is displayed:

Create a New JDBC Data Source - fcub	s113_domain - WLS Console - Windows Internet Explorer					
🔄 🕞 🔻 🙋 http://10.184.74.143:8888/cor	$sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjconsole/actions$	docdatasource/selec 💙 🔄 🖌 Google Powered Pandion Search 🖉 🔎				
Eile Edit View Favorites Iools Help O McAfee						
🔶 🔅 🖉 Create a New JDBC Data Source - f	subs113_domain	🟠 🔹 🔝 🕤 🖶 🔹 📴 Bage 🕶 🎯 Tgols 🗸				
ORACLE WebLogic Server®	Administration Console	Q				
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Back Next Finish Cancel					
Release Configuration	Transaction Options					
Release Configuration	You have selected non-XA JDBC driver to create database connection in your new data source.					
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.					
Cubs113_domain Choice State Control Contro Control Control Control Control	Supports Global Transactions					
-Services -Messaging -Data Sources	Select this option if you want to enable non XA JDBC connections from the data source to participate in global transactions using the Logging Last Resource (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.					
···Persistent Stores ···Foreign JNDI Providers	O Logging Last Resource					
Work Contexts XML Registries XML Entity Caches	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.					
JCOM Mail Sessions File T3	Emulate Two-Phase Commit					
How do I	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions other resources can participate in the global transaction.	s using the one-phase commit transaction processing. With this option, no				
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit					
	Back Next Finish Cancel					
System Status						
Failed (0) Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
UN (2)						

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

🖉 Create a New JDBC Data Source - fcubs	s113_domain - WLS Console - Windows Internet Explor	er				
🚱 🗣 🙋 http://10.184.74.143:8888/con	sole/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverr	de=/com/bea/console/actions/jdbc/	datasources/createjdbcdatasource/addC 💌 🐓 🗙 Google Powered Pandion Search 🛛 🔎 🔹			
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🚖 🎄 🌈 Create a New JDBC Data Source - fo	cubs113_domain		🟠 🔹 🔝 👘 🖶 Bage 🖛 🎯 Tgols 🖛 🍟			
	Administration Console		Q 🔤			
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Back Next Finish Cancel					
Release Configuration	Connection Properties					
Release Comguration	Define Connection Properties.					
Domain Structure	What is the name of the database you would like to connect to?					
fcubs113_domain	Database Name:	KERDEV2				
-Services -Messaging	What is the name or IP address of the database server?					
Data Sources	Host Name:	10.10.10.10				
Persistent Stores Foreign JNDI Providers		10.10.10				
Work Contexts XML Registries	What is the port on the database server used to connect to the database?					
XML Entity Caches	Port:	1010				
File T3	What database account user name do you want to use to create	database connections?				
How do I 🗉	Database User Name:	FCPB1121				
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to create database connections?					
Create Excended Jobe data sources	Password:					
System Status	(dobined	•••••				
Health of Running Servers	Confirm Password:					
Failed (0)						
Critical (0)	Back Next Finish Cancel					
Overloaded (0)						
Warning (0) OK (2)						
UK (2)						



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

🖉 Create a New JDBC Data Source - fcubs	113_domain - WLS Console - Windows Internet Ex	kplorer		- 8 🛛		
🔄 🗸 🖌 🛃 http://10.184.74.143:8888/cons	cole/console.portal?CreateGlobalJDBCDataSourcePortlet_action	Override=/com/bea/console/actions/jdbc/datasources/createjdbcd	latasource/test(🔽 😽 🗙 🛛 Google Powered	l Pandion Search		
Ele Edit View Favorites Iools Help						
🛛 McAfee' 🖉 🕶						
🚖 🕸 🌈 Create a New JDBC Data Source - fcu	ubs113_domain		🏠 • 🗟 - 🖨	▼ Page ▼ ② Tools ▼		
	dministration Console			Q^		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connect	ed to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source					
domain.	Test Configuration Back Next Finish Cancel	Test Configuration Back Next Finish Cancel				
Release Configuration	Test Database Connection					
Totaco compration	Test the database availability and the connection properti	es you provided.				
Domain Structure	What is the full package name of JDBC driver class used to	create database connections in the connection pool?				
fcubs113_domain	(Note that this driver class must be in the classpath of any	server to which it is deployed.)				
Deployments						
Services Messaging Tota Sources	Driver Class Name:	oracle.jdbc.OracleDriver				
***Persistent Stores	What is the URL of the database to connect to? The format	t of the URL varies by JDBC driver.				
····Foreign JNDI Providers ····Work Contexts	URL:	idbc:oracle:oci:@10.10.10				
XML Registries		Jase. 64 461 7 61 7 81 7 81 7 81 7 81 7 81 7 81 7				
XML Entity Caches jCOM	What database account user name do you want to use to o	create database connections?				
Mail Sessions	Database User Name:	FCPB1121				
How do I	What is the database account password to use to create da	atabase connections?				
Create JDBC generic data sources	(Note: for secure password management, enter the password	ord 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 c	reating database connections?				
Overloaded (0) Warning (0)	Properties:					
OK (2)	user=FCPB1121					
		2				
	The set of driver properties whose values are derived at ru	ntime from the named system property.				
	Eustern Duenauties			~		
Done			Sucal intranet	🔍 100% 🔹 🛒		

- 13. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver)
- 14. Specify the URL.

Default URL: jdbc:oracle:thin:@10.10.10.10:1001:<INSTANCE_NAME>. Change the default URL to: jdbc:oracle:oci:@10.10.10.10:1010:<INSTANCE_NAME>

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

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

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



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

Create a New IDBC Data Source foubr	s113_domain - WLS Console - Windows Inter	not Explorer	
	isole/console.portal?CreateGlobalJDBCDataSourcePortlet,	_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdataso	purce/test(👻 🐓 🗙 Google Powered Pandion Search 🖉 💌
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🚖 🎄 🌈 Create a New JDBC Data Source - fo	cubs113_domain		🛐 🔹 🗟 🔹 🖶 🕈 📴 Bage 🖬 🎯 Tgols 🗸 🎽
	Administration Console		Q ^
Change Center	🛍 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.		
Lock & Edit	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finish C	ancel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the connection p	roperties you provided.	
Environment Deployments	What is the full package name of JDBC driver class u	sed to create database connections in the connection pool?	
⊕-Services ⊕-Messaging	(Note that this driver class must be in the classpath of	of any server to which it is deployed.)	=
Data Sources Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
Work Contexts	What is the URL of the database to connect to? The	format of the URL varies by JDBC driver.	
XML Entity Caches jCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.	
Fle T3	What database account user name do you want to u	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 cr	eate database connections?	
System Status	(Note: for secure password management, enter the	password in the Password field instead of the Properties field below)	
Health of Running Servers Failed (0)	Password:	••••••	
Critical (0)	Confirm Password:		
Overloaded (0)	Commin Password.	•••••	
Warning (0)	What are the properties to pass to the JDBC driver v	when creating database connections?	
OK (2)	Properties:		
	user=FCPB1121		
Done			Secol 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 Undo All Changes	Back Next Cancel
Domain Structure SOADOM3 ⊕-Domain Partitions ⊕-Environment	Select Targets You can select ere or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time. Servers
DeploymentsDeployments B-MessagingData SourcesPersistent StoresForeign JNDI Providers	AdminServer Soa_server1
Work Contexts XML Registries XML Enkity Caches 	Back Next Finish Cancel
How do I	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	
System Status	
Health of Running Servers as of 8:12 PM	
Failed (0) Critical (0) Critical (0) Warning (0)	



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

Git Wer Favortes Took tele Medication	of JDBC Data Sources - fcubs113_	domain - WLS Console - Windows Internet	Explorer		
Instance Image Center Image Center <t< th=""><th>http://10.184.74.143:8888/console/co</th><th>console.portal?_nfpb=true&_pageLabel=GlobalJDBCDa</th><th>taSourceTablePage</th><th>×</th><th>Google Powered Pandion Search</th></t<>	http://10.184.74.143:8888/console/co	console.portal?_nfpb=true&_pageLabel=GlobalJDBCDa	taSourceTablePage	×	Google Powered Pandion Search
Constants Constant					
PRACE WebLogic Server* Administration Console aarge Center welcome, weblogic Connected to: for ever changes and restarts welcome, weblogic Connected to: for interfect Advate Changes with a Summary of JDBC Data Sources Summary of JDBC Data Sources seminary of JDBC Data Sources Summary of JDBC Data Sources control JL Changes Mone to go the Summary of JDBC Data Sources seminary of JDBC Data Sources Summary of JDBC Data Sources control JL Changes Mone Top JL Control Summary of JDBC Data Sources Summary of JDBC Data Sources control JL Changes Mone Top JL Control Summary of JDBC Data Sources Summary of JDBC Data Sources control Line					
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w changes and restarts drig dapage xxit. Trey mut be activated w data Changes unda Al Changes Activate Changes unda Al Changes A Constructive is an object bound to the JND1 the that provides database connections. Applications can look up a data source on the JND1 the that provides database connection. Applications can look up a data source on the JND1 the that provides database connection. Applications can look up a data source on the JND1 the that provides database connection from a data source. The page summarizes the JDBC data source is an object bound to the JND1 the that provides database connections. Applications can look up a data source on the JND1 the provides database connection from a data source. The page summarizes the JDBC data source objects that have been created in this domain. Protein Sources Contomic this table Data Sources Data Sources Continue this table Data Sources Data Sources Showing 1 to 3 of 3 Provides Note For contract Conta Sources Contomic this table Data Sources Contomic this table Data Sources Contomic this table Data Sources Showing 1 to 3 of 3 Provides Showing 1 to 3 of 3 Provides Showing 1 to 3 of 3 Provides Contomic data sources Showing 1 to 3 of 3 Provides Showing 1 to 3 of 3 Provid					ç
Not Manage Same Year. Note: Image Sam			<u> </u>	w	/elcome, weblogic Connected to: fcubs113_dom
ake effect: Activate Changes A dotate Changes A dotate Changes A DOE Clats source is an object bound to the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a data source on the JND1 tree that provides database connectivity through a pool of JDBC connectors. Applicators can look up a database con	es and restarts	Home >Summary of JDBC Data Sources			
Activate Changes Undo Al Changes Undo Al Changes A .DsC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree borrow a database connectivity through a pool of JDBC connections. borrow database connectin tree borrow a database connectivity tree		ummary of JDBC Data Sources			
Unda AL Changes main Structure Stail Jacoman Bill Jacoman Benerotation Pressons Pressons Structure Stail Jacoman Pressons Pressons Structure Structure <td></td> <td>Configuration Monitoring</td> <td></td> <td></td> <td></td>		Configuration Monitoring			
A DBC data sources is an object bound to the JND the that provides database connectivity through a gool of DBC connections. Applications can look up a data source on the JND the sources in a database connection from a data source. This page summarizes the DBC data source objects that have been created in this domain. A DBC data sources This page summarizes the DBC data source objects that have been created in this domain. C Costomize this table Data Sources (Filtered - Hore Columns Exist) Messaging DAta Sources (Filtered - Hore Columns Exist) Messaging Persistent Stores From JND Providers Work Contexts From JND Providers Work Contexts From JND Providers From JND From From JND Providers From JND From From JND Providers From JND From From JND Fro	Undo All Changes				
naming servers still domain still domain </td <td></td> <td>A JDBC data source is an object bound to the JNDI tre</td> <td>e that provides database con</td> <td>nectivity through a pool of JDBC connections. Applications of</td> <td>can look up a data source on the JNDI tree and then</td>		A JDBC data source is an object bound to the JNDI tre	e that provides database con	nectivity through a pool of JDBC connections. Applications of	can look up a data source on the JNDI tree and then
still domain Berkoronnent De	ucture				
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Critical (0)	Failed (0)				
Overloaded (0)					
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OK (2)	OK (2)				

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



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

Summary of JDBC Data Sources - toubs	s113_domain - WLS Console - Windows	Internet Explorer		
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🗧 🕸 🌈 Summary of JDBC Data Sources - fo	rubs113_domain			🏠 🔹 🔝 🕤 🆶 🔹 🔂 Bage 🔹 🎯 Tgols 🔹
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Change Center	🏠 Home Log Out Preferences 🐼 Record	Help	We	Icome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources			
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been activated. No rest	arts are necessary.		
Lock & Edit	Summary of JDBC Data Sources			
Release Configuration	Configuration Monitoring			
⊕ Environment →Deployments →Deployments ⊕ Services M-Messaging → Data Sources →Persitent Stores →Foreign JNDI Provides →Work Contexts →Wu Registries →Wu Registries	This page summarizes the JDBC data source Customize this table Data Sources (Filtered - Hore Columns Cick the <i>Lock & Edit</i> button in the Change Rev V Deste	s Exist)		Shoving 1 to 3 of 3 Previous Next
jCOM Mail Sessions	Name 🔅	Туре	JNDI Name	Targets
How do I	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
Create JDBC generic data sources	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Create JDBC GridLink data sources Create JDBC multi data sources	FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
Delete JDBC data sources Delete JDBC multi data sources	New V Delete			Showing 1 to 3 of 3 Previous Next
System Status B Health of Running Servers Failed (0) Critica (0) Critica (0) Overloaded (0) Warmg (0)				

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



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

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

Note the following

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



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

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

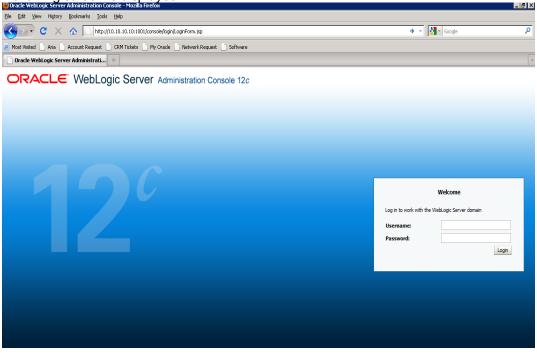
7.2.2 JMS Server Creation

Follow the steps given below:

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

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

Following screen is displayed:



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



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	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	
	 Configure applications 	 Common Administration Task Descriptions 	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
omain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
ubs113_domain P-Environment	 Set your console preferences 	Oracle Guardian Overview	
Deployments 3-Services	- Domain Configurations		
- Services Security Realms	Domain	Services	Interoperability
-Interoperability	Domain	Messaging	WTC Servers
B-Diagnostics	- Contain	 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	- 34 44 44 44
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
inuu die T		Persistent Stores	Request Performance
low do I	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	Foreian 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
ystem Status 🖂	Deployments	 FileT3 JTA 	
ealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			

4. Following screen is displayed:



Summary of JMS Servers - fcubs113_d	lomain - WLS Console - Windows	Internet Explorer				_ @ 🛛
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	Administration Console					<u>o</u>
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View changes and restarts	Home >Summary of JDBC Data Source	es > FLEXTEST.WORLD > Summary of JMS Servers				
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers					
Lock & Edit Release Configuration	-	ontainers for the queues and topics in JMS modules that a vers that have been created in the current WebLogic Ser	-			
Domain Structure fcubs 113_domain H-Environment -Deployments -Services	Customize this table JMS Servers (Filtered - More C Click the <i>Lock & Edit</i> button in the	Columns Exist) Change Center to activate all the buttons on this page.				
-Messaging	New Delete				Showing 0 to 0 of 0 Previous Ne	ext
Store-and-Forward Agents JMS Modules	🔲 Name 🗇	Persistent Store	Target	Current Server	Health	
Path Services B-Bridges		There a	re no items to display			
Data SourcesPersistent StoresForeign JNDI ProvidersWork Contexts	New Delete				Showing 0 to 0 of 0 Previous Ne	ext
How do I						
Configure JMS servers Configure JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
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Warning (0)						
OK (2)						

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

Summary of JMS Servers - fcubs113_d	domain - WLS Console - Windows I	nternet Explorer					
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Change Center	🔒 Home Log Out Preferences 🔤 F	Record Help		Welcome, weblogic Co	nnected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JMS Servers						
Lock & Edit	JMS servers act as management con	tainers for the queues and topics in JMS modules that a	re targeted to them.				
Release Configuration	This page summarizes the JMS serve	rs that have been created in the current WebLogic Serv	ver domain.				
Domain Structure	Customize this table						
fcubs113_domain	JMS Servers (Filtered - More Co	lumns Exist)					
Deployments	New Delete			Showing	0 to 0 of 0 Previous Next		
⊖-Services ⊖-Messaging	 Name ⊗	Persistent Store	Target	Current Server	Health		
<u>JMS Servers</u> Store-and-Forward Agents				Current Server			
JMS Modules	New Delete	inere ar	e no items to display	chautra -	0 to 0 of 0 Previous Next		
Bridges	NOW DOUGO			Showing	o to o or o Previous (Next		
Data Sources Persistent Stores							
Foreign JNDI Providers							
How do Lu							
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Configure JMS servers Configure JMS system modules							
Surtan Statur							
System Status							
Health of Running Servers							
Failed (0) Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



6. Click 'New'.

Create a New JMS Server - fcubs113_	_domain - WLS Console - Windows Internet Explorer	🔳 🗗 🗙
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🚖 🏟 🍘 Create a New JMS Server - fcubs11	13_domain - WL5 C	🏠 🔻 🔝 🕤 🖶 🕈 🔂 Page 🕶 🎯 Tools 🚽 ≫
	Administration Console	Q 🔺
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JMS Server	
domain.	Back Next Finish Cancel	
	JMS Server Properties	
Release Configuration	The following properties will be used to identify your new JMS Server.	
Domain Structure	* Indicates required fields	
fcubs113_domain	Uffect and days. No. to some services 2007 Connect	
Deployments	What would you like to name your new JMS Server?	
-Services	# Name: FCUBS_JMSServer	
⊡-Messaging JMS Servers	Soecify persistent store for the new JMS Server.	
Store-and-Forward Agents	Speary persistent store for the new JMS Server.	
	Persistent Store: (none) V Create a New Store	
Bridges Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers Work Contexts		
1000 00 1		
Configure JMS system modules Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

7. Specify the following details:

JMS Server Name Specify the name JMS Server.
--

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



🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
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Change Center	The Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JHS Server Dark From Cancel Select a store type. Please select the type of store you wish to create from the lat.	
Domain Structure	Type:	
fcds 113 domain	Back Next Frieff Cancel	
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)		

Following screen is displayed:

	Administration Console 12c						
Change Center	🙆 Home Log Dut Preferences 📈 Record Help	Welcon					
View changes and restarts	Home >Summary of Security Realms >Summary of Persistent Stores >FCUBSFIeStore >Summary of Persistent Stores						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Foreta a New File Store Basci Nead Finish Cancel						
Release Configuration	File Store Properties						
	The following properties will be used to identify your new file store. The following properties will be used to identify your new file store.						
Domain Structure PM122ITR2	" Indicates required helds						
Domain Partitions	What would you like to name your new file store? Name: FileStore-0						
Messaging Data Sources Persistent Stores More Sources More Sources More Sources Work Contexts	What scope do you want to create your jms file store in ? Scope: Global V						
XML Registries XML Entity Caches JCOM Mail Sessions	The pathname to the directory on the file system where the file store is kept. This directory must exist on your system, so be sure to create it before completing this tab. Directory: C/FCUBS_FileStore x						
How do I 😑	Book Ned Finish Cancel						
Create File Stores Monitor persistent stores							
Promitor persistenci stofes							
System Status							
Health of Running Servers							
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)							

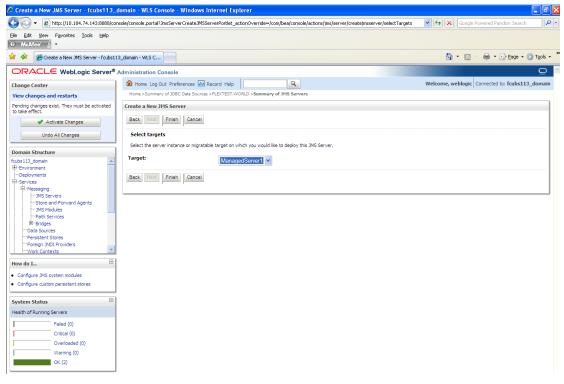
- 10. To identify the new File Store, specify the following properties:
 - Specify the file store name as FCUBS_FileStore.
 - Select a server. For this file store, you may select ManagedServer1 (created by the user).
 - Specify the Filestore Directory path as C:/FCUBS_FileStore.
 - o Click 'OK'.

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



11. Click 'Next'.

🖉 Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
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ORACLE WebLogic Server®	Administration Console	Q
Change Center	🕯 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
Pending changes exist. They must be activated to take effect.	Messages # File store created successfully.	
Activate Changes	Create a New JMS Server	
Undo All Changes	Back Next Finish Cancel	
Domain Structure	JMS Server Properties	
tube 112 Jonain ⊕ Environment → Pagloyments → Profession → MS Servers → MS Servers → MS Nodules → MS System modules	The following properties will be used to identify your new JMS Server. * Indicates required fields What would you like to name your new JMS Server?	
Configure 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'.



Summary of JMS Servers - fcubs113_d	domain - V	WLS Console - Windows Internet	Explorer			-8
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🔶 🚸 🌈 Summary of JMS Servers - fcubs113	3_domain - W	VLS C			🏠 • 📾 - 🖶	• 🔂 Page • 🎯 Tools •
	Administra	ation Console				Q
Change Center	Hom	ne Log Out Preferences 🔤 Record H	elp		Welcome, weblogic Connec	ted to: fcubs113_domain
View changes and restarts		>Summary of JDBC Data Sources >FLEXTE	ST.WORLD >Summary of JMS Servers			
Pending changes exist. They must be activated to take effect.	Message Message	es S Server created successfully				
Activate Changes	6	ry of JMS Servers				
Undo All Changes	Junna	ily of 5115 Servers				
ondo Air changes	7140 -		r the queues and topics in JMS modules that ar			
Domain Structure		-				
cubs113 domain	This p	page summarizes the JMS servers that ha	ve been created in the current WebLogic Serv	er domain.		
Environment						
Deployments	Custo	omize this table				
Services						
⊕-Messaging	JMS 5	Servers (Filtered - More Columns Ex	ast)			
	New	/ Delete			Showing 1 to	1 of 1 Previous Next
JMS Modules						
Path Services		Name 💫	Persistent Store	Target	Current Server	Health
⊞-Bridges Tota Sources		FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
Persistent Stores		T COBS_INISOEIVEI	1 CODS_1 lestore	Managed Server 1	Pieriegeoder ver 1	
Foreign JNDI Providers	New	Delete			Showing 1 to	1 of 1 Previous Next
Work Contexts						
How do I						
Configure JMS servers						
Configure JMS system modules						
ystem Status						
fealth of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
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	😋 🐑 🔹 http://10.184.74.143.8888/console/console.pontal?_nfpb-true8_page.debel=3msHodulesTablePage 🔄 🐓 🔀 Google Powered Pandon Search 🛛							
Eile Edit Yiew Favorites Tools Help								
😤 🏟 🇭 JMS Modules - fcubs113_domain - V	MLS Console	💁 🔹 🗟 🔹 🖶 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 Sources	rces >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 J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.							
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.							
fcubs 113_domain ⊕ Customize this table ⊕ customize t								
Servers Store-and-Forward Agents JMS Modules								
Path Services B-Bridges	🔲 Name 🏟	Туре						
Data Sources	There are no items to display							
	New Delete	Showing 0 to 0 of 0 Previous Next						
How do L.								
Configure JMS system modules								
Configure resources for JMS system modules								
Surtan Statur								
System Status								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

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

C JMS Modules - fcubs113_domain - WLS Console - Windows Internet Explorer	- 2 🛛
💽 🕘 💌 👔 http://10.164.74.143.8888/console/console.pontal?_ripb=true&_pageLabel=http://10.164.74.143.8888/console/console_pontal?_ripb=true&_pageLabel=http://10.164.74.143.8888/console/console	earch
Ele Edit Vjew Favorites Iools Help O McAfcer / -	
👷 🏟 🍘 Mt5 Modules - Faubs113_domain - WL5 Console 🛛 👘 🔹 🔂 🕫 🔂 Page	e 🔹 🎯 T <u>o</u> ols 🔹 🥍
ORACLE WebLogic Server® Administration Console	Q 🙆
Change Center 🙆 Home Log Out Preferences 🗟 Record Help 🔍 Welcome, weblogic Connected to: fout	os113_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 > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary Of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary Of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary Of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > SUMMary Of JDBC Data Sources > FLEXTEST.WORLD > Summary Of JMS Servers > SUMMARY OF JDBC Data Sources > FLEXTEST.WORLD > SUMMARY OF JDBC DATA SOURCE	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	
Lock & Edit MS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, topics, connection factories, templates, destination keys, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. Tou can administratively configure and manage JMS system modules as global syst modules that have been created for this domain.	
Domain Structure	
fados113_domain ▲ Customize this table	
"Deployments JM5 Modules	
Dr-Services Showing 0 to 0 of 0 Previ	ious Next
XMS Servers Twoe	
"JHS Modules	
Path Services There are no items to display Brindges Image: Comparison of the service of the	
"Data Sources New Detere Showing 0 to 0 of 0 Previous Showing 0 to 0 of 0	ious Next
-Perstent Stores	
- Work Contexts	
How do L.	
Configure JMS system modules	
Configure resources for JMS system modules	
System Status	
Health of Running Servers	
Faled (0)	
Critical (0)	
Overloaded (0)	
Warning (0)	
CK (2)	



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

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

Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

4. Click 'Next'.



The following screen is displayed.

🖉 Create JMS System Module - fcubs113	3_domain - WLS Console - Windows Internet Explorer	BX
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 A ttp://10.184 A ttp://10.184	nsole/console.partal?Create.JMSSystemModulePartlet_actionOverride=/com/bea/console/actions/jms/modules/system/createmodule/selectTargets 💌 👫 🗶 Google Powered Pandion Search	P-9
Eile Edit <u>Y</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /		
🚖 🏘 🌈 Create JMS System Module - fcubs	113_domain - WL5 👘 🐐 🔂 👘 👘 🛃 👘 Bage 🕶 🛞 Top	.ls • "
	Administration Console	⊇ ^
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	ain
View changes and restarts	Home >Summary of JB8C Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JB8C Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JHS System Module	
domain.	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module.	
Domain Structure	Use this page to select the server or cluster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish.	
fcubs113 domain	Targets :	
Environment		
Deployments		
E-Services	Servers	
-Messaging		
Store-and-Forward Agents	AdminServer	
Path Services	V ManagedServer1	
Bridges		
Data Sources		
Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers		
Work Contexts		_
How do I		
 Configure JMS system modules 		
Configure JMS servers		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
ОК (2)		

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

🔗 Create JMS System Module - fcubs113_domain - WLS Console - Windows Internet Explorer 📃 🖻 🔀				
🔆 🕑 💌 😰 http://10.184.74.143.8888/console/console/console/console/actions/metal/Create/MSSystem/Andule/Antel_actionOverride=/com/bea/console/actions/metal/ceatemodule/inewResource 💌 🐓 🔀 Coole Powered Pardon Search 👘 🖉				
F/e Edit Wiew Favorites Tools Help				
😭 🏘 🌈 Create JMS System Module - fcubs1	113_domain - WL5	🏠 - 🔝 - 🖶 Zage - 🎲 T <u>o</u> ols - 🎽		
	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		
No pending changes exist. Click the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create JHS System Hodule Back Term Cancel Add resources to this JHS system module Use this page to indicate whether you want to immediately add resources to this JMS system module at the system			
Domain Structure	Use this page to indicate whether you want to immediately add resources to this JMS system module an	ter it is created. JMS resources include queues, topics, connection factories, etc.		
fabet13 domain	Would you like to add resources to this JHS system module? Back Text Finan Cancel			
System Status				
Faled (0) Faled (0) Critical (0) Overladde (0) Warning (0) OK (2)				



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

🗲 🕒 🔹 🙋 http://10.184.74.143:8888/c	console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	Google Powered Pandion Search
le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee /		
r 🕸 🌈 JM5 Modules - fcubs113_domain -	- WLS Console	🏠 🔹 🗟 👘 🖶 Page 🕶 🎯 Tgols
DRACLE WebLogic Server	Administration Console	Q
hange Center	🟦 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: fcubs113_domain
Fiew changes and restarts ending changes exist. They must be activated o take effect.	Hone -Summary of JDBC Data Sources >FLEXTEST.WORLD -Summary of JMS Servers >Summary of JDBC Data Messages Into JMS module was created successfully.	a Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
Activate Changes Undo All Changes	JHS Modules	
omain Structure	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resour distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You resources.	
Environment Deployments	This page summarizes the JMS system modules that have been created for this domain.	
Environment Deployments Services 다-Messaging		
⊢Environment Deployments -Services GHMessaging JMS Servers Store-and-Forward Agents	This page summarizes the JMS system modules that have been created for this domain. Customize this table JHS Hodules	
←Environment →Deployments →Services ←Messaging ←JMS Servers	This page summarizes the JMS system modules that have been created for this domain.	Showing ito lofi Previous Next
-Environment Deployments Services Hessaging 	This page summarizes the JMS system modules that have been created for this domain. Customize this table JHS Hodules	Showing ito iof i Previous Next
HEnvroment Deployments Services H-345 Servers -315 Servers -315 Hobules -7215 Hobules -7215 Hobules -7245 Services B-315 Sources -7245 Source	This page summarizes the JMS system modules that have been created for this domain. Customize this table JHS Hodules New Deterte	
Environment Deployments Services El Messaging JSD Servins Store and Forward Agents JSD Services El Brodges Data Sources Parts Services Partservices	This page summarizes the JMS system modules that have been created for this domain. Customize this table JHS Hodules New Delete PCLBS_SystemModule New Delete	Туре
Persionment Deployments Services Pression Parsent Table Services Parsent Forward Agents Pars Services Pars Services Pars Services Pars Services Port Sources Port	This page summarizes the JMS system modules that have been created for this domain. Customize this table JHS Hodules New Delete PCLBS_SystemModule New Delete	Type System
Environment Deployments Deployments -Services -Services -Services -State-surves -State-surves -Path Services -Petrologies -Petrologies -Petrologies -Services -Petrologies -Services -Services -Services -Services -Services -Services -Services -Work Contexts	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Fidules New Orders FCL85_SystemModule New Orders	Type System
Environment Deployments Services Provides Provi	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Hodules Rome @ Rome @ Rome @ CUSS_SystemModule New Delete	Type System
Environment Persponnent Persp	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Hodules Rome @ Rome @ Rome @ CUSS_SystemModule New Delete	Type System
Environment Persponnent Persp	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Hodules Rome @ Rome @ Rome @ CUSS_SystemModule New Delete	Type System
Environment Persponnent Persponnents Personnent Person	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Hodules Rome @ Rome @ Rome @ CUSS_SystemModule New Delete	Type System
Environment Perceptionents Perceptionents Perceptionents Perceptionents Perceptionents Perception P	This page summarizes the JMS system modules that have been created for this domain. Customize this table INS Hodules Rome @ Rome @ Rome @ CUSS_SystemModule New Delete	Type System

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

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

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
(3) - 2 http://10.184.74.143:88888/co	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=tru	re&_pageLabel=JmsModulesTablePage V + X Google Powered Pandion Search
File Edit View Favorites Tools Help McAfee		
👷 🏘 🌈 JMS Modules - fcubs113_domain - 1	MLS 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.	 Messages All changes have been activated. No restarts are necessary. 	
Lock & Edit	JMS Modules	
Release Configuration		
Domain Structure	JMS system resources are configured and stored as modules similar to standard J2EE modules. Such re distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters.	sources include queues, topics, connection factories, templates, destination keys, quota, You can administratively configure and manage JWS system modules as global system
fcubs113 domain	resources.	
Environment	This page summarizes the JMS system modules that have been created for this domain.	
Deployments		
Messaging	Customize this table	
····JMS Servers	JMS Modules	
Store-and-Forward Agents	Click the Lock & Edit button in the Change Center to activate all the buttons on this page.	
-Path Services	citer die zoen a zozoaron in die enonge center to beorbie on die bettons on die page.	
🗊 -Bridges	New Delete	Showing 1 to 1 of 1 Previous Next
Data Sources		
Persistent Stores	Name 🐵	Туре
-Work Contexts	FCUBS_SystemModule	System
How do I	New Delete	Showing I to 1 of 1 Previous Next
Configure JMS system modules	Incw Delete	Showing I to I of I Previous Next
Configure resources for JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



7.2.4 Subdeployment Creation

Follow the steps given below:

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

The following screen is displayed:

🖉 JMS Modules - fcubs113_domain - WL	S Console - Windows Internet Explorer	
	nsole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.portal?_nfpb=true&_pageLabel=http://10.184.7	4.143 🕑 🍫 🗶 Google Powered Pandion Search 🖉 🔹
File Edit Yiew Favorites Tools Help McAfee'		
😭 🏟 🌈 JM5 Modules - fcubs113_domain - V	VLS Console	🏠 🔻 🔝 👘 🖶 🕈 🔂 Page 🕶 🎯 Tools 🔹 🎽
	Administration Console	Q 🗅
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD	>Summary of JMS Servers >JMS Modules
No perding changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	JMS Modules JMS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, topics, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAP) parameters. You can administratively configured resources.	
Domain Structure	This page summarizes the JMS system modules that have been created for this domain.	
fcubs113_domain	Customize this table JHS Hodules New, Deter	Showing 1 to 1 of 1 Previous Next
Store-and-Forward Agents	Name 🔅	Туре
Path Services Path Services Path Services Persistent Stores Foreign JNDI Providers Work Contexts	FCUBS_SystemModule New, Delete	System Showing I to 1 of 1 Previous Next
How do I Configure JMS system modules Configure resources for JMS system modules System Status Failed (0) Failed (0) Cortical (0) Wering (0) CK (2)		

2. Click 'Lock & Edit' button.



3. Select the JMS module created earlier.

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

4. Click 'Subdeployments' tab.

Continue for ECURE Supportionality for	ıbs113_domain - WLS Console - Windows Internet Explorer	
	sole/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleSubDeploymentTabPage&hand	e=com.bea.console.handles.JMXHandle%28%22c 🝸 🍫 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit View Favorites Tools Help O McAfee		
😭 🏘 🏉 Settings for FCUBS_SystemModule	fcubs113_domai	🏠 🔹 🗟 👘 🖶 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.	Settings for FCUBS_SystemModule	
Lock & Edit	Configuration Subdeployments Targets Security Notes	
Release Configuration	This page displays subdeployments created for a JMS system module. A subdeployment is grouped and targeted to a server resource (such as JMS servers, server instances, or du	a mechanism by which JMS module resources (such as queues, topics, and connection factories) are ter).
Domain Structure		
fcubs113_domain	Customize this table	
Deployments	Subdeployments	
E-Services		
	New Delete	Showing 0 to 0 of 0 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 Lu		
now do 1		
 Configure subdeployments in JMS system modules 		
Configure JMS system modules		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



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

🖉 Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
😋 🕤 👻 http://10.184.74.143:8888/cor	nsole/console.portal?] msSystemModuleCreateSubDeploymentPortletreturnTo=JMSSystemModuleSubDeploymentTopperstant to the test of t	abPage&JM5SystemModuleSubDe 💙 🍫 🔀 Google Powered Pandion Search 🛛 🔎 🔹
Eile Edit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp McAfee		
🚖 🎄 🌈 Create a New Subdeployment - fcul	bs113_domain - W	🟠 🔹 🔜 👘 🖶 Bage 🖛 🎯 Tgols 👻
ORACLE WebLogic Server®	Administration Console	Q 🗠
Change Center	😰 Home Log Out Preferences 🗠 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule	Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Subdeployment Properties	
Domain Structure	The following properties will be used to identify your new subdeployment.	
fcubs113 domain	* Indicates required fields	
Environment Deployments	* Subdeployment Name: FCUBS	
Services Pressaging		
····JMS Servers	Back Next Finish Cancel	
Store-and-Forward Agents		
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		
Failed (0)		
Critical (0) Overloaded (0)		
Warning (0)		
OK (2)		

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

The following screen will be displayed.

Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
O + E http://10.184.74.143:8888/con	sole/console.portal?3ms5ystemModuleCreate5ubDeploymentPortlet_actionOverride=/com/bea/console/actions/jr	ns/modules/system/createsubdep 💙 🗲 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Elle Edit <u>Vi</u> ew Favorites <u>T</u> ools <u>H</u> elp • McAfee -		
😭 🔅 🌈 Create a New Subdeployment - fcub	s113_domain - W	🟠 🔹 🔂 👘 🖶 Page 🗸 🎯 Tools 🗧 🎽
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule	Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Targets	
Domain Structure	Please select targets for the Subdeployment	
fcubs113_domain	Servers	
Deployments	ManagedServer1	
Messaging		
	JMS Servers	
···· JMS Modules	FCUB5_JMSServer	
Path Services B-Bridges		
Data Sources	Back Next Finish Cancel	
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)		
UK (2)		

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



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

Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Windows In	iternet Explorer		
😔 🕞 👻 😰 http://10.164.74.143.68886/console				
E/E Edit View Favorites Iools Help				
😤 🏘 🏉 Settings for FCUBS_SystemModule -	fcubs113_domai		🏠 👻 📾 👻 🖶 Page 🖛 🎯 Tgols 👻	
	Administration Console		Q	
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST. Modules >FCUBS_SystemModule	VORLD >Summary of JMS Servers >Summary of JDBC Data Source	s >FLEXTEST.WORLD >Summary of JMS Servers >JMS	
Pending changes exist. They must be activated to take effect.	Messages			
Activate Changes	 Subdeployment created successfully. 			
Undo All Changes	Settings for FCUBS_SystemModule			
	Configuration Subdeployments Targets	Security Notes		
⊕ Environment → Deployments ⊖ Services ⊕ Messaging → Mos Serviers → Store-and-Forward Agents → TMS Modules	grouped and targeted to a server resource (such Customize this table Subdeployments Item: Delete	as JMG servers, server instances, or cluster).	Showing I to 1of 1 Previous Next	
B-Bridges Data Sources	□ Name ↔	Resources	Targets	
Persistent Stores Foreign JNDI Providers	FCUBS		FCUBS_JMSServer	
How do L	New		Showing 1 to 1 of 1 Previous Next	
Configure subdeployments in JMS system modules Configure JMS system modules				
System Status				
Failed (0) Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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

	/console/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:8888/console/console.porta	al? nfpb=true& pageLabel=JMSSystemModuleSut 🗸 🍫 🗙 Google Powered Pandion Search
ile Edit View Favorites Tools Help	consequenzarion por car _ inpu=craces_page.auci=incp;//10.107.77.173.0000/CORSOR/CORSOB.porto	ar ja pomo docupogo avolmuno ysteria module poz. 📩 🖓 📉 Google Powered Pandon Search
De Loit view Pavorites Loois Help D McAfee'		
Settings for FCUBS_SystemModu	ile - fauhstitä damai	🟠 🔹 🗟 🕤 🖶 Page + 🎯
Change Center	A Home Log Out Preferences Record Help A Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summ	Welcome, weblogic Connected to: fcubs113_de
View changes and restarts	Modules > FCUBS_SystemModule	ary of JDBC Data sources > HEXTEST.WORLD > Summary of JMS Servers > JMS
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages	
Lock & Edit	All changes have been activated. No restarts are necessary.	
	Settings for FCUBS_SystemModule	
	Configuration Subdeployments Targets Security Notes	
Domain Structure		a mechanism by which JMS module resources (such as queues, topics, and connection factories) are
Deployments	₽ Customize this table	
JMS Servers Store-and-Forward Agents	Subdeployments	
····JMS Modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page	5
		Showing ito lofi Previous Ne
INS Modules Path Services Bi-Bridges Data Sources Persistent Stores Foreign JNDI Providers	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Delete Name Resources	
JNS Modules Path Services B-Rnidges Data Sources Persitent Stores Foreign INDI Providers Work Contexts	Click the Lack & Editbutton in the Change Center to activate all the buttors on this page New Resources POURS POURS	Showing 1 to 1 of 1 Previous Ne
JNS Modules Path Services B-Rnidges Data Sources Persitent Stores Foreign INDI Providers Work Contexts	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Interview Optice Name & Resources	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
IMS Modules Path Services B-Bridges Data Sources Data Sources Porsign IND Providers Work Contexts	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing its lof 1 Previous Ne
	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS Modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
Mis ModulesMis Benices B-BridgesData SourcesPersistent StoresPoregn 3NDL ProvidersWork Contexts How do L E toonfigure subdeployments in 3MS system modules Configure 3MS system modules	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page New Determine Name % Resources FOURS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS ModulesMIS ModulesMIS Services	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
MIS ModulesMIS ModulesMIS ModulesMIS Services	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
How The Services System Status Failed (0) Critical (0)	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer
How The Services System Status Failed (0) Critical (0)	Click the Lock & Editbutton in the Change Center to activate all the buttons on this page Name Resources FCUBS	Showing 1 to 1 of 1 Previous Ne Targets FCUBS_MSServer



7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

C Settings for FCUBS_SystemModule - fo	ubs113_domain -	WLS Console - Windo	ws Internet Ex	plorer					_ @ 🛛
🕒 🗸 🖌 🖉 http://10.184.74.143:8888/com	sole/console.portal?_ni	pb=true&_pageLabel=JMS	55ystemModuleCo	nfigTabPage&JM55ystemModule	ConfigGenera	iPortlethandle=com.bea.console. 🔽	47 🗙 Goog	le Powered Pandion Search	. م
Ele Edit Yiew Favorites Tools Help									
😭 🏟 🏀 Settings for FCUB5_SystemModule	fcubs113_domai						🙆 • 🖻) 🔹 🌐 🔹 🔂 Bage 🔹	🎯 Tgols 🔹 🦈
ORACLE WebLogic Server®	Administration Cor	sole							Q 🗠
Change Center	🔒 Home Log Out	Preferences 🔤 Record	Help	Q		Wel	come, weblogi	c Connected to: fcubs11	3_domain
View changes and restarts	Home >Summary of Modules >FCUBS_		TEST.WORLD >Su	mmary of JMS Servers >Summary	of JDBC Data	Sources > FLEXTEST.WORLD > Summary	of JMS Servers >:	IMS	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUB	5_SystemModule							
Lock & Edit	Configuration	Subdeployments Targe	ts Security I	Notes					
Release Configuration	This page display	s general information abou	it a JMS system m	odule and its resources. It also a	allows you to c	configure new resources and access ex	isting resources.		
Domain Structure fcubs113 domain									
Environment	Name:		FCUBS_Syst	emModule		The name of this JMS syste	em module. Mor	e Info	
Deployments Services	Descriptor File	lame:	jms/FCUBS_	SystemModule-jms.xml		The name of the JMS mode	le descriptor file.	More Info	
Hessaging MS Servers Servers Servers MS Modules Path Services		, distributed destinations,		ted for this JMS system module, nd store-and-forward paramete		ue and topic destinations, connection f	factories, JMS ter	mplates, destination sort ke	ys,
i Bridges ⊡Data Sources	Summary of Re	SOURCES							
Persistent Stores			Center to activate	all the buttons on this page.					
Work Contexts							chu	owing 0 to 0 of 0 Previous	Next
How do I							314	I I I I I I I I I I I I I I I I I I I	INEXC
Configure JMS system modules	🗌 Name 🖉	ту	pe	JNDI Name	1	Subdeployment		Targets	
 Configure subdeployments in JMS system modules 				There are	no items to d	isplay			
Configure resources for JMS system modules							She	owing 0 to 0 of 0 Previous	Next
System Status									
Health of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0)									
OK (2)									

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

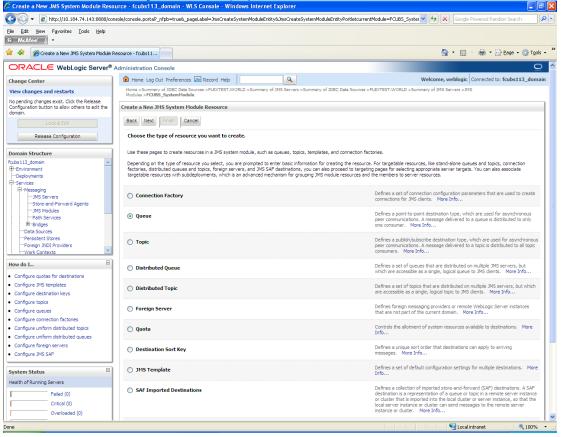


The Following screen is displayed.

🗨 🕞 🗸 🖉 http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabe	l=JM55vstemModuleConfigGeneralPage	🗸 🍫 🗙 Google Powered Pandion Search		
ile Edit View Favorites Tools Help					
McAfee' /					
🚱 🖉 Settings for FCUBS_SystemModul	e - fcubs113_domai			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🗸 🍈 Tools	
	Administration Console			Ç	
hange Center	🔒 Home Log Out Preferences 🔤 R	ecord Help	Welco	me, weblogic Connected to: fcubs113_doma	
iew changes and restarts	Home >Summary of JDBC Data Sources > Modules >FCUBS_SystemModule	FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDE	IC 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_SystemModule				
omain.	Configuration Subdeployments	Targets Security Notes			
Release Configuration	This page displays general information	about a JMS system module and its resources. It also allows	you to configure new resources and access existi	ng resources.	
omain Structure	Name:	FCUBS SystemModule	The name of this JMS system	module. More Info	
ubs113_domain		=-,			
Deployments Services Messaging JMS Servers	Descriptor File Name: This page summarizes the JMS resourd destination quota, distributed destination	jms/FCUBS_SystemModule-jms.xml ces that have been created for this JMS system module, incluc tions, foreign servers, and store-and-forward parameters.	The name of the JMS module ing queue and topic destinations, connection fac		
"Deployments → Services ← Messaging ← JINS Servers ← Store-and Forward Agents ← JINS Modules ← Path Services ⊕ Bridges	This page summarizes the JMS resource	tes that have been created for this JMS system module, includ			
"Deployments Services "-Messaging "-JNS Servers "-JNS Servers "-JNS Modules "-Part Services D-Bridges "Deda Sources "-Persistent Stores	This page summarizes the JMS resourd destination quota, distributed destination Customize this table	tes that have been created for this JMS system module, includ			
Deployments Dervices Dervices Dervices Dessaging Disservers Disservers Disservers Disservers Disservers Deta Sources Deta Sources Deta Sources Deta Sources Deta Sources Deta Sources Work Contexts Work Contexts	This page summarizes the JMS resour destination quota, distributed destinat Customize this table Summary of Resources	tes that have been created for this JMS system module, includ		tories, JMS templates, destination sort keys,	
Deployments Services Previses Services Services Table Address Table Add	This page summarizes the JMS resour destination quota, distributed destinat Customize this table Summary of Resources	ces that have been created for this JMS system module, inclue tons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next	
Deployments Deployments Pervices Previces Previce	This page summarizes the JMS resour destination quota, distributed destinat Customize this table Summary of Resources	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Services Previces Provides	This page summarizes the JMS resour destination quota, distributed destina © Customize this table Summary of Resources 	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next	
Deployments Derives Derives Developments Derives Dessaging Developments Developments Deta Sources Destate Sources Destate Sources Destate Sources Developments Developments Developments Destate Sources Developments Developments Destate Configure autodeployments Destate Destatee Destateee Destateee Destateeeeeee	This page summarizes the JMS resour destination quota, distributed destina © Customize this table Summary of Resources 	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Services Howard Agents Store and Forward Agen	This page summarizes the JMS resources destination quota, distributed destination quota, dist	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Services Pressions Deployments Pressions Pr	This page summarizes the JMS resources destination quota, distributed destination quota, dist	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Services Previces	This page summarizes the JMS resources destination quota, distributed destination quota, dist	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Services Previces	This page summarizes the JMS resources destination quota, distributed destination quota, dist	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Deployments Servers	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination quota, distributed destination of Resources © Customize this table Summary of Resources Item () Destination Name (>) New () Destination	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	
Dealoyments → Dealoyments → Servers → Messaging → Store-and-Forward Agents → Store-and-Forward Agents → Store-and-Forward Agents → Path Servers → Deals Sources → Deals Deals Deals → Deals Deals Deals Deals Deals Deals Dea	This page summarizes the JMS resources destination quota, distributed destination quota, distributed destination quota, distributed destination of Resources © Customize this table Summary of Resources Item () Destination Name (>) New () Destination	tes that have been created for this JMS system module, inclue toons, foreign servers, and store-and-forward parameters.	ing queue and topic destinations, connection fac	tories, JMS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next Targets	



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





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

🖉 Create a New JMS System Module Resource -	fcubs113_domain - WLS Console - Wind	lows Internet Explorer	
	sole.portal?JmsCreateSystemModuleEntityPortlet_/	actionOverride=/com/bea/console/actions/jms/modules/system/createentity/sel	ectEntit 💙 🐓 🗙 Google Powered Pandion Search 🖉 🔹
Ele Edit View Favorites Tools Help			
⊙ McAfee'			
🔗 🔅 Create a New JMS System Module Resource	- fcubs11		🏠 🔹 🔂 🕤 🖶 🍷 📴 Bage 🗸 🎯 Tools 🗸 🎽
ORACLE WebLogic Server® Admini	istration Console		Q 🌢
	Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
Mo	me >Summary of JDBC Data Sources >FLEXTEST.WO odules >FCUBS_SystemModule	RLD »Summary of JMS Servers »Summary of JDBC Data Sources »FLEXTEST.WORL	D >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	ate a New JM5 System Module Resource		
	ck Next Finish Cancel		
Release Configuration JI	MS Destination Properties		
Domain Structure	re following properties will be used to identify your r	new Queue. The current module is FCUBS_SystemModule.	
fcubs113_domain	dicates required fields		
-Deployments ⊡-Services *∎	ame:		
Messaging JMS Servers	NOTIFY_DEST_QUE	UE	
	DI Name: NOTIFY_DEST_QUE	UE	
C bridges	mplate: None 🗸		
Persistent Stores	ick Next Finish Cancel		
Foreign JNDI Providers Work Contexts			
How do I			
Configure quotas for destinations			
Configure JMS templates			
 Configure destination keys 			
Configure topics			
Configure queues			
Configure connection factories			
Configure uniform distributed topics Configure uniform distributed queues			
Configure dimorm distributed queues Configure foreign servers			
Configure Integriservers Configure JMS SAF			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			*
Done			🗾 😌 Local intranet 🔍 100% 👻

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

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



Following screen is displayed.

🖉 Create a New JMS System Module Reso	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/con	isole/console.portal	Soogle Powered Pandion Search
Ele Edit View Favorites Iools Help		
👷 🎄 🌈 Create a New JMS System Module R	tesource - fcubs11	🟠 🔹 🔚 🐂 📑 Page + 🎯 Tgols + 🎽
	Administration Console	Q 🍳
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data So Modules >FCUBS_SystemModule	urces >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	The following properties will be used to target your new JMS system module resource	
Domain Structure fcubs113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechan SAP agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdeploym module's subdeployment management page.	Isom by which JMS resources are grouped and targeted to a server instance, cluster, or ent button. You can also reconfigure subdeployment targets later by using the parent
Deployments Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
-MessagingJMS Servers	Subdeployments: FCUBS V Create a New Subdeployment	
Store-and-Forward Agents	What targets do you want to assign to this subdeployment?	
⊡Path Services ⊡Bridges	Targets :	
Data Sources Persistent Stores		
Foreign JNDI ProvidersWork 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		Scal intranet 🔍 100% 👻



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

Settings for FCUBS_SystemModule - fci	ubs113_domain -	WLS Console -	Windows	Internet	Explore	r				- 7 2
G v Attp://10.184.74.143:8888/com	sole/console.portal?_i	nfpb=true&_pageLa	bel=JMSSys	temModule	ConfigGen	eralPage	•	• • , × [Google Powered Pandion Search	P -
Ele Edit View Favorites Iools Help										
😭 🏘 🌈 Settings for FCUB5_SystemModule -	fcubs113_domai							🙆 -	🔊 👘 🖷 🌚 Bage 🕶 🄇)) Tools 🔹
	Administration Co	insole								Q
Change Center	🔒 Home Log Ou	ut Preferences 🔤	Record He	10 C		Q	١	Nelcome, wel	logic Connected to: fcubs113	domain
View changes and restarts	Home >Summary Modules >FCUBS	of JDBC Data Source SystemModule	s >FLEXTES	T.WORLD >	Summary	of JMS Servers >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summ	ary of JMS Serv	ers >JMS	
Pending changes exist. They must be activated to take effect.	Messages	_oyacenn lodune								
Activate Changes	🖋 The JMS Que	ue was created suc	cessfully							
	Settings for FCU	B5_SystemModul	le							
Undo All Changes	Configuration	Subdeployments	Targets	Security	Notes					
Domain Structure			-							
fcubs113_domain	This page displa	iys general informati	ion about a	JMS system	n module ar	nd its resources. It also allows you to configure	e new resources and access	s existing resou	rces.	
	Name:			FCUBS_S	ystemMod	ule	The name of this JMS s	ystem module.	More Info	
⊖-Messaging →-3MS Servers →Store-and-Forward Agents →-3MS Modules →-Path Services ⊕-Bridges	Descriptor File This page summ destination quo	arizes the JMS reso	urces that h nations, fore	ave been c	reated for	Module-jms.xml this JMS system module, including queue and t e-and-forward parameters.	The name of the JMS m topic destinations, connecti			j,
Data Sources Persistent Stores Foreign JNDI Providers	Customize th									
Work Contexts	Summary of R	lesources								- I.
How do I	New Delete	8							Showing 1 to 1 of 1 Previous 1	Next
Configure JMS system modules Configure subdeployments in JMS system	🔲 Name 4	~		Тур	be	JNDI Name	Subdeployment		Targets	
 Modules Configure resources for JMS system modules 	NOTIFY_	DEST_QUEUE		Que	ue	NOTIFY_DEST_QUEUE	FCUBS		FCUBS_JMSServer	
System Status	New Delete	2							Showing 1 to 1 of 1 Previous I	Next
Health of Running Servers										
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)										



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

C Settings for FCUBS_SystemModule - fc	ubs113_c	lomain - WLS Console -	Windows Inte	ernet Explore	r			
	nsole/console	.portal?_nfpb=true&_pageLa	bel=http://10.18	84.74.143:8888/	console/console.portal?_nfpb=true	e&_pageLabel=http://10.184.74.14	3 🖌 👉 🗙 Google Powered Pandion S	Search
Elle Edit View Favorites Iools Help								
🔶 🕸 🏾 🖉 Settings for FCUBS_SystemModule	- fcubs113_c	lomai					🏠 🔹 🔝 🐇 🖶 🕞 Ba	ige 🔹 🌍 T <u>o</u> ols 👻
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View changes and restarts	Home : Module	Summary of JDBC Data Source s >FCUBS_SystemModule	s > FLEXTEST.WO	ORLD >Summary	of JMS Servers >Summary of JDBC E	Data Sources > FLEXTEST.WORLD > Su	mmary of JMS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Setting	s for FCUBS_SystemModu	e					
domain.	Config	uration Subdeployments	Targets Se	curity Notes				
Release Configuration	This p	age displays general informati	on about a JMS s	system module a	nd its resources. It also allows you	to configure new resources and ac	tess existing resources.	
Domain Structure	Name		FC	UBS_SystemMod	ule	The name of this JM	IS system module. More Info	
fcubs113_domain	Descri	ptor File Name:		s/FCUBS_System		The name of the JM	S module descriptor file. More Info	
Hessaging INS Servers INS Servers INS Modules Path Services Bi-Bridges	destin	ation quota, distributed destir pomize this table nary of Resources	ations, foreign s	servers, and sto	e-and-forward parameters.	quede and topic destinations, com	ection factories, JMS templates, destination s	sor theys,
Data Sources Persistent Stores	New	Delete					Showing 1 to 1 of 1 Pre	evious 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 modules	New	Delete					Showing 1 to 1 of 1 Pre	evious Next
Configure resources for JMS system modules								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								

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

7.2.6 JMS Connection Factory Creation

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



1. Click 'New'.

ettings for FCUBS_SystemModule -	fcubs113_domain - WLS Cons	sole - Windows Internet Explorer	
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ange Center	Home Log Out Preference	es 🚈 Record Help	Welcome, weblogic Connected to: fcubs113_doma
ew changes and restarts	Home >Summary of JDBC Data Modules >FCUBS_SystemMod	Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary Jule	of JDBC Data Sources > FLEXTEST.WORLD >Summary of JMS Servers > JMS
pending changes exist. Click the Release nfiguration button to allow others to edit the	Settings for FCUBS_System	Module	
Lock & Edit	Configuration Subdeploy	ments Targets Security Notes	
Release Configuration	This page displays general in	formation about a JMS system module and its resources. It also a	lows you to configure new resources and access existing resources.
main Structure		FCUBS_SystemModule	The name of this JMS system module. More Info
Later damain	Name:		
Environment	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module descriptor file. More Info
Environment Deployments Services ©-Messaging	Descriptor File Name:	1S resources that have been created for this JMS system module,	
-Environment -Deployments -Services	Descriptor File Name:		
Environment Deployments Services OrMessaging JMS Servers JMS Servers JMS Modules	Descriptor File Name: This page summarizes the 3% destination quota, distribute	1S resources that have been created for this JMS system module,	
Environment Deployments Services ⊡-Messaging ↓→JMS Servers ↓→Store-and-Forward Agents	Descriptor File Name: This page summarizes the 3V destination quota, distribute Customize this table	1S resources that have been created for this JMS system module,	
Environment Deployments Services Envices Envices Services Store-and-Forward Agents Store-and-Forward Agents Path Services EP Endiges Data Sources Environment Services Data Sources	Descriptor File Name: This page summarizes the 3 th destination quota, distribute Customize this table Summary of Resources	1S resources that have been created for this JMS system module,	
Environment Deployments Services Devices Services Store-and-Forward Agents Path Services Dervices Dervices Dervices	Descriptor File Name: This page summarizes the 3V destination quota, distribute Customize this table	1S resources that have been created for this JMS system module,	
Environment Deployments Deployments Services H-Messagnet H-MS Services H-Store-and-Forward Agents H-Store-and-Forward Agents H-Stores H-St	Descriptor File Name: This page summarizes the JM destination quota, distribute Customize this table Summary of Resources New Delete Name	1S resources that have been created for this JMS system module,	including queue and topic destinations, connection factories, JMS templates, destination sort keys, s.
Environment Deployments Deployments Services Howspany And Services How How Services Work Contexts w do L	Descriptor File Name: This page summarizes the 3V destination quota, distribute Customize this table Summary of Resources New Delete	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	including queue and topic destinations, connection factories, JMS templates, destination sort keys, s.
Environment Enviro	Descriptor File Name: This page summarizes the 3V destination quoties, distribute Customize this table Summary of Resources New: Deter Name &	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next
Environment Deployments Services Messaging Me		IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer
Environment Environment Environment Environment Environment Services Messaging Services Messaging Services Pastern Services Pastern Sources Proven NDL Providers Work Contexts w do L Configure VIS system modules Configure visubdeployments in JMS system modules Configure resources for JMS system modules Configure res	Descriptor File Name: This page summarizes the 3% distinction quarks distribute Costination quarks distribute Costination this table Summary of Resources New, Delete Nortery_DEST_QUEU Nortery_DEST_QUEU Nortery_DEST_QUEU	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer
Environment Enviro	Descriptor File Name: This page summarizes the 3V This page summarizes the 3V this page summary destination quarks without a software Customize this table Summary of Resources New: Destin NoTEFY_DEST_QUEU NoTEFY_DEST_QUEU New: Desting	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer
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Environment Enviro	Descriptor File Name: This page summarizes the 3% distinction quarks distribute Costination quarks distribute Costination this table Summary of Resources New, Delete Nortery_DEST_QUEU Nortery_DEST_QUEU Nortery_DEST_QUEU	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer
Environment Enviro	Descriptor File Name: This page summarizes the 3% distinction quarks distribute Costination quarks distribute Costination this table Summary of Resources New, Delete Nortery_DEST_QUEU Nortery_DEST_QUEU Nortery_DEST_QUEU	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer
Environment Environment Environment Environment Environment Environment Services	Descriptor File Name: This page summarizes the 3% distinction quarks distribute Costination quarks distribute Costination this table Summary of Resources New, Delete Nortery_DEST_QUEU Nortery_DEST_QUEU Nortery_DEST_QUEU	IS resources that have been created for this JMS system module, d destinations, foreign servers, and store-and-forward parameter Type JHDI Name	Including queue and topic destinations, connection factories, JMS templates, destination sort keys, s. Showing 1 to 1 of 1 Previous Next Showing 1 to 1 of 1 Previous Next FCLBS FCUBS_JMSServer



The following screen is displayed:

Create a New JMS System Module Res	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
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	Administration Console	9
ange Center	🛍 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
ew changes and restarts	Home »Summary of JDBC Data Sources »FLEXTEST.WORLD »Summary of JMS Servers »Summary Modules >FCUBS_SystemModule	y of JDBC Data Sources »FLEXTEST.WORLD »Summary of JMS Servers »JMS
pending changes exist. Click the Release nfiguration button to allow others to edit the main.	Create a New JMS System Module Resource	
	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
main Structure bs 113_domain Environment Deployments Services		for creating the resource. For targetable resources, like stand-alone queues and topics, connection also proceed to targeting pages for selecting appropriate server targets. You can also associate
-Messaging	Sonnection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules Path Services ED-Bridges Data Sources	O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More Info
Persistent StoresForeign JNDI ProvidersWork Contexts	🔿 Торіс	Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
v do I	O Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS dients. More Info
Configure JMS templates Configure destination keys	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
Configure topics Configure queues Configure connection factories	🔿 Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
onigure connection factories onfigure uniform distributed topics onfigure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More $\ensuremath{Info}\xspace\dots$
onfigure foreign servers onfigure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
tem Status	🔿 JMS Template	Defines a set of default configuration settings for multiple destinations. More $\ensuremath{\mathrm{Info}}\xspace\dots$
Ith of Running Servers Faled (0) Critical (0) Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported in the local duster or server instance, so that the local server instance or cluster can send nessages to the remote server instance or cluster. More Informations
		Succel intranet



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

🖉 Create a New JMS System Module Reso	source - fcubs113_domain - WLS Console - Windows Internet Explorer	- 2 🛛
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Change Center	🟦 Home Log Out Preferences 🖾 Record Help	113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JHS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Connection Factory Properties	
	The following properties will be used to identify your new connection factory. The current module is FCUBS_SystemModule.	
Domain Structure fcubs113_domain	*Indicates required fields	
Environment Deployments	What would you like to name your new connection factory?	
⊖-Services ⊖-Messaging JMS Servers	* Name: NotifyDestQCF	
Store-and-Forward Agents	What 3NDI Name would you like to use to look up your new connection factory?	
Path Services ⊞-Bridges	JNDI Name: NotifyDestQCF	=
Data Sources Persistent Stores	The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sh	arable?
Foreign JNDI Providers Work Contexts	Subscription Sharing Policy: Exclusive 💌	
How do I	The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscriber	rs.
Configure quotas for destinations Configure JMS templates	Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?	
Configure destination keys	Client ID Policy: Restricted	
Configure topics Configure queues	A connection factory can limit the number of messages that can queued for an asynchronous session. Should this connection factory impose a limit?	
Configure queues Configure connection factories	Haximum Messages per Session: 10	
Configure uniform distributed topics		
Configure uniform distributed queues	Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?	
Configure foreign servers Configure JMS SAF	V XA Connection Factory Enabled	
System Status	Back Next Finish Cancel	
Health of Running Servers		
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Done	Second Seco	🔍 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:

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Reases Configuration Reases Configuration Channel Statute Power Status Personal	Configuration button to allow others to edit the	Create a New JM5 System Module Resource	1
Domain Structure for basiling domain Provide for some and periods Provide for some and periods Provide for some and periods Provide for some and periods Provid	Lock & Edit	Back Next Finish Advanced Targeting Cancel	
Costal Surveys accost the default targets, then dick Advanced Targeting to use the subdedopment mechanism for targeting the resource. If the module's targets are changed, this resource will also be retargeted Description	Release Configuration	The following properties will be used to target your new JMS system module resource	
Provides The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Provides Store and Forward Agents Path Services The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Path Services The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Path Services The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Path Services The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Path Services The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Configure and Forward Agents The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Configure and Forward Agents The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Configure and Forward Agents The following XB system module resource. If the module's targets are changed, this resource will also be retargeted Configure and Forward Stored targets The following XB set	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 clck Advanced Targeting to use the subdeployment mechanism for targeting this resource.	
Image: Servers Image: Servers Image: Servers Image: Serve	Deployments El-Services	appropriately.	
Image: Participation Servers Image: Participation Image: Participation Image: Participation	··· JMS Servers	Targets :	
Image: Construction PlanagedServer1 Image: Configure 2NS templates Image: Configure 2NS templates Configure 2NS templates Image: Configure 2NS SAP System Status Image: Configure 2NS SAP System Status Image: Context (Image: 2NS SAP	··· JMS Modules	Servers	
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Configure connection factories Configure uniform distributed topols Configure find distributed queues Configure #V6 SAF System Status Felder of Running Servers Falder (0) Critical (0) Overloaded (0)			
Configure uniform distributed queues Configure foreign servers Configure XNIS SAF System Status Health of Running Servers Fale(0) Critical (0) Overbaded (0)			
Configure foreign servers Configure JWS SAF System Status Health of Running Servers Fallel (0) Ortical (0) Ortical (0) Control (0) C	Configure uniform distributed topics		
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System Status Health of Running Servers Falled (0) Critical (0) Overbaded (0)			
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	Done	🦉 Local intranet 🔍 100%	•



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

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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 Subdeployment button. You can also reconfigure subdegioyment pages.
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:

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Madua >FCUBS_SystemHodule Madua >FCUBS_SystemHodule Hereages Configure Info Undo Al Changes Madua >FCUBS_SystemHodule Configure Info Madua >FCUBS_SystemHodule Configure Info Subdeployments Targets Subdeployments Targets Subdeployments This page diploys general information about a 3MS system module and its resources. It also allows you to configure new resources and access existing resources. This page diploys general information about a 3MS system module and its resources. It also allows you to configure new resources and access existing resources. This page diploys general information about a 3MS system module and its resources. It also allows you to configure new resources and access existing resources. This page diploys general information about a 3MS system module and its resources. It also allows you to configure new resources and access existing resources. This page diploys general information about a 3MS system module, including queue and topic destinations, foreign servers, and store and forward parameters. Foreign 3XD Frowdes Foreign 3X	fcubs113_dor		
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Unde Al Changes main Structure Bill 3, domain Environment Deprivation Structure Environment Deprivation Public Servers Structure Public Servers This page summarizes the 2NS resources that have been created for this 2NS system module, including queue and topic destinations, connection factories, 3NS templates, destination sort Bibridges Presistent Stores Presistent Stores Presistent Stores Presistent Stores Storument Stores Configure 3NS system modules			
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Services Fullession P-Messaging Fulles P-Messaging psoft-aud-forward Agents P-Storward Agents psoft-aud-forward Agents P-Bridges psoft-aud-formarks D-Derefore			
Image: Servers Descriptor File Name: yms/FCL85_SystemModule-jms.xml The name of the 3MS module descriptor file. More Info Store and Forward Agents This page summarizes the 3MS resources that have been created for this 3MS system module, including queue and topic destinations, connection factories, 3MS templates, destination sort destination quite, distributed destinations, foreign servers, and store-and-forward parameters. Data Sources Foreign 1/DET Provides Foreign 1/DET Provides reduction Foreign 1/DET Provides Showing 1 to 2 of 2 Previo onfigure 3MS system modules Name Info Type 3HDI Name Subdeployments in 3MS system Name Info Type 3HDI Name Subdeployment Image: 3MS system Name Info Type 3HDI Name Subdeployment Targets	The name of this JMS system module. More Info		
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antigure subdeployments in JMS system III IN Name V Type JNDI Name Subdeployment Targets	Previous Nex		
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NOTIFY_DEST_QUEUE Queue NOTIFY_DEST_QUEUE FCUBS FCUBS_IMSServer	r		
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Uter Control Stores	Previous Nex		
Faled (0)			
Critical (0) Overloaded (0)			
Uveraaded (U) Warning (D)			
OK (2) valination			

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



The following screen will be displayed.

🕑 🕤 🔻 🙋 http://10.184.74.143:8888,	/console/console.portal?_nfpb=true&_pageLabel=JM5ConnectionFactorygeneralTabPage&handle=com.b	ea.console.handles.JMXHandle%28%22com 💙 😚 🗙 Google Powered Pandion Search 🛛
e <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp) McAfee' / <mark>·</mark> ▼		
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	Administration Console	Q
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domai
liew changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST./ Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	NORLD >Summary of JMS Servers >JMS
ending changes exist. They must be activated o take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Secu	nty
omain Structure	Save	
ubs113_domain 3-Environment Deployments 3-Services	=	hich includes various clent connection, default delivery, load balancing, and security parameters.
- Messaging	6 Name: NotifyDestQCF	The name of this JMS connection factory. More Info
Store-and Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a clustered JNDI namespace. More Info
⊕-Bridges …Data Sources …Persistent Stores	🔲 🍓 Default Targeting Enabled	Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Foreign JNDI Providers	- Advanced	
Work Contexts	Save	
low do 1		
Configure connection factories		
ystem Status		
ealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)	1	

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

Settings for NotifyDestQCF - fcubs113_	_domain - WLS Console - Windows Internet Explorer	
🚱 🗸 🖉 http://10.184.74.143:8888/cons	$nsole/console.portal?_nfpb=trueg._paget.abel=JMSConnectionFactorytransactionparamsTabPageghandle=com.bea.console.log_abstractionparamsTabPageghandle=com.bea.console.log_abs$	handles.JMXHandle%: 💙 🔄 Google Powered Pandion Search 🖉 🔹
Eile Edit View Favorites Tools Help		
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs11	113_domain - WLS	🟠 🔹 🔝 🕤 🖶 🔁 Bage 🖛 🎯 Tgols 🖛 🍟
	Administration Console	Q 🗠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JM Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	IS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Security	
Domain Structure	Save	
fcubs113_domain ▲ ⊡-Deployments ⊡-Services ⊡-Messaging □-JMS Servers □-Store-and-Forward Agents	Lize this page to define the transaction configuration for this 345 connection factory. You can define a transaction time factory is returned, which create sessions that are JTA user-transaction aware. Transaction Timeout: 3600	e-out value, and also indicate whether an XA queue or XA topic connection The lineout value (in seconds) for all transactions on connections created with this connection factory. More Enfo
	Carlo Save	Indicates whether a X4 queue or X4 topic connection factory is returned, instead of a queue or topic connection factory, an X4 connection factory can be used to create an X4Connection, which in turn may be used to create an X4Season, which turn may be used to obtain an X4Resource for use inside a transaction manager. More Enfo
Configure connection factories		
Eustern Status		
System Status		
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.

Settings for NotifyDestQCF - fcubs113	_domain - WLS Console - Windows Internet Explorer	×
() - E http://10.184.74.143:8888/cor	isole/console.portal?_nfpb=true%_pagel.abel=IMSConnectionFactorytransactionparansTabPage&hande=com.bea.console.handes.JMXHande%; 🛩 🐓 🗙 Google Powered Pandon Search 👘 🖉	•
Elle Edit View Favorites Tools Help		
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1	13_domain - WL5 👘 👻 🔂 🐑 📾 👻 🔂 Page 👻 🛞 Tools -	. »
	Administration Console	<u>^</u>
Change Center	🟦 Home Log Out Preferences 🖾 Record Help	
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.	Messages	
	Settings for NotifyDestQCF	
Undo All Changes	Configuration Subdeployment Notes	
Domain Structure fcubs113_domain	General Default Delivery Client Transactions Flow Control Load Balance Security	
Environment Deployments	Save	
-Store-and-Forward Agents	Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create assists that are JTA user-transaction aware.	
JMS Modules Path Services BBridges	Transaction Timeout: 3600 The timeout value (in seconds) for all transactions on connections created with this connection factory. More info	
Toata Sources Tersistent Stores Foreign JNDI Providers Work Contexts	A 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 or an be used to create an AXAcomection, which in turn may be used to obtain an XAResource for use inside a transactor manager. Which factors the sector of	
How do I Configure connection factories	Save	
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		

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

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

C Settings for NotifyDestQCF - fcubs113_	domain - WLS Co	nsole - Windows	Internet Explo	rer			
() + (interp://10.184.74.143:8888/con:	ole/console.portal?_n	fpb=true&_pageLab	el=http://10.184.7	4.143:8888/console/	/console.portal?_	nfpb=tri	rue&_pageLabel=JMSConnectionFactor 💌 🐓 🗙 Google Powered Pandion Search 🖉 🖓
Eile Edit View Favorites Iools Help McAfee							
😭 🏟 🌈 Settings for NotifyDestQCF - fcubs1	13_domain - WLS						🟠 🔻 🗟 👘 🖶 Bage + 🎯 Tools + ≫
	dministration Co	nsole					Q 🛆
Change Center	🔒 Home Log Ou	t Preferences 🔤 F	Record Help		Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >FLEXTEST Modules >FCUBS	WORLD >Summary of SystemModule >Notifi	of JMS Servers >Sum yDestQCF >FCUBS	nmary of JDBC Data Sc SystemModule >Notif	ources >FLEXTEST fyDestQCF	r.world	LD >Summary of JMS Servers >JMS
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes hi	ave been activated. I	No restarts are neo	essary.			
Release Configuration	Settings for Notif	VDestQCF					
notace comigaration	Configuration	Subdeployment	Notes				
Domain Structure fcubs113 domain	General Defau	It Delivery Clent	Transactions	Flow Control La	oad Balance Se	ecurity	
⊕ "Environment → Deployments ⇒ Services → Messaging → MS Servers → Store and Ponard Agents → TMS Modules → Path Services	Save Use this page to	<i>Edit</i> button in the C define the transacti ed, which create ses	on configuration for	r this JMS connection	factory. You can	i define a	e a transaction time-out value, and also indicate whether an XA queue or XA topic connection
B-Bridges Data Sources Persistent Stores	Transaction Tir	neout:					The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info
Foreign JNDI Providers Work Contexts How do I Configure connection factories	Save	nection Factory E	nabled				Indicates whether a X4 queue or X4 hopic connection factory is returned, instead of a queue or tobic connection factory. Ar X4 connection factory can be used to create an X4Connection, which in turn may be used to create an X4Resson, which in turn may be used to obtain an X4Ressource for use inside a transaction manager. More Infig
System Status	Click the Lock 8	<i>Edit</i> button in the C	hange Center to m	odify the settings on	this page.		
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0) Warning (0)							
OK (2)							



7.3 Configuring Weblogic for PMGateway

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

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

7.4 Configuring Weblogic for Oracle FLEXCUBE

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

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

🖉 Home Page - fcubs113_domain - WLS	Console - Windows Internet Explorer			
🕑 👽 😰 http://10.184.74.143.68880/console.joonsole.pontal?_rfspb=true8_page1abel=HomePage1 🔮 🐓 🔀 Google Powered Pardon Search 🖉				
Elle Edit View Favorites Iools Help • McAfee // •				
😭 🏟 🏀 Home Page - fcubs113_domain - W	LS Console		🏠 👻 🔝 🕤 👘 🔹 🔂 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 JMS Servers >Summary of JDBC Data Modules >FCUBS_SystemModule >NotifyDestQCF >FCUB	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS IS_SystemModule >NotifyDestQCF > fcubs113_domain		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page			
Lock & Edit	— Information and Resources			
	Helpful Tools	General Information		
Release Configuration	 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 		
Deployme fcubs113_domainServices	- Domain Configurations			
☐ 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	
Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules	
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images	
How do I	Coherence Servers	 Persistent Stores 	Request Performance	
	Coherence Clusters	 XML Registries 	Archives	
Search the configuration	Machines	 XML Entity Caches 	Context	
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP	
Record WLST Scripts	 Startup And Shutdown Classes 	 Work Contexts 		
Change Console preferences		• jCOM	Charts and Graphs	
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard	
System Status	Deployments	 FileT3 JTA 		
Health of Running Servers	Manual Application in Computer Contribution	• JIA		
	Your Application's Security Settings Security Realms			
Failed (0)	Security realits			
Critical (0)				
Overloaded (0)				
Warning (0)				
ОК (2)				



The following screen is displayed:

	113_domain - WLS Console - Windows Internet Ex	plorer			
+ 10 http://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigGer	neralPage&DomainCo	nfigGeneralPortlethandle=com	bea.console.handles.JMXHand 💙 🐓 🗙 Google Powered Pandion Search	
Edit View Favorites Tools Help AcAfoo //					
🖉 🄏 Settings for fcubs113_domain - fcu	os113_domain - W			🟠 🔹 🔝 👘 🔹 🔂 Eage 🕶 🎯 T <u>o</u> ols	
RACLE WebLogic Server®	Administration Console			Ģ	
ge Center	🟦 Home Log Out Preferences 🔤 Record Help	9		Welcome, weblogic Connected to: fcubs113_doma	
changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data So Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_S			JMS	
ending changes exist. Click the Release guration button to allow others to edit the	Settings for fcubs113_domain				
in. Lock & Edit	Configuration Monitoring Control Security We	eb Service Security	Notes		
Release Configuration	General JTA JPA EJBs Web Applications Lo	ogging Log Filters			
Release corrigination	Save				
ain Structure					
s113 domain vivronment eployments ervices P-Messaging	A domain is a collection of WebLogic Server instances that domain. * Indicates required fields	it is managed by a sin	gle Administration Server. Use	this page to configure administrative options that apply to all servers in the current	
JMS Servers Store-and-Forward Agents JMS Modules	* Name: fcubs113_domain			The name of this WebLogic Server domain. More Info	
Path Services BridgesData SourcesPersistent Stores	Enable Administration Port			Specifies whether the domain-wide administration port should be enabled for this WebLogic Server domain. Because the administration port uses SSL, enabling the administration port requires that SSL must be configured for all servers in the domain. More Info	
Foreign JNDI Providers					
Work Contexts	Administration Port:	9002		The common secure administration port for this WebLogic Server domain. (Requires you to enable the administration port.) More Info	
do I ange Console preferences nfigure the domain-wide administration port	Administration Port: 셸 Production Mode:	9002 true		The common secure administration port for the WebLogic Server domain. Researces you to enable the domain run in production mode. Once enabled, this can only be disabled in the admin server startup command Ine. More Info	
do L. ange Console preferences infigure the domain-wide administration port three configuration files able the Console em Status				(Requires you to enable the administration port.) More Info Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command	
do I ange Console preferences ange Console preferences ange console preferences able the console able th	④ Production Mode:			Creates you to enable the administrator port.) More Info Specifies whether all servers in the domain run in production mode. Once enabled, its can only be disabled in the admin server startup command ine More Info Specifies whether optimizators for Onade Evalogic should be enabled. Optimizations include improved thread management and request processing, and reduced look contention. This attribute should be enabled only when emailed look contention. This attribute should be enabled only when emailed look contention. This attribute should be enabled only when emailed look contention. This attribute who are not reduced by the enabled only when emailed look contention. This attribute who are not reduced by the enabled only when the theorements in Onder Welcocit Server 11a	
do I ange Console preferences onfigure the domain-wide administration port trive configuration files able the Console em Status Falled (0) Critical (0) Critical (0) Warning (0)		true		Creaters you to enable the advance non-port.) More Infe Specifies whether all servers in the domain run in production mode. Once enabled, the can only be dealed in the advance server stratup, command iter. More Inffe Specifies whether constrations for Oracle Evalogic should be enabled. Optimizations include improved thread management and request processing, and reduced lock contention. This attribute should be enabled only when comfiguring a Webkage comman for Oracle Evalogic. For more information, see Referent 1(0:3-90 ⁺ in the Oracle Evalogic Deployment Guide. More Infigu- Dosoffies that deployments targeted to a duster succeed only if all servers in	
do I ange Console preferences nnfigure the domain-wide administration port three configuration files abile the Console em Status Em Status Falled (0) Critical (0) Overloaded (0)	Production Hode: Brable Exalogic Optimizations Beref: Enable Cluster Constraints	true		Presses you to enable the advanceration part.) More Info Specifies whether all servers in the domain run in production mode. Once enabled, its on only be dealed in the admin server statup, command ine More Info Specifies whether optimizations find. Oracle Exalging should be enabled only the dealed in the admin server statup, command inc More Info Specifies whether optimizations find. Oracle Exalging should be enabled only whether optimizations find. Server 11: Reserver 11:	
do I ange Console preferences onfigure the domain-wide administration port trive configuration files able the Console em Status Falled (0) Critical (0) Critical (0) Warning (0)	Image: Production Hode: Image: Reable Exalogic Optimizations Image: Reable Cluster Constraints Image: Reable Cluster Constraints Image: Reable Cluster Constraints	true		Creaters you to make the advantation port.) More Info Specifies whether all servers in the domain run in production mode. Once enabled, the on only be dealed in the adm server startup command line. More Info Specifies whether optimizations for Oracle Evalogic should be enabled. Optimizations include improved thread management and request processing, and reduced lock contentions. This attituit's should be enabled only when configuring a Visit logic domain for Oracle Evalogic. For more information, see Release 1 (10.3-9)* in the Oracle Evalogic Dealogic. For more information, peoples whether internal applications acute as unceeded only if all servers in the duster are running. More Info Specifies whether internal applications acute as the console, uddl, visitestelent, server startup. More Info Specifies whether the flucture startup console, instand of during	



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

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

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



🗘 Settings for fcubs113_domain - fcubs113_domain - WLS Console - Windows Internet Explorer					
😨 🕞 🔻 👔 http://10.194.74.143.8888/console.console.console.portal?_rfpb=trueb_paget.abel=DomanConfigWebAppPagebhande=com.bes.console.handes.JW94nde%28%22com.bes%34Va 💌 🔄 🔀 🔀 Coccile Powered Pandon Search 👘 🖉					
Ele Edit View Favorites Tools Help					
🔶 🏟 🌈 Settings for fcubs113_domain - fcubs	113_domain - W	🏠 👻 🗟 👘 🖶 2age 🗸 🎯 Tgols 🗸 🎽			
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info			
	UebLogic Plugin Enabled	Specifies whether or not the proprietary VIL-Proxy-Client-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info			
	✓ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info			
		Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info			
	WAP Enabled	Indicates whether the session ID should include JVM information. (Checking this box may be necessary when using URL: remriting with WAP devices that limit the size of the URL to I23 darracters, and may also affect the use of replicated sessions in a cluster.) When this box is selected, the default size of the URL will be set at 52 darracters, and it will not contain any special characters. More info			
	Post Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent derial-of-service attacks that attempt to overload the server with POST data.) More Info			
	Maximum Post Time: -1	Max Post Time (n seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info			
	Maximum Post Size: _1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More info			
	☑ Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info			
	d€ P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Vieb site. More Info			
	JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not confirm to the JSP.0. specification. This property exists for backward compatibility. More Info			
		Global property to determine the behavior of getReaPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info			
	Save				



C Settings for fcubs113_domain - fcubs11	3_domain - WLS Console - Windows Internet Explorer	- C 🗵
😋 💽 👻 🙋 http://10.184.74.143:8888/consol	vle/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle^	%28%22com.bea%3ANa 💙 🔄 K Google Powered Pandion Search 🖉 🔎
Elle Edit View Favorites Tools Help		
🚖 🏟 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🏠 🔹 🔜 👘 🖶 🖓 Page 🗸 🎯 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
	V Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info
	🕑 🏨 Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "false", the previous sessionID will be retained even after authorization. More Info
	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 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
	🗹 🎼 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
	V 🖑 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 - fcubs1	113_domain - WLS Console - Windows Internet Explorer	N
A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:88888/con A ttp://10.184.74.143 A ttp://10.184.74 A ttp://10.184.74 A ttp://10.184.74 A ttp://10.184 A t	nsole/console.portal?_nfpb=true&_pageLabel=DomainConfigWebAppPage&handle=com.bea.console.handles.JMXHandle	%28%22com.bea%3ANa 💙 🔸 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edit View Favorites Tools Help		
⊙ McAfee'		• • • • • • • • •
🔗 Settings for fcubs113_domain - fcub	os113_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 >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF > fcubs113_domain	
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	 Settings updated successfully. 	
Undo All Changes	Settings for fcubs113_domain	
	Configuration Monitoring Control Security Web Service Security Notes	5
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
fcubs113_domain	Save	
Deployments		
Messaging	Use this page to define the domain-wide Web application configuration settings.	
····JMS Servers ···Store-and-Forward Agents		
JMS Modules	🔲 🚜 Relogin Enabled	Beginning with the 9.0 release the FORM/BASIC authentication behavior has been modified to conform strictly to the J2EE Specification. If a user has
Bridges Data Sources		logged-in but does not have privileges to access a resource, the 403 (FORBIDDEN) page will be returned. Turn this flag on to enable the old
Persistent Stores		behavior, which was to return the user to the login form. More Info
Foreign JNDI ProvidersWork Contexts	🗌 🎼 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user roles
How do I		that should be permitted access to this resource collection. Here role-name = "*" is a compact syntax for indicating all roles in the Web application. In
Deploy Web applications		previous releases, role-name = "*" was treated as all users/roles defined in the realm. This parameter is a backward-compatibility switch to restore old
Stop deployed Web applications		behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.xml
Delete Web applications		(container-descriptor -> allow-all-roles) takes precedence (if set) over this value. More Info
Update run-time descriptors		Indicates whether or not to apply filters to dispatched requests. This is a
System Status	49 Filter Dispatched Requests	backward compatibility flag. Until version 8.1, WebLogic Server applied ServietFilters (if configured for the Web application) on request dispatches
Health of Running Servers		(and includes/forwards). Servlet 2. 4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher=REQUEST. In
Failed (0)		order to be complaint with the JZEE specification, the default value for FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0.
Critical (0)		Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then WebLogic Server automatically uses
Overloaded (0)		FilterDispatchedRequestsEnabled = true for the Web applications, unless filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml.
Warning (0) OK (2)		This means that old applications will work fine without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration
		plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container against low memory conditions. When a low memory situation occurs, new
		against low memory conductors, when a low memory situation occurs, new session creation attempts will result in weblogic.servlet.SessionCreationException. The application code needs to
I		catch this exception and take proper action. Alternatively appropriate error-
Dope		Social 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		
	nsole/console.portal?_nfpb=true&_pageLabel=MailMailSessi	ionTablePage		Google Powered Pandion Search
Elle Edit View Favorites Tools Help				
😭 🏟 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C			🏠 🔹 🖾 👘 🖶 🔛 Bage 🖛 🎯 Tools 🗸 🎽
ORACLE WebLogic Server®	Administration Console			Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO Modules >FCUBS_SystemModule >NotifyDestQCF >FCU		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.		Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have be	en configured in the current WebLogic Server d	omain.	
JMS Servers Store-and-Forward Agents JMS Modules Path Services B	Customize this table Mail Sessions Click the Lock & Editbutton in the Change Center to	o activate all the buttons on this page.		
Data Sources Persistent Stores	New Clone Delete			Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🗌 Name 🔅	Properties	JNDI Na	me
XML Registries XML Entity Caches		There are no ite	ns to display	
	New Clone Delete			Showing 0 to 0 of 0 Previous Next
How do I				
Configure access to JavaMail Target mail sessions Delete mail sessions System Status Failed (0) Overbaded (0) Ov				

2. Click 'Lock & Edit'.

C Summary of Mail Sessions - fcubs113_	domain - WLS Console - Windows Internet Exp	olorer		_ d 🗙			
🚱 🕤 👻 🙋 http://10.184.74.143:8888/cor	💌 🐓 🔀 Google Powered Pandion Search	Google Powered Pandion Search					
Ele Edit View Favorites Tools Help							
👷 🏘 🏉 Summary of Mail Sessions - fcubs11	3_domain - WLS C		🏠 🔹 🗟 👘 🖶 Bage 🕶 🄇) Tools • "			
ORACLE WebLogic Server®	Administration Console			Q			
Change Center	🚹 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113	_domain			
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WG Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	DRLD >Summary of JMS Servers >JMS JBS_SystemModule >NotifyDestQCF >fcubs113_do	nain >Summary of Mail Sessions				
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions						
Lock Ect Release Confouration Domain Structure Messaging Mess	Mail sessions facilitate the process of using the Java Protocol (SMTP)-caable mail servers on your netwo This page summarizes the mail sessions that have be Customize this table Mail Sessions	rk or the Internet.	JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Tran omain.	isfer			
Path Services BBridges	Click the Lock & Edit button in the Change Center t	o activate all the buttons on this page.					
Data Sources	New Clone Delete		Showing 0 to 0 of 0 Previous	Next			
Foreign JNDI Providers Work Contexts	Image: Name A Properties JHDI Name						
XML Registries XML Entity Caches		There are no ite	ns to display				
-jCOM Mail Sessions	New Clone Delete Showing 0 to 0 of 0 Previous Next						
How do I							
Configure access to JavaMail Target mail sessions Delete mail sessions							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0) OK (2)							
UK (2)							



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

Summary of Mail Sessions - fcubs113_	domain - WLS Console - Windows Internet E	xplorer			🛛	
A ttp://10.184.74.143:8888/con A ttp://10.184.74.143:8888/con A ttp://10.184.74.143.844.143.143.144.144.144.144.144.144.144.1	🖌 😽 🗙 Google Powered Pandion Search					
File Edit View Favorites Tools Help						
😭 🏟 🔘 Summary of Mail Sessions - fcubs113	3_domain - WLS C			🏠 🔹 🖾 🔹 🖶 🔹 📴 Bage 🕶 🎯 T	r <u>o</u> ols • '	
	Administration Console				Q	
Change Center	🏠 Home Log Out Preferences 🖾 Record Help	Q		Welcome, weblogic Connected to: fcubs113_do	main	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST./ Modules >FCUB5_SystemModule >NotifyDestQCF >F		omain >Summary of Mail Sessions			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Hail Sessions					
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Ja Protocol (SMTP)-capable mail servers on your net This page summarizes the mail sessions that have	work or the Internet.		Message Access Protocol (IMAP)- and Simple Mail Transfe	r	
Domain Structure						
Messaging JMS Servers	Customize this table					
Store-and-Forward Agents	Mail Sessions (Filtered - More Columns Exis	st)				
JMS Modules	New Clone Delete			Showing 0 to 0 of 0 Previous Nex	*	
B-Bridges						
Data Sources	🔲 Name 🗇	Properties	JNDI Na	me		
Persistent Stores Foreign JNDI Providers		There are no it	eme to display		-	
Work Contexts		There are no to	enia to display		-	
XML Registries	New Clone Delete			Showing 0 to 0 of 0 Previous Next		
XML Entity Caches					- 11	
jCOM Mail Sessions					_	
How do L						
Configure access to JavaMail						
Target mail sessions						
Delete mail sessions						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer		
🕞 🕞 🗸 🙋 http://10.184.74.143:8888/con	Google Powered Pandion Search		
File Edit View Favorites Tools Help • McAfee			
🚖 🕸 🌈 Create a New Mail Session - fcubs11	3_domain - WL5	🏠 🔹 🔝 🔹 🖶 🔹 📴 Bage 🗸 🎯 Tgols 🗸 👌	
	Administration Console	Q	
Change Center	🏫 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mail Sessions		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New Hall Session Back Next Finish Cancel Hall Session Properties Hall Session Properties Hall Session Properties		
Domain Structure	The following property will be used to identify your new mail session. Tindicates required fields		
Fubsili3_domain Image: Contract of C	What would you like to name your new mail session? * Name: FCUBSMailSession Solution Solution Solution Solution Solution Final: .sntps .ort=stbeehive.oracle.com mail.sntps .nuth=rrue mail.snt		
Critical (0) Overloaded (0) Warning (0) OK (2)			



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

Name

FCUBSMailSession

JNDI Name

mail/FCUBSMail

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

Java Mail Properties

mail.host=<HOST_MAIL_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS_SERVER_PORT>

Eg: 1010

mail.transport.protocol=<MAIL_TRANSFER_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST_SMTPS_MAIL_SERVER>

Eg: samplename.mail.com

6. Click 'Next'.



The following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WLS Console - Windows Internet Explorer					
😋 🕤 👻 http://10.184.74.143:8888/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_domain - WLS	🏠 🔹 🔝 🔹 🖶 🔹 📴 Page 🔹 🎯 T <u>o</u> ols 🔹 🎽				
	Administration Console	Q				
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >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	Hail Session Targets					
Domain Structure	session.					
fcubs113_domain	When you target all or part of a cluster, the Administration Console initiates a two-phase deployment. In general, such a deployment ens	sures that if the deployment fails for one active server, it				
Deployments	fails for all active servers.					
⊕-Services ⊕-Messaging						
···· JMS Servers						
Store-and-Forward Agents	AdminServer					
Path Services						
Beridges Data Sources	✓ ManagedServer1					
···Persistent Stores						
Foreign JNDI Providers	Back Next Finish Cancel					
How do I						
Configure access to JavaMal						
Configure access to JavaMail Target mail sessions						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						

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

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

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE UBS Installer.



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

C Summary of Mail Sessions - fcubs113	_domain - '	WLS Console - W	indows Internet Explore	er -					- • •
	nsole/console	e.portal?_nfpb=true8	_pageLabel=MailMailSessionTa	blePage			Google Pov	vered Pandion Search	P -
Elle Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp • McAfee									
🚖 🏟 🌈 Summary of Mail Sessions - fcubs 1 1	13_domain - V	WLS C					🙆 • 🔊 ·	🖶 🔹 🔂 Bage 🔹 🄇	≯Tools • '
ORACLE WebLogic Server®	Administr	ation Console							Q
Change Center	🔒 Hom	ne Log Out Preferer	ces 🔤 Record Help		L		Welcome, weblogic Co	nnected to: fcubs113	_domain
View changes and restarts			ta Sources >FLEXTEST.WORLD : lule >NotifyDestQCF >FCUBS_S		vers >JMS NestQCF >fcubs113_domain > Sum	mary of Mail Sessions			
Pending changes exist. They must be activated to take effect.	Messag	es							
Activate Changes	📀 Ma	all session created su	ccessfully.						
Undo All Changes	Summa	ry of Mail Session							
Domain Structure □ Messaging ▲ □ MS Servers ▲ □ MS Notices ↓ □ MS Notices ↓ □ Path Services ⊕ ⊕ Bridges ↓	Proto This p	col (SMTP)-capable m	process of using the JavaMall A all servers on your network or nail sessions that have been co	the Internet.	pplications and other J2EE modu nt WebLogic Server domain.	les with access to Interne	t Message Access Protocol (IMA	P)- and Simple Mail Tran	ısfer
Data Sources Persistent Stores	New						Chaustan	1 to 1 of 1 Previous	
Foreign JNDI Providers	New						Snowing	I to I of I Previous	Next
XML Registries		Name 💫	Properties					JNDI Nam	e
-јсом		FCUBSMailSession	mail.smtps.auth=true mail.sn	ntps.port=smtps mai	.smtps.host=stbeehive.oracle.c	com mail.smtps.debug=tru	e mail.host=stbeehive.oracle.co	m mail/FCUBS	Mail
How do T	New	New Clone Delete Showing 1 to 1 of 1 Previous Next							
NOW 00 1									
Configure access to JavaMail Target mail sessions									
Delete mail sessions									
System Status									
Health of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0)									
OK (2)									

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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