

Web Services Installation Guide
Oracle Financial Services Lending and Leasing
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1. Preface

For recommendations on security configuration, refer Security Configuration Guide.

This document contains notes and installation steps needed to install Web Services. Oracle Financial Services Lending and Leasing relies on several pieces of Oracle software in order to run and this document is in no way meant to replace Oracle documentation supplied with the Web Services product or available via Oracle technical support. The purpose of this document is only meant to supplement the Oracle documentation and to provide Oracle Financial Services Lending and Leasing specific installation instructions.

It is assumed that anyone installing Oracle Financial Services Lending and Leasing will have a thorough knowledge and understanding of Web Services.

This guide covers the following processes.

1. [Installing Web Services Database Objects](#)
2. [Deploying Application Interface Web Services](#)
3. [Configuring Weblogic Policy on Web Services](#)

1.1 Prerequisites

1. Download and Install the Oracle WebLogic Server 11gR1 Version 10.3.5 from <http://www.oracle.com/technetwork/middleware/weblogic/downloads/wls-main-097127.html>
2. It is assumed that the Oracle Financial Services Lending and Leasing DB is installed and configured, before running the Web Services installer.

1.2 Audience

This document is intended for system administrators or application developers who are installing Oracle Financial Services Lending and Leasing Application.

1.3 Conventions Used

| Term | Refers to |
|-------------|---|
| Application | Oracle Financial Services Lending and Leasing |

2. Installing Web Services Database Objects

Download and unzip the the Webservices database - OFSLLXWS.zip.

Run `$./installofsllxwsdb.sh`

```
[pthaker@ofss220059 /tmp]$ ./installofsllxwsdb.sh
```

This installer adds the required tables and packages to the application database.

```
Important Note:
-----

It is expected to have the OFSLL Application DB been installed
and configured
before running this installer.

This installer adds the required tables and packages to the sa
me OFSLL DB schema.

Continue? [y/n]: y
```

Enter 'y' when prompted to continue.

```
Continue? [y/n]: y

What is the Oracle Financial Services Lending and Leasing
Home Path? (usually /home/ofsl1): /scratch/work_area/DEV/QA126

OFSLLHOME=/scratch/work_area/DEV/QA126
Okay? [y/n]: y
```

| Script Prompts | Description and Action Required |
|---|---|
| Oracle Financial Services Lending and Leasing Home Path | Enter the path to the home directory. This is referred to as \$OFSLL_HOME. Enter 'y' when prompted for. |

```
What is the Oracle DB Home Path? /scratch/db/db1123/product/11.2.0.3/dbhome_1

ORAHOME=/scratch/db/db1123/product/11.2.0.3/dbhome_1
Okay? [y/n]: y

What is the Oracle SID? OFSLLT
```


| Script Prompts | Description and Action Required |
|---------------------|--|
| Oracle DB Home Path | Enter the path to the Oracle DB home directory. This is referred to as \$ORACLE_HOME. Enter 'y' when prompted for. |
| Oracle SID | Enter the Name of Oracle Instance. Enter 'y' when prompted for. |

```

Important Note:
-----

Here is a list of CRITICAL environment variables and their settings:

PATH=/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/X11R6/bin:/usr/local/ade/bin:/scratch/db/db1123/product/11.2.0.3/dbhome_1/bin
ORACLE_HOME=/scratch/db/db1123/product/11.2.0.3/dbhome_1
ORACLE_SID=OFSLLT
OFSLL_HOME=/scratch/work_area/DEV/QA126

With the above environment, you should be able start SQLPlus and connect to the database. Do not continue if you cannot. Correct the environment and restart this script when it is correct

```

The script lists and sets the CRITICAL environment variables

```

Continue? [y/n]: y
.....
Oracle Financial Services Lending and Leasing Webservices Database Object Installation

The following items are available for installation:

1. database types           (134)
2. database tables         (1075)
3. database views          (269)
4. database trigger        (4)
5. database package specs  (3010)
6. database package bodies (3006)
7. System Seed Data        (67666)

Continue with Installation? [y/n] : 

```

Enter 'y' when prompted to continue. A list of items available for installation are listed. Enter 'y' when prompted to 'Continue with Installation'.

```
Continue with Installation? [y/n] : y

Log files will be located in /scratch/work_area/DEV/QA126/logs/ofsl1_xws_install_log
s
Press Enter to Continue...

What is the Oracle userid (schema name) that will own the Oracle Financial Services
Lending and Leasing
objects? (usually ofsl1prd): QA126

What is the password for this userid:

Installing Type objects...\C
@./xws_evw.sql
```

Sets the path for the location of log files. Press 'Enter' to continue.

| Script Prompts | Description and Action Required |
|--|---------------------------------|
| Oracle User ID that will own the Oracle Financial Services Lending and Leasing objects | Valid User ID |
| Password for this User ID | Valid Password |

The script installs the objects.

```
PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

Commit complete.

Recompiling Invalid Objects...
mv: cannot stat `/tmp/recomp_obj..23135.log': No such file or directory

Oracle Financial Services Lending and Leasing Webservices DB Object Installation Com
plete.
```

While installing, the script recompiles the invalid objects and completes the installation of DB objects.

3. Deploying Application Interface Web Services

3.1 Prerequisites

Data Sources

The data sources must be created on the application database with following JNDI names.

- "jdbc/dbk105nIEJBDS
- "jdbc/dbkwsDS
- "jdbc/IN1HukWznG0b4esj

Unzip the ear to folder

- Unzip dbkls-xws-app.ear/dbkls-xws-web.war to the folder dbkls-xws-app
- Unzip dbkls-xws-app-ds.ear/dbkls-xws-web-ds.war to the folder dbkls-xws-app-ds
- Unzip dbkls-xws-app-dt.ear/dbkls-xws-web-dt.war to the folder dbkls-xws-app-dt
- Unzip dbkls-xws-app-ro.ear/dbkls-xws-web-ro.war to the folder dbkls-xws-app-ro

After unzipping the war file to directory, the directory will have the following structure.

dbkls-xws-app/ dbkls-xws-app-ds/ dbkls-xws-app-dt/ dbkls-xws-app-ro

WEB-INF (directory)

- classes (directory)
 - config
 - class files (in package folders)
- lib (directory)
 - commons-logging-1.0.4.jar
 - jdom.jar
 - soap-2.3.1.jar
- wsdl (directory)
 - *.wsdl
- *-java-wsdl-mapping.xml
- web.xml
- weblogic.xml
- weblogic-webservices.xml
- weblogic-webservices-policy.xml
- webservices.xml

Import Certificates to keystore

1. The JKS(dls_cacerts) should be available under /WEB-INF/classes/config.
2. Save all the certificates from the vendor website. Note to save the certificates in "Base-64 encoded X.509(.CER)" and with extn .cer
3. Run following command to import certificate into JKS(dls_cacerts)
 - "keytool -keystore <Key store Path> /dls_cacerts -import -trustcacerts -file <Certificate location in file system>\xxx.cer -alias <alias as mentioned in config file>

4. Run following command to view details of certificate like expiration date of certificate etc.
- "keytool -list -rfc -alias alias <alias as mentioned in config file> -keystore <Key store Path> /dls_cacerts
 - "keytool -list -v -alias alias <alias as mentioned in config file> -keystore <Key store Path> /dls_cacerts

Modifying Configuration Files

Route One Configuration

| Property Name | Property Value | Description | Remarks |
|---|---|---|--|
| Configuration File: ro_servlet_init.conf | | | |
| LOSAppli-cationRequest-ServiceURL | http://<HOST NAME>:<PORT>/<CONTEXT ROOT>/LOSAppli-cationRequestSer-vice | URL for OFSLL New application web ser-vice | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host-name:port/dbkls-xws-app-ro/LOSAppli-cation-RequestService |
| LOSAppli-cationUpdate-ServiceURL | http://<HOST NAME>:<PORT>/<CONTEXT ROOT>/LOSAppli-cationUpdateSer-vice | URL for OFSLL application update web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host-name:port/dbkls-xws-app-ro/LOSAppli-cationUpdateService |
| keystoreLoca-tion | config/dls_cacerts | Parameter to set key-store location | The keystore location should not be changed and keystore should be available in this location |
| keystorePass-word | changeit | The keystore pass-word | The default password is "changeit". Modify the property in case the pass-word is different for the keystore. |
| roKeyAlias | routeone_pub | RouteOne's public key alias name. The public key is needed to verify the xml sig-nature of the request. | You may import the route one public key with alias "routeone_pub" else modify the property value to alias used while importing the public key into keystore. |
| sscroKeyAlias | ofss_routeone | OFSLL's private key alias name. The pri-vate key is used to sign xml response to RouteOne | You may import the pri-vate key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |
| sscroKeyPass-word | demotestSSCR1 | OFSLL's private key password | demotestSSCR1 is a sample value |

| Property Name | Property Value | Description | Remarks |
|--|--|---|--|
| postURL | https://messaging.itl.routeone.net/IF1_ITL/CASSB-MessagingReceiver | URL for posting acknowledgement message to Route one | Verify the URL with Route One |
| fileLocation | /tmp | temporary file directory | The directory for temporary files. Make sure that such directory exists on the deployment server |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xae_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| application-Source | ROUTEONE | Parameter to set application source | Don't modify this value |
| dealerElementName | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |

| Property Name | Property Value | Description | Remarks |
|----------------------|------------------------|---|---|
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| fileDelimiter | , | Delimiter used in dealer header file | Needed only for RouteOne |
| jndiLookupDataSource | jdbc/IN1Huk-WznG0b4esj | Parameter that defines the JNDI look up for the applicaton datasource | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystorePassword | changeit | The keystore password | The deafult password is "changeit". Modify the property in case the password is different for the keystore. |
| sscroKeyAlias | ofss_routeone | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |
| sscroKeyPassword | demotestSSCR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |

| Property Name | Property Value | Description | Remarks |
|--|---------------------|--|---|
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xcl_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| dealerElementName | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| fileDelimiter | , | Delimiter used in dealer header file | |
| jndiLookupDataSource | jdbc/dbk105nIE-JBDS | Parameter that defines the JNDI look up for the applicaton datasource | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystorePassword | changeit | The keystore password | The deafult password is "changeit". Modify the property in case the password is different for the keystore. |
| sscroKeyAlias | ofss_routeone | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |

| Property Name | Property Value | Description | Remarks |
|--|---|--|---|
| sscroKeyPass-word | demotestSSCR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| Configuration File: Logging.properties | | | |
| handlers | java.util.log- ging.FileHandler, java.util.log- ging.Console- Handler | | |
| java.util.log- ging.File- Handler.level | ALL | | |
| java.util.log- ging.File- Handler.patter n | /somewhere/logs/ dbkls_xws_%g.log | | |
| java.util.log- ging.File- Handler.limit | 1000000 | | |
| java.util.log- ging.File- Handler.count | 4 | | |
| java.util.log- ging.File- Handler.append d | true | | |
| java.util.log- ging.File- Handler.format ter | java.util.log- ging.SimpleFor- matter | | |
| java.util.log- ging.Console- Handler.level | WARNING | | |
| java.util.log- ging.Console- Handler.format ter | java.util.log- ging.SimpleFor- matter | | |
| com.ofss.fll.xw s.level | FINER | set the logging level for the application | Other Level values -- FIN- EST,FINE,CONFIG and INFO |

Dealer Track

| Property Name | Property Value | Description | Remarks |
|---|---|---|---|
| Configuration File: dt_servlet_init.conf | | | |
| LOSAppli- cationRe- questServ iceURL | http://<HOST NAME>:<PORT>/ <CONTEXT ROOT>/LOSAppli- cationRequestSer- vice | URL for OFSLL New application web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host- name:port/dbkls-xws-app- dt/LOSAplicationRe- questService |
| LOSAppli- cationUp- dateServi- ceURL | http://<HOST NAME>:<PORT>/ <CONTEXT ROOT>/LOSAppli- cationUpdateSer- vice | URL for OFSLL applica- tion update web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host- name:port/dbkls-xws-app- dt/LOSAplicationUp- dateService |
| postTime- out | 10 | Parameter to set timeout value to post XML mes- sage to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/ off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xae_init.conf | | | |
| lenderId | SOME- LENDER_ID | The finance source iden- tifier used in the dealer file | SOMELENDER_ID is a sample value |
| lender- Name | SOME_LENDER_ NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| applica- tion- Source | DEALERTRACK | Parameter to set applica- tion source | Don't modify this value |

| Property Name | Property Value | Description | Remarks |
|--|------------------------|---|---|
| dealerElement-Name | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| jndi-Lookup-DataSource | jdbc/IN1Huk-WznG0b4esj | Parameter that defines the JNDI look up for the application datasource | Don't modify the value |
| keystore-Location | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xcl_init.conf | | | |
| lenderId | SOME_LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lender-Name | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |

| Property Name | Property Value | Description | Remarks |
|---|--|--|---|
| dealerElement-Name | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| fileDelimiter | , | Delimiter used in dealer header file | Needed only for RouteOne |
| jndi-Lookup-DataSource | jdbc/dbk105nE-JBDS | Parameter that defines the JNDI look up for the application datasource | Don't modify the value |
| keystore-Location | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| sscroKey Alias | ofss_routeone | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |
| sscroKey-Password | demotestSSCR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| Configuration File: Logging.properties | | | |
| handlers | java.util.logging.FileHandler, java.util.logging.ConsoleHandler | | |
| java.util.logging.FileHandler.level | ALL | | |

| Property Name | Property Value | Description | Remarks |
|--|-----------------------------------|---|---|
| java.util.logging.FileHandler.pattern | /somewhere/logs/dbkls_xws_%g.log | | |
| java.util.logging.FileHandler.limit | 1000000 | | |
| java.util.logging.FileHandler.count | 4 | | |
| java.util.logging.FileHandler.append | true | | |
| java.util.logging.FileHandler.formatter | java.util.logging.SimpleFormatter | | |
| java.util.logging.ConsoleHandler.level | WARNING | | |
| java.util.logging.ConsoleHandler.formatter | java.util.logging.SimpleFormatter | | |
| com.ofss.fll.xws.level | FINER | set the logging level for the application | Other Level values -- FINEST,FINE,CONFIG and INFO |

EDOCS

| Property Name | Property Value | Description | Remarks |
|---|---|---|---|
| Configuration File: ds_servlet_init.conf | | | |
| LOSeApplication-RequestServiceURL | http://<HOST NAME>:<PORT>/<CONTEXT ROOT>/LOSeApplicationRequestService | URL for OFSLL eDocs Create/update application web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host-name:port/dbkls-xws-apps/LOSeApplicationRequestService |
| LOSeApplication-CommentUpdateServiceURL | http://<HOST NAME>:<PORT>/<CONTEXT ROOT>/LOSeApplicationCommentUpdateService | URL for OFSLL eDocs comment update web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host-name:port/dbkls-xws-apps/LOSeApplicationCommentUpdateService |
| LOSeApplication-LocationUpdateServiceURL | http://<HOST NAME>:<PORT>/<CONTEXT ROOT>/LOSeApplicationLocationUpdateService | URL for OFSLL eDocs location update web service | Refer the recommended context root table for CONTEXT ROOT. Sample URL: http://host-name:port/dbkls-xws-apps/LOSeApplicationLocationUpdateService |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |

| Property Name | Property Value | Description | Remarks |
|--|------------------------|--|---|
| Configuration File: dbkws_xae_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| applicationSource | EDOCS | Parameter to set application source | Don't modify this value |
| dealerElement-Name | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| jndiLookupData-Source | jdbc/IN1Huk-WznG0b4esj | Parameter that defines the JNDI look up for the application data-source | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystorePassword | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |

| Property Name | Property Value | Description | Remarks |
|--|---------------------|---|--|
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xcl_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| dealerElement-Name | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| fileDelimiter | , | Delimiter used in dealer header file | |
| jndiLookupData-Source | jdbc/dbk105nIE-JBDS | Parameter that defines the JNDI look up for the applicaton data-source | Don't modify the value |

| Property Name | Property Value | Description | Remarks |
|---|--|--|---|
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystorePassword | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| sscroKeyAlias | ofss_routeone | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |
| sscroKeyPassword | demotestSSCR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| Configuration File: Logging.properties | | | |
| handlers | java.util.logging.FileHandler, java.util.logging.ConsoleHandler | | |
| java.util.logging.FileHandler.level | ALL | | |
| java.util.logging.FileHandler.pattern | /somewhere/logs/dbkls_xws_%g.log | | |
| java.util.logging.FileHandler.limit | 1000000 | | |
| java.util.logging.FileHandler.count | 4 | | |
| java.util.logging.FileHandler.append | true | | |
| java.util.logging.FileHandler.formatter | java.util.logging.SimpleFormatter | | |

| Property Name | Property Value | Description | Remarks |
|--|-----------------------------------|---|---|
| java.util.logging.ConsoleHandler.level | WARNING | | |
| java.util.logging.ConsoleHandler.formatter | java.util.logging.SimpleFormatter | | |
| com.ofss.fl.xws.level | FINER | set the logging level for the application | Other Level values -- FINEST,FINE,CONFIG and INFO |

Webservices

| Property Name | Property Value | Description | Remarks |
|--|------------------------|--|---|
| Configuration File: dbkws_lookups_init.conf | | | |
| jndiLookup-DataSource | jdbc/dbk-wsDS | Parameter that defines the JNDI look up for the applicaton datasource | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set keystore location | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The deafult password is "changeit". Modify the property in case the password is different for the keystore. |
| Configuration File: dbkws_xae_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| dealerElementName | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| jndiLookup-DataSource | jdbc/IN1Huk-WznG0b4esj | Parameter that defines the JNDI look up for the applicaton datasource | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The deafult password is "changeit". Modify the property in case the password is different for the keystore. |

| Property Name | Property Value | Description | Remarks |
|--|---------------------|---|--|
| sscroKeyAlias | ofss_route-one | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_route-one" else modify the property value to alias used while importing the private key into keystore. |
| sscroKey-Password | demotestSS-CR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| postTimeout | 10 | Parameter to set timeout value to post XML message to third party. | Timeout value should be specified in number of seconds. |
| useProxy | 0 | Parameter to switch on/off proxy use. By default use of proxy is switched off. To use proxy setup value to "1", else setup value as "0" | |
| proxyHost | abc.com | Parameter to set proxy host. This is required if useProxy is set to 1. | |
| proxyPort | 80 | Parameter to set proxy port. This is required if useProxy is set to 1. | |
| Configuration File: dbkws_xcl_init.conf | | | |
| lenderId | SOME-LENDER_ID | The finance source identifier used in the dealer file | SOMELENDER_ID is a sample value |
| lenderName | SOME_LENDER_NAME | The finance source name used in the dealer file | SOME_LENDER_NAME is a sample value |
| dealerElementName | DEALER_DETAILS | Name of XML element used for the dealer details used in the dealer file | DEALER_DETAILS is a sample value |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| fileDelimiter | , | Delimiter used in dealer header file | |
| jndiLookup-DataSource | jdbc/dbk105nIE-JBDS | Parameter that defines the JNDI look up for the applicaton datasource | |

| Property Name | Property Value | Description | Remarks |
|--|--|--|---|
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| sscroKeyAliases | ofss_routeone | OFSLL's private key alias name. The private key is used to sign xml response to RouteOne | You may import the private key with alias "ofss_routeone" else modify the property value to alias used while importing the private key into keystore. |
| sscroKey-Password | demotestSS-CR1 | OFSLL's private key password | demotestSSCR1 is a sample value |
| Configuration File: dbkws_xcs_init.conf | | | |
| jndiLookup-DataSource | jdbc/dbkwsDS | Parameter that defines the JNDI look up for the application datasource | Don't modify the value |
| keystoreLocation | config/dls_cacerts | Parameter to set location for public/private key store for HTTPS posting and for XML Digital Signature | The keystore location should not be changed and keystore should be available in this location |
| keystore-Password | changeit | The keystore password | The default password is "changeit". Modify the property in case the password is different for the keystore. |
| fileLocation | /tmp | | The directory for temporary files. Make sure that such directory exists on the deployment server |
| application-Source | DBKTST | Application source | DBKTST is a sample value. Set it to appropriate value |
| Configuration File: Logging properties | | | |
| handlers | java.util.logging.FileHandler, java.util.logging.ConsoleHandler | | |

| Property Name | Property Value | Description | Remarks |
|--|-----------------------------------|---|---|
| java.util.logging.FileHandler.level | ALL | | |
| java.util.logging.FileHandler.pattern | /somewhere/logs/dbkls_xws_%g.log | | |
| java.util.logging.FileHandler.limit | 1000000 | | |
| java.util.logging.FileHandler.count | 4 | | |
| java.util.logging.FileHandler.append | true | | |
| java.util.logging.FileHandler.formatter | java.util.logging.SimpleFormatter | | |
| java.util.logging.ConsoleHandler.level | WARNING | | |
| java.util.logging.ConsoleHandler.formatter | java.util.logging.SimpleFormatter | | |
| com.ofss.flxws.level | FINER | set the logging level for the application | Other Level values -- FINEST,FINE,CONFIG and INFO |

Others

- Verify that latest XWS SQL Types, Views and Packages are installed.
- Basic Java permissions have been granted in
- UTL permissions have been granted.
- Verify that System parameters for Web Services URLs as well as Post Response URLs are set. Please see the table below for details
- System parameter CMN_WALLET_PATH and CMN_WALLET_PASSWORD is setup
- Verify lenderId, lendername in config(dbkws_xae_init.conf) file and also set lenderId in all response xsl in element "A:TargetId".
- For DealerTrack access, user name/pwd should be setup in file ".htpasswd" under config dir

System Parameters to be configured:

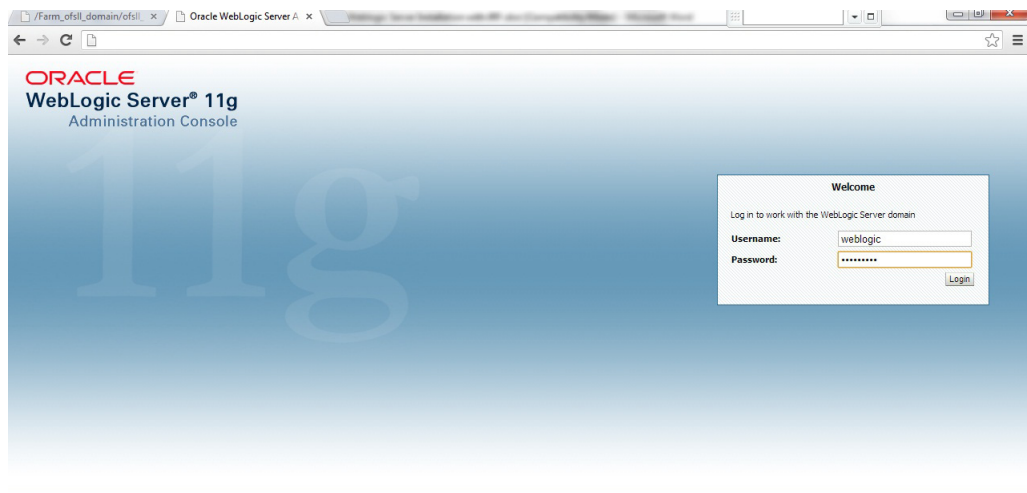
| System Parameter Name | System Parameter Desc |
|----------------------------------|--|
| XWS_XAE_DL- R_TRACK_RESP_PWD | XAE DEALERTRACK RESPONSE BASIC AUTH PASSWORD |
| XWS_XAE_DL- R_TRACK_RESP_URL | XAE DEALERTRACK RESPONSE URL |
| XWS_XAE_DL- R_TRACK_RESP_USER | XAE DEALERTRACK RESPONSE BASIC AUTH USER |
| XWS_XAE_DLR_TRACK_WS_URL | XAE DEALERTRACK WEBSERVICE URL |
| XWS_XAE_ROUTE- ONE_RESP_PWD | XAE ROUTEONE RESPONSE BASIC AUTH PASSWORD |
| XWS_XAE_ROUTE- ONE_RESP_URL | XAE ROUTEONE RESPONSE URL |
| XWS_XAE_ROUTE- ONE_RESP_USER | XAE ROUTEONE RESPONSE BASIC AUTH USER |
| XWS_XAE_ROUTEONE_WS_URL | XAE ROUTEONE WEBSERVICE URL |
| XWS_XAE_WEB_RESP_PWD | XAE WEB RESPONSE BASIC AUTH PASS- WORD |
| XWS_XAE_WEB_RESP_URL | XAE WEB RESPONSE URL |
| XWS_XAE_WEB_RESP_USER | XAE WEB RESPONSE BASIC AUTH USER |
| XWS_XAE_WEB_WS_URL | XAE WEB WEBSERVICE URL |
| XWS_XPR_DL- R_TRACK_RESP_PWD | DEALER TRACK DEALER LOAD PASSWORD |
| XWS_XPR_DL- R_TRACK_RESP_URL | POST DEALER TRACK DEALER LOAD RESPONSE URL |
| XWS_XPR_DL- R_TRACK_RESP_USER | DEALER TRACK DEALER LOAD USER ID |
| XWS_XPR_DLR_TRACK_WS_URL | DEALER LOAD WEBSERVICE URL |
| XWS_XPR_INCLUDE_TEMP | INCLUDE TEMP PRODUCERS |
| XWS_XPR_ROUTE- ONE_RESP_PWD | XAE ROUTEONE DEALER LOAD RESPONSE BASIC AUTH PASSWORD |
| XWS_XPR_ROUTE- ONE_RESP_URL | XAE ROUTEONE DEALER LOAD RESPONSE URL |
| XWS_XPR_ROUTE- ONE_RESP_USER | XAE ROUTEONE DEALER LOAD RESPONSE BASIC AUTH USER |
| XWS_XPR_ROUTEONE_WS_URL | XAE ROUTEONE DEALER LOAD WEBSE- VICE URL |

| | |
|------------------------------------|---|
| XWS_XAE_DLR_TRACK_LENDE- RID | XAE DEALERTRACK LENDER ID |
| XWS_XAE_ROUTEONE_LENDE- RID | XAE ROUTEONE LENDER ID |
| XWS_XAE_DL- R_TRACK_LENDER_NAME | XAE DEALERTRACK LENDER NAME |
| XWS_XAE_ROUTE- ONE_LENDER_NAME | XAE ROUTEONE LENDER NAME |
| XWS_XAE_EDOC_RESP_URL | XAE EDOCS RESPONSE URL |
| XWS_XAE_EDOC_WS_URL | XAE EDOCS WEBSERVICE URL |
| XWS_XAE_EDOC_RESP_USER | XAE EDOCS RESPONSE BASIC AUTH USER |
| XWS_XAE_EDOC_RESP_PWD | XAE EDOCS RESPONSE BASIC AUTH PASS- WORD |

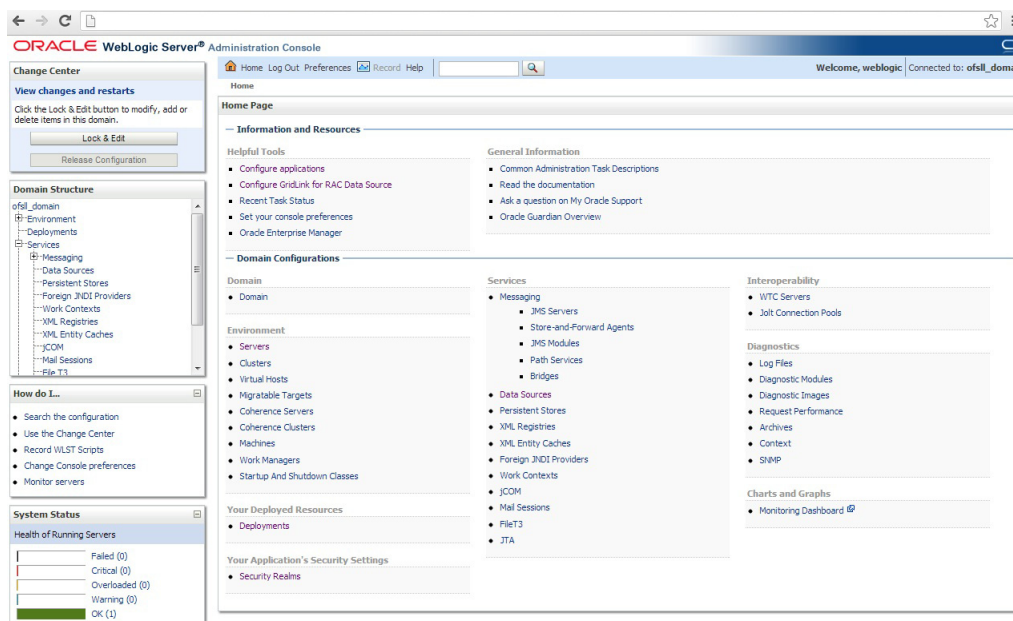
3.2 Deploying Webservices

After installing the WebLogic Server and completing the prerequisites mention above, deploy application interface Web Services.

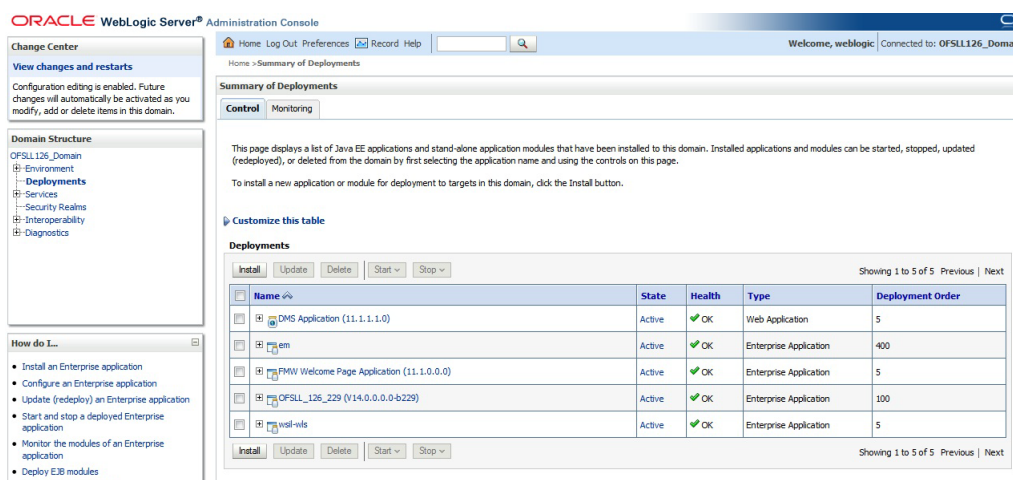
5. Login to WebLogic application server console (e.g.: <http://hostname:port/console>)



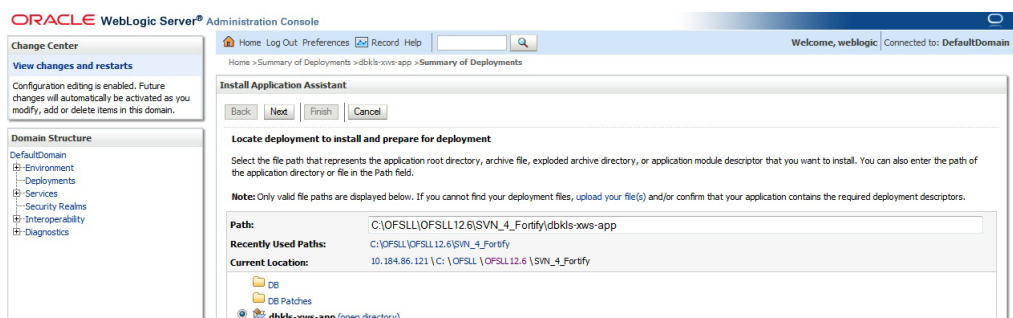
- Enter valid login credentials. The following window is displayed.



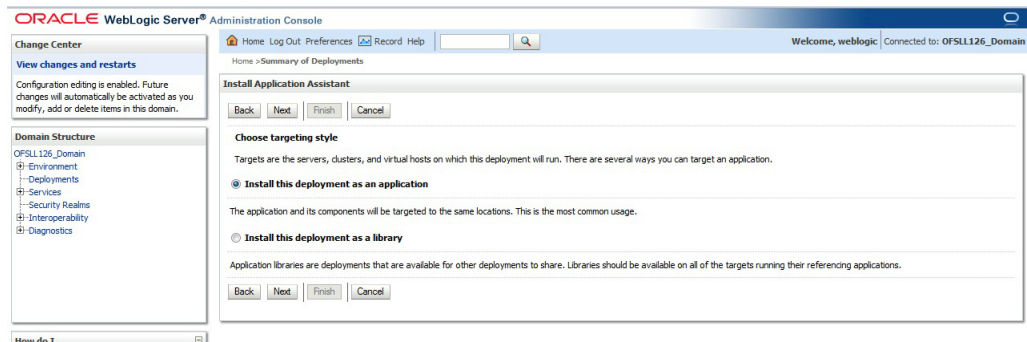
- Click **Deployments** on the left pane. The following window is displayed.



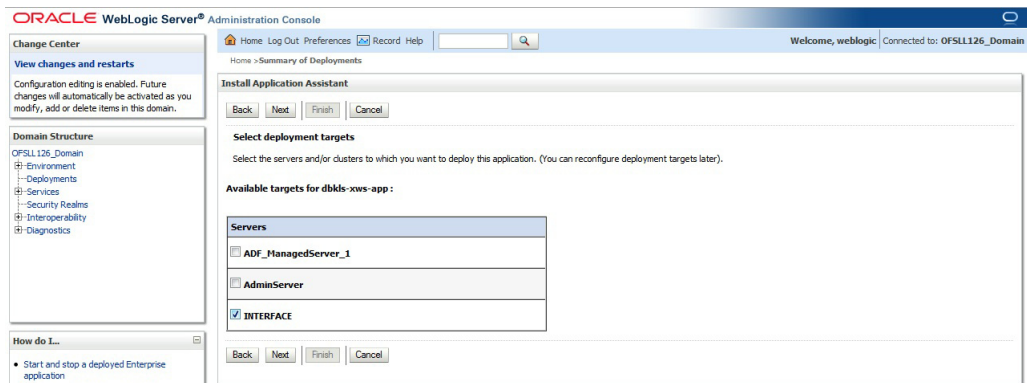
- Click **Install**.
- Browse to the location where you have unzipped the ear files to open directory (mentioned in Unzip the ear to folder section of Pre-requisites). The following window is displayed.



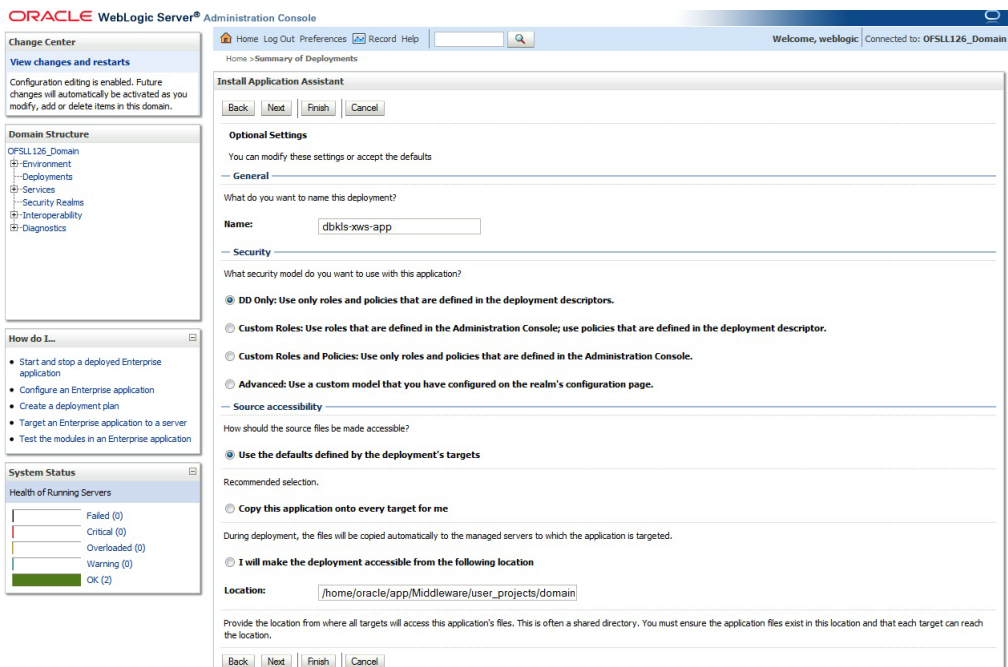
10. Click **Next**. The following window is displayed.



11. Click **Next**. The following window is displayed.



12. Select any target server on which you deploy the web services. Click **Next**. The following window is displayed.



13. Click **Next**. The following window is displayed.

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: OFSL1126_Domain

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
OFSL1126_Domain
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Start and stop a deployed Enterprise application
Configure an Enterprise application
Create a deployment plan
Target an Enterprise application to a server
Test the modules in an Enterprise application

System Status
Health of Running Servers

Install Application Assistant
Back Next Finish Cancel

Review your choices and click Finish
Click Finish to complete the deployment. This may take a few moments to complete.

Additional configuration
In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

☒ Yes, take me to the deployment's configuration screen.
☐ No, I will review the configuration later.

Summary

| Components | Targets |
|-------------------|-----------|
| dbkls-xws-app.ear | INTERFACE |

Back Next Finish Cancel

14. Click **Finish**. The following window is displayed.

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: OFSL1126_Domain

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
OFSL1126_Domain
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Start and stop a deployed Enterprise application
Configure an Enterprise application
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Target an Enterprise application to a server
Test the modules in an Enterprise application

System Status
Health of Running Servers

Settings for dbkls-xws-app
Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the general configuration of an Enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications and EJBs) that are contained in the Enterprise application. Click on the name of the module to view and update its configuration.

| | | |
|-----------------------------------|--|---|
| Name: | dbkls-xws-app | The name of this Enterprise Application. More Info... |
| Path: | /home/oracle/app/Middleware/user_projects/domains/OFSL1126_Domain/servers/AdminServer/upload/dbkls-xws-app.ear | The path to the source of the deployable unit on the Administration Server. More Info... |
| Deployment Plan: | (no plan specified) | The path to the deployment plan document on Administration Server. More Info... |
| Staging Mode: | (not specified) | The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info... |
| Security Model: | DDOnly | The security model that is used to secure a deployed module. More Info... |
| Deployment Order: | 100 | An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. More Info... |
| Deployment Principal Name: | | A string value that indicates what principal should be used when deploying the file or archive during startup and shutdown. This principal will be used to set the current subject when calling out into application code for interfaces such as ApplicationLifecycleListener. If no principal name is specified, then the anonymous principal will be used. More Info... |

Save

Modules and Components

15. Click **Save**.

16. Modify the context root to the recommended name as follows:

| Service | Service EAR | Recommended Context | Remark |
|------------------------|----------------------|---------------------|--|
| Webservices | dbkls-xws-app.ear | dbkls-xws-app | If this the recommended context name is not used, then the Service URLs in the configuration files needs to be changed |
| Edocs Interface | dbkls-xws-app-ds.ear | dbkls-xws-app-ds | If this the recommended context name is not used, then the Service URLs in the configuration files needs to be changed |
| Dealer Track Interface | dbkls-xws-app-dt.ear | dbkls-xws-app-dt | If this the recommended context name is not used, then the Service URLs in the configuration files needs to be changed |

| Service | Service EAR | Recommended Context | Remark |
|---------------------|----------------------|---------------------|--|
| Route One Interface | dbkls-xws-app-ro.ear | dbkls-xws-app-ro | If this the recommended context name is not used, then the Service URLs in the configuration files needs to be changed |

17. Go to **Deployments**→<select the service deployment>→**Configuration**→**General**

Settings for DHS Application(11.1.1.1.0.0)

Overview Deployment Plan **Configuration** Security Targets Control Testing Monitoring Notes

General Logging Workload Instrumentation

Save

In this page, you define the configuration of the application deployment descriptor file that is associated with this Web application module.

| | | |
|---|---------------|--|
| Session cookies max age (in seconds): | -1 | The life span of the session cookie (in seconds) after which it expires on the client. This value can be set as any integer; the default value is -1 (unlimited). More Info... |
| Session Invalidation Interval (in seconds): | 60 | The time (in seconds) that WebLogic Server waits between doing house-keeping checks for timed-out and invalid sessions, and deleting the old sessions and freeing up memory. More Info... |
| Session Timeout (in seconds): | 3600 | The amount of time (in seconds) that a session can remain inactive before it is invalidated. More Info... |
| <input type="checkbox"/> Debug Enabled | | Specifies whether to add JSP line numbers to generated class files to aid in debugging. More Info... |
| Maximum in-memory Sessions: | -1 | The maximum number of sessions to retain in memory. The default is -1 (unlimited); any negative value works the same as -1. More Info... |
| Monitoring Attribute Name: | | The monitoring attribute. More Info... |
| <input type="checkbox"/> Index Directory Enabled | | Specifies whether the target should automatically generate an HTML directory listing if no suitable index file is found. More Info... |
| Index Directory Sort By: | NAME | Specifies the way in which index directories are sorted. Legal values are NAME, LAST_MODIFIED, SIZE. More Info... |
| Servlet Reload Check (in seconds): | 1 | The amount of time (in seconds) that WebLogic Server waits to check if a servlet was modified and needs to be reloaded. More Info... |
| Resource Reload Check (in seconds): | 1 | The amount of time (in seconds) that WebLogic Server waits to check if a resource was modified and needs to be reloaded. More Info... |
| <input type="checkbox"/> Session Monitoring Enabled | | Specifies whether runtime MBeans will be created for session monitoring. More Info... |
| Minimum Native File Size: | 4096 | The minimum file size in Bytes for using native I/O. More Info... |
| JSP Page Check (in seconds): | 1 | The interval (in seconds) at which WebLogic Server checks to see if JSP files have changed and need recompiling. The value -1 means never check the pages. This is the default value in a production environment. The value 0 means always check the pages. The value 1 means check the pages every second. This is the default value in a development environment. More Info... |
| <input type="checkbox"/> JSP Keep Generated | | Specifies whether to save the Java files that are generated as an intermediary step in the JSP compilation process. More Info... |
| <input checked="" type="checkbox"/> JSP Verbose | | Specifies whether to print debugging info to the browser during compilation. More Info... |
| Context Root: | dbkls-xws-app | Specifies context root to override the default value/name of exploded directory or name of the WAR file minus the ".war" extension. More Info... |

Save

18. Click Save.

19. The following window is displayed.

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help Welcome, weblogic Connected to: OFSL126_Domain

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

OFSL126_Domain

- Environment
- Deployments**
- Services
- Security Realms
- Interoperability
- Diagnostics

How do I...?

- Install an Enterprise application
- Configure an Enterprise application
- Update (redeploy) an Enterprise application
- Start and stop a deployed Enterprise application
- Monitor the modules of an Enterprise application
- Deploy EJB modules
- Install a Web application

Summary of Deployments

Control Monitoring

This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

To install a new application or module for deployment to targets in this domain, click the Install button.

Customize this table

Deployments

Install Update Delete Start Stop

| Name | State | Health | Type | Deployment Order |
|---|--------|--------|------------------------|------------------|
| dbkls-xws-app | Active | OK | Enterprise Application | 100 |
| DHS Application (11.1.1.1.0.0) | Active | OK | Web Application | 5 |
| em | Active | OK | Enterprise Application | 400 |
| FMW Welcome Page Application (11.1.0.0.0) | Active | OK | Enterprise Application | 5 |
| OFSL126_229 (v14.0.0.0-b229) | Active | OK | Enterprise Application | 100 |
| wsl-wls | Active | OK | Enterprise Application | 5 |

Showing 1 to 6 of 6 Previous Next

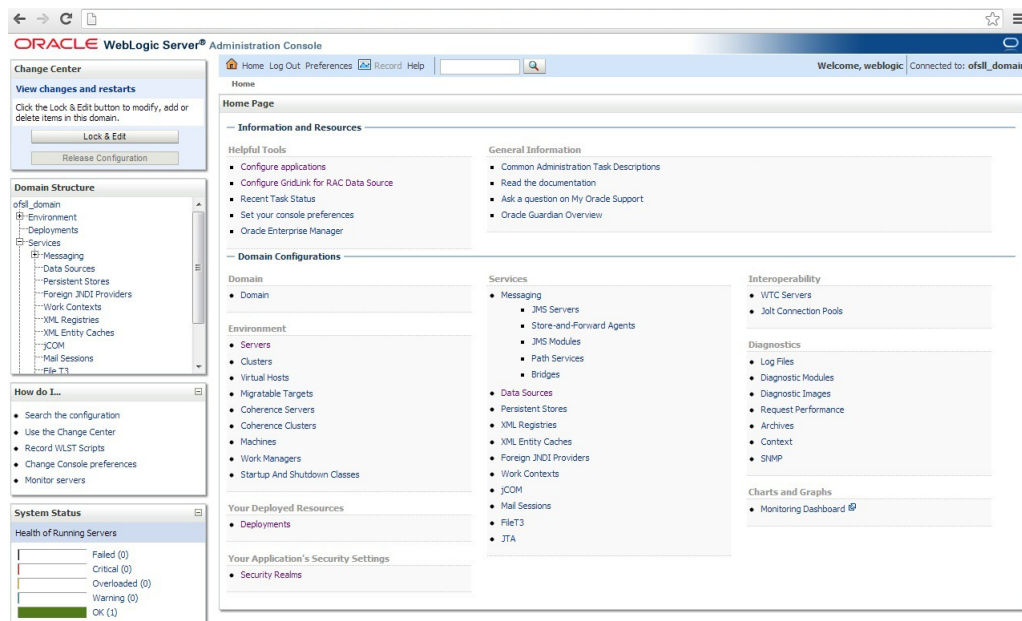
20. Ensure that the application status is **Active**.

4. Configuring Weblogic Policy on Web Services

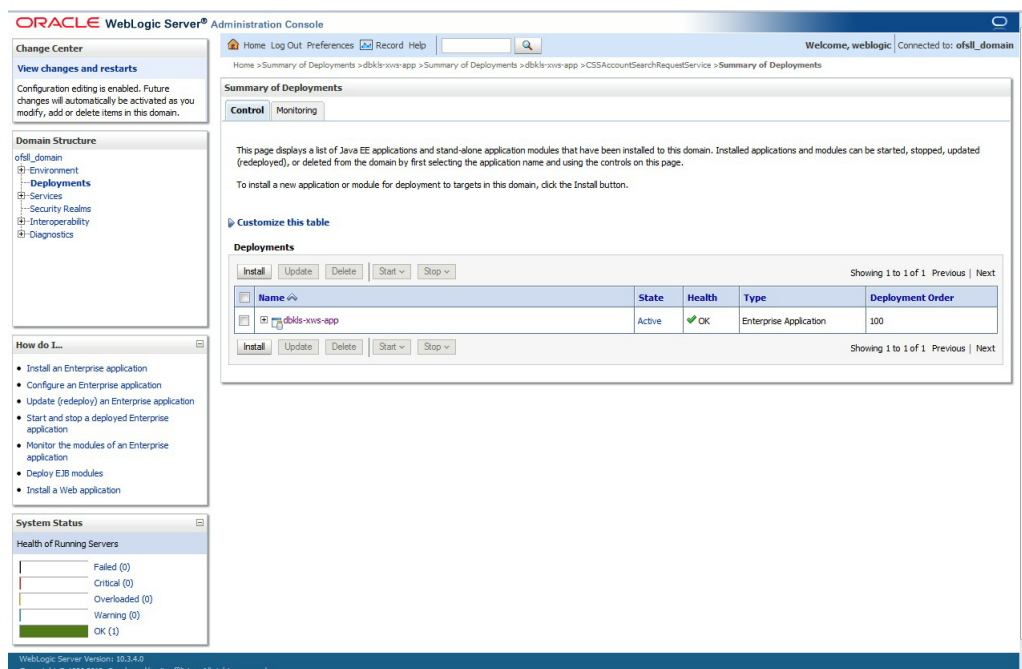
After deploying Web Services, you must configure Weblogic Policy on Web Services.

To configure:

1. Login to WebLogic application server console (<http://hostname:port/console>)
2. Following screen will be shown.



3. Click Deployments which is available on both side panels as marked above.
4. Following screen will be shown.



5. Click on application name dbkls-xws-app on right side panel.

6. Following screen appears.

ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: ofsil_domain

Home > Summary of Deployments > dbks-xws-app > Summary of Deployments > dbks-xws-app > CSSAccountSearchRequestService > Summary of Deployments > dbks-xws-app

Settings for dbks-xws-app

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the general configuration of an Enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications and EJBs) that are contained in the Enterprise application. Click on the name of the module to view and update its configuration.

| | | |
|----------------------------|--|---|
| Name: | dbks-xws-app | The name of this Enterprise Application. More Info... |
| Path: | C:\Oracle\Middleware\1034\user_projects\domains\ofsil_domain\servers\AdminServer\upload\dbks-xws-app.ear | The path to the source of the deployable unit on the Administration Server. More Info... |
| Deployment Plan: | C:\Oracle\Middleware\1034\user_projects\domains\ofsil_domain\servers\AdminServer\Plan.xml | The path to the deployment plan document on Administration Server. More Info... |
| Staging Mode: | (not specified) | The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info... |
| Security Model: | DDOnly | The security model that is used to secure a deployed module. More Info... |
| Deployment Order: | 100 | An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. More Info... |
| Deployment Principal Name: | | A string value that indicates what principal should be used when deploying the file or archive during startup and shutdown. This principal will be used to set the current subject when calling out into application code for interfaces such as ApplicationLifecycleListener. If no principal name is specified, then the anonymous principal will be used. More Info... |

Save

Modules and Components

Showing 1 to 1 of 1 Previous | Next

| Name | Type |
|--------------|------------------------|
| dbks-xws-app | Enterprise Application |
| EJBs | |

7. Scroll down the page.

application

- Configure an Enterprise application
- Create a deployment plan
- Target an Enterprise application to a server
- Test the modules in an Enterprise application

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (1)

Security Model: DDOnly

The security model that is used to secure a deployed module. [More Info...](#)

Deployment Order: 100

An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. [More Info...](#)

Deployment Principal Name:

A string value that indicates what principal should be used when deploying the file or archive during startup and shutdown. This principal will be used to set the current subject when calling out into application code for interfaces such as ApplicationLifecycleListener. If no principal name is specified, then the anonymous principal will be used. [More Info...](#)

Save

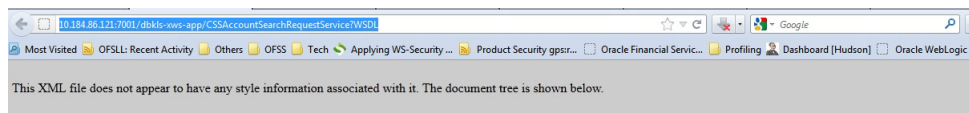
Modules and Components

Showing 1 to 1 of 1 Previous | Next

| Name | Type |
|---|------------------------|
| dbks-xws-app | Enterprise Application |
| EJBs | |
| None to display | |
| Modules | |
| dbks-xws-app | Web Application |
| Web Services | |
| CSSAccountDetailsRequestService | Web Service |
| CSSAccountPayOffQuoteRequestService | Web Service |
| CSSAccountSearchRequestService | Web Service |
| CSSPostTransactionsRequestService | Web Service |
| JLOSPosDealerDetailsService | Web Service |
| LookUpRequestService | Web Service |
| JLOSPosApplicationCommentUpdateService | Web Service |
| JLOSPosApplicationLocationUpdateService | Web Service |
| JLOSPosApplicationRequestService | Web Service |

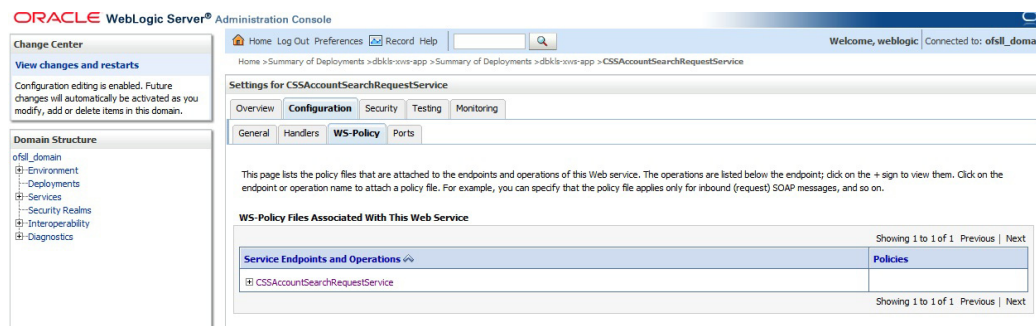
8. Click on WebServices CSSAccountSearchRequestService.

9. The WSDL will be accessible on http before applying WS-Policy.

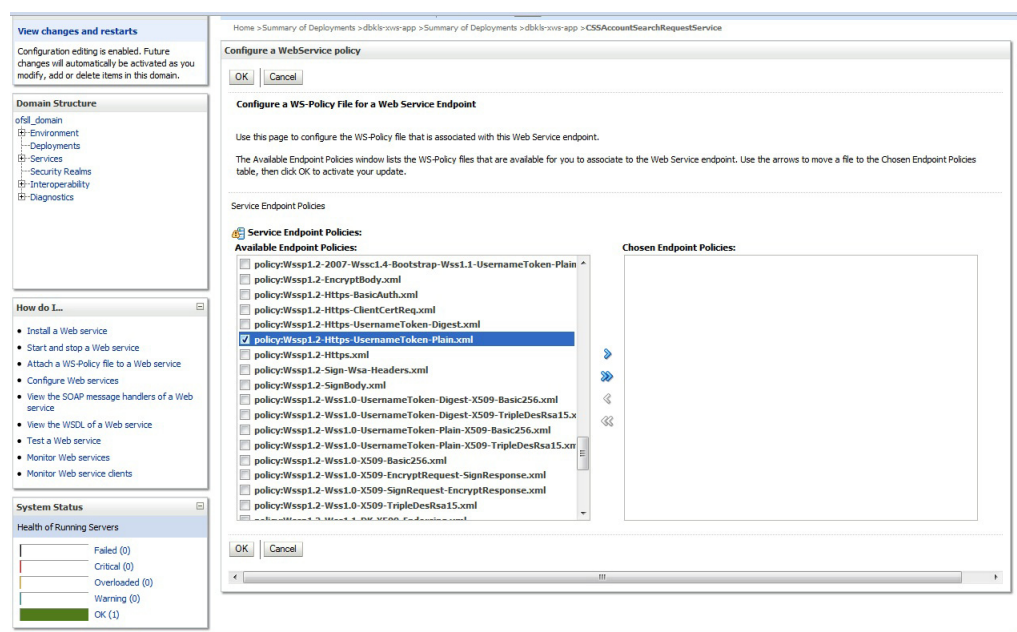


```
<?xml version='1.0' encoding='UTF-8'?>
<WSDL:definitions name='CSSAccountSearchRequestService' targetNamespace='http://com.ofss.fl.xws.xcs/AccountSearch.wsdl'>
  <WSDL:types>
    <xsd:schema targetNamespace='http://com.ofss.fl.xws.xcs/ICSSAccountSearchRequestService.xsd'>
      <WSDL:types>
        <WSDL:message name='doAccountSearchStr0Request'>
          <WSDL:part name='requestStr' type='WSDL:string'>
            <WSDL:message>
        <WSDL:message name='doAccountSearchStr0Response'>
          <WSDL:part name='return' type='WSDL:string'>
            <WSDL:message>
        <WSDL:portType name='AccountSearchRequestService'>
          <WSDL:operation name='doAccountSearch'>
            <WSDL:input message='WSDL:doAccountSearchStr0Request' name='doAccountSearchStr0Request'>
              <WSDL:output message='WSDL:doAccountSearchStr0Response' name='doAccountSearchStr0Response'>
            <WSDL:operation>
          <WSDL:portType>
        <WSDL:binding name='CSSAccountSearchRequestService' type='WSDL:AccountSearchRequestService'>
          <WSDL:binding style='rpc' transport='http://schemas.xmlsoap.org/soap/http'>
            <WSDL:operation name='doAccountSearch'>
              <WSDL:operation style='rpc'>
                <WSDL:input name='doAccountSearchStr0Request'>
                  <WSDL:body namespace='CSSAccountSearchRequestService' use='literal'>
                <WSDL:input>
                <WSDL:output name='doAccountSearchStr0Response'>
                  <WSDL:body namespace='CSSAccountSearchRequestService' use='literal'>
                <WSDL:output>
              <WSDL:operation>
            <WSDL:binding>
          <WSDL:service name='CSSAccountSearchRequestService'>
            <WSDL:port binding='WSDL:CSSAccountSearchRequestService' name='CSSAccountSearchRequestService'>
              <WSDL:address location='http://10.184.86.121:7001/dbkls-xws-app/CSSAccountSearchRequestService'>
            <WSDL:port>
          <WSDL:service>
        <WSDL:definitions>
```

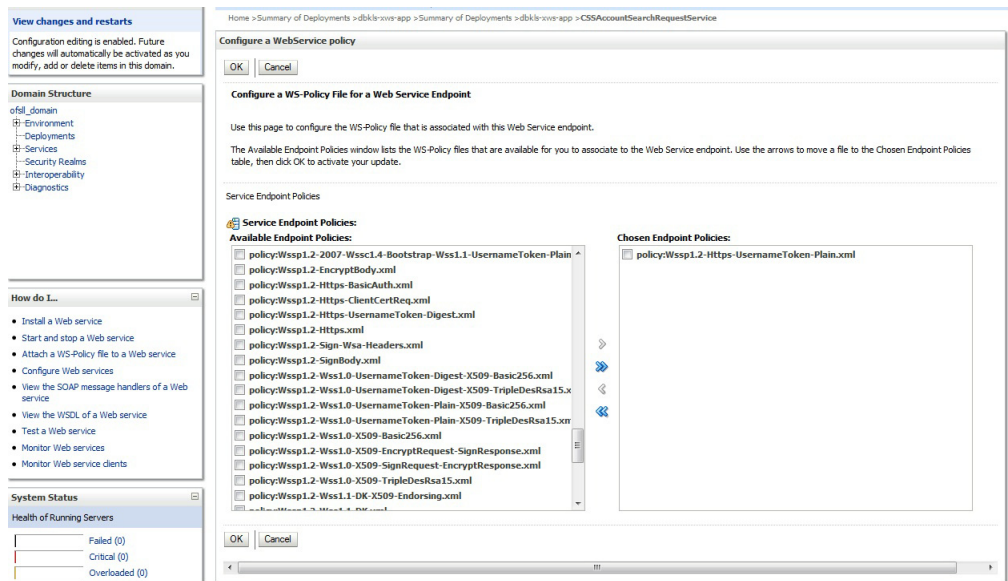
10. Browse to Configuration ' WS-Policy



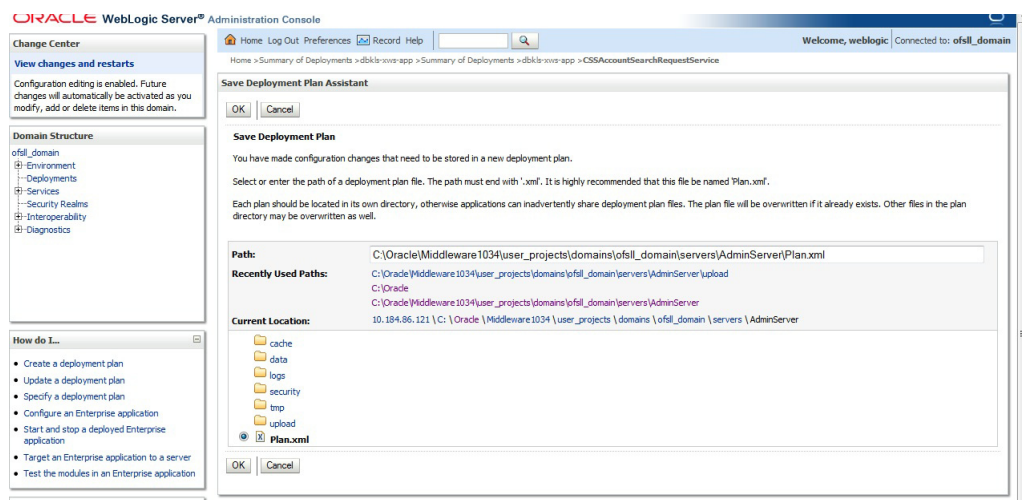
11. Click on CSSAccountSearchRequestService.



12. Select policy:Wssp1.2-Https-UsernameToken-Plain.xml and click arrow button as shown above.

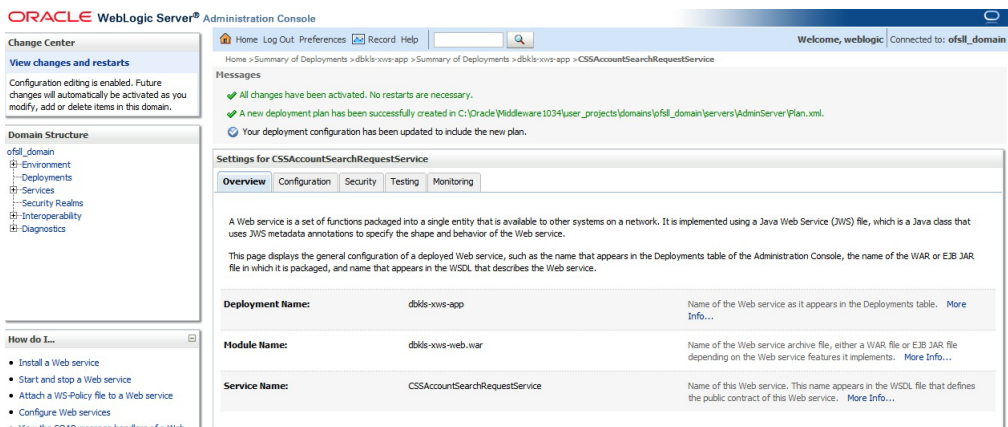


13. Click OK.



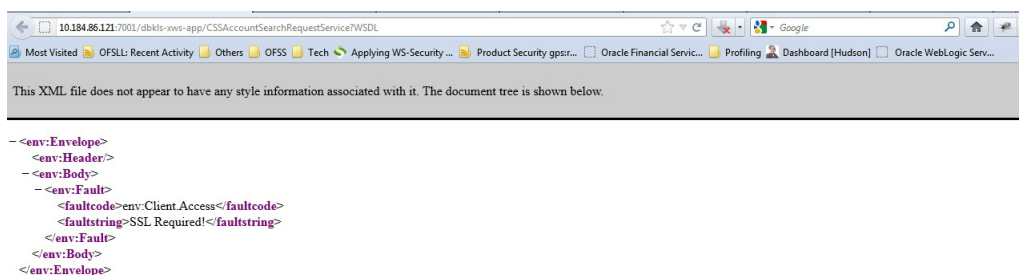
14. Browse to any folder to save Deployment Plan.

15. Then Click OK.



16. Now you will be not able to access the WSDL on http port.

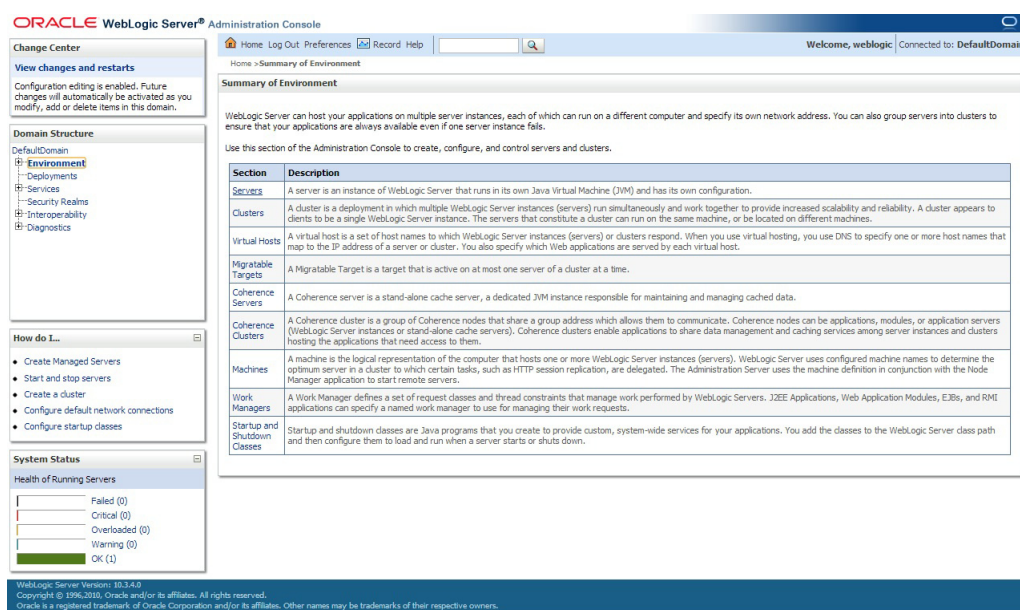
17. Following message will be shown when you access with http URL.



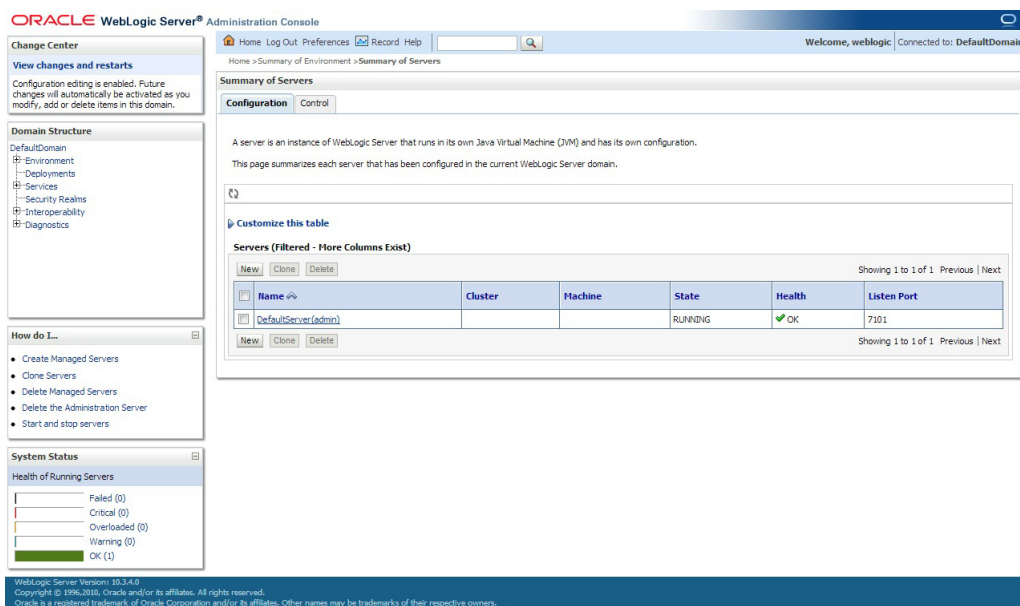
For SSL communication, the vendor servers seek public certificates. Hence, you need to download the certificates from vendor website and import into your java keystore.

You then need to configure Weblogic to present the certificates to vendor servers for successful handshake.

18. Select the environment on the left pane. The following window is displayed.



19. Click **Servers**



20. Select the Server into which the webservices are deployed.

ORACLE WebLogic Server® Administration Console

Home > Summary of Environment > Summary of Servers > DefaultServer

Welcome, weblogic Connected to: DefaultDomain

Settings for DefaultServer

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services **Keystores** SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start Web Services

Save Configuration - Keystores - Tab

Use this page to configure general features of this server such as default network communications.

View JNDI Tree

Name: DefaultServer An alphanumeric name for this server instance. More Info...

Machine: (none) The WebLogic Server host computer (machine) on which this server is meant to run. More Info...

Cluster: (Standalone) The cluster, or group of WebLogic Server instances, to which this server belongs. More Info...

Listen Address: The IP address or DNS name this server uses to listen for incoming connections. More Info...

☒ Listen Port Enabled Specifies whether this server can be reached through the default plain-text (non-SSL) listen port. More Info...

Listen Port: 7101 The default TCP port that this server uses to listen for regular (non-SSL) incoming connections. More Info...

☐ SSL Listen Port Enabled Indicates whether the server can be reached through the default SSL listen port. More Info...

SSL Listen Port: 7002 The TCP/IP port at which this server listens for SSL connection requests. More Info...

☐ Client Cert Proxy Enabled Specifies whether the http://ClusterServlet proxies the client certificate in a special header. More Info...

Java Compiler: javac The Java compiler to use for all applications hosted on this server that need to compile Java code. More Info...

Diagnostic Volume: Low Specifies the volume of diagnostic data that is automatically produced by WebLogic Server at run time. Note that the WLDLF diagnostic volume setting does not affect explicitly configured diagnostic modules. For example, this controls the volume of events generated for JModdi Flight Recorder. More Info...

Advanced

Save

21. Select Keystores.

ORACLE WebLogic Server® Administration Console

Home > Summary of Environment > Summary of Servers > DefaultServer

Welcome, weblogic Connected to: DefaultDomain

Settings for DefaultServer

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services **Keystores** SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start Web Services

Save Cancel

Keystores ensure the secure storage and management of private keys and trusted certificate authorities (CAs). This page lets you view and define various keystore configurations. These settings help you to manage the security of message transmissions.

Keystores: Custom Identity and Custom Trust Which configuration rules should be used for finding the server's identity and trust keystores? More Info...

Save Cancel

Custom Identity and Command Line Trust

Custom Identity and Java Standard Trust

Demo Identity and Demo Trust

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22. Click **Change** and select **Custom Identity and Custom trust** from the drop-down list.

ORACLE WebLogic Server® Administration Console

Home > Summary of Environment > Summary of Servers > DefaultServer

Settings for DefaultServer

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services **Keystores** SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start Web Services

Save

Keystores ensure the secure storage and management of private keys and trusted certificate authorities (CAs). This page lets you view and define various keystore configurations. These settings help you to manage the security of message transmissions.

Keystores: Custom Identity and Custom Trust **Change** Which configuration rules should be used for finding the server's identity and trust keystores? [More Info...](#)

Identity

Custom Identity Keystore: D:\Oracle\MIDDLE-1\wls\... The path and file name of the identity keystore. [More Info...](#)

Custom Identity Keystore Type: jks The type of the keystore. Generally, this is JKS. [More Info...](#)

Custom Identity Keystore Passphrase: The encrypted custom identity keystore's passphrase. If empty or null, then the keystore will be opened without a passphrase. [More Info...](#)

Confirm Custom Identity Keystore Passphrase:

Trust

Custom Trust Keystore: D:\Oracle\MIDDLE-1\wls\... The path and file name of the custom trust keystore. [More Info...](#)

Custom Trust Keystore Type: jks The type of the keystore. Generally, this is JKS. [More Info...](#)

Custom Trust Keystore Passphrase: The custom trust keystore's passphrase. If empty or null, then the keystore will be opened without a passphrase. [More Info...](#)

Confirm Custom Trust Keystore Passphrase:

Save

WebLogic Server Versions: 10.3.4.0
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Specify

- Custom Identity Keystore: **Java keystore holding the certificates**
- Custom Trust Keystore: **Java keystore holding the certificates**
- Custom Identity Keystore Type: **jks**
- Custom Trust Keystore Type: **jks**
- %Keystore Passphrases: keystore password

23. Click **Save**.

24. The WSDL can be accessed on https port as below.

25. The WS-Policy will be shown in WSDL.

```

<WLSG3N1:definitions name="CSSAccountSearchRequestService" targetNamespace="http://com.ofss.fl.xws.xcs/AccountSearch.wsdl">
  <wsp:UsingPolicy WLSG3N1:Required="true">
    <wsp:Policy WLSG3N0:Id="Wssp1.2-Https-UsernameToken-Plain.xml">
      <sp:TransportBinding>
        <wsp:Policy>
          <sp:TransportToken>
            <wsp:Policy>
              <sp:HttpsToken>
                </wsp:Policy>
              </sp:TransportToken>
            <sp:AlgorithmSuite>
              <wsp:Policy>
                <sp:Basic256>
                  </wsp:Policy>
                <sp:AlgorithmSuite>
                  </wsp:Policy>
              </wsp:Policy>
            <sp:Layout>
              <wsp:Policy>
                <sp:Lax>
                  </wsp:Policy>
                <sp:Layout>
                  <sp:IncludeTimestamp>
                    </wsp:Policy>
                  </wsp:Policy>
                <sp:TransportBinding>
                  <sp:SupportingTokens>
                    <wsp:Policy>
                      <sp:UsernameToken sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-securitypolicy/200512/IncludeToken/AlwaysToRecipient">
                        <wsp:Policy>
                          <sp:WsUsernameToken10>
                            </wsp:Policy>
                          <sp:UsernameToken>
                            </wsp:Policy>
                        </wsp:Policy>
                      <sp:SupportingTokens>
                        </wsp:Policy>
                      </wsp:Policy>
                    </wsp:Policy>
                  </wsp:Policy>
                </wsp:Policy>
              </wsp:UsingPolicy>
            <wsp:Policy WLSG3N1:types>
              <xsd:schema targetNamespace="http://com.ofss.fl.xws.xcs/CSSAccountSearchRequestService.xsd">
                </wsp:Policy>
              </WLSG3N1:types>
            </WLSG3N1:definitions>

```

Apply WS-Policy policy:Wssp1.2-Https-UsernameToken-Plain.xml to the following web services.

1. CSSAccountDetailsRequestService
2. CSSAccountPayOffQuoteRequestService
3. CSSAccountSearchRequestService
4. CSSPostTransactionsRequestService

Follow the below steps and verify Successful Webservices deployment:

1. Making sure that the state is ACTIVE and health in OK in the Weblogic
2. Accessing the WSDL using: `http://<hostname>:<port>/<context root>/CSSAccountDetailsRequestService?WSDL` and receiving error: "No valid XML found"

Follow the below steps and verify Successful Interface (Route One/Dealer Track) deployment:

1. Making sure that the state is ACTIVE and health in OK in the Weblogic
2. Accessing the interface URLs mentioned below from the browser and receiving error: "No valid XML found"

"`http://<hostname>:<port>/<context root>/postdt2xws?xaeprc`"

"`http://<hostname>:<port>/<context root>/postds2xws?xaeprc`"

"`http://<hostname>:<port>/<context root>/postro2xws?xaeprc`"



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Version 14.0.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

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