Oracle Banking Digital Experience

Installer User Manual Release 17.2.0.0.0

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

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http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs_if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters cover following:

- Introduction
- Prerequisites
- Installation
- Post Installation Steps
- Product Verification

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 17.2.0.0.0, refer to the following documents:

- Oracle Banking Digital Experience Licensing Guide
- Oracle Banking Digital Experience Installer Pre-Requisite Setup Manual
- Oracle Banking Digital Experience OBP Base Setup and Configuration
- Oracle Banking Digital Experience OBP US LZN Setup and Configuration
- Oracle Banking Digital Experience OFSLL Setup Configuration
- Oracle Banking Digital Experience Origination Social Media Integration
- Oracle Banking Digital Experience OHS User Interface Configuration
- Oracle Banking Digital Experience Chatbot Configuration
- Oracle Banking Digital Experience Mobile Application Builder-Android
- Oracle Banking Digital Experience Mobile Application Builder-iOS

- Oracle Banking Digital Experience Security Guide
- Oracle Banking Digital Experience Third Party Configuration
- User Manual Oracle Banking Digital Experience Core
- Oracle Banking Digital Experience File Upload Report Configuration

2. Introduction

2.1 **Purpose of the Document**

The purpose of the OBDX Installation Manual is to provide a step by step overview on the installation process of the solution.

It includes:

- Prerequisites software installation required for OBDX & OBDX installer
- Setup of OBDX with Oracle's own Core Banking and Origination Products.
- Running the installation in silent mode
- Advanced Configurations (Post installation)
- Installation Verification

3. Prerequisites

OBDX pre-requisite software should be installed and available before proceeding.

For OBDX pre-requisite software setup refers document "Oracle Banking Digital Experience Installer Pre-Requisite Setup Manual" mentioned in section 1.5 Related Information Sources.

Installer Pre-requisite verification

Post installation of OBDX Installer prerequisite software's, verification can be done using below steps.

Note: Verification should be performed on Server where Oracle Weblogic is locally installed and by OS user (which is owner for Oracle Weblogic home directory) for non-root steps. The same user will be used to execute installer.

Oracle Instant client

Step 1: Login using root user.

Step 2: Run below command to verify if Oracle Instant client is installed.

rpm –qa | grep oracle

```
[root@ ]# rpm -qa |grep oracle
oraclelinux-release-7.3-1.0.4.el7.x86_64
oracle-logos-70.0.3-4.0.7.el7.noarch
oracle-instantclient12.2-basic-12.2.0.1.0-1.x86_64
```

Note: Above package verification command is specific to Oracle Linux and RHEL distributions only. For other Linux distributions or OS please refer to OS specific package manager documentation.

Python

Step 1: Execute python -V command

python -V

[]# python -V Python 2.7.5

Note: Ensure Python 2.7.5 supported version is installed. Above command should reflect the same.

cx_Oracle & Urwid

Step 1: Execute python command

python

Note: Ensure Python 2.7.5 version should be available in PATH variable. Above execution should be done using Python 2.7.5.

Step 2: Import Urwid and check version

import urwid (Press Enter)

urwid.__version__

If version is displayed, then Urwid is installed and available for use.

Note: Ensure Urwid 1.3.1 supported version is installed. Above command should reflect the same.

Step 3: Similarly import cx_Oracle and check version

import cx_Oracle (Press Enter) cx_Oracle.version

>>> import cx_Oracle
>>> cx_Oracle.version
'5.2.1'

If version is displayed, then cx_Oracle is installed and available for use.

Note: Ensure cx_Oracle 5.2.1 supported version is installed. Above command should reflect the same.

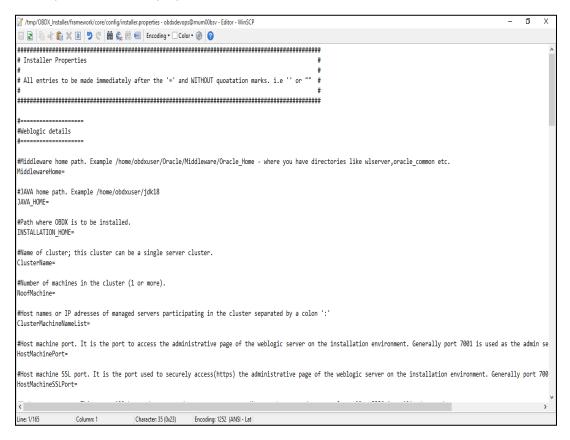
4. Installation

Pre-Installation

• Install all the prerequisite software and packages mentioned above

Steps of Installation

- Download and extract the installer zip file.
- Navigate to "OBDX_Installer\core\config"
- Open the "installer.properties" file



IMPORTANT:

- Enter the values right after the "=" sign
- DO NOT change anything to the left of the "="
- DO NOT change any of the flag values or pre-filled values (such as DataSourceName, DataSourceJNDI, Flag values etc).
- Ensure there is no blank space after "=" sign

Only below parameters should be set in installer.properties file.

| Component | Parameter | Description | Example |
|-----------|--|--|--------------------|
| | DatabaseHostName | Enter the hostname of the database server which would host the database schema for OBDX and RCU | ofss310759 |
| | DatabaseHostPort | Enter the port no. of the database listener | 1521 |
| OBDX DB | Service Name identify a partic system. This sl | The Oracle System ID (SID) or Service Name is used to uniquely identify a particular database on a system. This should be the same SID used during the database installation. | OBDXSID |
| | DB_SYS_USER | Enter the username with 'sys' privileges | sys |
| | POST_FIX | For OBDX schema name like "OBDX_DEV" POST FIX is 'DEV' | DEV |
| | DIRECTORY_NAME | Enter the Oracle directory name in which you want the database datafile (dbf) to be created. Enter only the name NOT the path | OPATCH_LOG_DI R |
| | DatabaseHostNameU BS | Enter the hostname for the UBS HOST database host server | ofss310759 |
| | DatabaseHostPortUB S | Enter the port no. of the UBS database listener | 1521 |
| | SCHEMA_NAME_UB S | Enter the Complete UBS B1A1 (HostInterface) schema name you want installer to create as new schema. | UBSSCHEMA123 |
| UBS DB | | Enter the Oracle Directory name in which you want the UBS B1A1 (HostInterface) schema datafile (dbf). | |
| | DIRECTORY_NAME_ UBS | Enter only the name and NOT the path | OPATCH_LOG_DIR |
| | DB_SYS_USER_UBS | Enter the username with 'sys' privileges | sys |
| | DatabaseHostSID_UB S | Enter the UBS Host database SID or Service Name | UBSSID |

| | UBS_SCHEMA | Enter the EXISTING UBS Host schema name | OBDXUBS |
|----------|----------------------------|--|--|
| | UBS_CCY | Enter the Country code for UBS HOME Branch | GB |
| | UBS_HB | Enter the Branch code for | |
| | | code for UBS HOME Branch | AT3 |
| | | | |
| | | Middleware home path. Example | |
| | MiddlewareHome | /home/obdxuser/Oracle/Middlewar e/Oracle_Home - where you have directories like wlserver,oracle_common etc. | /home/obdxuser/Or acle/Middleware/Or acle_Home |
| | JAVA_HOME | Path where JAVA (JDK) is installed | /home/obdxuser/jdk1 8 |
| | INSTALLATION_HOM E | Path where OBDX is to be installed. All configuration files will be copied as a sub-directory "config" under this directory. DO NOT KEEP INSTALLATION_HOME AS MiddlewareHome. | /home/obdxuser/obdx |
| WEBLOGIC | DOMAIN_PATH | Path where OBDX Weblogic domain should be created. Users can now enter custom path as per their requirements. | /home/obdxuser/dom ains |
| SERVER | ClusterName | Name of cluster; this cluster would only have single managed server. | obdx_cluster |
| | NoofMachine | Number of machines in the cluster. Currently only single node is supported. | 1 |
| | ClusterMachineName List | Host names or IP addresses of managed servers participating in the cluster separated by a colon ':'. Currently only single node is supported. | ofss310759 |
| | HostMachinePort | Host machine port. It is the port to access the administrative page of the weblogic server on the installation environment. Generally port 7001 is used as the admin server port. | 7001 |
| | | | |

| HostMachineSSLPort | Host machine SSL port. It is the port used to securely access (https) the administrative page of the weblogic server on the installation environment. Generally port 7002 is used as the admin server port. | 7002 |
|------------------------------|---|--------------------------------|
| NodeManagerPort | Node manager port. This port will be used to run node manager corresponding to the managed server. Custom ports are supported. | 5556 |
| ManagedServerName | Managed server name. This will be the name of the managed server created in the cluster followed by indexes. eg- If this is set as 'clip' managed servers would be clip1etc. | clip |
| ManagedServerPort | Managed Server Port. Managed server will utilize this port for hosting OBDX components and associated resources. | 9001 |
| DomainName | Enter Weblogic Domain name. | obdx_domain1 |
| DomainUserID | Domain user ID and password. In order to restrict the access of domain, credentials are needed. The user id will be used to access the Weblogic Administrator Console. | weblogic |
| AsyncFailureLogFileSt ore | Set the path for the persistence stores of the AsyncFailure JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/ AsyncFailure |
| FileUploadFileStore | Set the paths for the persistence stores of the FileUpload JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/ FileUpload |
| AuditFileStore | Set the paths for the persistence stores of the Audit JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/Audit |

| | ReportsFileStore | Set the paths for the persistence stores of the Reports JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/Repo rts |
|-----|--------------------------------|---|---------------------------|
| | ExtSystemReceiverFil eStore | Set the paths for the persistence stores of the ExtSystemReceiver JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/Rece ver |
| | ExtSystemSenderFile Store | Set the paths for the persistence stores of the ExtSystemSender JMS modules. DO NOT KEEP path as INSTALLATION_HOME or as sub directory inside INSTALLATION_HOME. | /scratch/obdx/Send er |
| | JMSForeignServerUR L | Set the IP and port for UBS Managed server where JMS queue are available (Specific to OBDX – UBS flavor) | 10.184.135.59:786 0 |
| | | | |
| RCU | STBSchemaPrefix | STB schema name prefix. If schema name is OBDX_STB then OBDX is the prefix. | OBDXSTB40 |

Note: Apart from above any other property values should not be modified

Ensure ORACLE_HOME, JAVA_HOME variable are set and their binaries are available in PATH variable before proceeding.

Login with OS user which was used to perform OBDX software installation (or has ownership on Oracle Weblogic home directory)

Ensure OBDX Installation home and filestore path maintained in installer.properties exists and user running the installer has read-write permissions.

- From your terminal navigate to OBDX_Installer/
- Enter the following command

python runInstaller.py

Select the appropriate flavor for Installation

| @obdxwls:/scratch/Installer/OBDX_Installer | |
|---|-----------------------|
| Oracle Banking Digital Experience | Installer v17.2.0.0.0 |
| Please select from the options below : | |
| Installation with Third Party System | |
| Installation with Universal Banking Solut | ion |
| Installation with Oracle Banking Platfo | rm |
| Installation with Oracle Financial Services Le Leasing | nding and |
| | |
| | |
| | |
| | |
| | |
| Use (†/1) to select between options | - |

Select the mode of Installation

Installation

| @obdxwls:/scratch/jer | nkins/OBDX_Installer | | |
|-----------------------|--|-----------|-------------|
| | Oracle Banking Digital Experience | Installer | ×17.2.0.0.0 |
| | Please select from the options below : | | |
| | New Installation | | |
| | Clean and Install | | |
| Use (†/j) to se | lect between options | | III. |

Mode of Installation - New Installation

• New installation

In-case of a fresh installation of OBDX with appropriate flavor for the first run on server. Below screens would appear with respective to flavor selected

OBDX (Installation with Third Party System)

| 🚱 @obdxwls:/scratch/jenkins/OBDX_Installer |
|--|
| Oracle Banking Digital Experience Installer v17.2.0.0.0 |
| Enter the password for the user with sys priviledges 'sys' : |
| » |
| Enter password for the OBDX schema 'OBDX_INSTEST' : |
| >> |
| Enter password for the STB schema 'INSTEST_STB' : |
| >> |
| Enter password for the weblogic domain user id 'weblogic' : |
| >> |
| Use (1/1) keys to navigate between questions and press 'enter' after editing them \sim |

Enter below passwords:

- SYS privilege user password where OBDX schema would be created
- OBDX schema password
- OBDX STB schema password
- Weblogic console administrator user password

OBDX with UBS (Installation with Universal Banking Solution)

| 證 @obdxwis/scratch/jenkins/OBDX_Installer | |
|---|---|
| Oracle Banking Digital Experience | |
| Enter the password for the user with sys priviledges 'sys' : | |
| » | |
| Enter password for the OBDX schema 'OBDX INSTEST' : | |
| >> | |
| | |
| Enter password for the STB schema 'INSTEST_STB' : | |
| » | |
| Enter password for the weblogic domain user id 'weblogic' : | |
| » | |
| | |
| Enter the password for the user with sys priviledges of UBS database 'sys' : | |
| » | |
| Enter password for the UBS schema 'UBS121' (Existing) : | |
| » | |
| Enter password for the UBS schema 'TESTRUN UBS' (new) : | |
| <pre>inter password for the UBS schema 'IESIRUN_UBS' (new) : >></pre> | |
| | |
| Use $(\uparrow/_1)$ keys to navigate between questions and press 'enter' after editing them | - |

Enter below passwords:

- SYS privilege user password where OBDX schema would be created
- OBDX schema password
- OBDX STB schema password
- Weblogic console administrator user password
- SYS privilege user password where UBS host schema exists
- Existing UBS HOST schema password
- New OBDX EXT schema password

OBDX with OBP (Installation with Oracle Banking Platform)

No additional input required. Screen is same as seen in OBDX flavor.

OBDX with FLL (Installation with Oracle Financial Services Lending and Leasing)

No additional input required. Screen is same as seen in OBDX flavor.

Mode of Installation - Clean and Install

In-case of an existing OBDX installation that you want to overwrite OR in case of a previously failed installation user can opt for this option.

Pre-requisites

- Weblogic domain processes should be down (i.e. AdminServer, NodeManager, Managed Servers, Derby etc)
- No open session (user should not be logged-in) with OBDX database schema (and OBDX EXT schema in-case of OBDX UBS flavor) and RCU schema.

Key pointers

- OBDX schema (and OBDX EXT schema in-case of OBDX UBS flavor) and RCU schema would be dropped and recreated (as per installer.properties). Tablespace would be re-used.
- Weblogic domain (as per installer.properties) would be deleted and created again.
- Installation Home would be cleaned up and all files/ sub-directories would be deleted.

Note: All input screens are similar to new installation option and as per the flavor opted.

Installation Status

After selecting the mode and entering all required details, the status is displayed (as shown below) on the terminal to indicate the progress of the installation.



When the installation completes, the below message is displayed



5. stallation In Silent Mode

This chapter describes how to run the OBDX installer in silent mode.

What is silent-mode installation?

During installation in silent mode, the installation program reads the details for your configuration from the environment properties and installer.properties that you set for the session before beginning the installation. The installation program does not display any configuration options during the installation process.

Steps for Silent-Mode Installation

Set the environment variables

| [devops@obdxwls | OBDX_Installer]\$ | | |
|-----------------|-------------------|--------|------------------------------|
| [devops@obdxwls | OBDX Installer]\$ | export | FLAVOUR=UBS |
| [devops@obdxwls | OBDX Installer]\$ | export | MODE=New |
| [devops@obdxwls | OBDX Installer]\$ | export | DB_SYS_PASSWORD=welcome1 |
| [devops@obdxwls | OBDX Installer]\$ | export | SCHEMA PASS=welcome1 |
| [devops@obdxwls | OBDX Installer]\$ | export | STBPassword=welcome1 |
| [devops@obdxwls | OBDX Installer]\$ | export | DomainPassword=weblogic123 |
| [devops@obdxwls | OBDX Installer]\$ | export | DB_SYS_PASSWORD_UBS=welcome1 |
| [devops@obdxwls | OBDX Installer]\$ | export | UBS_PASS=password |
| [devops@obdxwls | OBDX Installer]\$ | export | SCHEMA_PASS_UBS=welcome1 |
| [devops@obdxwls | OBDX_Installer]\$ | | |

Below parameters should be set in environment variables

| | Parameter | Description |
|--|---------------------|---|
| | FLAVOUR | Flavour for installation |
| | | ' UBS ' for OBDX with UBS installation (Installation with Universal Banking Solution) |
| | MODE | Mode of installation. |
| OBDX with UBS (Installation with Universal Banking | | 'New' in-case of a fresh installation of OBDX for the first run on server 'Clean' in-case of an existing OBDX installation that you want to overwrite OR in case of a previously failed installation |
| Solution) | DB_SYS_PASSWORD | Sys password of OBDX database (Existing) |
| | SCHEMA_PASS | Password for new schema on OBDX database |
| | STBPassword | Password for STB schema |
| | DomainPassword | Password for weblogic admin console |
| | DB_SYS_PASSWORD_UBS | Sys password of UBS database (Existing) |
| | UBS_PASS | Password of existing HOST UBS schema (Existing) |
| | SCHEMA_PASS_UBS | Password for new B1A1 schema on UBS database |
| | FLAVOUR | Flavour for installation |
| | | OBP ' for OBDX with OBP installation |

| OBDX with OBP (Installation with Oracle Banking Platform) / FLL (Installation with Oracle Financial Services Lending and Leasing) / | Mode | (Installation with Oracle Banking Platform) 'OBDX' for standalone OBDX installation (Installation with Third Party System) 'FLL' for OBDX with FLL installation (Installation with Oracle Financial Services Lending and Leasing) Mode of installation. 'New' in-case of a fresh installation of OBDX for the first run on server 'Clean' in-case of an existing OBDX installation that you want to overwrite OR in case of a previously failed installation |
|---|-----------------|---|
| OBDX (Installation | | |
| with Third Party | DB_SYS_PASSWORD | Sys password of OBDX database (Existing) |
| System) | SCHEMA_PASS | Password for new schema on OBDX database |
| | STBPassword | Password for STB schema |
| | DomainPassword | Password for weblogic admin console |

• Run the runInstaller.py file with '---silent ' argument

[root@65fe613aa078 OBDX_Installer]# [root@65fe613aa078 OBDX_Installer]# python runInstaller.py --silent

Installation Status

After all passwords are entered, the status is displayed on the terminal to indicate the progress of the installation.



When the installation completes, the below message is displayed



6. Installer Verification

Each execution creates a new directory as <DDMonthHHMM> under OBDX_Installer/ExecInstances directory where output logs as describe are stored.

| Log Description | РАТН |
|------------------------------------|---|
| Summarized Installer Activity Log | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/obdx_installer.log</ddmonthhhmm> |
| Summarized Database Logs | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/db/DB_installation.log</ddmonthhhmm> |
| Detailed OBDX DB Logs per SQL file | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/db/OBDX/*</ddmonthhhmm> |
| Detailed UBS DB Logs per SQL file | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/db/UBS/*</ddmonthhhmm> |
| RCU Logs | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/app/obdx_stb_rcu_1600.log</ddmonthhhmm> |
| Weblogic Configuration Logs | OBDX_Installer/ExecInstances/ <ddmonthhhmm> /logs/app/obdx_wls_post.log</ddmonthhhmm> |

Check all the logs for any errors.

7. Installer Scope

OBDX Installer currently covers below activities:

Flavor: OBDX (Installation with Third Party System)

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|-----------------------------|-------------------------------------|--|---------------------|---|
| | | | | |
| | | Create Tablespace | | NA |
| | | Create Schema and Role | \checkmark | (drop and create) |
| | OBDX DB Setup | Grants | \checkmark | \checkmark |
| | | Load DB object (DDL's and DML's) | \checkmark | \checkmark |
| | | Compile Schema | | \checkmark |
| | Weblogic Setup and Configuration | RCU schema and Create Domain | \checkmark | √ (drop and create) |
| OBDX | | Create and Configure AdminServer, Machine, Managed Server and Cluster | ~ | ~ |
| (Installation with Third | | Configure NodeManager | | \checkmark |
| Party System) | | Configure JDBC | | |
| | | Configure JMS servers, Persistent stores and JMS Modules | ~ | 1 |
| | | Application Deployment | | \checkmark |
| | | JTA | \checkmark | \checkmark |
| | | Enable Production Mode | \checkmark | \checkmark |
| | | Start AdminServer and NodeManager | \checkmark | \checkmark |
| | OBDX Configuration | Copy Config files into OBDX Installation Home and configure Preferences.xml (set AdapterFactories) | \checkmark | √ (Delete old and copy new from installer zip) |

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|------------------------------------|----------------------------------|--|---------------------|----------------------|
| | | | | |
| | | Create Tablespace | | NA |
| | | Create Schema and Role | \checkmark | √ (drop and create) |
| | OBDX DB Setup | Grants | \checkmark | |
| | | Load DB object (DDL's and DML's) | \checkmark | \checkmark |
| | | Compile Schema | \checkmark | |
| | | Create Tablespace | | NA |
| | OBDX EXTSYSTEM DB Setup | Create Schema and Role | \checkmark | √ (drop and create) |
| | | Grants | | |
| OBDX with UBS | | Load DB object (DDL's and DML's) | \checkmark | \checkmark |
| (Installation with Universal | | DB Link pointing to OBDX Schema | \checkmark | \checkmark |
| Banking Solution) | | Compile Schema | | \checkmark |
| | | RCU schema and Create Domain | \checkmark | (drop and create) |
| | | Create and Configure AdminServer, Machine, | | |
| | | Managed Server and Cluster | | \checkmark |
| | | Configure NodeManager | | |
| | Weblogic Setup and Configuration | Configure JDBC | | |
| | | Configure JMS servers, Persistent stores and JMS Modules | 1 | \checkmark |
| | | Application Deployment | \checkmark | \checkmark |
| | | JTA | | |
| | | Enable Production Mode | | |

Flavor: OBDX with UBS (Installation with Universal Banking Solution)

E.

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|--------|-----------------------|--|---------------------|---|
| | | Start AdminServer and NodeManager | \checkmark | \checkmark |
| | OBDX Configuration | Copy Config files into OBDX Installation Home and configure Preferences.xml (set AdapterFactories) | | √ (Delete old and copy new from installer zip) |

Flavor: OBDX with OBP (Installation with Oracle Banking Platform)

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|--|--|---|---------------------|----------------------|
| | | | | |
| | | Create Tablespace | \checkmark | NA |
| | OBDX DB | Create Schema and Role | \checkmark | (drop and create) |
| | Setup | Grants | | |
| | | Load DB object (DDL's and DML's) | \checkmark | \checkmark |
| | | Compile Schema | | |
| OBDX with OBP | Weblogic Setup and Configuration | RCU schema and Create Domain | \checkmark | (drop and create) |
| (Installation with Oracle Banking Platform) | | Create and Configure AdminServer, Machine, Managed Server and Cluster | \checkmark | \checkmark |
| , | | Configure NodeManager | \checkmark | \checkmark |
| | | Configure JDBC | \checkmark | \checkmark |
| | | Configure JMS servers, Persistent stores and JMS Modules | \checkmark | \checkmark |
| | | Application Deployment | | |
| | | JTA | \checkmark | |
| | | Enable Production Mode | \checkmark | |
| | | Start AdminServer and | | |

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|--------|-----------------------|---|---------------------|---|
| | | NodeManager | | |
| | OBDX Configuration | Copy Config files into OBDX Installation Home and configure Preferences.xml (set AdapterFactories) | \checkmark | (Delete old and copy new from installer zip) |

Flavor: OBDX with FLL (Installation with Oracle Financial Services Lending and Leasing)

| Flavor | Activity | Detailed Activity List | Detailed Activity List Installation | | | | |
|---|--|---|-------------------------------------|-------------------|--|--|--|
| | | | | | | | |
| | | Create Tablespace | \checkmark | NA | | | |
| | OBDX DB | Create Schema and Role | \checkmark | (drop and create) | | | |
| | Setup | Grants | \checkmark | \checkmark | | | |
| | | Load DB object (DDL's and DML's) | \checkmark | \checkmark | | | |
| | | Compile Schema | | | | | |
| OBDX with FLL (Installation | Weblogic Setup and Configuration | RCU Schema and Create Domain | \checkmark | (drop and create) | | | |
| with Oracle Financial Services Lending | | Create and Configure AdminServer, Machine, Managed Server and Cluster | \checkmark | \checkmark | | | |
| and Leasing) | | Configure NodeManager | \checkmark | \checkmark | | | |
| | | Configure JDBC | \checkmark | \checkmark | | | |
| | | Configure JMS servers, Persistent stores and JMS Modules | \checkmark | \checkmark | | | |
| | | Application Deployment | | \checkmark | | | |
| | | JTA | \checkmark | \checkmark | | | |
| | | Enable Production Mode | \checkmark | \checkmark | | | |
| | | Start AdminServer and | \checkmark | | | | |

| Flavor | Activity | Detailed Activity List | New Installation | Clean and Install |
|--------|-----------------------|---|---------------------|---|
| | | NodeManager | | |
| | OBDX Configuration | Copy Config files into OBDX Installation Home and configure Preferences.xml (set AdapterFactories) | \checkmark | (Delete old and copy new from installer zip) |

8. Post Installation Steps

Once Installation is successful and no errors are observed, proceed with below set of steps.

Apply JRF Template

To apply JRF template follow below steps.

 To do this, ensure that the Admin Server is running. Login to the EM (Enterprise Manager) Console using the following URL:

http://<hostname>:<admin_port>/em

Note: EM console would be available on same hostname and port which was used for Weblogic Admin Console for OBDX domain (created via installer), just replace the "/console" with "/em".

| Sign in - Oracle Enterpri: X | 2 | - 0 | × |
|---|---|-----|---|
| 🗧 🔆 C 🔞 Not secure mum00bzt.8001/em/faces/targetauth/emasLogin?target=/Domain_OBDX_INS_TEST/OBDX_INS_TEST&type=weblogic_domain&fromContextInitFilter=true | | ☆ | : |
| SIGN IN TO ORACLE ENTERPRISE MANAGER FUSION MIDDLEWARE CONTROL 12c | | | |
| | | | |
| | | | 1 |
| Domain_DOBDX_INS_TEST | | | |
| * User Name | | | |
| * Password | | | |
| Login to Partition | | | |
| Sign In | | | |
| | | | |
| | | | - |

• Enter Weblogic administrator username and password (same used for Weblogic administrator console login)

Post Installation Steps

| Sign in - Oracle Enterpris X | - O | × |
|---|---|-----|
| ← → C (③ Not secure mum00bzt:8001/em/faces/targetauth/emasLogin?target=/Domain_OBDX_INS_TEST/OBDX_INS_TEST8type | =weblogic_domain&FromContextInitFilter=true | |
| SIGN IN TO ORACLE ENTERPRISE MANAGER FUSION MIDDLEWARE CONTROL 12c | | |
| | | |
| | | |
| Domain_DOBDX_INS_TEST | | |
| * User Name weblogic | | |
| * Password | | - 1 |
| Login to Partition | | |
| Sign in | | |
| | | |
| | | ÷ |
| Sign In | | |

Click on Sign In

| weblogic v Refresh Off 11:43:52 AM UT |
|---|
| |
| 11:43:52 AM UT |
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| CPU ge (%) |
| CPU . |
| ge (%) |
| ge (%) |
| |

• Click on the Managed Server (as highlighted below)

| Servers | | | | | | |
|--------------------------------------|--------|---------------|---------|----------|---------|-------------|
| View 🔻 🎽 Create 🔀 Delete Control 💌 🕎 | | | | | | |
| Name | Status | Cluster | Machine | State | Health | Listen Port |
| AdminServer(admin) | 1 | | | Running | ОК | 9001 |
| OBDX_INS1 | + | InstallerTest | Host1 | Shutdown | Unknown | 9003 |

Note : Depending on installer.properties, Managed server will differ from above screenshot.

| → C ① mum00bzt:8001, | /em/faces/as-weblogic-webLogicServerHome?type | e=weblogic_j2eeserver⌖=%2FDomain_0 | BDX_INS_TEST%2FOBD | X_INS_TEST%2FO | BDX_INS1 | | 9 ☆ | |
|---|---|---|----------------------------|----------------------|-----------------|----------------|---------------|-------|
| | se Manager Fusion Middleware Control 12c | | | | 🕌 WebLogic | Domain 💌 | weblogic * | - |
| BDX_INS1 0 | | | | | 1 | 🖂 🔻 🛛 Aut | o Refresh | off • |
| | Start Up Shut Down | | | | | Jul 23, 2017 | 7 11:47:46 AM | итс 🛫 |
| Information | | | | | | | | |
| Key Enterprise Manager feature | es such as monitoring, security and logging are not ave t be restarted for this operation to complete. Note that | ailable because the Java Required Files (JRF) temp | plate has not been applied | d to the cluster. Yo | u can apply the | e JRF templat | e now to ena | able |
| | a be restanted for this operation to complete. Note that | the SKP template includes application deployment | its, startup and shutdown | ciasses, as well a: | s changes to u | ie system cia: | sspaui. | |
| Apply JRF Template | | | | | | | | |
| 1) Information | | | | | | | | 8 |
| Certain functionality on this pa | ge is available only when you own the edit session loc | k. To obtain the lock, click "Lock and Edit" in the C | Change Center menu. | | | | | |
| Monitoring | a muni | | | | | | | |
| | General | Res | sponse and Load | | | | | |
| | | | sponse and Load | | | | | |
| | Version | 12.2.1.2.0 | sponse and Load | | | | | |
| | Version | | sponse and Load | | | | | |
| Metrics are unavailable. Apply the JRF Template. | Version | 12.2.1.2.0 Shutdown | sponse and Load | | | | | |
| the JRF Template. | Version State Server Type | 12.2.1.2.0 Shutdown | sponse and Load | | | | | |
| the JRF Template. | Version State Server Type Cluster | 12.2.1.2.0 Shutdown Configured InstallerTest | sponse and Load | | | | | |
| the JRF Template. | Version State Server Type | 12.2.1.2.0 Shutdown Configured InstallerTest | sponse and Load | | | | | |
| Deployments | Version State Server Type Cluster | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable | sponse and Load | | | | | |
| Deployments | Version State Server Type Cluster CPU Usage (%) Heap Usage (MB) | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable Unavailable | | 27 11/20 | 11-41 11-4 | 2 11/45 | 11-47 | |
| Deployments | Version State Server Type Cluster CPU Usage (%) Heap Usage (MB) | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable Unavailable | sponse and Load | 37 11:39 | 11:41 11:4 | 3 11:45 | 11:47 | |

• Click on "Lock and Edit" option (as shown in screenshot).

| → C ① mum00bzt:8001/em | n/faces/as-weblogic-webLogicServerHome?type | =weblogic_J2eeserver⌖=%2 | PDomain_OBDX_INS_ | _TEST%2FO | BDX_INS_I | ES1%2FOE | IUX_INS1 | | 7 | ☆□ |
|---|--|---|---|----------------------------|--------------------------|------------------------------|-------------|---|-----------------------|--------|
| DRACLE' Enterprise I | Manager Fusion Middleware Control 12c | | | | | | H WebL | Logic Domain | ▼ weblo | gic 🔻 |
| BDX_INS1 0 | | | | | | | 6 | ▼ ⊠ ▼ | Auto Refres | sh Off |
| RebLogic Server 👻 🕨 | Start Up Shut Down | | | | | | | Edit Session | ns | итс |
| Information | | | | | | | | Lock & Edit | | |
| Key Enterprise Manager features s these features. The cluster must be | uch as monitoring, security and logging are not ava e restarted for this operation to complete. Note that | ilable because the Java Required File the JRF template includes application | les (JRF) template has n in deployments, startup | not been app and shutdo | olied to the own classes | cluster. You , as well as | can chan | View Chang | je List | able |
| Apply JRF Template | | | | | | | | View & Resi | olve Conflicts | |
| | | | | | | | | Release Co | nfiguration | |
| Information | | | | | | | | | | |
| | is available only when you own the edit session loci | x. To obtain the lock, click "Lock and | I Edit" in the Change Ce | enter menu. | | | | Activate Cha | anges | |
| Certain functionality on this page | is available only when you own the edit session lock | s. To obtain the lock, click "Lock and | l Edit" in the Change Ce | enter menu. | | | | Activate Cha Undo All Ch | | |
| Certain functionality on this page | is available only when you own the edit session lock General | s. To obtain the lock, click "Lock and | I Edit" in the Change Ce Response a | | | | | | anges | _ |
| Certain functionality on this page Monitoring Metrics are unavailable. Apply | General | c. To obtain the lock, click "Lock and 12.2.1.2.0 | , in the second s | | | | | Undo All Ch | anges rt Checklist | _ |
| Certain functionality on this page Monitoring Metrics are unavailable. Apply | General Version | | , in the second s | | | | | Undo All Ch View Restar | anges rt Checklist | |
| Information Certain functionality on this page Monitoring Wetrics are unavailable. Apply he JRF Template. | General Version State | 12.2.1.2.0 Shutdown | , in the second s | | | | | Undo All Ch View Restar Preferences | anges rt Checklist | |
| Certain functionality on this page Monitoring Metrics are unavailable. Apply he JRF Template. | General Version State Server Type | 12.2.1.2.0 Shutdown Configured | , in the second s | | | | | Undo All Ch View Restar Preferences | anges rt Checklist | |
| Certain functionality on this page i Monitoring Metrics are unavailable. Apply | General Version State Server Type Cluster | 12.2.1.2.0 Shutdown Configured InstallerTest | , in the second s | | | | | Undo All Ch View Restar Preferences | anges rt Checklist | |
| Certain functionality on this page Monitoring Metrics are unavailable. Apply he JRF Template. | General Version State Server Type | 12.2.1.2.0 Shutdown Configured InstallerTest | , in the second s | | | | | Undo All Ch View Restar Preferences | anges rt Checklist | |
| Certain functionality on this page Monitoring Metrics are unavailable. Apply he JRF Template. | General Version State Server Type Cluster | 12.2.1.2.0 Shufdown Configured InstallerTest Unavailable | , in the second s | | | | | Undo All Ch View Restar Preferences | anges rt Checklist | |
| Certain functionality on this page donitoring Metrics are unavailable. Apply he JRF Template. Deployments | General Version State Server Type Cluster CPU Usage (%) | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable Unavailable | , in the second s | III:36 | 11:38 | 11:40 1 | | Undo All Ch View Restar Preferences Help | anges rt Checklist | 8 |

You will see below screen stating the edit session confirmation

| 🗅 OBDX_INS1 (Oracle Web) 🗙 🔪 | | | | | | | ± _ | - 0 | > |
|--|--|---|-------------------|--------------|--------------|--------------|---------------|-------------|---|
| \rightarrow C (mum00bzt:8001/em | /faces/as-weblogic-webLogicServerHome?type | =weblogic_j2eeserver⌖=%2FDomain_OB | DX_INS_TEST%2FOBD | DX_INS_TEST9 | 62FOBDX_INS1 | | | 1 ☆ | |
| | anager Fusion Middleware Control 12c | | | | 🖶 Webl | Logic Domair | n 🔻 🛛 wel | ablogic 💌 | |
| BOBDX_INS1 0 | | | | | a | • 🗹 • | | efresh Off | |
| Confirmation The edit session lock has been ac | start Up Shut Down quired. No pending changes exist. | | | | | 2 lut | 23, 2017 11:4 | 17:46 AM UT | |
| | ich as monitoring, security and logging are not ava restarted for this operation to complete. Note that | | | | | | | | e |
| Monitoring | General | | oonse and Load | | | | | | - |
| | | Res | ponse and Load | | | | | | |
| | Version | 12.2.1.2.0 | ponse and Load | | | | | | 1 |
| | | | | | | | | | 1 |
| | | 12.2.1.2.0 Shutdown | | | | | | | |
| the JRF Template. | State Server Type | 12.2.1.2.0 Shutdown | | | | | | | |
| Deployments | State Server Type | 12.2.1.2.0 Shutdown Configured InstallerTest | | | | | | | |
| the JRF Template. | State Server Type Cluster | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable | | | | | | | |
| Metrics are unavailable. Apply the JRF Template. Deployments 7 Down | State Server Type Cluster CPU Usage (%) | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable | 11:35 AM 11:37 | 11:39 1 | 1:41 11:43 | 11:45 | 11:47 | 11:49 | |
| Deployments | State Server Type Cluster CPU Usage (%) Heap Usage (MB) | 12.2.1.2.0 Shutdown Configured InstallerTest Unavailable Unavailable | | 11:39 1 | 1:41 11:43 | 11:45 | 11:47 | 11:49 | |

• Click on "Apply JRF Template" option (as shown in screenshot).

| ORACLE [®] Enterprise | Manager Fusion Middleware Control 12c | | 🖺 WebLogic Domain 💌 weblogic 💌 |
|----------------------------------|---------------------------------------|---------------|---|
| | | | 🔐 💌 🔛 💌 Auto Refresh Off |
| E WebLogic Server 🔻 | Start Up Shut Down | | Jul 23, 2017 11:47:46 AM UT |
| Confirmation | | | |
| The edit session lock has been a | cquired. No pending changes exist. | | |
| 1 Information | | | |
| | | | te has not been applied to the cluster. You can apply the JRF template now to enable startup and shutdown classes, as well as changes to the system classpath. |
| Apply JRF Template | | | |
| Monitoring | General | Resp | onse and Load |
| Metrics are unavailable. Apply | Version | 12.2.1.2.0 | |
| the JRF Template. | State | Shutdown | |
| | Server Type | Configured | |
| Deployments | | InstallerTest | |

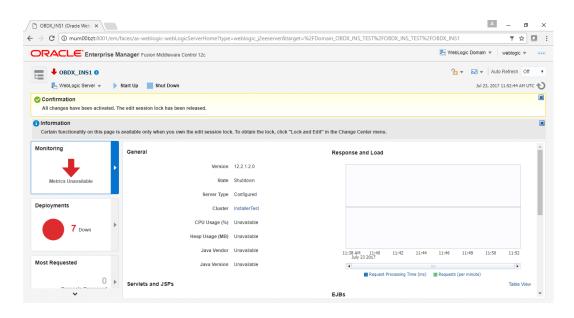
Is JRF successfully applied, you will get below Confirmation.



| OBDX_INS1 (Oracle Web: × | | | | <u> </u> | ð × |
|--|---|--|--------------------------------------|--|----------|
| \rightarrow C (i) mum00bzt:8001/em/f | aces/as-weblogic-webLogicServerHome?type | =weblogic_j2eeserver⌖=%2FDomain_OBI | DX_INS_TEST%2FOBDX_INS_TEST%2FOBDX_I | NS1 🕈 🕇 | 2 |
| | anager Fusion Middleware Control 12c | | iii v | /ebLogic Domain 🔻 🛛 weblogic | • ··· |
| B WebLogic Server V S | Start Up 📕 Shut Down | | | Edit Sessions | off • |
| | restarted for this operation to complete. Some in | are pending activation. Use the Activate Changes formation provided by the JRF template may not be | | Lock & Edit View Change List View & Resolve Conflicts Release Configuration | age 🛛 |
| Monitoring | General | Resp | oonse and Load | Activate Changes | ^ |
| | Version | 12.2.1.2.0 | | Undo All Changes | |
| Metrics Unavailable | State | Shutdown | | View Restart Checklist | |
| | Server Type | Configured | | Preferences | |
| Deployments | Cluster | InstallerTest | | нер | 1 |
| — — — | CPU Usage (%) | Unavailable | | | - 5 |
| 7 Down | Heap Usage (MB) | Unavailable | | | |
| | Java Vendor | Unavailable 11 | :37 AM 11:39 11:41 11:43 11:45 | 11:47 11:49 11:51 | |
| Most Requested | Java Version | Unavailable | July 23 2017 | sts (per minute) | |
| Requests Processed | Servlets and JSPs | | request receasing time (ms) | Table 1 | View |
| Kequesis Processed | Active Sessions | Unavailable | 5 | | ÷ |

• Click on "Activates Changes" option (as shown in screenshot).

Post activation you will receive below Confirmation.



OBDX Application logging

To enable OBDX activation logging make below change to logging.xml present at \${domain.home}/config/fmwconfig/servers/\${ManagedServer}.

| Boobdxwls:~/Oracle/Middleware/Oracle_Home/user_projects/domains/obdx_domain/config/fmwconfig/servers/obdx_server1 | _ | × |
|---|------|---|
| [obdx_server1]\$ pwd /home/devops/Oracle/Middleware/Oracle_Home/user_projects/domains/obdx_domain/config/fmwconfig/servers/obdx_serv [obdx_server1]\$ ls -ltr | ver1 | ^ |
| total 40 drwxr-x 2 devops devops 4096 May 10 14:06 mbeans | | |
| -rw-r 1 devops devops 2286 May 10 14:06 dms_config.xml | | |
| drwxr-x 2 devops devops 4096 May 10 14:06 diagnostics-registration -rw-r 1 devops devops 1796 May 10 14:06 dfw_config.xml | | |
| drwxr-x 2 devops devops 4096 May 10 14:06 dfw -rw-r 1 devops devops 11250 May 10 14:06 <mark>logging.xml</mark> | | |
| drwxr-x 1 devops devops 4096 May 12 10:42 applications -rw-r 1 devops devops 109 Jul 13 07:03 loggers.exclude | | |
| [obdx_server1]\$ | | |
| | | |
| | | |
| | | ~ |

Open logging.xml and make a new entry under <log_handlers> tag using below code template:

<log_handler name='obdx-handler' level='<LOGLEVEL>' class='oracle.core.ojdl.logging.ODLHandlerFactory'>

- <property name='path' value='<path for OBDX log>/<OBDX log filename>' />
- <property name='maxFileSize' value='<The maximum size in bytes for each log file>' />
- <property name='maxLogSize' value='<The maximum size in bytes for the entire log>' />
- <property name='encoding' value='<encoding>' />
- <property name='useThreadName' value='true' />
- <property name='supplementalAttributes' value='<supplementalAttributes>' />
- </log_handler>

Below is a sample implementation for log_handlers file.

<log_handler name='obdx-handler' level='ERROR' class='oracle.core.ojdl.logging.ODLHandlerFactory'>

- cproperty name='path' value='\${domain.home}/servers/\${weblogic.Name}/logs/obdx.log' />
- <property name='maxFileSize' value='10485760' />
- <property name='maxLogSize' value='104857600' />
- <property name='encoding' value='UTF-8' />
- <property name='useThreadName' value='true' />

<property name='supplementalAttributes'

value='J2EE_APP.name,J2EE_MODULE.name,WEBSERVICE.name,WEBSERVICE_PORT.name,compos ite_instance_id,component_instance_id,composite_name,component_name' />

</log_handler>

| Obdxwls:-/domain/OBDX_INS_TEST/config/fmwconfig/servers/OBDX_INS1 | - 🗆 | × |
|--|-----|----------|
| xml version='1.0' encoding='UTF-8'? | | ^ |
| <logging configuration=""></logging> | | |
| <pre><low handlers=""></low></pre> | | |
| <log class="oracle.core.ojdl.logging.ODLHandlerFactory" handler="" level="ERROR" name="ofss-handler"></log> | | |
| <property name="path" value="\${domain.home}/servers/\${weblogic.Name}/logs/obdx.log"></property> | | |
| <property name="maxFileSize" value="10485760"></property> | | |
| <pre><pre>property name='maxLogSize' value='104857600' /></pre></pre> | | |
| <property name="encoding" value="UTF-8"></property> | | |
| <property name="useThreadName" value="true"></property> | | |
| <propertyname='supplementalattributes' value="J2EE APP.name,J2EE MODULE.name,WEBSERVICE.name,WEBSERVICE PORT.name,composite instance</pre></td><td>id, compor</td><td>hent</td></tr><tr><td>instance id, composite name, component name"></propertyname='supplementalattributes'> | | |
| | | |
| <log class="oracle.core.ojdl.logging.ConsoleHandler" formatter="oracle.core.ojdl.weblogic.</td><td>ConsoleFo</td><td>ormat</td></tr><tr><td>ter" handler="" level="WARNING:32" name="console-handler"></log> | | |
| <log_handler class="oracle.core.ojdl.logging.ODLHandlerFactory" filter="oracle.dfw.incident.IncidentDetectionLogFilter" name="odl-handler"></log_handler> | | |
| <pre><pre>cproperty name='path' value='\${domain.home}/servers/\${weblogic.Name}/logs/\${weblogic.Name}-diagnostic.log'/></pre></pre> | | |
| <property name="maxFileSize" value="10485760"></property> | | |
| <property name="maxLogSize" value="104857600"></property> | | |
| <property name="encoding" value="UTF-8"></property> | | |
| <property name="useThreadName" value="true"></property> | | |
| <property name="supplementalAttributes" value="DSID, J2EE_APP.name, J2EE_MODULE.name, WEBSERVICE.name, WEBSERVICE_PORT.name, oracle.soa.tracking</td><td>g.FlowId,</td><td>orac</td></tr><tr><td>le.soa.tracking.InstanceId,oracle.soa.tracking.SCAEntityId,oracle.soa.tracking.FaultId,oracle.soa.tracking.RetryCount,composite_name"></property> | | |
| | | |
| <log_handler class="oracle.core.ojdl.weblogic.DomainLogHandler" level="WARNING" name="wls-domain"></log_handler> | | |
| <log_handler class="oracle.core.ojdl.logging.ODLHandlerFactory" name="owsm-message-handler"></log_handler> | | |
| <property name="path" value="\${domain.home}/servers/\${weblogic.Name}/logs/owsm/msglogging/diagnostic.log"></property> | | ~ |

Add loggers under <loggers> tag using below template:

<logger name='com.ofss' level='ERROR' useParentHandlers='false'>

<handler name='obdx-handler' />

</logger>

<logger name='#BANKCODE#.com.ofss' level='ERROR' useParentHandlers='false'>

<handler name='obdx-handler' />

</logger>

Note: Replace the #BANKCODE# with bank code.

```
Below is a sample implementation for loggers file
```

<logger name='com.ofss' level='ERROR' useParentHandlers='false'>

<handler name='obdx-handler' />

</logger>

<logger name='000.com.ofss' level='ERROR' useParentHandlers='false'>

<handler name='obdx-handler' />

</logger>

| n @obdxwls:-/domain/OBDX_INS_TEST/config/fmwconfig/servers/OBDX_INS1 | - | × |
|--|---|---|
| | | |
| | | |
| <loggers></loggers> | | |
| <logger level="ERROR" name="com.ofss" useparenthandlers="false"></logger> | | |
| <handler name="ofss-handler"></handler> | | |
| | | |
| <logger level="ERROR" name="000.com.ofss" useparenthandlers="false"></logger> | | |
| <handler name="ofss-handler"></handler> | | |
| | | |
| <logger level="WARNING:1" name="" useparenthandlers="true"></logger> | | |
| <handler name="odl-handler"></handler> | | |
| <handler name="wls-domain"></handler> | | |
| <handler name="console-handler"></handler> | | |
| | | |
| <logger level="NOTIFICATION:1" name="oracle" useparenthandlers="true"></logger> | | |
| <logger name="oracle.adf" useparenthandlers="true"></logger> | | |
| <pre><logger name="oracle.adf.desktopintegration" useparenthandlers="true"></logger></pre> | | |
| <pre>(logger name='oracle.adf.faces' useParentHandlers='true'/></pre> | | |
| <pre>(logger name='oracle.adf.controller' useParentHandlers='true'/></pre> | | |
| <pre><logger name="oracle.adfinternal" useparenthandlers="true"></logger></pre> | | |
| <pre>(logger name='oracle.adfinternal.controller' useParentHandlers='true'/></pre> | | |
| <pre><logger name="oracle.jbo" useparenthandlers="true"></logger></pre> | | |
| <logger name="oracle.adfdt" useparenthandlers="true"></logger> | | |
| <logger name="oracle.adfdtinternal" useparenthandlers="true"></logger> | | |
| <logger name="oracle.wsm" useparenthandlers="true"></logger> | | |
| <logger level="NOTIFICATION:1" name="oracle.wsm.msg.logging" useparenthandlers="false"></logger> | | |

Eclipselink logging

To modify eclipselink logging make changes in <INSTALLATION_HOME>\config\META-INF\persistence.xml using below link :

https://wiki.eclipse.org/EclipseLink/Examples/JPA/Logging

| ©obdxwls:~/obdx/config/META-INF | _ | | × |
|--|--------------------------|------------|-----------|
| | | - | |
| [' META-INF]\$ [META-INF]\$ [' META-INF]\$ pwd /home/devops/obdx/config/META-INF | | | <u> </u> |
| | | | |
| Bobdravis-/obda/config/META-INF | | - | |
| META-INF]\$ cat persistence.xml | | | |
| xml version="1.0" encoding="UTF-8" standalone="no"?> | | | |
| ersistence xmlns="http://java.sun.com/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" version="2.0" xsi:schemaLocation="http://www.w3.org/2001/XMLSchema-instance" version="2.0" xsi:schemaLocation="http://www.w3.org/">http://www.w3.org/">http://www.w3.org/">http://www.w3.org/">http://www.w3.org/">http://www.w3.org/">http://www.w | tp://java.sun.com/xml/ns | /persisten | ce http:/ |
| sun.com/xml/ns/persistence/persistence_2_0.xad*> | | | |
| <pre><persistence-unit name="DIGX" transaction-type="JTA"></persistence-unit></pre> | | | |
| <jta-data-source>DIGX/jta-data-source></jta-data-source> | | | |
| <mapping-file>META-INF/generic-mapping.orm.xml</mapping-file> | | | |
| <properties></properties> | | | |
| <property name="eclipselink.logging.level" value="WARNING"></property> | | | |
| <property name="eclipselink.logging.file" value="jpa-eclipselink.log"></property> | | | |
| <property name="eclipselink.jdbc.connector" value="com.ofss.fc.infra.das.orm.eclipselink.EclipseLinkConnector"></property> | | | |
| <property name="eclipselink.target-server" value="WebLogic"></property> | | | |
| <property name="eclipselink.session.customizer" value="com.ofss.digx.infra.das.orm.eclipselink.EclipseLinkSessionCustomizer"></property> | | | |
| | | | |
| | | | |
| <pre><pre>cpersistence-unit name="BATCH" transaction-type="RESOURCE_LOCAL"></pre></pre> | | | |
| <mapping-file>META-INF/generic-mapping.orm.xml</mapping-file> | | | |
| <properties></properties> | | | |
| <property name="eclipselink.logging.level" value="WARNING"></property> | | | |
| <property name="eclipselink.logging.file" value="jpa-eclipselink-batch.log"></property> | | | |
| <pre><pre>cproperty name="eclipselink.jdbc.connector" value="com.ofss.fc.infra.das.orm.eclipselink.EclipseLinkConnector"/></pre></pre> | | | |
| <property name="eclipselink.target-server" value="WebLogic"></property> | | | |
| <property name="eclipselink.session.customizer" value="com.ofss.digx.infra.das.orm.eclipselink.EclipseLinkSessionCustomizer"></property> | | | |
| | | | |
| | | | |
| <pre><pre>cpersistence-unit name="NONXA" transaction-type="RESOURCE_LOCAL"></pre></pre> | | | |
| <non-jta-data-source>NONXA</non-jta-data-source> | | | |
| <mapping-file>META-INF/generic-mapping.orm.xml</mapping-file> | | | |
| <properties></properties> | | | |
| <property name="eclipselink.logging.level" value="WARNING"></property> | | | |
| <property name="eclipselink.logging.file" value="jpa-eclipselink-nonxa.log"></property> | | | |
| <property name="eclipselink.jdbc.connector" value="com.ofss.fc.infra.das.orm.eclipselink.EclipseLinkConnector"></property> | | | |
| <property name="eclipselink.target-server" value="WebLogic"></property> | | | |
| <pre><pre>cproperty name="eclipselink.session.customizer" value="com.ofss.digx.infra.das.orm.eclipselink.EclipseLinkSessionCustomizer"/></pre></pre> | | | |
| | | | |
| | | | |
| META-INF1\$ | | | |

Change logging level during runtime

To change OBDX application logging level at runtime (when OBDX application is up and running) do following steps.

To do this, ensure that the Admin Server is running. Login to the EM (Enterprise Manager) Console using the following URL:

http://<hostname>:<admin_port>/em

Note: EM console would be available on same hostname and port which was used for Weblogic Admin Console for OBDX domain (created via installer), just replace the "/console" with "/em".

| Sign in - Oracle Enterpris X | | * | - 0 | × |
|--|--|---|-----|------------|
| ← → C (③ Not secure mum00bzt:8001/em/faces/targetauth/em | $as Login? target = / Domain_OBDX_INS_TEST/OBDX_INS_TEST \& type = weblogic_domain \& From Context InitFilter = true and the second seco$ | | \$ | D : |
| | N TO CLE ENTERPRISE MANAGER ON MIDDLEWARE CONTROL 12c | | | |
| | | | | |
| | | | | |
| Domain | Domain_OBDX_INS_TEST | | | - 1 |
| * User Name | | | | - 1 |
| * Password | | | | - 1 |
| | Login to Partition | | | - 1 |
| | Sign in | | | - 1 |
| | | | | |
| | | | | - |

• Click on obdx-server

Note : Depending on installer.properties, Managed server will differ from above screenshot.

| ← → C () ofss310838:7001/em/ | /faces/as-weblogic-webLogicDomainHom | ?type=weblogic_domain⌖=/Domain_base | _domain/base_domain | | | | |
|--|--|--|---------------------|---------|----------|---------|--------|
| | lanager Fusion Middleware Control 12c | | | | | | |
| base_domain • | | | | | | | |
| Information Certain functionality on this page is | available only when you own the edit session | lock. To obtain the lock, click "Lock and Edit" in the | Change Center menu. | | | | |
| Servers | Administration Server | | | | | | |
| 2 Up | | Name AdminServer Host obdx: weblogic.docker Listen Port 7001 | | | | | |
| Clusters | Servers | | | | | | |
| 0 Clusters | View 👻 🖀 Create 💢 Delete | Control + ET | | | | | |
| Clusters | Name | | Status | Cluster | Machine | State | Health |
| Deployments | AdminServer(admin) | | <u>+</u> | | | Running | Failed |
| 5 Up | bbdi-serve | | Ť | | Machine1 | Running | Failed |
| Domain Partitions | | | | | | | |
| Resource Group Templates | | | | | | | |
| | | | | | | | |

• In Weblogic Domain menu click on Logs -> Logs Configurations

| 2/ | ACLE Enterprise M | lanager Fusion M | 9ddeware Control 12c | | | | | E WebLogic Domain | * weblogic * |
|-----|--|------------------|-------------------------------|--------------------------------|---|--------------------------|--|-------------------|------------------------|
| 1 | obdx-server o | | | | | | | 🎦 🐐 🔛 🔻 | Auto Refresh Off |
| | WebLogic Server 👻 🌗 | Start Up 📃 SI | hut Down | | | | | 34 | 4, 2017 9:26:27 AH UTC |
| Ifc | Home | | | | | | | | |
| 61 | Monitoring | , | en you own the edit seasion i | lock. To obtain the lock, clic | k "Lock and Edit" in the Change Center menu. | | | | |
| 11 | Diagnostics | | | | | Response and Load | | | |
| | Control | | | | 200 TO | 1.0 | | | |
| • | Logs | | View Log Messages | | Jul 3, 2017 12:07:13 PM | 0.8 | | | |
| | Deployments | | Log Configuration | Version | 12.2.1.0.0 | 0.4 | | | |
| | JDBC Data Sources | | | State | Running | 6.2 | | | |
| | Measoging | | | Health | ok 🖌 | 0.0 | | | 1.0 |
| | Web Services | | | Server Type | Administration Derver | | | | 0.6 |
| | Other Services | | | CPU Usage (%) | 2.37 | | | | 0.4 |
| | Administration System MBean Browser | | | Heap Usage (MB) | 956.56 | 09:13 AM 09: | 15 09:17 09:19 09:21 | 09:23 09:25 | 09:27 0.0 |
| | WebLogic Server Administra | tion Consola | | Java Vendor | Oracle Corporation | 09:13 AM 3ety 04 2017 | an antar antar | 0123 0123 | |
| ŀ | Target Sitemap | son Consult | | Java Version | | (4) | Request Processing Time (ms) 📓 Requests (per minute) | | 1.1 |
| | Target information | | | Jard Version | a an u _m tu a | | | | Table View |
| | and a manufacture | berviets and | JSPs | | | EJBs | | | |
| | | | | Active Sessions | 0 | | Beans in Use | 0 | |
| | | | Reg | uest Processing Time (ms) | 0 | | Bean Accesses (per minute) | 0.00 | |
| | | | | Requests (per minute) | 0.00 | | Bean Access Successes (%) | 0.00 | |
| | | | | | | | Bean Transaction Commits (per minute) | 0.00 | |
| | | Work Manage | er | | | | Bean Transaction Rollbacks (per minute) | 0.00 | |
| | | | | Requests (per minute) | 580.05 | | Bean Transaction Timeouts (per minute) | 0.00 | |
| | | | | Pending Requests | 1 | | Bean Transaction Commits (%) | | |
| | | JDBC and JT | TA Lisson | | | | | | |
| | | oped and J | or orange | | | JMS | | | |
| | | | | Open JDBC Connections | 0 | | JMS Servers | 1 | |
| | | | JDBC Conne | ection Creates (per minute) | 0.05 | | Pendina Messages | 0 | |

• Select the logger and change the logging level and then click on apply.

| Constraint Date: | | | | | | | |
|----------------------------|----------------------------------|--------------|----------------|---------------|---|--------------|----------------------------|
| | | | | Logger Name | Oracle Diagnostic Logging Level (Java Level) | Log File | Persistent Log Level State |
| | | | | A Root Logger | ERROR:1 (SEVERE) | ofss-handler | ERROR:1 |
| ▶ 000 | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| .⊿ 08 | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| ▶ 08.com.ofss | ERROR:1 (SEVERE) | ofss-handler | ERROR:1 | | | | |
| ExampleApplication:Encoder | ERROR:1 (SEVERE) [Inherited fi v | ofss-handler | | | | | |
| LifeCycle | ERROR:1 (SEVERE) [Inherited fi * | ofss-handler | | | | | |
| Security | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| ServiceLoader | ERROR:1 (SEVERE) [Inherited fi v | ofss-handler | | | | | |
| ▶ com | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| global | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| ▶ io | ERROR:1 (SEVERE) [Inherited fi v | ofss-handler | | | | | |
| ▶ javax | ERROR:1 (SEVERE) [Inherited fi 🔻 | ofss-handler | | | | | |
| ▶ jersey | ERROR:1 (SEVERE) [Inherited fi v | ofss-handler | | | | | |
| ▶ jmxfmw | ERROR:1 (SEVERE) [Inherited fi * | ofss-handler | | | | | |
| oracle | NOTIFICATION:1 (INFO) | ofss-handler | NOTIFICATION:1 | | | | |
| ▶ org | ERROR:1 (SEVERE) [Inherited fi V | ofss-handler | | | | | |

Note : Logger name should be defined in logging.xml.

Security Realms

Configure your own LDAP to use instead of the default embedded LDAP, which comes with Oracle Weblogic Server.

• To do this, ensure that the Admin Server is running. Login to the Weblogic Console for OBDX domain (created by Installer) using the following URL:

http://<hostname>:<admin_port>/console

• Now, go to Security Realms > myrealm > Providers

| Settings for myrealm - OI × | | ≜ – ∂ |
|---|--|--|
| ← → C () mum00bzt:9001/conso | le/console.portal?_nfpb=true&_pageLabel=RealmprovidersTabPage&handle=com | .bea.console.handles.SecurityMBeanHandle%28"Security%3AName%3Dmyrealm% 🛧 🖸 |
| DRACLE WebLogic Server Adr | inistration Console 12c | Ç |
| hange Center | 🏦 Home Log Out Preferences 🔤 Record Help | Welcome, weblogic Connected to: OBDX_INS_TE |
| iew changes and restarts | Home >Summary of Security Realms >myrealm >Providers | |
| ick the Lock & Edit button to modify, add or | Settings for myrealm | |
| elete items in this domain. | Configuration Users and Groups Roles and Policies Credential Mappings Providers M | gration |
| Release Configuration | Authentication Password Validation Authorization Adjudication Role Mapping Audit | ng Credential Mapping Certification Path |
| 1 ² Environment — Deployments 3 ² Senices — "Security Realms 2 ³ Interoperability 2 ³ Diagnostics | Customize this table Authentication Providers Click the Lock & Edit button in the Change Center to activate all the buttons on this page. New Delete Recorder | Showing 1 to 4 of 4 Previous Next |
| | Name Description | Version |
| I | OUD Provider that performs LDAP | |
| | · · · · · | |
| ow do I 🖂 | OAMIdentityAsserter Oracle Access Manager Ident | ty Asserter 1.0 |
| | OAMIdentityAsserter Oracle Access Manager Identi DefaultAuthenticator WebLogic Authentication Pro | ty Assetter 1.0 ider 1.0 |
| Configure authentication and identity assertion providers | OAMIdentityAsserter Oracle Access Manager Identity Defaulbluthenticator WebLogic Authenticaton Pro Defaulbluthenticator WebLogic Authenticaton Section Pro Defaulbluthenticator WebLogic LidentityAsserter | ty Assetter 1.0 ider 1.0 rowider 1.0 |
| Configure authentication and identity assertion providers Configure the Password Validation provider | OAMIdentityAsserter Oracle Access Manager Identi DefaultAuthenticator WebLogic Authentication Pro | ty Assetter 1.0 ider 1.0 |
| Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers | OAMIdentityAsserter Oracle Access Manager Identity Defaulbluthenticator WebLogic Authenticaton Pro Defaulbluthenticator WebLogic Authenticaton Section Pro Defaulbluthenticator WebLogic LidentityAsserter | ty Assetter 1.0 ider 1.0 rowider 1.0 |
| Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers Set the JAAS control flag | OAMIdentityAsserter Oracle Access Manager Identity Defaulbluthenticator WebLogic Authenticaton Pro Defaulbluthenticator WebLogic Authenticaton Section Pro Defaulbluthenticator WebLogic LidentityAsserter | ty Assetter 1.0 ider 1.0 rowider 1.0 |
| Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers Set the JAAS control flag Re-order authentication providers | OAMIdentityAsserter Oracle Access Manager Identity Defaulbluthenticator WebLogic Authenticaton Pro Defaulbluthenticator WebLogic Authenticaton Section Pro Defaulbluthenticator WebLogic LidentityAsserter | ty Assetter 1.0 ider 1.0 rowider 1.0 |
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| Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers Set the JAAS control flag Re-order authentication providers | OAMIdentityAsserter Oracle Access Manager Identity Defaulbluthenticator WebLogic Authenticaton Pro Defaulbluthenticator WebLogic Authenticaton Section Pro Defaulbluthenticator WebLogic LidentityAsserter | ty Assetter 1.0 ider 1.0 rowider 1.0 |

• Now click on "Lock & Edit" in order to edit the details.

| Settings for myrealm - OBDX1 \times + | | | | | | | | | | | | | | | - | Ø | > |
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| hange Center | A Home Log Out | Preferences 🔤 Re | cord Help | | Q | | | | | | | Welcon | ie, webk | ogic Conr | ected to | : OBDX: | 77 |
| ew changes and restarts | Home >Summary o | of Security Realms >my | realm > Providers | | | | | | | | | | | | | | |
| pending changes exist. Click the Release | Settings for myre | alm | | | | | | | | | | | | | | | |
| infiguration button to allow others to edit the main. | Configuration U | Isers and Groups R | oles and Policies | Credential Mapp | ings Provide | rs Migrati | on | | | | | | | | | | |
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| X 172 Domain Partitions Environment Deployments | Customize this | table | endedon provide | rs are designed to | access different | | | 5 01 DDH3. | | | | | | | | | |
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| DX172Domain PartitionsEnvironmentDeploymentsServicesSecurity RealmsInteroperability | Customize this Authentication New Delete Name | e table Providers Reorder enticator | | rs are designed to | Description | entication Pr | ovider | | | | | 5 | Ve | rsion | Previous | Next | |
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• Click on 'DefaultAuthenticator" provider and change the Control Flag to SUFFICIENT

| Authenticator8ook - 08DX172 × + 6 | × |
|--|------------|
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| ORACLE WebLogic Server Administration Console 12c | <u>o</u> ^ |
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| Domain Structure OB01172 Bit Departure Departu | |
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| 6 Control Flag: SUFFICIENT 🗹 Returns how the login sequence uses the Authentication provider. More Info | |
| Save | |
| How do L. | -1 |
| Configure authentication and identity assertion provides | |
| Configure the Password Validation provider | |
| Set the JAAS control flag Manage security to routless | |
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| System Status | ~ |

• Click on Save button to save the changes

| AuthenticatorBook - OBDX172 × + | | | | | | | | | | - | ٥ | × |
|---|---|--|---|-------------------|----------------|--------------|--------------|-------------|-----------|-----------|-------|----|
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| View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain. | Home >Summary of Security Realms >n Messages & Settings updated successfully. | nyrealm >Providers > DefaultAuthenticator | | | | | | | | | | |
| Lock & Edit | Settings for DefaultAuthenticator | | | | | | | | | | | 41 |
| Release Configuration | Configuration Performance Mi Common Provider Specific | gration | | | | | | | | | | - |
| Domain Structure | Save | | | | | | | | | | | 11 |
| CBDX172 | | about this WebLogic Authentication provider. | You can also use this page to set the JAA | S Control Flag to | control how | this provide | is used in | he login se | quence. | | | |
| Security Realms Interoperability | 👸 Name: | DefaultAuthenticator | | The name | of this WebL | ogic Authen | tication pro | vider. Mor | e Info | | | Ш |
| E-Diagnostics | 🛃 Description: | WebLogic Authentication Provider | | A short de | scription of t | he Authenti | ation provi | der. More | Info | | | |
| | 🛃 Version: | 1.0 | | The versio | n number of | the Authen | ication prov | ider. Mor | e Info | | | |
| | 👘 Control Flag: | SUFFICIENT V | | Returns h | ow the login : | equence us | es the Auth | entication | orovider. | More Info | · | |
| How do I 🗉 | Save | | | | | | | | | | | Ш |
| Configure authentication and identity assertion providers | | | | | | | | | | | | 4 |
| Configure the Password Validation provider | | | | | | | | | | | | |
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| System Status | | | | | | | | | | | | |

- Delete the Trust Service Identity Asserter
- Navigate Back to Security Realms > myrealm > Providers

| Settings for myrealm - OBDX1 $	imes$ + | - | | | | | | | | | | | | | | | - | ٥ |
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| ew changes and restarts | Home > | >Summary of | Security Realms >m | yrealm >Providers > | DefaultAuthenticato | or >Providers >my | ealm >Provid | ders >Summary of Secu | irity Realms >myr | alm > Pro | iders | | | | | | |
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| onfiguration button to allow others to edit the omain. | Configu | uration Use | ers and Groups | Roles and Policies | Credential Mapp | oings Provider | s Migratio | n | | | | | | | | | |
| Lock & Edit | Authe | ntication | Password Validat | ion Authorization | n Adjudication | Role Mapping | Auditing | Credential Mapping | Certification F | ath | | | | | | | |
| DX172 -Domain Partitions -Environment -Deployments | Custo | | erent types of Au | | | alidating a user. Yi | data stores, | such as LDAP servers | s or DBMS. | | | | | | | | |
| BDX172 B-Demain Partitions B-Environment Deployments B-Services Security Realms P-Interoperability | Custo | ity realm. Diff omize this t entication P | erent types of Au | | | | data stores, | such as LDAP servers | or DBMS. | | | | : | Showing 1 | to 2 of 2 | Previous | |
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| 3DX172 - Consin Partitions - Environment - Deployments - Services Security Realms - Interoperability | Custo | ity realm. Diff omize this t entication P | erent types of Au cable roviders | | | access different | | | or DBMS. | | | | : | - | rsion | Previous | |
| 3DX172 - Consin Partitions - Environment - Deployments - Services Security Realms - Interoperability | Custo | ity realm. Diff omize this t entication P / Delete Name | erent types of Au able roviders | | | Description | ntication Pro | ovider | or DBMS. | | | | | Ve | rsion | Previous | |
| IDX172 - Domain Partitions - Environment - Deployments - Services Security Realms - Interoperability | Custo | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | a or DBMS. | | | | | Ve 1.0 1.0 | rsion | | i Next |
| 20122 - Jonain Partitions - Environment - Depkyments - Services - Services - Security Rains - Interoperability - Dagnostics | Custo Autho New | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | a or DBMS. | | | | | Ve 1.0 1.0 | rsion | | i Next |
| IDX172 Domain Partitions Deciminant Partitions Deciminants Decimin | Custo Autho New | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | or DBMS. | | | | | Ve 1.0 1.0 | rsion | | i Next |
| DN 122 - Densin The totions - Environment - Deployments - Services - Security Reams - Interoperability - Dragnostics - Oungroups - Oungroup | Custo Autho New | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | or DBMS. | | | | | Ve 1.0 1.0 | rsion | | I Next |
| 200172 E-brain Partitions E-brain content - Deployments - Services - Services - Services - Interoperability - Diagnostics - Ordigure authentication and identity assertion providers - Configure taithentication provider - Manage accurity providers | Custo Autho New | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | or DBMS. | | | | | Ve 1.0 1.0 | rsion | | I Next |
| b): Services | Custo Autho New | ity realm. Diff omize this t entication P Delete Name DefaultAuthe DefaultIdenti | erent types of Au table roviders Reorder nticator tyAsserter | | | Description WebLogic Author | ntication Pro | ovider | or DBMS. | | | | | Ve 1.0 1.0 | rsion | | i Next |

- Now, click on New and enter the below details and click Save.
 - Name : OUDAuthenticator

Type : IPlanetAuthenticator

| Create a New Authentication \times + | | ٥ | × |
|--|--|----------|-----|
| (i mum00aqk:7001/console/cons | nsole.portal?_nfpb=true&_pageLabel=SecurityProvidersCreateAtn C Q. Search 🔂 🖨 4 🥐 💌 🖸 💌 👱 | 灘 | ≡ |
| 🗯 Table 🌄 Form 🔜 Image 😰 Structure @ | 🥜 Link 🏢 Color Contrast 긢 Linearise 📧 Options 😮 Off | | |
| | Administration Console 12c | Ç | 2 ^ |
| Change Center | 🟦 Home Log Out Preferences 🖾 Record Help | p: OBDX1 | 72 |
| View changes and restarts | Home >Summary of Security Realms >myrealm >Providers >DefaultAuthenticator >Providers >myrealm >Providers >Summary of Security Realms >myrealm >Providers | | |
| No pending changes exist. Click the Release Configuration button to allow others to edit the domain. | Create a New Authentication Provider OK Cancel | | 1 |
| Lock & Edit Release Configuration Domain Structure | Create a new Authentication Provider The following properties will be used to identify your new Authentication Provider. * Indicates required fields | | |
| OBDX172 B-Domain Partitions B-Environment -Deployments B-Services | The name of the authenticaton provider. * Name: OUDAuthenticator | | |
| Security Realms ⊕-interopeability ಱ-Diagnostics | This is the type of authentication provider you with to greate. Yype: PflanetAuthenticator K. Cancel | | |
| How do I | | | 1 |
| Manage security providers | | | 11 |
| Configure authentication and identity assertion providers | | | |
| System Status | | | |
| Health of Running Servers as of 1:12 PM | 4 | | ~ |

• Click on OK Button.

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| Change Center | Home Log Ou | ut Preferences 🖂 | Record Help | | Q | | | | | | v | Velcome | , weblo | ogic Conne | ected to: | OBDX17 |
| View changes and restarts | Home >Summary | of Security Realms >n | vyrealm >Providers >D | DefaultAuthenticato | or >Providers >myr | ealm >Provie | lers >Summary of Sec | urity Realms >my | realm >Pro | /iders | | | | | | |
| Pending changes exist. They must be activated | Settings for my | realm | | | | | | | | | | | | | | |
| to take effect. | Configuration | Users and Groups | Roles and Policies | Credential Mapp | oings Provider | s Migrati | n | | | | | | | | | |
| Activate Changes | Authentication | n Password Valida | ion Authorization | Adjudication | Role Mapping | Auditing | Credential Mapping | Certification | Path | | | | | | | |
| Security Realms ⊕-Interoperability ⊕-Diagnostics | New Dele | te Reorder | | De | scription | | | | | | | Sh | - | to 3 of 3 | Previous | Next |
| | | | | | | | | | | | | | × | ersion/ | | |
| | DefaultAu | thenticator | | We | bLogic Authentica | tion Provide | | | | | | | | /ersion | | |
| | Defaultide | | | | bLogic Authentica bLogic Identity As | | | | | | | | 1 | | | |
| | | entityAsserter | | We | | sertion prov | ider | | | | | | 1 | .0 | | |
| How do I 🖃 | DefaultIde | entityAsserter enticator | | We | bLogic Identity As | sertion prov | ider | | | | | Sh | 1 | .0 | Previous | Next |
| | Defaultide | entityAsserter enticator | | We | bLogic Identity As | sertion prov | ider | | | | | Sh | 1 | .0 .0 .0 | Previous | Next |
| Configure authentication and identity assertion providers Configure the Password Validation provider | Defaultide | entityAsserter enticator | | We | bLogic Identity As | sertion prov | ider | | | | | Sh | 1 | .0 .0 .0 | Previous | Next |
| Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers | Defaultide | entityAsserter enticator | | We | bLogic Identity As | sertion prov | ider | | | | | Sh | 1 | .0 .0 .0 | Previous | Next |
| Configure authentication and identity | Defaultide | entityAsserter enticator | | We | bLogic Identity As | sertion prov | ider | | | | | Sh | 1 | .0 .0 .0 | Previous | Next |

Now Click on OUDAuthenticator and select Control Flag as "SUFFICIENT"

| AuthenticatorBook - OBDX172 × + | | | | | | | | | | | | | | - | ٥ | × |
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| Change Center | la Home Log Out Preferences | Necord Help | | ٩ | | | | | | | Welco | me, webl | ogic Co | nnected t | o: OBDX: | 172 |
| View changes and restarts | Home >myrealm >Providers >Defa | ultAuthenticator >Pro | oviders >myrealm | n >Providers >Sumr | mary of Security Re | salms >myrealm >Provid | iders >OUDAu | thenticato | e . | | | | | | | |
| Pending changes exist. They must be activated to take effect. | Settings for OUDAuthenticato | , | | | | | | | | | | | | | | |
| Activate Changes | Configuration Performance | | | | | | | | | | | | | | | |
| | Common Provider Specific | | | | | | | | | | | | | | | |
| Undo All Changes | Save | | | | | | | | | | | | | | | |
| Domain Structure | | | | | | | | | | | | | | | | - |
| DBDX172 | This page displays basic informa | tion about this iPlan | et Authentication | n provider. You ca | n also use this pa | ge to set the JAAS Co | ontrol Flag to o | control hov | v this prov | ider is use | ed in the l | login seque | nce. | | | |
| Deployments B Services | 🐠 Name: | OUDAuthen | ticator | | | | The nam | e of this iP | lanet Aut | nentication | n provide | r. More I | nfo | | | |
| -Security Realms | n Description: | Provider that | it performs LDAP | ^o authentication | | | A short of | description | of this iPl | anet Auth | entication | n provider | More I | nfo | | |
| Diagnostics | 🕂 Version: | 1.0 | | | | | The vers | sion numbe | er of this if | Nanet Aut | henticatio | on provide | . More | Info | | |
| | 📳 Control Flag: | SUFFICIE | NT V | | | | Specifies Info | s how this i | Planet Au | thenticatio | on provid | er fits into | the login | sequence | . More | |
| How do I | Save | | | | | | | | | | | | | | | |
| Configure authentication and identity assertion providers | | | | | | | | | | | | | | | | _ |
| Set the JAAS control flag | | | | | | | | | | | | | | | | |
| Configure the Password Validation provider | | | | | | | | | | | | | | | | |
| Manage security providers | | | | | | | | | | | | | | | | |
| System Status | | | | | | | | | | | | | | | | |
| 11-14-50 | | | | | | | | | | | | | | | | |

• Click on Save Button.

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| Change Center | Home Log Out Pr | references 📐 Re | ecord Help | | ٩ | | | | | | | | v | Velcom | ie, weblo | gic Conn | ected to | OBDX1 | 72 |
| View changes and restarts Pending changes exist. They must be activated to take effect. | Home >myrealm >Pro Messages & Settings updated | | henticator >Provi | ders >myreal | lm >Providers > | >Summary of | f Security Realm | ns >myrealm >F | Providers >0 | UDAuthent | icator | | | | | | | | |
| Activate Changes | Settings for OUDAut | thenticator | | | | | | | | | | | | | | | | | а. |
| Undo All Changes | Configuration Pe | erformance | | | | | | | | | | | | | | | | | Ш |
| Domain Structure | Common Provide | er Specific | | | | | | | | | | | | | | | | | |
| OBDX172 | Save | | | | | | | | | | | | | | | | | | . |
| Deployments E-Services Security Realms | This page displays b | oasic information ab | bout this iPlanet | Authenticati | tion provider. Y | 'ou can also | use this page t | to set the JAA | AS Control Fl | ag to contro | ol how this | provider is | used i | n the lo | gin sequer | nce. | | | |
| E - Interoperability | 街 Name: | | OUDAuthentic | ator | | | | | Th | e name of | this iPlanet | Authentic | ation p | rovider. | More In | ifo | | | |
| | E Description: | | Provider that p | performs LD/ | AP authenticati | tion | | | A | short descri | iption of th | is iPlanet / | Authen | tication | provider. | More Inf | o | | |
| | 👩 Version: | | 1.0 | | | | | | Th | e version n | umber of t | his iPlanet | Auther | tication | provider. | More In | fo | | ш |
| How do I | 👸 Control Flag: | | SUFFICIEN | Т | | | | | | ecifies how | this iPlane | t Authenti | cation (| orovider | fits into t | the login se | quence. | More | |
| Configure authentication and identity assertion providers | Save | | | | | | | | | | | | | | | | | | |
| Set the JAAS control flag | | | | | | | | | | | | | | | | | | | -1 |
| Configure the Password Validation provider Manage security providers | | | | | | | | | | | | | | | | | | | |
| System Status | | | | | | | | | | | | | | | | | | | |

• Now under Provider Specific tab set the details of LDAP where the server should point. Refer to the following table for more information:

| Property | Value |
|----------|---|
| Host | This is the LDAP Server (OUD) Hostname |
| Port | This is the LDAP Server (OUD) Port. E.g. 1389 |

| Principal | This is the Administrator Account name. E.g. cn=orcladmin |
|--------------------|--|
| Credential | This is the Administrator Account password. |
| Confirm Credential | Confirm the Administrator Account password. |
| UserBase DN | This is the OUD user search base For e.g.: cn=Users, dc=in,dc=oracle,dc=com |
| GroupBase DN | This is the OUD group search base For e.g.: cn=Groups, dc=in,dc=oracle,dc=com |

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| Activate Changes Undo All Changes | Configuration Performance Common Provider Specific Save | | |
| Domain Structure | | | |
| OBDX172 Domain Partitions Environment | Use this page to define the provider specific configure | ation for this iPlanet Authentication provider. | |
| Deployments | - Connection | | |
| Security Realms Thereperability | Host: | num00aon.in.oracle.com | The host name or IP address of the LDAP server. More Info |
| Diagnostics | Port: | 1389 | The port number on which the LDAP server is listening. More Info |
| | Principal: | cn=orcladmin | The Distinguished Name (DN) of the LDAP user that WebLogic Server should use to connect to the LDAP server. More Info |
| How do I | Credential: | ••••• | The credential (usually a password) used to connect to the LDAP server. More Info |
| Configure authentication and identity assertion providers | Confirm Credential: | ••••• | |
| Manage security providers System Status | SSLEnabled | | Specifies whether the SSL protocol should be used when connecting to the LDAP server. More Info |
| Health of Running Servers as of 1:16 PM | - Users | | |
| Failed (0) Critical (0) | User Base DN: | dc=in,dc=oracle,dc=com | The base distinguished name (DN) of the tree in the LDAP directory that contains users. More Info |
| Overloaded (0) Warning (0) | 🥼 All Users Filter: | | If the attribute (user object dass) is not specified (that is, if the attribute is null or empty), a default search filter is created based on the user schema. More Info |
| OK (2) | 4 User From Name Filter: | (&(uid=%u)(objectclass= | If the attribute (user name attribute and user object class) is not specified (that is, if the attribute is null or empty), a default search filter is created based on the user |

| AuthenticatorBook - OBDX172 \times + | | | - 0 |
|--|--|-------------------------|---|
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| 🖩 Table 🍢 Form 🔜 Image 🔟 Structure 🔗 | 🛿 Link 🏢 Color Contrast 🎎 Linearise 🔝 Options 🔇 Off | | should search for users. More prio |
| | 👸 User Name Attribute: | uid | The attribute of an LDAP user object that specifies the name of the user. More Info |
| | 🖺 User Object Class: | person | The LDAP object class that stores users. More Info |
| | Use Retrieved User Name as Principal | | Specifies whether or not the user name retrieved from the LDAP server should be used as the Principal in the Subject. More Info |
| | — Groups Group Base DII: | dc=in,dc=oracle,dc=com | The base distinguished name (DN) of the tree in the LDAP directory that contains groups. More Info |
| | 🏀 All Groups Filter: | | An LDAP search filter for finding all groups beneath the base group distinguished name (DN). If the attribute is not specified (that is, if the attribute is null or empty), a default search filter is created based on the Group schema. More Info |
| | 🏀 Group From Name Filter: | (1(&(cn=%g)(objectclas: | An LDAP search filter for finding a group given the name of the group. If the attribute is not specified (that is, if the attribute is null or empty), a default search filter is created based on the group schema. More Info |
| | Group Search Scope: | subtree 🗸 | Specifies how deep in the LDAP directory tree to search for groups. Valid values are subtree andonelevel. More Info |
| | Group Membership Searching: | unlimited 🖌 | Specifies whether group searches into nested groups are unlimited, limited or off. Valid values are unlimited,limited and off. More Info |
| | Max Group Membership Search Level: | 0 | Specifies how many levels of group membership can be searched. This setting is valid only if GroupMembershipSearching is set tolmited. Valid values are 0 and positive inlegens. For example, 0 induciate only dracter group memberships will be found, and a positive number indicates the number of levels to search. More Info |
| | Ignore Duplicate Membership | | Determines whether duplicate members are ignored when adding groups. The attribute cycles in the Group membership. More Info |
| | - Static Groups | | |

Note: If the provider in use is for OpenLdap select the checkbox against "Use Retrieved User Name as Principal"

- Click on Save to update the changes.
- Navigate Back to Security Realms > myrealm > Providers

| Settings for myrealm - OBDX1 \times + | | | | | | | | | | | | | | | - | ٥ | × |
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| Change Center | Home Log O | ut Preferences 🛃 | Record Help | | Q | | | | | | | Welcon | ne, webl | logic Co | onnected t | o: OBDX | 172 |
| View changes and restarts | Home >Providen | s >myrealm >Providers | »Summary of Secur | ity Realms >myreal | m >Providers >OL | IDAuthenticat | tor >Summary of Securi | ity Realms >myrea | lm > Provi c | ders | | | | | | | |
| Pending changes exist. They must be activated | Settings for my | realm | | | | | | | | | | | | | | | |
| to take effect. | Configuration | Users and Groups | Roles and Policies | Credential Map | pings Provide | rs Migrat | ion | | | | | | | | | | |
| Activate Changes Undo All Changes | Authenticatio | n Password Valida | ion Authorization | Adjudication | Role Mapping | Auditing | Credential Mapping | Certification P | ath | | | | | | | | |
| ⊕ Services ⇒ Security Realms ⊕ Interoperability ⊕ Diagnostics | Authentication | | | D | escription | | | | | | | 1 | - | 1 to 3 of 3 Version | | ıs Next | |
| | DefaultAu | uthenticator | | W | ebLogic Authentic | ation Provide | r | | | | | | | 1.0 | | | |
| | DefaultId | entityAsserter | | W | ebLogic Identity A | ssertion pro | vider | | | | | | | 1.0 | | | |
| | OUDAuth | enticator | | Pn | ovider that perfor | ms LDAP aut | hentication | | | | | | : | 1.0 | | | |
| How do I | New Dele | Reorder | | | | | | | | | | | Showing 1 | 1 to 3 of 3 | 3 Previou | ıs Next | |
| Configure authentication and identity assertion providers | | | | | | | | | | | | | | | | | 1 |
| Configure the Password Validation provider | | | | | | | | | | | | | | | | | |
| Manage security providers Set the JAAS control flag | | | | | | | | | | | | | | | | | |
| Re-order authentication providers | | | | | | | | | | | | | | | | | |
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| Evetom Etatue | | | | | | | | | | | | | | | | | - |

• Now, click on New and enter the below details and click Save.

Name : OAMIdentityAsserter

Type : OAMIdentityAsserter

| Create a New Authentication \times + | | | | | | | | | | | | - | ٥ | × |
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| | dministration Console 12c | | | | | | | | | | | | Č | ^ |
| Change Center | Home Log Out Preference | ces 🚵 Record Help | ٩ | | | | | w | elcom | e, weblo | ogic Conne | cted to: | OBDX1 | 72 |
| View changes and restarts | | Providers >Summary of Security Realms | >myrealm >Providers | >OUDAuthenticator >Summary of | f Security Realms >myn | alm >Provid | lers | | | | | | | |
| Pending changes exist. They must be activated to take effect. Undo Al Changes Undo Al Changes Domain Structure 060X172 Grown Por Bions Grown Por B | * Indicates required fields The name of the authenticati * Name: | ation Provider be used to identify your new Authenti | cation Provider. | | | | | | | | | | | |
| How do I | | | | | | | | | | | | | | 1 |
| Manage security providers | | | | | | | | | | | | | | |
| Configure authentication and identity assertion providers | | | | | | | | | | | | | | |
| System Status | | | | | | | | | | | | | | |
| Health of Running Servers as of 1:23 PM | | | | | | | | | | | | | | |
| Failed (0) | | | | | | | | | | | | | | |

• Click on OK Button.

| Settings for myrealm - OBDX1 \times + | | | | | | | | | | | | | | - | - 0 | 3 |
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| Change Center | 🙆 Home Log Out | Preferences 🔤 R | ecord Help | | Q | | | | | | | Welcom | ie, weblo | gic Conne | cted to: O | DBDX1 |
| View changes and restarts | Home >Providers > | myrealm >Providers : | Summary of Securi | ity Realms >myrealn | n >Providers >OUD | Authenticato | r >Summary of Securi | ty Realms >myreali | n >Provid | ers | | | | | | |
| Pending changes exist. They must be activated | Settings for myre | alm | | | | | | | | | | | | | | |
| to take effect. | Configuration U: | sers and Groups | Roles and Policies | Credential Mapp | ings Providers | Migratio | n | | | | | | | | | |
| Activate Changes | Authentication | Password Validati | on Authorization | n Adjudication | Role Mapping | Auditing | Credential Mapping | Certification Pa | th | | | | | | | |
| Doman Partitions Environment Deployments Services Security Realms | Customize this | | | | access different d | | | | | | | | | | | |
| B-Domain Partitions B-Environment -Deployments B-Services -Security Realms -Interoperability | | Providers | | - | scription | | | | | | | s | - | to 4 of 4 P | revious I | Next |
| 8-Services | Authentication I New Delete | Providers Reorder | | De | scription | | | | | | | S | v | | revious I | Next |
| Domain Partitions Environment Deployments Services Security Realms Interoperability | Authentication I New Delete | Providers Reorder | · | De | | ion Provider | | | | | | s | V 1 | ersion | revious I | Next |
| Domain Partitions Environment Deployments Services Security Realms Interoperability | Authentication | Providers Reorder enticator bityAsserter | | De Wei | scription bLogic Authenticat | ion Provider | Ider | | | | | S | 1 | ersion | revious I | Next |
| Domain Partitions Environment Deployments Services Security Realms Interoperability | Authentication I New Delete | Providers Reorder enticator tityAsserter ticator | | De Wei Pro | scription bLogic Authenticat bLogic Identity Ass | ion Provider vertion provi | der entication | | | | | S | 1 1 1 | ersion .0 | revious I | Next |
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• Click on Reorder Button.

| Reorder Authentication Provid \times + | | | | | | | | | - | - 0 | × |
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| | dministration Console 12c | | | | | | | | | | <u>o</u> ^ |
| Change Center | 😭 Home Log Out Preferences 🔤 R | ecord Help | Q | | | | Welco | me, weblo | gic Conne | cted to: OBI | X172 |
| View changes and restarts | Home >Providers >myrealm >Providers | Summary of Security Realms >myrea | alm >Providers >OUE | Authenticator >Summary of Security R | tealms >myrealm >Providers | | | | | | |
| Pending changes exist. They must be activated to take effect. | Reorder Authentication Providers OK Cancel | | | | | | | | | | |
| Undo All Changes | Reorder Authentication Provide | \$ | | | | | | | | | |
| | You can reorder your Authentication F | roviders using the list below. By re | eordering Authentica | tion Providers, you can alter the aut | nentication sequence. | | | | | | |
| Domain Structure GB01122 (#)-Onan Partitions (*)-Oregoyments (*)-Services (*)-Services (*)-Services (*)-Services (*)-Services (*)-Interoperability (*)-Diagnostics | Select authenticator(s) n the last and u Authentication Providers: Available: DefaultifactinttyAsserter OUDAuthenticator OAHIdentityAsserter | e arrows to move them up and dov 조 조 포 포 | wn in the list. | | | | | | | | |
| How do I • Re-order authentication providers | OK Cancel | | | | | | | | | | |
| Set the JAAS control flag | | | | | | | | | | | - 1 |
| System Status | | | | | | | | | | | |
| Health of Running Servers as of 1:24 PM | | | | | | | | | | | |
| Failed (0) | | | | | | | | | | | • 4 |

• Reorder the providers so that LDAP Provider (OUDAuthenticator) gets highest priority followed by OAMIdentityAsserter, DefaultAuthenticator, DefaultIdentityAsserter.

| Reorder Authentication Provid \times + | | | | | | | | | | | - | ٥ | × |
|---|--|----------------------|--------------------------------|--------------------------------|---------------------|---------------|-----|-----|--------|----------|---------|------------|----------|
| (il mum00aqk:7001/console/cons | sole.portal?SecurityProvidersAtnRe | orderPortletretur | nTo=Realmauth C | Q. Search | | ☆自 | + 1 | n 🛷 | ÷ | - 6 | - 1 | ۰ | ≡ |
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| Change Center | 🏠 Home Log Out Preferences 🔤 F | Record Help | ٩ | | | | | We | lcome, | weblogic | Connect | ed to: OBD | (172 |
| View changes and restarts | Home >Providers >myrealm >Providers | >Summary of Security | Realms >myrealm >Providers >C | UDAuthenticator >Summary of Se | ecurity Realms >my | realm >Provid | ers | | | | | | |
| Pending changes exist. They must be activated to take effect. | Reorder Authentication Providers | | | | | | | | | | | | |
| Activate Changes | OK Cancel | | | | | | | | | | | | |
| Undo All Changes | Reorder Authentication Provide | | theless Durseedering Authority | ention Dravidare, van enter t | the suthernitestics | | | | | | | | |
| Domain Structure OBDN172 (#)-Consin Partitions (#)-EnvironmentOsphyments (#)-Security Realms (#)-Interoperability (#)-Interoperability (#)-Dagnostics (#)-Dagno | Select authenticator (s) in the last and u Carl Authentication Providers: Available: OUDAuthenticator OAHIdentityAsserter DefaultIdentityAsserter | | | | | | | | | | | | |
| How do L • Re-order authentication providers • Set the JAAS control flag | OK Cancel | | | | | | | | | | | | - |
| System Status 😑 | | | | | | | | | | | | | |
| Health of Running Servers as of 1:24 PM | | | | | | | | | | | | | |
| Failed (0) | | | | | | | | | | | | | |

• Click on OK Button.

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| hange Center | Home L | g Out I | Preferences 🔤 | Record Help | | Q | | | | | | | Welco | ome, we | logic C | onnected t | o: OBDX |
| ew changes and restarts | Home >Pro | /iders >n | iyrealm >Provider | >Summary of Secur | ty Realms >myreal | m >Providers >OU | DAuthenticate | or >Summary of Secur | ity Realms >myr | realm >Pr | oviders | | | | | | |
| nding changes exist. They must be activated | Settings for | myrea | lm | | | | | | | | | | | | | | |
| take effect. | Configuration | n Us | ers and Groups | Roles and Policies | Credential Map | oings Provide | rs Migrati | on | | | | | | | | | |
| Activate Changes | Authentic | ation | Password Valida | tion Authorization | Adjudication | Role Mapping | Auditing | Credential Mapping | Certification | n Path | | | | | | | |
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| XX 172 Domain Partitions Environment Deployments Services Security Realms Interoperability | Security re | alm. Diff te this t tation P Delete | erent types of Ar able roviders Reorder | | rs are designed to | o access different | data stores, ns LDAP auti | such as LDAP server | | ecurity re | alm, and y | iou can co | onfigure | | 1 to 4 of Version | 4 Previou | |
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• Click on Activate Changes to apply the changes.

| Settings for myrealm - OBDX1 \times + | | | | | | | | | | | | | | | |
|---|---|---|--|--|---|--|--|--------------------|------------|-------------|-----------|------------|--|-------------|----------|
| Imum00aqk:7001/console/con | nsole.portal?_nfpb= | true&_pageLab | el=Realmauthen | ticatorTabPage | C | Q. Searc | h | 1 | ۱È | + 4 | - | # - | S | - 🧕 | * |
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| ange Center | Home Log Ou | it Preferences 🔤 | Record Help | | ۹ | | | | | | Welc | ome, wet | logic | onnected | p: OBD |
| ew changes and restarts | | >myrealm >Provider | s >Summary of Securi | ty Realms >myrealm | >Providers >OUD | Authenticato | r >Summary of Secur | ity Realms >myreal | n >Provid | ers | | | | | |
| ck the Lock & Edit button to modify, add or dete items in this domain. | Messages | ave been activated. | However 2 items mu | ist be restarted for | the changes to ta | ske effect. | | | | | | | | | |
| Lock & Edit | Settings for my | ealm | | | | | | | | | | | | | |
| Release Configuration | Configuration | Users and Groups | Roles and Policies | Credential Mappi | ings Providers | Migratio | n | | | | | | | | |
| | Authopticatio | Password Valida | tion Authorization | Adjudication | Role Mapping | Auditing | Credential Mapping | Certification P | th | | | | | | |
| BDX172 Domain Partitions Environment Deployments | An Authenticati security realm. | on provider allows W Different types of Au | /ebLogic Server to es uthentication provide | tablish trust by val | lidating a user. Yo | u must have | one Authentication | provider in a secu | ity realm, | and you car | configure | multiple A | uthentica | tion provid | ers in a |
| BDX 172 - Domain Partitions 3- Environment - Deployments 3- Services Security Realms 3- Interoperability | An Authenticati | on provider allows W Different types of Au is table | /ebLogic Server to es | tablish trust by val | lidating a user. Yo | u must have | one Authentication | provider in a secu | ity realm, | and you car | configure | multiple A | uthentica | tion provid | ers in a |
| E-Services | An Authenticati security realm. | on provider allows W Different types of AL is table n Providers | /ebLogic Server to es | tablish trust by val | idating a user. You access different d | u must have | one Authentication | provider in a secu | ity realm, | and you car | configure | multiple A | uthentica | tion provid | ers in a |
| BDX 172 - Domain Partitions 3- Environment - Deployments 3- Services Security Realms 3- Interoperability | An Authenticati security realm. | on provider allows W Different types of Au is table n Providers & <i>Edit</i> button in the O | /ebLogic Server to es uthentication provide | tablish trust by val | idating a user. You access different d | u must have | one Authentication | provider in a secu | ity realm, | and you car | configure | | | tion provid | |
| DX 172 -Domain Partitions -Environment -Deployments -Services -Services -Security Realms -Interoperability | An Authenticati security realm. | on provider allows W Different types of Au is table n Providers & <i>Edit</i> button in the O | /ebLogic Server to es uthentication provide | tablish trust by val rs are designed to tivate all the buttor | idating a user. You access different d | u must have | one Authentication | provider in a secu | ity realm, | and you car | configure | | | 4 Previo | |
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| DX 172 Domain Pattions Environment Deployments Services Security Realing Interoperability Diagnostics w do L. Configure authentication and identity | An Authenticati security realm. Customize th Authenticatio Cick the Lock I New Dele Name OUDAuthy | on provider allows W Different types of A: is table n Providers & Editbutton in the C Reorder | /ebLogic Server to es uthentication provide | tablish trust by val rs are designed to tivate all the buttor prov | idating a user. You access different of ns on this page. | u must have lata stores, | one Authentication | provider in a secu | ity realm, | and you car | configure | | 1 to 4 of Version | 4 Previo | |
| DX 172 Density Participants | An Authenticati eccrity realm. Customize th Authenticatio Click the Lock I New Dele Name OUDAuthe OAMIdent | on provider allows W Different types of A: is table n Providers & Editbutton in the C Reorder | /ebLogic Server to es uthentication provide | tablish trust by val rs are designed to tivate all the button prov Orac | Idating a user. You access different of ns on this page. scription //der that performs | u must have lata stores, s LDAP auth r Identity A | one Authentication | provider in a secu | ity realm, | and you car | configure | | 1 to 4 of Version 1.0 | 4 Previo | |
| DX 172 Donan P attions Environment Deployments Services Security Idealins Intergraphability Deproses w do 1 Configure the Password Valdation provider | An Authenticati security realm. Customize th Authenticatio Click the Lock i New Defe Name OUPAuth OdANIdent | on provider allows W Different types of Au is table in Providers B <i>Edit</i> button in the C ite Reorder inticator ityAsserter | /ebLogic Server to es uthentication provide | tablish trust by val rs are designed to tivate all the buttor tivate all the buttor Prov Oran | Idating a user. You access different of ns on this page. scription /der that perform de Access Manage | u must have lata stores, s LDAP auth r Identity A ion Provider | one Authentication such as LDAP server entication sserter | provider in a secu | ity realm, | and you car | configure | | 1 to 4 of Version 1.0 1.0 | 4 Previo | |
| BOX122 I Company Persitions I Environment — Deployments I Services - Services - Services - Interoperability I: Chagnostics | An Authenticati security realm. Customize th Authenticatio Click the Lock i New Defe Name OUPAuth OdANIdent | on provider allows W Different types of Ac is table a Providers a Edit button in the C te Reorder inticator thenticator thenticator intityAsserter | /ebLogic Server to es uthentication provide | tablish trust by val rs are designed to tivate all the buttor tivate all the buttor Prov Oran | idating a user. You access different of ns on this page. scription rider that perform cle Access Manage Jugic Authenticat | u must have lata stores, s LDAP auth r Identity A ion Provider | one Authentication such as LDAP server entication sserter | provider in a secu | ity realm, | and you car | configure | Showing | 1 to 4 of Version 1.0 1.0 1.0 1.0 | 4 Previo | us Nex |

- Now Shutdown the admin server.
- Now, again start the Admin Server using the command,

<OBDX_domain>/bin/startWeblogic.sh

Verification

Post Admin Server restart, login into Admin Console and browse to Security Realms > myrealm > Users and Groups.

Under Users tab additional LDAP users would be populated and additional LDAP groups can be seen under Groups tab.

| 🗅 Settings for myrealm - 🔿 🗙 | | | | o > |
|--|---------------------------|---|---|---|
| \leftrightarrow \rightarrow C (i) mum00bzt:9001/cons | ole/cons | sole.portal?_nfpb=true&_pageLabel=RealmUserManagementTabPage&ha | dle=com.bea.console.handles.SecurityMBeanHand | dle%28"Security%3AName%3Drr 🛧 🚺 |
| ORACLE WebLogic Server Ad | Iministrati | on Console 12c | | Q |
| Change Center | 🙆 н | tome Log Out Preferences 🗠 Record Help | w | Velcome, weblogic Connected to: OBDX_INS_TEST |
| view changes and restarts | Hom | e >Summary of Security Realms >myrealm >Providers >Users and Groups | | |
| lick the Lock & Edit button to modify, add or | Settin | igs for myrealm | | |
| delete items in this domain. | Conf | iguration Users and Groups Roles and Policies Credential Mappings Providers | Migration | |
| Release Configuration | Use | rs Groups | | |
| Domain Structure DBOX_IIIS_TEST D=Domain Partitions D=Domain Partitions D=Domain Partitions D=Dedowments D=Services D=Services D=Services D=Dedowments D=Dedowmen | Sor vier Cu: Use | s page displays information about each user that has been configured in this security realm. ne results are not displayed because there are too many matches. Please customize this table with or managing to users through the WebLogic console. stomize this table rs (Filtered - Hore Columns Exist) with or the columns Exist) | | Showing 1 to 10 of 1000 Previous Next |
| | | Name 🗞 | Description | Provider |
| | | 000800 | | OUD |
| | | 000801 | | OUD |
| ow do I 🖂 | | 1207payday1@o.com | | OUD |
| ow do 1 | | 1207payday2@o.com | | OUD |
| Manage users and groups | | 1207payday3@o.com | | OUD |
| Create users | | 1207savings1@o.com | | OUD |
| Modify users | | 12jun.d1@ora.com | | OUD |
| Delete users | | 12jun.d2@ora.com | | OUD |
| vstem Status | | 12jun.d3@ora.com | | OUD |
| | | 171040 | | OUD |
| lealth of Running Servers as of 3:34 PM | Ne | ew. Delete | | Showing 1 to 10 of 1000 Previous Next |
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| 🗋 Settings for myrealm - 🗆 🗙 | | | | | | ± _ | 0 |
|--|-----------|--------------------------------|--|--|---------------------------------------|-------------------------|--------------|
| \leftrightarrow \rightarrow C $\textcircled{0}$ mum00bzt:9001/cons | sole/co | nsole.portal?_nfpb=true | &_pageLabel=RealmUserManagementG | roupTabPage&handle=com.bea.co | onsole.handles.SecurityMBeanHandle%28 | "Security%3AName | e 🕁 🖸 |
| ORACLE WebLogic Server Ad | Iministra | ation Console 12c | | | | | Õ |
| Change Center | e | Home Log Out Preferences | Record Help | | Welcome, weble | ogic Connected to: OB | DX_INS_TEST |
| View changes and restarts | Ho | ome >Summary of Security Realn | ns >myrealm >Providers >Users and Groups | | | | |
| Click the Lock & Edit button to modify, add or | Sett | tings for myrealm | | | | | |
| delete items in this domain. | Co | nfiguration Users and Gro | Roles and Policies Credential Mappings | Providers Migration | | | |
| Release Configuration | U | sers Groups | | | | | |
| Domain Structure | | | | | | | |
| OBDX_INS_TEST Domain Partitions Environment Deployments | N | | about each group that has been configured in this s der named OAMIdentityAsserter does not support vi | | WebLogic console. | | |
| -Services | 6 | roups | | | | | |
| Security Realms | | New Delete | | | Show | wing 1 to 10 of 22 Prev | vious Next |
| ⊕-Diagnostics | | 🗆 Name 🗇 | Description | | | Provider | |
| | (| AdminChannelUsers | AdminChannelUsers can access the a | dmin channel. | | DefaultAuthenticator | |
| | | AdminChecker | | | | OUD | |
| | | Administrator | | | | OUD | |
| How do I | | Administrators | | | | OUD | |
| Manage users and groups | 1 | Administrators | Administrators can view and modify a | Il resource attributes and start and stop se | rvers. | DefaultAuthenticator | |
| Manage users and groups Create groups | | AdminMaker | | | | OUD | |
| Modify groups | 0 | AppTesters | AppTesters group. | | | DefaultAuthenticator | |
| Delete groups | | AuthAdmin | | | | OUD | |
| | | Checker | | | | OUD | |
| System Status 😑 | | CorporateAdminChecker | | | | OUD | |
| Health of Running Servers as of 3:55 PM | | New Delete | | | Show | wing 1 to 10 of 22 Prev | rious Next |
| Failed (0) Critical (0) | | | | | | | |

OBDX with UBS (Installation with Universal Banking Solution)

If during installer execution OBDX with UBS (Installation with Universal Banking Solution) is selected, then below steps needs to be done manually.

Foreign Server

Login into Weblogic Admin console (OBDX domain created using installer) and Browse to Summary
of JMS Modules > UBSSystemModule (as shown below)

| umm | nary of JMS Modules | | | |
|-------|---|---|---|-----------------------------|
| unn | ary of shis houses | | | |
| con | S system resources are configured and stored as modules similar to standard Java EE mod figure and manage JMS system modules as global system resources. s page summarizes the JMS system modules that have been created for this domain. | ules. Such resources include queues, topics, connection factories, templates, destination keys, q | uota, distributed queues, distributed topic | s, foreign servers, and JMS |
| Cu | stomize this table | | | |
| JMS | 5 Modules | | | |
| Click | k the Lock & Edit button in the Change Center to activate all the buttons on this page. | | | |
| Ne | ew Delete | | | |
| | Name 🏟 | Туре | Scope | Domain Partitions |
| | AsyncFailureLogJMS | JMSSystemResource | Global | |
| | AuditJMS | JMSSystemResource | Global | |
| | FileUploadJMS | JMSSystemResource | Global | |
| | ReportsJMSModule | JMSSystemResource | Global | |
| | | 1966 June 1 | Global | |
| | UBSSystemModule | JMSSystemResource | Global | |

| Home >Summary | of JMS Modules >UB | SSystemMod | ule >Summar | ry of JMS Mo | dules >UBSSystemModule >Summary of JMS Modules >UB | 3SSystemModu | le | | | |
|------------------------------|---------------------|--------------|----------------|---------------|--|------------------|---|-------------------|---|---|
| | SystemModule | | | | | | | | | |
| onfiguration | Subdeployments | Targets | Security | Notes | | | | | | |
| 'his naga disal | tur annoral informa | tion shout : | - MC custor | n modulo a | id its resources. It also allows you to configure new re | nonverse and a | core evicting recoveree | | | |
| rnis page dispi | ays general informa | | a ono syster | ii iliooole a | to its resources. It also allows you to compare new re | esources and a | ccess existing resources. | | | |
| ame: | | | | | UBSSystemModule | | | | The name of this JMS system module. | More Info |
| ope: | | | | | Global | | | | Specifies if the JMS system module is | accessible within the domain |
| scriptor File | Name: | | | | jms/ubssystemmodule-jms.xml | | | | The name of the JMS module descript | or file. More Info |
| This page sum | narizes the IMS res | ources that | have been o | created for I | his JMS system module, including queue and topic de: | stinations, conr | nection factories. IMS templates, destinati | on sort keys, des | tination quota, distributed destinations, f | foreign servers, and store-ar |
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| 🔲 Name 🏟 | | | | | Туре | | JNDI Name | | Subdeployment | |
| UBSForeig | InServer | | | | Foreign Server | | N/A | | UBSSubdeployment | |
| New Delet | ð | | | | | | | | | |
| onfiguratio | | | Notes | | | | | | | |
| General I | Destinations (| Connectio | n Factorie | ts . | | | | | | |
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| A foreign se foreign serv | | a JNDI pr | rovider tha | at resides | outside a WebLogic Server. It contains infor | mation that | allows WebLogic Server to reach t | the remote JN | DI provider. This way, a number | of connection factory a |
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| NDI Initial | Context Facto | ory: | | | weblogic.jndi.WLInitialCon | nte: | | | | The name of the the vendor that a |
| 🛱 JNDI Co | nnection URL: | | | | t3://10.184.135.59:7860/ | | | | | The URL that We |
| 2 | | | | | 13.//10.104.135.35.1000/ | | | | | being used. For Info |
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| Change Center | home Log Out Preferences 🖂 Record Help | ٩ | Welcor |
| View changes and restarts | Home >Summary of 3MS Modules >UBSSystemModule >Summary of 3M | 45 Modules > UBSSystemModule > Summary of 3MS Modules > UBSSystemModule > UBSForeignServer | |
| Click the Lock & Edit button to modify, add or delete items in this domain. | Settings for UBSForeignServer | | |
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| OBDX_INS_TEST | Save | | |
| Coman Partoons Comment Deployments Services Services | A foreign server represents a JNDI provider that resides outside foreign server. | a WebLogic Server. It contains information that allows WebLogic Server to reach the remote JNDI provider. This way, a number | of connection factory and destination objects (queues or topics) can be defined on one $\ensuremath{\mathbb{NC}}$ |
| Interoperability Diagnostics | 🕂 Name: | UBSForeignServer | The name of this foreign server. More Info |
| | JNDI Initial Context Factory: | weblogic indi WLInitialConte: | The name of the class that must be instantiated to access the JNDI provider. This clatthe vendor that are being used. More Info |
| | d INDI Connection URL: | (13//10.184.135.59.7860/ | The URL that WebLogic Server will use to contact the JNDI provider. The syntax of th being used. For WebLogic JMS, leave this field blank if you are referencing WebLogic Info |
| How do I Create foreign connection factories Create foreign destinations | JNDI Properties Credential: | | Any Credentials that must be set for the 3ND1 provider. These Credentials will be part the constructor for the 3ND1 provider's InitialContext class. Note: For secure credenti the Properties field results in the credential being stored and displayed as originally e |
| System Status | Confirm JNDI Properties Credential: | | |
| Pyseem saturas Health of Fauncing Servers as of 3:12 PM Pailed (3): Contrast (6): Overstanded (0) Warming (0) OK (1) | JHDI Properties: java.naming.security.principal=infra | | Any additional properties that must be set for the JND2 provider. These properties wi JND1 provider's initialContext class. Here Info |
| | 🗌 륝 Default Targeting Enabled | | Specifies whether this JHS resource defaults to the parent module's targeting or user mechanism. More Info |
| | Save | | |
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| View changes and restarts | Home >Summary of JMS Modules >UBSSystemModule >Summary of JM | 5 Nodules >UBSSystemNodule >Summary of JMS Modules >UBSSystemNodule >UBSForeignServer | |
| No pending changes exist. Click the Release Configuration button to allow others to edit the | Settings for UBSForeignServer | | |
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| OBDX_INS_TEST D-Domain Partitions D-Environment | A foreign server represents a JND1 provider that resides outside a foreign server. | WebLogic Server. It contains information that allows WebLogic Server to reach the remote 3HDI provider. This way, a number of | connection factory and destination objects (queues or topics) can be defined on one 2NDE directory. I |
| Deployments Services | 🚯 Name: | UBSForeignServer | The name of this foreign server. Hore Info |
| | JNDI Initial Context Factory: | weblogic jndi.WLInitialConte: | The name of the class that must be instantiated to access the JNDI provider. This class name dep the vendor that are being used. Here $Info$ |
| | 授 JNDI Connection URL: | 13.//10.184.135.59.7860/ | The URL that WebLogic Server will use to contact the JHDI provider. The syntax of this URL depen being used. For WebLogic JHS, leave this field blank if you are referencing WebLogic JHS objects Info |
| How do I | JNDI Properties Credential: | | Any Credentials that must be set for the JNDI provider. These Credentials will be part of the prope the constructor for the JNDI provider's InitialContent class. Note: For secure credential manageme the Properties field results in the credential being stored and displayed as originally entered Mon |
| Create foreign connection factories Create foreign destinations | Confirm JNDI Properties Credential: | | |
| System Status Health of Running Servers as of 3:13 PM Failed (0) Critical (0) Critical (0) | JNDI Properties: jeve.neming.security.principal=infre | | Any dddiood y reporter that must be set for the JRCI provider. These preperties will be passed ($\rm JRCI previder's initialContext class. Here Infs$ |
| Overloaded (0) Warning (0) OK (1) | 🛛 👩 Default Targeting Enabled | | Specifies whether this 3MS resource defaults to the parent module's targeting or uses the subdepi mechanism. More Info |
| | 34/6 | | |

Set below configurations with:

JNDI Connection URL – UBS HOST Weblogic t3 URL for Managed server (where NOTIFY_DEST_QUEUE and NOTIFY_DEST_QUEUE_FCDB are mapped)

JNDI Properties Credential - Password for username set in JNDI properties

Confirm JNDI Properties Credential - Confirm password for username set in JNDI properties

JNDI Properties – Value to be set as "java.naming.security.principal=<username>", where username is the login user of UBS Weblogic Admin Console (user which created the primary local queues for UBS).

Click on Save

| Settings for UBSForeignServer | | | |
|--|---|---|--|
| Configuration Subdeployment Notes | | | |
| General Destinations Connection Factories | | | |
| Save | | | |
| A foreign server represents a JNDI provider that resides outside foreign server. | a WebLogic Server. It contains information that allows WebLogic Server to rea | ch the remote JNDI provider. This way, a number of connection f | actory and destination objects (queues or topics) can be defined on one \ensuremath{JNC} |
| 優 Name: | UBSForeignServer | The name | e of this foreign server. More Info |
| JNDI Initial Context Factory: | weblogic.jndi.WLInitialConte: | The nam the vend | e of the class that must be instantiated to access the JNDI provider. This cla or that are being used. More Info |
| 授 JNDI Connection URL: | 13://10.184.135.59:7860/ | The URL being use Info | that WebLogic Server will use to contact the JNDI provider. The syntax of th ed. For WebLogic JMS, leave this field blank if you are referencing WebLogic |
| JNDI Properties Credential: | | Any Cred the const the Prope | entials that must be set for the JNDI provider. These Credentials will be part ructor for the JNDI provider's InitialContext class. Note: For secure credenti- rtites field results in the credential being stored and displayed as originally e |
| Confirm JNDI Properties Credential: | | | |
| JNDI Properties: java.naming.security.principal=infra | | Any add NOI pro | ional properties that must be set for the JNDI provider. These properties wil order's InitialContext class. Hore Info |
| def Default Targeting Enabled | | Specifies mechanis | whether this JMS resource defaults to the parent module's targeting or uses m. More Info |
| essages Settings updated successfully, titlings for UBSForeignServer Configuration Subdeployment Notes General Destinations Connection Factories | | | |
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| | side a WebLogic Server. It contains information that allows WebLogic S | over to reach the remote JNDI provider. This way, a number | of connection factory and destination objects (queues or topics) can be |
| f Name: | UBSForeignServer | | The name of this foreign server. More Info |
| INDI Initial Context Factory: | weblogic.jndi.WLInitialConte: | | The name of the class that must be instantiated to access the JND the vendor that are being used. More Info |
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| 🗍 🏀 Default Targeting Enabled | | | Specifies whether this JMS resource defaults to the parent module mechanism. More Info |
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• Click on Activate Changes

| Settings for UBSForeign S | | | |
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| ← → C ③ Not secure mum00b | zt:8001/console/console.portal?_nfpb=true&_pageLabe | =ForeignJMSServerconfigGeneralTabPage&handle=com.bea.console.handles.JMXHandle%28"cor | n.bea%3AName%3DUBSForeignServer%2CType%3Dweblogic.j2ee.descriptor. |
| | ninistration Console 12c | | |
| Change Center | 🙆 Home Lag Out Preferences 🖂 Record Help | Q. | Welcom |
| View changes and restarts Pending changes exist. They must be activated to take affect # Activate Changes Undo All Changes | Home >Summary of 2MS Modules >UBSSystemModule >Summary of 2M Hessages | Mohles sUBSystemholde süurnary of 245 Mohles sUBSystemHolde sUBSystemPode sUBSreagGener sConfiguration sUCTPL_ | AUL_CC0 > 085ForeignServer |
| | Configuration Subdeployment Notes | | |
| Domain Structure OBDX_INS_TEST | General Destinations Connection Factories | | |
| Domain Partitions Environment | Save | | |
| Deployments Services Security Realms Differences | A foreign server represents a JNDI provider that resides outside a foreign server. | WebLogic Server. It contains information that allows WebLogic Server to reach the remote JHDI provider. This way, a nun | ber of connection factory and destination objects (queues or topics) can be defined on one JNDI |
| Diagnostics | de Name: | UBSForeignServer | The name of this foreign server. More Info |
| | JNDI Initial Context Factory: | weblogic indi.WLInitialConte: | The name of the class that must be instantiated to access the JNDI provider. This class the vendor that are being used. More Info |
| How do L. | d JNDI Connection URL: | 13.//10.184.135.59:7860/ | The URL that WebLogic Server will use to contact the JNDI provider. The syntax of this being used. For WebLogic JNS, leave this field blank if you are referencing WebLogic JI Info |
| Create foreign connection factories Create foreign destinations | JNDI Properties Credential: | | Any Credentials that must be set for the JNDI provider. These Credentials will be part of the constructor for the JNDI provider's InitialContext class. Note: For secure credential the Properties field results in the credential being stored and displayed as originally ent |
| System Status | Confirm JNDI Properties Credential: | | |
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| Settings for UBSForeign S 🗙 | |
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| ← → C ① Not secure mum00b | vzt:8001/console/console.portal?_nfpb=true&_pageLabel=ForeignJMSServerconfigGeneralTabPage&handle=com.bea.console.handles.JMXHandle("com.bea:Name |
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| Change Center | 😭 Home Log Out Preferences 🗁 Record Help |
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| 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 | Settings for UBSForeignServer |
| Release Configuration | Configuration Subdeployment Notes |
| Domain Structure | General Destinations Connection Factories |
| OBDX_INS_TEST | TEST Centers and Description of Contection if actions Test Click the Lock & Edit button in the Change Center to modify the settings on this page. ment Save Realms A foreign server represents a JHDI provider that resides outside a WebLogic Server. It contains information that allows WebLogic Server to reach the remote JHDI provider. This way, a number of to foreign server. |
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| Services | |
| Security Realms Interoperability Diagnostics | A foreign server represents a JNDI provider that resides outside a WebLogic Server. It contains information that allows WebLogic Server to reach the remote JNDI provider. This way, a number of co foreign server. |
| | de Name: UBSForeignServer |
| | JNDI Initial Context Factory: weblogic:jndi.WLInitialConte: |
| How do I | d€ JNDI Connection URL: 13://10.184.135.59.7860/ |
| Create foreign connection factories | |
| Create foreign destinations | JNDI Properties Credential: |
| System Status | |
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| Critical (0) Overloaded (0) | java.neming.security.principal=infra |
| Warning (0) | |
| OK (1) | |
| | |
| | 🗌 🚜 Default Targeting Enabled |
| | Save |

Deployment of notification MDB application

Before deployment of obdx.externalsystem.ubs.notification.mdb.ear application, kindly perform below steps:

 Open the obdx.externalsystem.ubs.notification.mdb.ear (EAR file is available OBDX_Installer/installables/app/components/obdx/deploy obdx.externalsystem.ubs.notification.mdb.ear) using any archiving tools (i.e.: 7-zip)

| C:\Users\Documents\New folder\obdx.externalsystem.ubs.notification | n.mdb.ear\ | | | | | | | - 0 | × |
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| APP-INF | 3 783 283 | 3 350 626 | 2017-05-19 11:57 | | | D drwxr-xr-x | - | | |
| META-INF | 1 660 | 862 | 2017-07-21 11:29 | | | D drwxr-xr-x | - | | |
| locom.ofss.extsystem.ubs.notification.jar | 481 333 | 398 219 | 2017-07-21 11:29 | | | -rw-rr | - | | |
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| | | | | | | Wait while accessing | server Sto | p | |

• Double click on com.ofss.extsystem.ubs.notification.jar

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| com | 1 193 325 | 381 587 | 2017-07-21 11:27 | | | D drwxr-xr-x | - | | |
| META-INF | 4 543 | 1 808 | 2017-07-21 11:27 | | | D drwxr-xr-x | - | | |
| ////wsconfig.properties | 1 420 | 288 | 2017-07-21 11:27 | | | -rw-rr | - | | |
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• Open the wsconfig.properties to edit

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| AlertProcessorService.service:AlertProcessorService | | |
| AlertProcessorService.namespace:http://host.service.alerts.appx.digx.ofss.com/ | | |
| AlertProcessorService.url:http://mum00aom.in.oracle.com:9015/obdx/AlertProcessorService?wsdl | | |
| AlertProcessorService.stubClass.com.ofss.digx.appx.alerts.service.host.AlertProcessorService | | |
| AlertProcessorService.endpointName:AlertProcessorPort | | |
| AlertProcessorService.stubService.com.ofss.diax.appx.alerts.service.host.AlertProcessorService | | |
| AlertProcessorService.proxyClassName.com.ofss.digx.appx.alerts.service.host.HostAlertProcessor | | |
| AlertProcessorService timeOut 1200000 | | |
| FileProcessedNotifProcessorService service FileProcessedNotifProcessorService | | |
| FileProcessedNotifProcessorService.namespace:http://host.service.fileupload.appx.digx.ofss.com/ | | |
| FileProcessedNotifProcessorService.url:http://mum00aom.in.oracle.com/9015/obdx/FileProcessedNotifProcessorService?wsdl | | |
| FileProcessedNotifProcessorService.stubClass.com.ofss.digx.apps.fileupload.service.host.FileProcessedNotifProcessorService | | |
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• Change the URL for AlertProcessorService.url and FileProcessedNotifProcessorService.url (Note the hostname and port should be of OBDX managed server created by installer)



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| Ele Edit Figmat View Help | | |
| AlertProcessorService.service:AlertProcessorService | | |
| AlertProcessorService.namespace:http://host.service.alerts.appx.digx.ofss.com/ | | |
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| AlertProcessorService.stubClass.com.ofss.digx.appx.alerts.service.host.AlertProcessorService | | |
| AlertProcessorService.endpointName.AlertProcessorPort | | |
| AlertProcessorService.stubService.com.ofss.digx.appx.alerts.service.host.AlertProcessorService | | |
| AlertProcessorService.proxyClassName.com.ofss.digx.appx.alerts.service.host.HostAlertProcessor | | |
| AlertProcessorService.timeOut:1200000 | | |
| FileProcessedNotifProcessorService.service:FileProcessedNotifProcessorService | | |
| FileProcessedNotifProcessorService.namespace:http://host.service.fileupload.appx.digx.ofss.com/ | | |
| FileProcessedNotifProcessorService.url:http://mum00aom.in.oracle.com:9015/obdx/FileProcessedNotifProcessorService?wsdl | | |
| FileProcessedNotifProcessorService.stubClass.com.ofss.digx.appx.fileupload.service.host.FileProcessedNotifProcessorService | | |
| FileProcessedNotifProcessorService.endpointName:FileProcessedNotificationProcessorPort | | |
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| FileProcessedNotifProcessorService.timeOut;1200000 | | |
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- Save changes.
- Click OK.

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| com | | | 1 193 325 | 381 587 | 2017-07-21 11:27 | | | D drwxr-xr-x | - | | |
| META-INF | | | 4 543 | 1 808 | 2017-07-21 11:27 | | | D drwxr-xr-x | - | | |
| wsconfig.properties | s | | 1 420 | 288 | 2017-07-21 11:27 | | | -rw-rr | - | | |

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| | 1 421 | 288 | 2017-07-25 21:06 | 2017-07-25 21:03 | 2017-07-25 21:03 | А | - | | |

| 7-Zip | | × |
|-------|--|---|
| ? | File 'com.ofss.extsystem.ubs.notification.jar' was modified. Do you want to update it in the archive? | |
| | OK Cancel | |

| Edit View Favorites Iools Help Edit View Favorites Iools Help Extract Test Copy Move Delete Info | | | | | | | | | |
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| Extract Test Copy Move Delete Info | | | | | | | | | |
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Deploy the updated obdx.externalsystem.ubs.notification.mdb.ear using below steps.

 Login into Weblogic Admin Console (OBDX domain created using installer) and navigate to Deployments

| - → C © mum00bzt:8001/con | sole/cons | ole.portal?_nfpb=true&_pageLabel=Ar | ppDeploymentsControlPage | | | | | | | | | ☆ 🖸 | | |
|--|---|--|--|-------------------------------------|--------------------|------------------|------------------------|---------------|--------|-------------------|--------------------|---------------|--|--|
| | dministratir | on Console 12c | | | | | | | | | | | | |
| hange Center | <u>а</u> н | ome Log Out Preferences 🛃 Record Help | 9 | | | | | | | Welcome, weblo | pic Connected to: | OBDX_INS_ | | |
| fiew changes and restarts | Horn | a >Summary of JMS Modules >UBSSystemModule >S | ummary of JMS Modules >UBSSystemModule >UBSForeignServer >Configuration >NOTIF | Y_DEST_QUEUE_FCD8 >UBSForeignServer | r >Summ | ary of Servers : | Summary of Deployments | | | | | | | |
| lick the Lock & Edit button to modify, add or | Summ | ary of Deployments | | | | | | | | | | | | |
| Lock & Edit | Conf | iguration Control Monitoring | | | | | | | | | | | | |
| Release Configuration | The | This page dapless the list of Jans IE applications and standards explication modules installed to this domain. | | | | | | | | | | | | |
| | You can update (indeplay) or delite installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. | | | | | | | | | | | | | |
| ··· Resource Group Templates | To instal a new application or module for deployment to targets in this domain, click Testall. | | | | | | | | | | | | | |
| Machines Witual Hosts | | | | | | | | | | | | | | |
| Virtual Targets | D Cu | stomize this table | | | | | | | | | | | | |
| ··· Concurrent Templates | Dep | loyments | | | | | | | | | | | | |
| | In | ital Update Delete | | Showl | ng 1 to 10 of 69 P | revious Nex | | | | | | | | |
| Deployments | | Neme 🙃 | | Sta | tate | Health | Туре | Targets | Scope | Domain Partitions | Deployment On | der | | |
| Security Realms | Stocker The car worker lynder Stocker The stock and stocker Stocker The stock and stocker Stocker The stocker Stocker < | adf.oracle.businesseditor(1.0,12.2.1.1.0) | | Act | tive | | Library | AdminServer | Global | | 100 | | | |
| Image: section | | | | | | | | | | | | | | |
| iow do I | | adf.oracle.domain.webapp(1.0,12.2.1.1.0) | | Act | tive | | Library | AdminServer | Global | | 100 | | | |
| Install an enterprise application | 8 | E COAUDINOBEAR | | Ne | ew | | Enterprise Application | InstallerTest | Global | | 100 | | | |
| | | BatchResourceAdapter | | Net | evi | | Enterprise Application | InstallerTest | Global | | 100 | | | |
| Monitor the modules of an enterprise | 8 | Scoherence-transaction-rar | | Act | tive | 🗸 ок | Resource Adapter | AdminServer | Global | | 100 | | | |
| | | E Com.ofss.digx.app.connector | | Ne | ew | | Enterprise Application | InstallerTest | Global | | 100 | | | |
| Deploy EIB modules | 0 | Com.ofss.digx.appx.service.rest | | Net | ew | | Enterprise Application | InstallerTest | Global | | 100 | | | |
| Deploy EIB modules | | Com.ofss.digx.appx.service.soap | | Ne | ew | | Enterprise Application | InstallerTest | Global | | 100 | | | |
| Deploy EIB modules Install a Web application | | | | Art | tive | 🗸 ок | Web Application | AdminServer | Global | | 5 | | | |
| Deploy E18 modules Install a Web application estem Status B ealth of Running Servers as of 3:42 PM | | DMS Application (12.2.1.1.0) | | | | | | | | | | | | |
| Deploy E30 modules Instal a Web application stem Status 88 leakh of Running Servers as of 3:42 PM Paled (0) | | | | ~ | | | | | | Showi | ng 1 to 10 of 69 P | revious Nex | | |
| Deploy E28 modules Install a Web application status Status B fealth of Running Servers as of 3:42 PM Pailed (0) Ortical (10) Ortical (10) | | | | ~ | | | | | | Showi | ng 1 to 10 of 69 P | revious Nev | | |

Click Lock & Edit

| Summary of Deployment X | | | | | | | | | | | | A | 0 |
|---|----------|---------|---|---|---|----------------|------------------|------------------------|---------------|--------|-------------------|-------------------|-----------------|
| ← → C ③ mum00bzt:8001/consc | le/cor | nsole | .portal?_nfpb=true&_pageLabel=AppDeploymer | tsControlPage | | | | | | | | | ☆ 🖬 |
| ORACLE WebLogic Server Adm | inistral | tion (| Console 12c | | | | | | | | | | 9 |
| Change Center | ۲ | Hom | e Log Out Preferences 🔝 Record Help | Q | | | | | | | Welcome, weblo | gic Connected to: | OBDX_INS_T |
| View changes and restarts | Ho | me >3 | iummary of 3HS Hodules >UBSSystemHodule >Summary of 3HS Mo | dules >UBSSystemModule >UBSForeignServer >Configurati | an >NOTIFY_DEST_QUEUE_FCD8 >UBSForeign5 | erver >Summ | ary of Servers : | Summary of Deployments | | | | | |
| Click the Lock & Edit button to modify, add or | Sum | imaŋ | of Deployments | | | | | | | | | | |
| delete items in this domain. Lock & Edit | Cor | nfigu | ration Control Monitoring | | | | | | | | | | |
| Release Configuration | п | his pa | ge displays the list of Java EE applications and standalone app | lication modules installed to this domain. | | | | | | | | | |
| Domain Structure | Ye | ou ca | n update (redeploy) or delete installed applications and module | s from the domain by selecting the checkbox next to t | he application name and then using the cont | rols on this ; | page. | | | | | | |
| Resource Groups | T | o Inst | all a new application or module for deployment to targets in th | is domain, click Install. | | | | | | | | | |
| Machines | | | | | | | | | | | | | |
| ····Virtual Hosts ····Virtual Tarpets | PO | iusto | mize this table | | | | | | | | | | |
| ····Work Managers | | mlow | ments | | | | | | | | | | |
| Concurrent Templates | | | Update Delete | | | | | | | | - | ng 1 to 10 of 69 | |
| Startup and Shutdown Classes | | nstan | Upcase Devee | | | | | | | | Show | ng 1 to 10 of 69 | Previous Next |
| Deployments Services | | | iame 🙃 | | | State | Health | Туре | Targets | Scope | Domain Partitions | Deployment O | rder |
| Security Realms | 6 | 8 | edf.oracle.businesseditor(1.0,12.2.1.1.0) | | | Active | | Library | AdminServer | Global | | 100 | |
| Diagnostics ··· | E | 1 | adf.oracle.domain(1.0, 12.2.1.1.0) | | | Active | | Library | AdminServer | Global | | 100 | |
| How do I | E | 1 | adf.oracle.domain.webapp(1.0,12.2.1.1.0) | | | Active | | Library | AdminServer | Global | | 100 | |
| Install an enterprise application | E | 8 | AudentaseAR | | | New | | Enterprise Application | InstallerTest | Global | | 100 | |
| Configure an enterprise application Update (redeploy) an enterprise application | 6 | | BatchResourceAdapter | | | New | | Enterprise Application | InstallerTest | Global | | 100 | |
| Monitor the modules of an enterprise application | 6 | 8 | coherence-transaction-rar | | | Active | 💙 ОК | Resource Adapter | AdminServer | Global | | 100 | |
| Deploy E38 modules | E | 8 | 5 🕞 com.afss.digx.app.connector | | | New | | Enterprise Application | InstallerTest | Global | | 100 | |
| Install a Web application | 6 | 0 | B 🕞 com.ofss.digx.apgx.service.rest | | | New | | Enterprise Application | InstallerTest | Global | | 100 | |
| System Status | 6 | | Com.ofss.digx.appx.service.soap | | | New | | Enterprise Application | InstallerTest | Global | | 100 | |
| Health of Running Servers as of 3:42 PH | E | 8 | E BDHS Application (12.2.1.1.0) | | | Active | 🕈 ок | Web Application | AdminServer | Global | | s | |
| Failed (0) Critical (0) Overloaded (0) Waves (0) | | install | Update Delete | | | | | | | | Show | ng 1 to 10 of 69 | Previous Next |

Click on Install

| Bummary of Deployment X | | | | | | | | | | | |
|--|--|----------------|------------------|------------------------|-------------|--|--|--|--|--|--|
| \leftrightarrow \rightarrow C $@$ mum00bzt:8001/conse | e/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage | | | | | | | | | | |
| | inistration Console 12c | | | | | | | | | | |
| Change Center | 🟦 Home Log Out Preferences 🔤 Record Help | | | | | | | | | | |
| View changes and restarts | Home > Summary of JMS Modules > UBSSystemModule > Summary of JMS Modules > UBSSystemModule > UBSForeignServer > Configuration > NOTIFY_DEST_QUEUE_FCD8 > UBSForeignServer > Configuration > CONFig | erver >Summ | ary of Servers 3 | Summary of Deployments | | | | | | | |
| No pending changes exist. Click the Release Configuration button to allow others to edit the | Summary of Deployments | | | | | | | | | | |
| domain. | etheres to each the Configuration Central Monitoring | | | | | | | | | | |
| Lock & Edit Release Configuration Domain Structure -Resource Groups -Resource Group Templates -World Hards -Windu Targes -World Hards -World Hangers -Concurrent Templates -Resource Resource Management | This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or defere installed applications and modules from the domain by selecting the checkbox next to the application name and then using the cont To install a new application or module for deployment to targets in this domain, click Install . Costomize this table Deployments Lipstant Lipstant Defense | rols on this p | page. | | | | | | | | |
| Startup and Shutdown Classes | 🗌 Name 🔅 | State | Health | Туре | Targets | | | | | | |
| Services Security Realms | adf.oracle.businesseditor(1.0,12.2.1.1.0) | Active | | Library | AdminServer | | | | | | |
| B-Interoperability | adf.oracle.domain(1.0,12.2.1.1.0) | Active | | Library | AdminServer | | | | | | |
| B-Diagnostics - | | | | | | | | | | | |

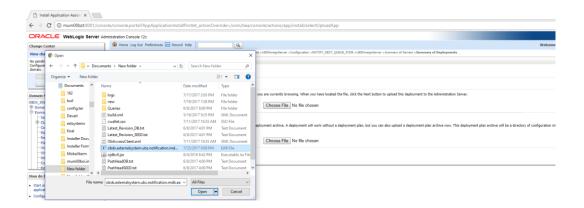
• Click on Upload your file(s)

| Install Application Assist: X | | | |
|--|---|--|-------------|
| ← → C ① mum00bzt:8001/consc | ole/console.portal?_nfpb=true&_pageLabel=A | AppApplicationInstallPage | |
| | ministration Console 12c | | |
| Change Center | 🏫 Home Log Out Preferences 🔛 Record Help | Q. | Welcome, we |
| View changes and restarts | Home >Summary of JMS Modules >UBSSystemModule >S | Summary of JMS Modules > UBSSystemModule > UBSForeignServer > Configuration > NOTIFY_DEST_QUEUE_FCDB > UBSForeignServer > Summary of Servers > Summary of Deployments | |
| No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration | Install Application Assistant IBielt INext. Finish Cancel Locate deployment to install and prepare for a solicities of the solicities Solicit the solicities Solicit the solicities | deplayment | |
| Domain Structure OBDX_INS_TEST ^ | | occurrectory, increase the publication of the standing of application model assumption in you want to a man the case point of the point of the application of the standing of the other standing of th | |
| Domain Partitions Environment | Path: | /home/devops/domain/OBDX_INS_TEST | |
| Servers | Recently Used Paths: | (none) | |
| B ¹ -Colleries Colleries Coller | Correct Location: | munttitut / kome / donian / OBOC_BIG_TEST | |

• Click on Choose File

| Install Application Assista | |
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| \leftrightarrow \rightarrow C $\textcircled{0}$ mum00bzt:8001/cons | ole/console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/selectUploadApp |
| | ministration Console 12c |
| Change Center | 🏦 Home Log Out Preferences 🖂 Record Help |
| View changes and restarts | Home >Summary of JMS Modules >UBSSystemModule >Summary of JMS Modules >UBSSystemModule >UBSSystemModule >UBSSystemModule >Summary of Deployments |
| No pending changes exist. Click the Release | Install Application Assistant |
| Configuration button to allow others to edit the domain. | Back Ned Finish Cancel |
| Release Configuration | Upload a deployment to the Administration Server |
| Domain Structure | Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server. |
| OBDX_INS_TEST | Deployment Archive: Choose File No file chosen |
| Contention Service Service Columns Columns | Upload a deployment plan (bits step is optional) A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work without a deployment plan, but you can also upload a deployment plan archive now. This deployment plan archive will include a deployment plan archive now. This deployment plan archive will include a deployment plan archive now. This deployment plan archive will include a deployment plan archive now. This deployment plan archive will be deployment plan archive now. This deployment plan archive will include a deployment plan archive now. This deployment plan archive will be deployment plan archive now. This deployment plan archive will be deployment plan archive and the deployment plan archive archive and the deployment plan archive archive and the deployment plan archive a |

• Navigate to customized obdx.externalsystem.ubs.notification.mdb.ear and click Open



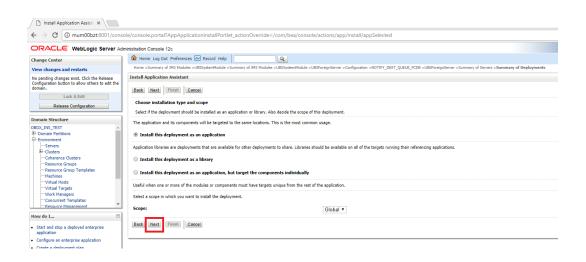
Click Next



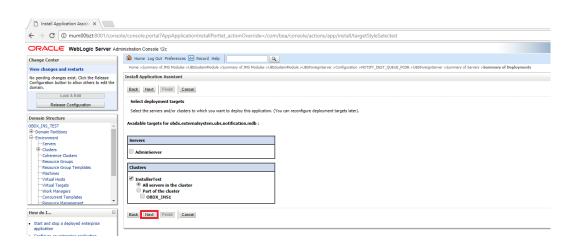
Click Next

| Install Application Assist X | | | | £ | - | σ | | | |
|--|--|---|-------------------|----------|-----------|--------|--|--|--|
| ← → C ③ mum00bzt8001/cons | ole/console.portal?AppApplicationInstallPort | et_actionOverride=/com/bea/console/actions/app/install/uploadApp | | | ş | 2 0 | | | |
| ORACLE WebLogic Server Ad | Iministration Console 12c | | | | | | | | |
| Change Center | 🎓 Home Log Dut Preferences 🔛 Record Help | 9 | Welcome, weblogic | Connecte | d to: OBI | DX_INS | | | |
| View changes and restarts | | -Sumopry of INS Modules -UBSSystemModule -UBSS-prospriserver -Configuration -MOTIFY_DEST_QUEUE_FCDE -UBSS-prospriserver -Summary of Servers -Summary of Deployments | | | | | | | |
| No pending changes exist. Click the Release Configuration buttom to allow others to edit the domain. | Hessages The file obdx.extensioystem.ubs.notification.m | db.ear has been uploaded successfully to /home/devops/domain/OBOX_INS_TEST/servers/AdminServer/upload | | | | | | | |
| Lock & Edit | Install Application Assistant | | | | | | | | |
| Release Configuration | Eack Next Finish Cancel | | | | | | | | |
| Domain Structure | Locate deployment to install and prepare for | deployment | | | | | | | |
| 080X_INS_TEST - | Select the file path that represents the application | not directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application directory or file in the Path field. | | | | | | | |
| B-Environment | Note: Drily valid file paths are displayed below. If you cannot find your deployment files, Uplaad your file(s) and/or confirm that your application contains the required deployment descriptors. | | | | | | | | |
| Servers R-Clusters | Path: | home/devops/domain/OBDX_INS_TEST/servers/AdminServer/upload/obdx.externalsystem.ubs.notification.mdb.ear/app/obdx.externalsystem.ubs.notification.mdb.ear/ | | | | | | | |
| Coherence Clusters Resource Groups | Recently Used Paths: | (nme) | | | | | | | |
| Resource Group Templates | Current Location: | munt08bst / home / devops / doman / OBEXL_BNS_TEST / servers / AdminServer / upload / obdx.externalsystem.ubs.notification.mdb.ear / app | | | | | | | |
| | 🖲 🗔 obdx.externalsystem.ubs.notificatio | a.mdb.ear | | | | | | | |
| - Virtual Targets - Work Managers - Concurrent Templates - Resource Management | Bick Next Pinish Cancel | | | | | | | | |

• Select "Install this deployment as an application" and click Next



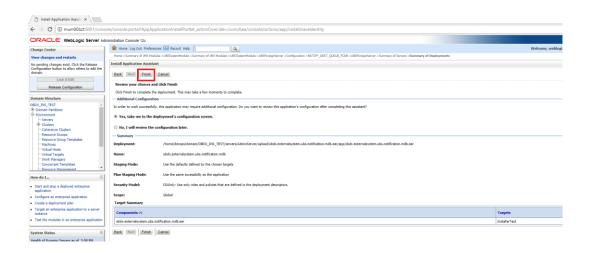
• Select Cluster as target and click Next



Click Next

| Install Application Assistar X | | |
|---|--|--|
| \leftrightarrow \rightarrow C $\textcircled{0}$ mum00bzt:8001/conso | le/console.portal?AppApplicationInstallPortlet_actionOver | rride=/com/bea/console/actions/app/install/applicationTargetsSelected |
| | inistration Console 12c | |
| Change Center | 🔒 Home Log Out Preferences 🖂 Record Help | <u>Q</u> |
| View changes and restarts | Home >Summary of JMS Modules >UBSSystemModule >Summary of JMS I | Modules > UBSSystemModule > UBSForeignServer > Configuration > NOTIFY_DEST_QUEUE_FCDB > UBSForeignServer > Summary of Servers > Summary of Deployments |
| No pending changes exist. Click the Release | Install Application Assistant | |
| Configuration button to allow others to edit the domain. | Back Next Finish Cancel | |
| Release Configuration | Optional Settings | |
| | You can modify these settings or accept the defaults. | |
| Domain Structure | * Indicates required fields | |
| OBDX_INS_TEST | - General | |
| Domain Partitions Environment | | |
| Servers | What do you want to name this deployment? | |
| Coherence Clusters | * Name: | obdx.externalsystem.ubs.notification.mdl |
| | | * |
| ····Resource Group Templates | Specification Version: | 17.2.0.0 |
| Machines | Implementation Version: | 201707211119 |
| ····Virtual Targets | | 201/0/21117 |
| Work Managers | - Security | |
| Resource Management | What security model do you want to use with this application? | |
| How do I | \circledast DD Only: Use only roles and policies that are defined in the transmission of transmission of the transmission of | e deployment descriptors. |
| Start and stop a deployed enterprise application | Custom Roles: Use roles that are defined in the Administration | ation Console; use policies that are defined in the deployment descriptor. |
| Configure an enterprise application | Custom Roles and Policies: Use only roles and policies that | at are defined in the Administration Console. |
| Create a deployment plan | | |
| Target an enterprise application to a server instance | Advanced: Use a custom model that you have configured | on the realm's configuration page. |
| Test the modules in an enterprise application | - Source Accessibility | |
| | How should the source files he made accessible? | |

• Click Finish.



• Click Save.

| Settings for obdx.externs × | | | | | | | |
|---|---|--|------------------------------|--------------------------|---|--|---|
| \leftrightarrow \rightarrow C $\textcircled{0}$ mum00bzt:8001/conso | le/console.portal?_nfpb=true | e&_pageLabel=AppApp | licationOverview | Page&AppApplicat | onOverviewPortlethandle=com.bea.con | sole.handles.AppDeploymentH | landle%28"com.bea%3AName%3Dobd |
| | inistration Console 12c | | | | | | |
| Change Center | Home Log Out Preferences | | ٩ | | | | |
| View changes and restarts | Home >UBSSystemModule >Summ | mary of JMS Modules >UBSSyster | nModule >UBSForeignS | erver >Configuration >NO | IFY_DEST_QUEUE_FCDB >UBSForeignServer >Summa | iry of Servers >Summary of Deployments | >obdx.externalsystem.ubs.notification.mdb |
| Pending changes exist. They must be activated to take effect. | Settings for obdx.externalsys | | | | | | |
| Activate Changes | Overview Deployment Plan | Configuration Security | Targets Control | Testing Monitoring | Notes | | |
| Undo All Changes | Save | | | | | | |
| Domain Structure OBDX_INS_TEST | Use this page to view the gene the name of the module to vie | eral configuration of an enterp ew and update its configuration | rise application, such 1. | as its name, the physica | path to the application files, the associated deplo | yment plan, and so on. The table at ti | e end of the page lists the modules (such as Web |
| E-Environment Servers | Name: | obdx.externalsystem.ubs.ne | tification.mdb | | | | The name of this enterprise application. More |
| Clusters Coherence Clusters | Scope: | Global | | | | | Specifies if this enterprise application is accessi |
| Resource Groups Resource Group Templates Machines | Path: | / home/ devops/ domain/ C notification. mdb. ear | BDX_INS_TEST/ serv | vers/ AdminServer/ uploa | i/ obdx. externalsystem. ubs. notification. mdb. e | ar/ app/ obdx. externalsystem. ubs. | The path to the source of the deployable unit o |
| ····Virtual Hosts ····Virtual Targets | Deployment Plan: | (no plan specified) | | | | | The path to the deployment plan document on |
| Work Managers Concurrent Templates | Staging Mode: | (not specified) | | | | | Specifies whether a deployment's files are copic area during application preparation. More Info |
| How do I • Start and stop a deployed enterprise | Plan Staging Mode: | (not specified) | | | | | Specifies whether an application's deployment staging area during application preparation. |
| Configure an enterprise application | Security Model: | DDOnly | | | | | The security model that is used to secure a dep |
| Create a deployment plan | 🛃 Deployment Order: | 100 | | | | | An integer value that indicates when this unit is Info |
| Target an enterprise application to a server | | | | | | | 100 |
| instance Test the modules in an enterprise application | Deployment Principal Name: | | | | | | A string value that indicates the principal that s This principal will be used to set the current sul ApplicationLifecycleListener. If no principal nam |

• Click Activate Changes

| ORACLE WebLogic Server Ad | ministration Console 12c | | | | | | | | | |
|--|---|--|---|-------------------|--------------|------------------|-----------|--|---|--|
| Change Center | 🙆 Home Log Out Preference | es 🔤 Record Help | | Q | | | | | | |
| View changes and restarts Pending changes exist. They must be activated to take effect. | Home >UBSSystemModule >Sur Messages | | temModule >I | UBSForeignS | erver >Confi | guration >NOTI | Y_DEST_(| QUEUE_FCDB >UBSForeignServer >Summary of Servers >Summary of Deployments >obdx.externa | ilsystem.ubs.noti | |
| Activate Changes | Settings for obdx.externals | | h | | | | | | | |
| Undo All Changes | Overview Deployment Pla | | | Control | Testing | Monitoring | Notes | | | |
| omain Structure BDX_INS_TEST | Save | | | | | | | | | |
| Domain Partitions Environment Servers Orders | Use this page to view the ge the name of the module to v | | | ation, such | as its name | , the physical (| ath to th | he application files, the associated deployment plan, and so on. The table at the end of the p | age lists the modi | |
| ···Coherence Clusters ···Resource Groups | Name: | Name: obdx.externalsystem.ubs.notification.mdb | | | | | | | | |
| Resource Group Templates | Scope: | Global | | | | | | | | |
| Virtual Hosts Virtual Targets Work Managers | Path: | / home/ devops/ domain notification. mdb. ear | xternalsystem. ubs. notification. mdb. ear/ app/ obdx. externalsystem. ubs. The path to | the source of the | | | | | | |
| Concurrent Templates | Deployment Plan: | (no plan specified) | | | | | | The path to | the deployment p | |
| | Staging Mode: | (not specified) | | | | | | | ether a deployme application prepa | |
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| Start and stop a deployed enterprise application | Plan Staging Mode: | | | | | | | | | |
| Start and stop a deployed enterprise application Configure an enterprise application Create a deployment plan | Plan Staging Mode: Security Model: | DDOnly | | | | | | The security | model that is use | |
| Start and stop a deployed enterprise application Configure an enterprise application | | DDOnly 100 | | | | | | | model that is us | |

| Settings for obdx.externa × | | | | | | | | | | | | | |
|--|--|--|----------------|----------|---------|-------------|----------|-----------------|---------------|--------------------|---|---|--|
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| ORACLE WebLogic Server Admi | nistration Console 12c | | | | | | | | | | | | |
| Change Center | A Home Log Out Preferences | Record Help | | Q | | | | | | | | | |
| View changes and restarts | Home sUBSSystemHodule -Summary of JMS Modules >UBSSystemModule -SUBSSystemModule -SUBSSSystemModule -SUBSSSSSSSSSS | | | | | | | | | | | | |
| Click the Lock & Edit button to modify, add or delete items in this domain. | All changes have been activ | ated. No restarts are r | necessary. | | | | | | | | | | |
| Lock & Edit | Settings for obdx.externalsystem.ubs.notilication.mdb | | | | | | | | | | | | |
| Release Configuration | Overview Deployment Plan | Configuration Se | curity Targets | Control | Testing | Monitoring | Notes | | | | | | |
| Domain Structure | Click the Lock & Edit button in the Change Center to modify the settings on this page. | | | | | | | | | | | | |
| OBDX_INS_TEST Domain Partitions | Save | | | | | | | | | | | | |
| C+EnvironmentServers C-Coherenc ClustersCoherenc ClustersResource Group SeruplatesWould HostsWithal TargetsWould HostsWithal MagersConcurrent TemplatesDencurrent TemplatesDencu | Use this page to view the general configuration of an entervise 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 losts the modules (such as Web the name of the module to view and update its configuration. | | | | | | | | | | | | |
| | Name: | obdx.externalsystem.ubs.notification.mdb | | | | | | | | The | The name of this enterprise application. More | | |
| | Scope: | Global | | | | | | | | Spi | Specifies if this enterprise application is accessil | | |
| | Path: | / home/ devosy/ domain/ OBDX_INS_TEST/ servers/ AdminServer/ upload/ obdx. externalsystem. ubs. notification. mdb. ear/ app/ obdx. externalsystem. ubs. notification. mdb. ear | | | | | | | | em. ubs. The | The path to the source of the deployable unit o | | |
| How do I | Deployment Plan: | (no plan specified) | | | | | | | | | The | e path to the deployment plan document on | |
| Start and stop a deployed enterprise application | Staging Mode: | (not specified) | | | | | | | | | | ecifies whether a deployment's files are copie a during application preparation. More Info | |
| Configure an enterprise application Create a deployment plan Target an enterprise application to a server | Plan Staging Mode: | (not specified) | | | | | | | | Spi sta | ecifies whether an application's deployment ; iging area during application preparation. | | |
| Test the modules in an enterprise application | Security Model: | DDOnly | | | | | | | | | The | e security model that is used to secure a dep | |
| · · · · | 🚝 Deployment Order: | 100 | | | | | | | | | An Inf | integer value that indicates when this unit is fo | |
| System Status Health of Running Servers as of 3:59 PM | 🚝 Deployment Principal | | | | | | | | | | A. | string value that indicates the principal that s | |
| Failed (0) Critical (0) | Name: | | | | | | | | | | Thi | is principal will be used to set the current sul plicationLifecycleListener. If no principal nam | |
| cnucal (0) | | | | | | | | | | | | | |

Fileupload with UBS

Refer below document for File upload configuration with UBS

Oracle Banking Digital Experience File Upload Report Configuration

OBDX with OBP Base (Installation with Oracle Banking Platform)

Refer below document (section 5.2 OUD configurations in OBP) for User Authentication required for integration with OBP

Oracle Banking Digital Experience OBP Base Setup and Configuration

OBDX US LZN with OBP US LZN (Installation with Oracle Banking Platform US LZN)

Once OBP Base setup and configuration is complete, refer below document to apply LZN Installer required for integration with OBP 2.5.0.2 US LZN.

Oracle Banking Digital Experience OBP US LZN Setup and Configuration

OBDX with OFSLL (Installation with Oracle Services Lending and Leasing)

Refer below document for OFSLL Installer required for integration with OFSLL

Oracle Banking Digital Experience OFSLL Setup Configuration

OFSLL supports social media integration. Refer Oracle Banking Digital Experience Origination Social Media Integration document.

<u>OHS</u>

OHS server needs to be configured for all FLAVOR's as a mandatory activity.

To configure OHS server follow steps mentioned in below document before proceeding further.

Oracle Banking Digital Experience OHS User Interface Configuration

9. **OBDX Product Verification**

Start managed server and verify all deployed application's are in Active state (as shown below).

| B AuditMDBEAR | Active | 🖋 ок | Enterprise Application | obdx_cluster | Global | |
|---------------------------------|--------|------|---------------------------|------------------------------|--------|--|
| BatchResourceAdapter | Active | 🖋 ок | Enterprise Application | obdx_cluster | Global | |
| Scoherence-transaction-rar | Active | 🖋 ок | Resource Adapter | AdminServer, obdx_cluster | Global | |
| E Com.ofss.digx.app.connector | Active | 🖋 ок | Enterprise Application | obdx_cluster | Global | |
| Com.ofss.digx.appx.service.rest | Active | 🖋 ок | Enterprise Application | obdx_cluster | Global | |
| Com.ofss.digx.appx.service.soap | Active | 🖋 ок | Enterprise Application | obdx_cluster | Global | |

| Contemp - 2010 - | Active | Library | AdminServer, obdx_cluster |
|--|--------|---------------------------|------------------------------|
| ntheophysics (17.2.0.0.0,201707120532) | Active | Library | AdminServer, obdx_cluster |
| obdx.app.domain(17.2.0.0.0,201707120532) | Active | Library | obdx_cluster |
| ntheophy.app.security(17.2.0.0.0,201707120532) | Active | Library | AdminServer, obdx_cluster |
| ntheophy.app.wsdl.domain(17.2.0.0.0,201707120532) | Active | Library | AdminServer, obdx_cluster |
| bodx.externalsystem.ubs(17.2.0.0.0,201707120532) | Active | Library | obdx_cluster |
| € Cobdx.externalsystem.ubs.notification.mdb | Active | Enterprise Application | obdx_cluster |
| Contemporary.app.domain(17.2.0.0.0,201707120532) | Active | Library | AdminServer, obdx_cluster |

E ReportsMDBEAR

Enterprise Application obdx_cluster Active 🛛 🖋 OK

To login into application, new user needs to be created in OUD refer section 9.4 (Creating the Attributes, bject Class, Users, Groups and Adding Optional Attributes on LDAP Server) of document "Oracle Banking Digital Experience Installer Pre-Requisite Setup Manual" mentioned in section 1.5 Related Information Sources.

To verify the installation, launch below URL

Flavor: OBDX (Installation with Third Party System) & OBDX with UBS (Installation with Universal Banking Solution)

http://<OHS server ip or hostname>:<OHS port>

Flavor: OBDX with OBP (Installation with Oracle Banking Platform) & OBDX with FLL (Installation with Oracle Financial Services Lending and Leasing)

http://<OHS server ip or hostname>:<OHS port>/index/public/model-bank.html?module=home

Heart to Dack Bar

Check if the page loads successfully.

Day1 Configuration

OBDX with UBS (Installation with Universal Banking Solution)

Refer below document (section 3. System Configuration) for Day1 configuration required for integration with UBS

User Manual Oracle Banking Digital Experience Core

Once day1 is completed, application is available for end-user transactions.

Note: Post Day1 restart of Managed server is mandatory

OBDX (Installation with Third Party System)

Refer below document for Day1 configuration required for integration with Third-party System

Oracle Banking Digital Experience Third Party Configuration

Once day1 is completed, application is available for end-user transactions.

Note: Post Day1 restart of Managed server is mandatory

OBDX with OBP (Installation with Oracle Banking Platform)

Refer below document for Day1 configuration required for integration with OBP

User Manual Oracle Banking Digital Experience Core

Once day1 is completed, application is available for end-user transactions.

Note: Post Day1 restart of Managed server is mandatory

OBDX with OBP (Installation with Oracle Banking Platform) US LZN

Refer below document for Day1 configuration required for integration

User Manual Oracle Banking Digital Experience Core

Once day1 is completed, application is available for end-user transactions.

Note: Post Day1 restart of Managed server is mandatory

OBDX with FLL (Installation with Oracle Financial Services Lending and Leasing)

Refer below document (section 5.1 System Configuration) for Day1 configuration required for integration with OFSLL

Oracle Banking Digital Experience OFSLL Setup Configuration

Once day1 is completed, application is available for end-user transactions.

Note: Post Day1 restart of Managed server is mandatory

Chat Bot Configuration:

Refer below document for Chat Bot configuration. Oracle Banking Digital Experience Chatbot Configuration

Mobile Application Builder:

Refer below documents for Mobile Applications build and setup. Oracle Banking Digital Experience Mobile Application Builder-Android Oracle Banking Digital Experience Mobile Application Builder-iOS

10. OBDX Product Security

Refer below document for OBDX product security configuration

Oracle Banking Digital Experience Security Guide

11. Troubleshoot Overview

This section describes how to troubleshoot OBDX setup.

Invalid database password

This topic contains troubleshooting information if you receive an error when attempting to connect to the database server.

If you get the following error:

| Oracle Banking Digital Experience | Installer v17.2.0.0. |
|--|----------------------|
| Enter the password for the user with sys priviledges 'sys' : | |
| >>password | |
| Invalid input. Please enter a valid password. | |
| Enter password for the OBDX schema 'OBDX_UBSNT2' : | |
| » | |

Try one of the following:

- Verify that the database is running.
- Check Network connectivity between Weblogic Server and Database server.
- Check the database configuration in installer.properties file
- Verify that the entered password is correct.

cx_oracle module

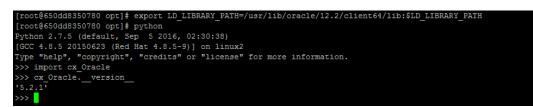
This topic contains troubleshooting information about problems with cx_Oracle python module.

If you get the following error:



Execute the below command:

export LD_LIBRARY_PATH=/usr/lib/oracle/12.2/client64/lib:\$ LD_LIBRARY_PATH



Failed Database Scripts

This topic contains troubleshooting information in case of database script failures.

If you get the following error in DB_installation.log:

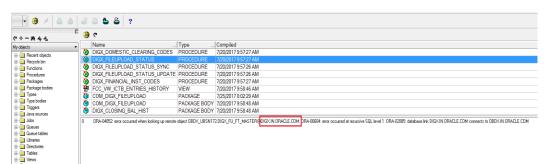
2017-07-13 13:45:41,747 DEBUG Executed /scratch/jenkins/OBDX_Installer/ExecInstances/13Jul1338/db/UBS/seed/MSTENTITYUSERTYPELANG.sql successful 2017-07-13 13:45:41,796 ERROR Executed /scratch/jenkins/OBDX_Installer/ExecInstances/13Jul1338/db/UBS/seed/mstlang.sql failed 2017-07-13 13:45:41,796 DEBUG total scripts=15 2017-07-13 13:45:41,797 DEBUG scripts successfully executed=14

Check the detailed log of the failed SQL file at OBDX_Installer/ExecInstances/<DDMonthHHMM> /logs/db folder.

Invalid database objects

This topic contains troubleshooting information about problems with invalid objects in UBS schema.

If you get the following error:



Fix the problem by doing the following:

- Check the db link configuration for DIGX
- Check if the below query gets executed successfully:
- select * from dual@OBDX;