

Single Sign-on Configuration Guide -SAML  
Oracle Banking Digital Experience  
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Single Sign-on Configuration Guide -SAML

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## Table of Contents

<b>1. Preface .....</b>	<b>1-1</b>
1.1 Purpose .....	1-1
1.2 Audience .....	1-1
1.3 Documentation Accessibility .....	1-1
1.4 Critical Patches .....	1-1
1.5 Diversity and Inclusion .....	1-1
1.6 Conventions .....	1-1
1.7 Screenshot Disclaimer .....	1-2
1.8 Acronyms and Abbreviations .....	1-2
<b>2. Introduction .....</b>	<b>2-1</b>
<b>3. Configuration .....</b>	<b>3-1</b>
3.1 Identity Provider Configuration at IDCS .....	3-1
3.2 SAML Authentication Provider configuration. ....	3-6
3.3 SQL Authentication Provider configuration. ....	3-9
3.4 OHS Configuration .....	3-13
3.5 Database Configuration .....	3-15
3.6 IDCS OAuth Integration .....	3-16
3.7 WebLogic configuration for OAuth .....	3-22
3.8 OBDX configuration for OAuth .....	3-26
3.9 Default Admin Configuration .....	3-27
3.10 Logout Configurations .....	3-28

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# 1. Preface

## 1.1 Purpose

Welcome to the User Guide for Oracle Banking Digital Experience. This guide explains the operations that the user will follow while using the application.

## 1.2 Audience

This manual is intended for Customers and Partners who setup and use Oracle Banking Digital Experience.

## 1.3 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>.

### **Access to Oracle Support**

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit, <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## 1.4 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## 1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## 1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
------------	---------

<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>Italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 1.7 Screenshot Disclaimer

The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

## 1.8 Acronyms and Abbreviations

The list of the acronyms and abbreviations that you are likely to find in the manual are as follows:

Abbreviation	Description
<b>OBDX</b>	Oracle Banking Digital Experience

---

## 2. Introduction

This document covers step-by-step details on configuration required at IDCS side (Application and User) and WebLogic console configurations for SAML and SQL Authentication Providers. Document also includes the configuration required on OHS to enable different URL's for internal and external user login.

## 3. Configuration

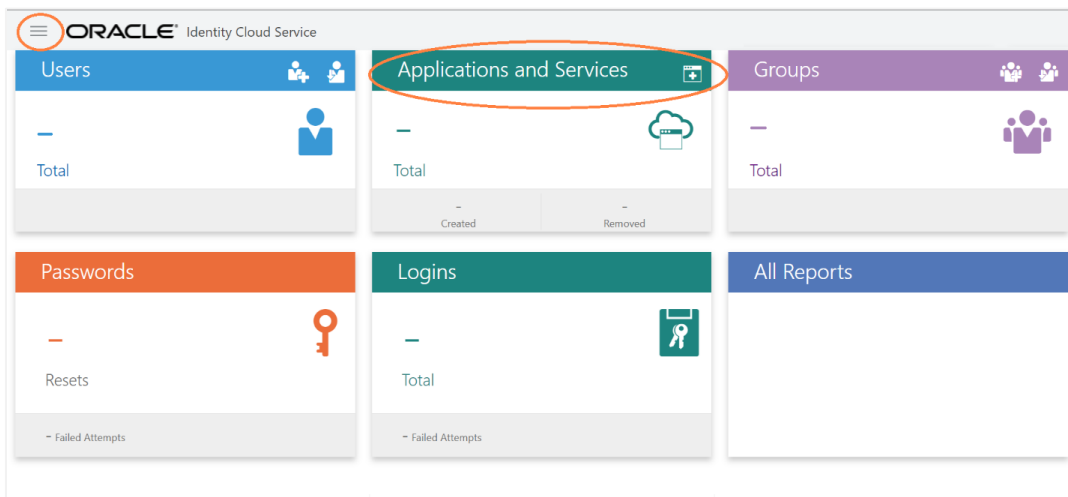
To enable SAML authentication it involves configuration at WebLogic server (console) and IDCS console.

### 3.1 Identity Provider Configuration at IDCS

Steps to configure Identity Provide at IDCS

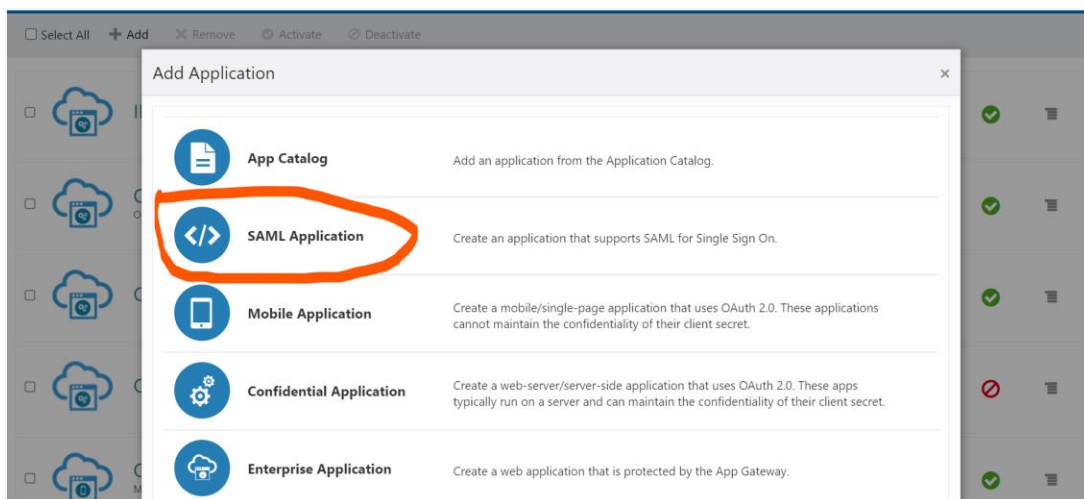
1. Login to Oracle Identity Cloud Service (IDCS) console with admin login. In dashboard click on **Add Application** in Application and Services widget or navigate through the breadcrumb menu as highlighted in screenshot.

#### Dashboard



2. In popup window select **SAML Application**.

#### Add Application



3. In **Add SAML Application** page provide below mentioned fields and click on **Next**.
- Name
  - Description

### Add SAML Application

The screenshot shows the 'Add SAML Application' page with a progress bar at the top indicating Step 1 (Details) and Step 2 (SSO Configuration). The 'App Details' section contains the following fields:

- Name:** OBDX\_SAML\_CONFIG
- Description:** SAML Configuration for OBDX user authentication.
- Application Icon:** A cloud icon with a document inside.
- Application URL / Relay State:** An empty text field.

Buttons include 'Cancel', 'Next >', 'Upload', 'Add', and 'Remove'.

4. Fill below mentioned fields as per section.

- General
  - Entity Id: - A unique identifier / name for the service provider.
  - Assertion Consumer URL: - End point to which assertion will be sent by IDCS.  
Recommended URL format [<OHS\\_URL>/saml2/sp/acs/post](#)  
e.g. [<PROTOCOL>://<OHS\\_HOST>:<OHS\\_PORT>/saml2/sp/acs/post](#)  
[http://whf000xxx.bank.com:9999/saml2/sp/acs/post](#)
  - NameID Format: - Select value as "Unspecified".
  - NameID Value: - Select value as "User Name".

### Add SAML Application

The screenshot shows the 'Add SAML Application' page with a progress bar at the top indicating Step 1 (Details) and Step 2 (SSO Configuration). The 'General' section contains the following fields:

- Entity ID:** OBDX\_SAML
- Assertion Consumer URL:** <http://example.com/saml2/sp/acs/post>
- NameID Format:** Unspecified
- NameID Value:** User Name

Buttons include '< Back', 'Finish', 'Download Signing Certificate', 'Download Identity Provider Metadata', and 'Upload'.



ii. Advance Settings

- a. Signed SSO :- Select value as "Assertion"
- b. Enable Single Logout: - This field should be checked.
- c. Logout Binding: - Select value as "Redirect".
- d. Single Logout URL: - End point which IDCS will make call to do single logout functionality.  
Recommended URL format <OHS\_URL>/digx-infra/sso-logout  
[e.g. <PROTOCOL>://<OHS\\_HOST>:<OHS\\_PORT>/digx-infra/sso-logout](http://whf000xxx.bank.com:9999/digx-infra/sso-logout)  
<http://whf000xxx.bank.com:9999/digx-infra/sso-logout>
- e. Logout Response URL: -  
Recommended URL format <OHS\_URL>/digx-infra/sso-logout  
[e.g. <PROTOCOL>://<OHS\\_HOST>:<OHS\\_PORT>/digx-infra/sso-logout](http://whf000xxx.bank.com:9999/digx-infra/sso-logout)  
<http://whf000xxx.bank.com:9999/digx-infra/sso-logout>

## Add SAML Application

### Advanced Settings


This section contains additional configuration options.

Signed SSO	Assertion
Include Signing Certificate in Signature	<input type="checkbox"/>
Signature Hashing Algorithm	SHA-256
Enable Single Logout	<input checked="" type="checkbox"/>
* Logout Binding	Redirect
* Single Logout URL	http://example.com:9999/digx-infra/ssc
* Logout Response URL	http://example.com:9999
Encrypt Assertion	<input type="checkbox"/>

5. Click on **Finish / Save**.
6. Click on **Activate** button to activate your application.

## Edit Application

Applications > OBDX\_SAML\_CONFIG

 **OBDX\_SAML\_CONFIG**  
SAML Configuration for OBDX user authentication.

Activate Remove


Details SSO Configuration Users Groups

App Details

Application Type SAML Application

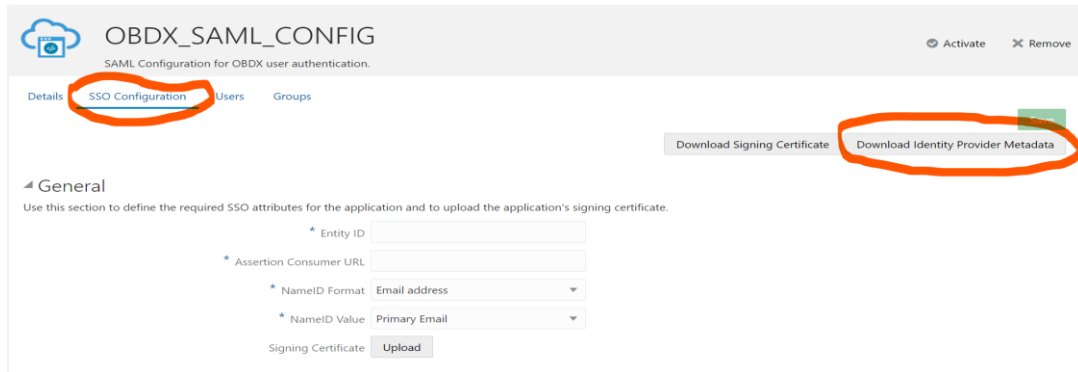
\* Name OBDX\_SAML\_CONFIG

Description SAML Configuration for OBDX user authentication.

Application Icon 

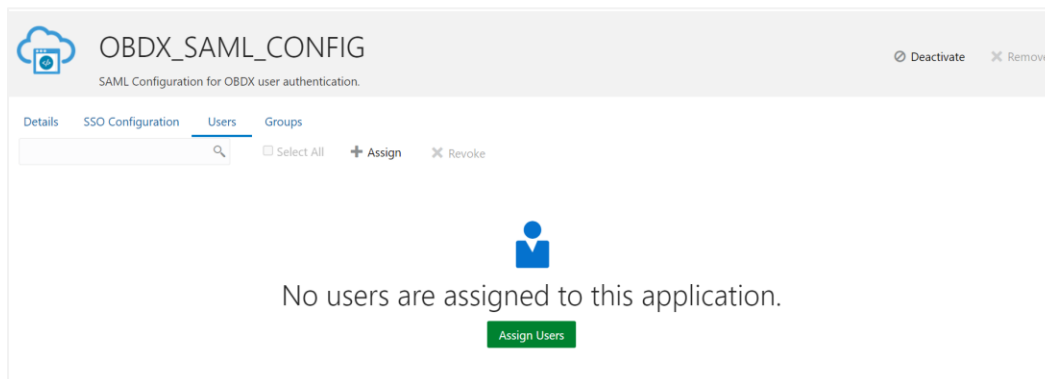
7. Navigate to Dashboard and search the application you have created.
8. Navigate to **SSO Configuration** tab and click on “**Download Identity Provider Metadata**”. Keep the downloaded xml file, it will be required to upload in WebLogic console. Same is explain in WebLogic console configuration steps.

### Edit Application



9. Copy / FTP the downloaded IDC metadata xml file to WebLogic server using winscp / putty.
10. Navigate to **Users** tab in application to add the users related to application.
11. Click on **Assign Users** or **Assign (+)** button to search and add the users into application. If user is not available follow steps mentioned in Section 1.3 to create new user.

### Edit Application



### Assign Users

Assign Users

Please select up to 40 users to assign.

☐ Select All

superadmin

Selected: 1

Clear Selection

	First Name	Last Name	Email
<input type="checkbox"/>	Super	Admin	
<input checked="" type="checkbox"/>	superadmin	superadmin	

Page 1 of 1 (1-2 of 2 items)

<

1

>

OK

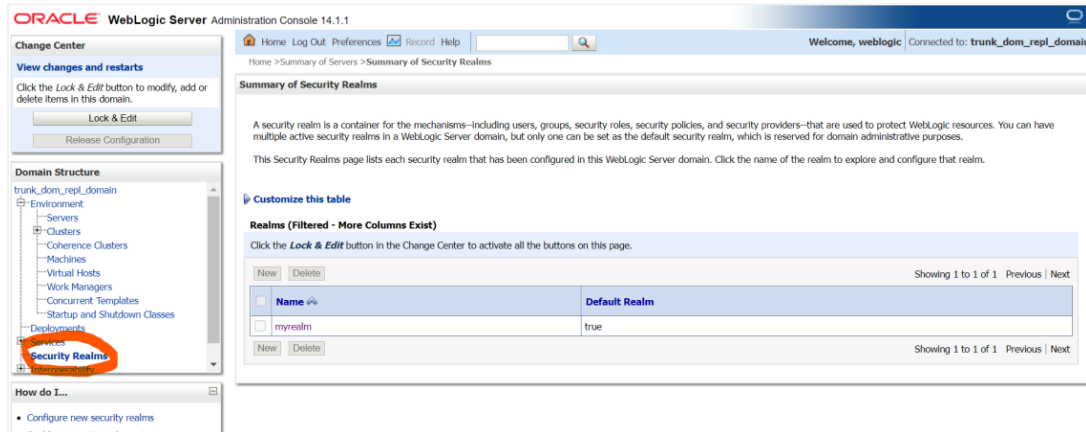
12. Logout from IDCS console.

## 3.2 SAML Authentication Provider configuration.

Steps to configure SAML Authentication Providers changes into WebLogic console.

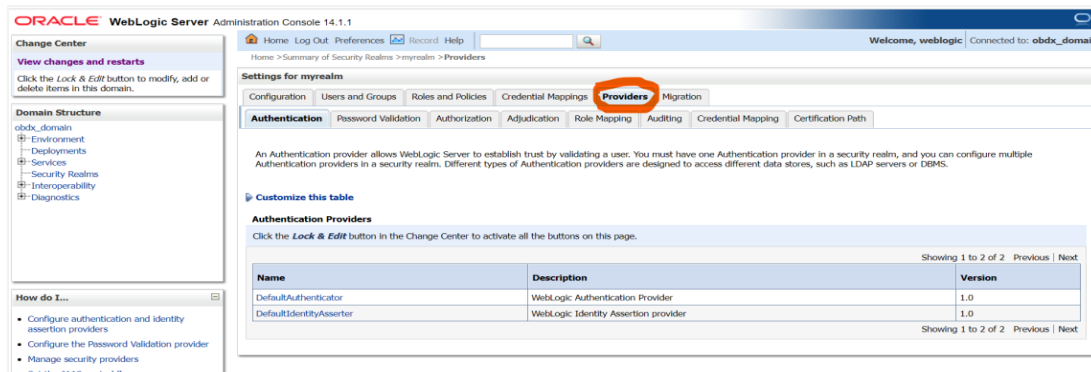
1. Login to WebLogic console with admin login and navigate to “**Security Realms**”.

### Security Realms



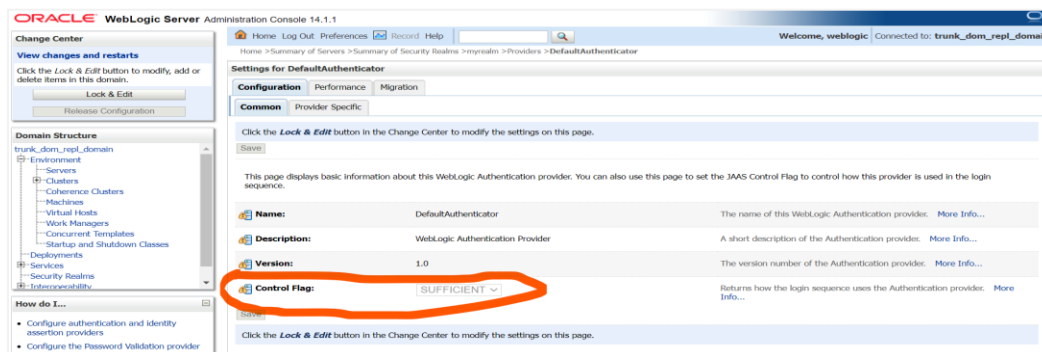
2. → Click on **myrealm** or your realm name present in screen. Navigate to “**Providers**” tab.

### Providers



3. Select “**DefaultAuthenticator**” and change the Control Flag value to “**SUFFICIENT**”.

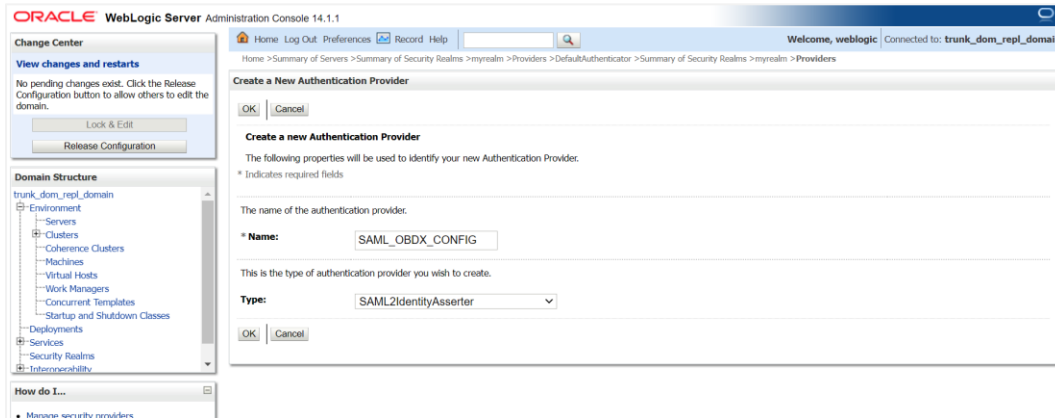
### Default Authenticator



4. Again, navigate to “Security Realms” → myrealms → Providers and click on **New** button to create new Authentication Provider. Fill the below mentioned fields with appropriate values and click on **OK**.

- i. Name: - Name of authentication provider.
- ii. Type :- Select value as “SAML2IdentityAsserter”.

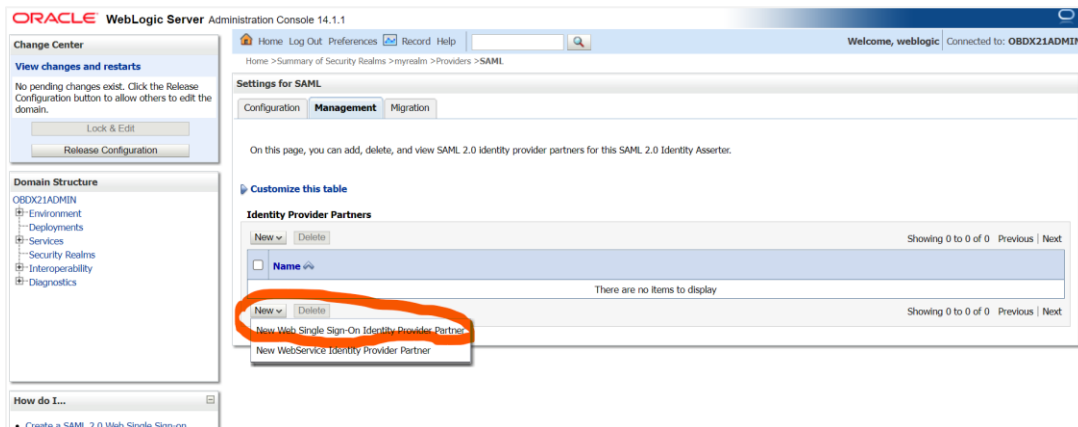
## Create Authentication Provider



The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, with 'Security Realms' expanded. The main area displays the 'Create a New Authentication Provider' dialog. The 'Name' field is set to 'SAML\_OBDX\_CONFIG' and the 'Type' dropdown is set to 'SAML2IdentityAsserter'. The 'OK' button is highlighted.

5. Restart Admin Server.
6. Login to WebLogic console and navigate to “Security Realms” → myrealms → Providers newly created authentication provider (e.g. SAML\_OBDX\_CONFIG) and navigate to “**Management**” tab.
7. Click on **New** button to add the Identity Provider Partner and select “**New Web Single Sign-On Identity Provider Partner**”

## Management



The screenshot shows the 'Settings for SAML' page in the Oracle WebLogic Server Administration Console. The 'Management' tab is selected. The 'New' button is circled in red, and the 'New Web Single Sign-On Identity Provider Partner' option is highlighted in the dropdown menu. The 'New WebService Identity Provider Partner' option is also visible.

8. Provide the name for the identity partner and select the IDC metadata xml copied to WebLogic server. Click **OK** button to save.

## Create a SAML 2.0 Web Single Sign-on Identity Provider Partner

Use this page to:

- Enter the name of your new Single Sign-on Identity Provider partner
- Specify the name and location of the SAML 2.0 metadata file that you received from this new partner

\* Indicates required fields

Please specify the name of the partner:

\* **Name:**

Please specify the name of the file containing the partner metadata document.

**Path:**

**Recently Used Paths:**

**Current Location:**

File Explorer:

- bin
- common
- config
- init-info
- jms
- logs
- orchestration
- original
- servers
- IDCSMetadata.xml**

OK Cancel

9. Open the newly added Identity Provider Partner and select below mentioned checkboxes and field and click on **Save**.
  - i. Enable: - Checked
  - ii. Virtual User: - Checked
  - iii. Redirect URIs: - /digx-infra/admin-dashboard

## Settings for Create a SAML 2.0 Web Single Sign-on Identity Provider Partner

The parameters that can be set on this Administration Console page can also be accessed programmatically via the Java interfaces that are identified in this help topic. For API information about those interfaces, see Related Topics.

**Overview**

**Name:** IDCS\_IT The name of this Identity Provider partner. [More Info...](#)

☒ **Enabled** Specifies whether interactions with this Identity Provider partner are enabled on this server. [More Info...](#)

**Description:**  A short description of this Identity Provider partner. [More Info...](#)

**Authentication Requests**

**Identity Provider Name Mapper Class Name:**  The Java class that overrides the default username mapper class with which the SAML 2.0 Identity Asserter provider is configured in this security realm. [More Info...](#)

**Issuer URI:**  The Issuer URI of this Identity Provider partner. [More Info...](#)

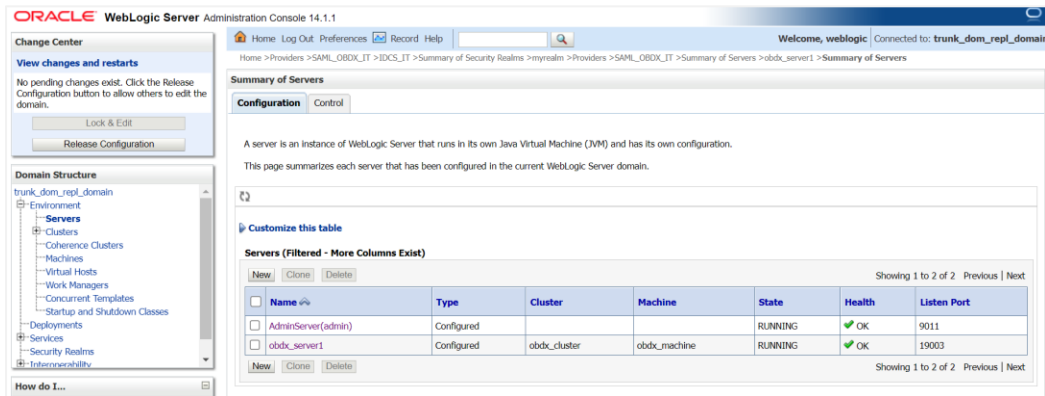
☒ **Virtual User** Specifies whether user information contained in assertions received from this Identity Provider partner are mapped to virtual users in this security realm. [More Info...](#)

**Redirect URIs:**  An optional set of URIs from which unauthenticated users will be redirected to the Identity Provider partner. [More Info...](#)

☒ **Process Attributes** Specifies whether the SAML 2.0 Identity Asserter provider consumes attribute statements contained in assertions received from this Identity Provider partner. [More Info...](#)

10. Navigate to “Environment” → “Servers” and select the server on which SSO authentication application will be deployed.

## Servers



11. Navigate to “Federation Services” → “SAML 2.0 General” and provide values to below mentioned fields. Click on **Save**.

- Published Site URL: - Recommended URL format <http://whf000xxx.bank.com:9999/saml2>  
e.g. <http://100.76.153.182:19003/saml2>
- Entity Id: - Value should match with [Entity Id](#) provided in SAML configuration in IDCS console.
- Recipient Check Enabled: - unchecked.

### SAML 2.0 General

Published Site URL:  The published site URL. [More Info...](#)

Entity ID:  The string that uniquely identifies the local site. [More Info...](#)

— Bindings —

☐ Recipient Check Enabled

Specifies whether the recipient/destination check is enabled. When true, the recipient of the SAML Request/Response must match the URL in the HTTP Request. [More Info...](#)

12. Navigate to “Federation Services” → “SAML 2.0 Service Provider” and provide values to below mentioned fields and click on **Save**.

- Enabled: - Check box should be checked.
- Preferred Binding: - Post
- Default URL: - <http://100.76.153.182:19003/saml2>

## 3.3 SQL Authentication Provider configuration.

Steps to configure SQL Authentication Providers changes into WebLogic console.

- Login to WebLogic console with admin login and navigate to “**Security Realms**”.

## Security Realms

Oracle WebLogic Server Administration Console 14.1.1

Home > Summary of Servers > Summary of Security Realms

**Summary of Security Realms**

A security realm is a container for the mechanisms—including users, groups, security roles, security policies, and security providers—that are used to protect WebLogic resources. You can have multiple active security realms in a WebLogic Server domain, but only one can be set as the default security realm, which is reserved for domain administrative purposes.

This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm to explore and configure that realm.

**Customize this table**

**Realms (Filtered - More Columns Exist)**

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Name	Default Realm
myrealm	true

- Click on **myrealm** or your realm name present in screen. Navigate to “**Providers**” tab.

## Providers

Oracle WebLogic Server Administration Console 14.1.1

Home > Summary of Security Realms > myrealm > Providers

**Settings for myrealm**

Configuration | Users and Groups | Roles and Policies | Credential Mappings | **Providers** | Migration

**Authentication** | Password Validation | Authorization | Adjudication | Role Mapping | Auditing | Credential Mapping | Certification Path

An Authentication provider allows WebLogic Server to establish trust by validating a user. You must have one Authentication provider in a security realm, and you can configure multiple Authentication providers in a security realm. Different types of Authentication providers are designed to access different data stores, such as LDAP servers or DBMS.

**Customize this table**

**Authentication Providers**

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Name	Description	Version
DefaultAuthenticator	WebLogic Authentication Provider	1.0
DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0

- Click on **New** button to create new Authentication Provider. Fill the below mentioned fields with appropriate values and click on **OK**.
  - Name: - Name of authentication provider.
  - Type :- Select value as “ReadOnlySQLAuthenticator”.



## Create New Authentication Provider

ORACLE WebLogic Server Administration Console 14.1.1

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: test221\_domain

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

test221\_domain

- Environment
  - Servers
  - Clusters
    - Coherence Clusters
  - Machines
  - Virtual Hosts
  - Work Managers
  - Concurrent Templates
  - Startup and Shutdown Classes
- Deployments
- Services
  - Security Realms
  - Messaging
  - Data Sources

How do I...

- Manage security providers
- Configure authentication and identity assertion providers

Create a New Authentication Provider

OK Cancel

Create a new Authentication Provider

The following properties will be used to identify your new Authentication Provider.

\* Indicates required fields

The name of the authentication provider.

\* Name: SQLAuth

This is the type of authentication provider you wish to create.

Type: ReadOnlySQLAuthenticator

OK Cancel

- Open newly created authentication provider (e.g. SQLAuth). Select the value of **Control Flag** as **"SUFFICIENT"**

## Settings for Read Only SQL Authentication Provider

delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

test221\_domain

- Environment
  - Servers
  - Clusters
    - Coherence Clusters
  - Machines
  - Virtual Hosts
  - Work Managers
  - Concurrent Templates
  - Startup and Shutdown Classes
- Deployments
- Services
  - Security Realms
  - Messaging
  - Data Sources

How do I...

- Configure authentication and identity assertion providers
- Set the JAAS control flag
- Manage security providers

System Status

Health of Running Servers as of 9:32 AM

Configuration Performance

Common Provider Specific

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

Save

This page displays basic information about this Read-only SQL Authentication provider. You can also use this page to set the JAAS Control Flag to control how this provider is used in the login sequence.

Name:	SQLAuth	The name of this Read-Only SQL Authentication provider. <a href="#">More Info...</a>
Description:	Provider that performs DBMS authentication	A short description of this Read-Only SQL Authentication provider. <a href="#">More Info...</a>
Version:	1.0	The version number of this Read-Only SQL Authentication provider. <a href="#">More Info...</a>
Control Flag:	SUFFICIENT	Specifies how this Read-Only SQL Authentication provider fits into the login sequence. <a href="#">More Info...</a>

Save

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

- Navigate to **"Provider Specific"** tab to configuration related to SQL Authentication.
- Provide the values to fields mentioned below with given value in case it is not auto populated.
  - Data Source Name: - NONXA
  - SQL Get Users Password: - SELECT U\_PASSWORD FROM USERS WHERE U\_NAME = ?
  - SQL User Exists: - SELECT U\_NAME FROM USERS WHERE U\_NAME = ?
  - SQL List Users: - SELECT U\_NAME FROM USERS WHERE U\_NAME LIKE ?
  - SQL List Groups: - SELECT G\_NAME FROM GROUPS WHERE G\_NAME LIKE ?
  - VI. SQL Group Exists: - SELECT G\_NAME FROM GROUPS WHERE G\_NAME = ?
  - SQL Is Member: - SELECT G\_MEMBER FROM GROUPMEMBERS WHERE G\_NAME = ? AND G\_MEMBER = ?

- viii. SQL List Member Groups: - SELECT G\_NAME FROM GROUPMEMBERS WHERE G\_MEMBER = ?
- ix. SQL Get User Description: - SELECT U\_DESCRIPTION FROM USERS WHERE U\_NAME = ?
- x. SQL Get Group Description: - SELECT G\_DESCRIPTION FROM GROUPS WHERE G\_NAME = ?

## Settings for Read Only SQL Authentication Provider

**Data Source Name:** NONXA

**Group Membership Searching:** unlimited

**Max Group Membership Search Level:** 0

**SQL Get Users Password:** SELECT U\_PASSWORD FROM USERS WHERE U\_NAME = ?

**SQL User Exists:** SELECT U\_NAME FROM USERS WHERE U\_NAME = ?

**SQL List Users:** SELECT U\_NAME FROM USERS WHERE U\_NAME LIKE ?

**SQL List Groups:** SELECT G\_NAME FROM GROUPS WHERE G\_NAME LIKE ?

**SQL Group Exists:** SELECT G\_NAME FROM GROUPS WHERE G\_NAME = ?

**SQL Is Member:** SELECT G\_MEMBER FROM GROUPMEMBERS WHERE G\_NAME = ?

**SQL List Member Groups:** SELECT G\_NAME FROM GROUPMEMBERS WHERE G\_MEMBER = ?

☐ **Descriptions Supported**

**SQL Get User Description:** SELECT U\_DESCRIPTION FROM USERS WHERE U\_NAME = ?

**SQL Get Group Description:** SELECT G\_DESCRIPTION FROM GROUPS WHERE G\_NAME = ?

**Save**

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

7. Click on **Save**.
8. Navigate to “Security Realms” → myrealms → Providers and click on **Reorder** button.

## Authentication

**Providers**

Provider	Description
Default	Default provider
LDAP	LDAP provider
OAuth	OAuth provider
OpenID	OpenID provider
Radius	Radius provider
SAML	SAML provider
Shibboleth	Shibboleth provider
WebAuthn	WebAuthn provider

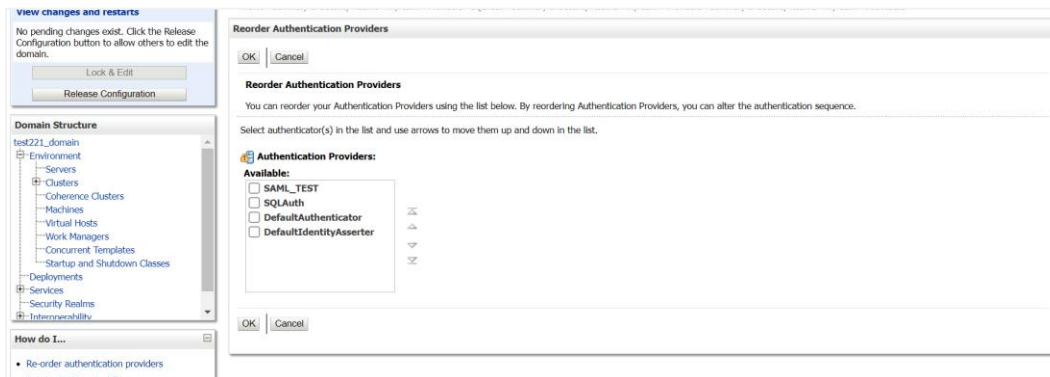
**Authentication**

**Providers**

**Reorder**

9. Reorder the authentication providers as given below.
  - i. SAML Authentication Provider
  - ii. SQL Authentication Provider
  - iii. Default Authenticator

### Reorder Authentication Providers



10. Restart all the servers in domain including Admin Server.

---

**\*\*Note:** Accessing /saml2 uri from OHS (<OHS\_URL>/saml2), /saml2 uri has to be proxy bypassed from OHS

---

## 3.4 OHS Configuration

Provides details on configuration required on OHS to enable different URL's for internal and external users. i.e authentication with OBDX or external service provider.

1. Open obdx.conf file from OHS server. You can find the location of obdx.conf file from httpd.conf file.
2. Verify if proxypass URLs are configured in obdx.conf file. If not then add entries as mentioned in below format.

```
ProxyPassMatch "/digx(.*)" "<PROTOCOL>://<WL_HOST_NAME>:<WL_PORT>/digx$1"
ProxyPassReverse "/digx(.*)" "<PROTOCOL>://<WL_HOST_NAME>:<WL_PORT>/digx$1"
ProxyPassMatch "/saml2(.*)" "<PROTOCOL>://<WL_HOST_NAME>:<WL_PORT>/saml2$1"
ProxyPassReverse "/saml2(.*)" "<PROTOCOL>://<WL_HOST_NAME>:<WL_PORT>/saml2$1"
ProxyPassMatch "/digx(.*)" "http:// whf000xxx.bank.com:19003/digx$1"
ProxyPassReverse "/digx(.*)" "http:// whf000xxx.bank.com:19003/digx$1"
ProxyPassMatch "/saml2(.*)" "http:// whf000xxx.bank.com:19001/saml2$1"
ProxyPassReverse "/saml2(.*)" "http:// whf000xxx.bank.com:19001/saml2$1"
```

3. Add below virtual configuration into obdx.conf file.

```
##Virtual Hosts

Listen <PORT_1>

<VirtualHost *:<PORT_1>>

    ServerName <HOST_NAME>

    RewriteEngine On

    RewriteOptions inherit

    <Directory "${DocumentRoot}">

        Options FollowSymLinks

        AllowOverride all

    </Directory>

</VirtualHost>


Listen <PORT_2>

<VirtualHost *:<PORT_2>>

    ServerName <HOST_NAME>

    RewriteEngine On

    RewriteRule  "^(.*)/config\.js$"
"<SERVER_PROTOCOL>://<HOST_NAME>:<PORT_2>/framework/js/configurations/
config-admin.js" [R]

    <Directory "${DocumentRoot}">

        Options FollowSymLinks

        AllowOverride all

    </Directory>

</VirtualHost>
```

**\*\*Note:** Replace the <PORT\_1> & <PORT\_2> with the ports which are expose to outside world. Replace <SERVER\_PROTOCOL> and <HOST\_NAME> with appropriate values. E.g. http and whfxxx.sample.com (if hostname is not available then <HOST\_NAME> value can be IP address.)

```
# All other request passed through this rules.
ProxyPassMatch "/digx(.*)" "http://whf00qiw.in.oracle.com:19001/digx$1"
ProxyPassReverse "/digx(.*)" "http://whf00qiw.in.oracle.com:19001/digx$1"
ProxyPassMatch "/saml2(.*)" "http://whf00qiw.in.oracle.com:19001/saml2$1"
ProxyPassReverse "/saml2(.*)" "http://whf00qiw.in.oracle.com:19001/saml2$1"

##Virtual Hosts
Listen 8888
<VirtualHost *:8888>
    ServerName whf00qiw.in.oracle.com
    RewriteEngine On
    RewriteOptions inherit

    <Directory "${DocumentRoot}">
        Options FollowSymLinks
        AllowOverride all
        #Require all granted
    </Directory>
</VirtualHost>

Listen 9999
<VirtualHost *:9999>
    ServerName whf00qiw.in.oracle.com
    RewriteEngine On
    RewriteRule "^(.*)/config\.js$" "http://whf00qiw.in.oracle.com:9999/framework/js/configurations/config-admin.js" [R]

    <Directory "${DocumentRoot}">
        Options FollowSymLinks
        AllowOverride all
        #Require all granted
    </Directory>
</VirtualHost>
```

4. Save obdx.conf file and restart ohs server.

## 3.5 Database Configuration

To enable SSO for external users below configuration need to be done in database.

1. To enable SSO authentication for user type / enterprise role execute below query on intended database environment. Replace <USER\_TYPE> with the user type / enterprise role for which SSO authentication to be enabled.

```
UPDATE DIGX_FW_CONFIG_ALL_B SET PROP_VALUE = 'External' WHERE PROP_ID =
'<USER_TYPE>' AND CATEGORY_ID = 'AuthenticationConfiguration';
```

For example: - UPDATE DIGX\_FW\_CONFIG\_ALL\_B SET PROP\_VALUE = 'External' WHERE PROP\_ID = 'administrator' AND CATEGORY\_ID = 'AuthenticationConfiguration';

2. Execute below query for redirection after authentication from SSO service provider back to OBDX. Replace the value of <OHS\_URL\_FOR\_ADMIN\_USER\_LOGIN> with the OHS\_URL with port enable for external / admin user login, the virtual host enabled in section 3.4, step 3.

```
INSERT INTO DIGX_FW_CONFIG_ALL_B (PROP_ID, CATEGORY_ID, PROP_VALUE,
FACTORY_SHIPPED_FLAG, PROP_COMMENTS, SUMMARY_TEXT, CREATED_BY,
CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, OBJECT_STATUS,
OBJECT_VERSION_NUMBER, EDITABLE, CATEGORY_DESCRIPTION) values
('SSO_PUBLIC_URL', 'dayoneconfig', '<OHS_URL_FOR_ADMIN_USER_LOGIN>', 'N', null,
'Public SSO URL', 'ofssuser', to_timestamp('29-09-22 10:05:56.000000000 AM', 'DD-MM-RR
fmHH12:fmMI:SSXFF AM'), 'ofssuser', to_timestamp('29-09-22 10:05:56.000000000 AM', 'DD-
MM-RR fmHH12:fmMI:SSXFF AM'), 'A', 1, 'N', null);
```

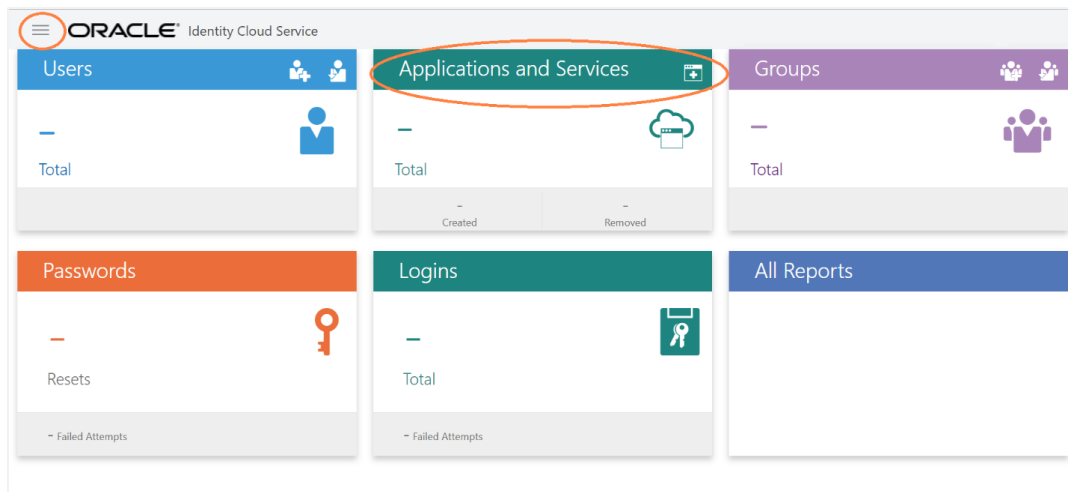
For Example: - INSERT INTO DIGX\_FW\_CONFIG\_ALL\_B (PROP\_ID, CATEGORY\_ID, PROP\_VALUE, FACTORY\_SHIPPED\_FLAG, PROP\_COMMENTS, SUMMARY\_TEXT, CREATED\_BY, CREATION\_DATE, LAST\_UPDATED\_BY, LAST\_UPDATED\_DATE, OBJECT\_STATUS, OBJECT\_VERSION\_NUMBER, EDITABLE, CATEGORY\_DESCRIPTION) values ('SSO\_PUBLIC\_URL', 'dayoneconfig', 'http:// whf000xxx.bank.com:9999', 'N', null, 'Public SSO URL', 'ofssuser', to\_timestamp('29-09-22 10:05:56.000000000 AM', 'DD-MM-RR fmHH12:fmMI:SSXFF AM'), 'ofssuser', to\_timestamp('29-09-22 10:05:56.000000000 AM', 'DD-MM-RR fmHH12:fmMI:SSXFF AM'), 'A', 1, 'N', null);

### 3.6 IDCS OAuth Integration

To fetch the user information from external SSO provider, application need to be registered as a client in IDCS. Below steps providers details on registering the application in IDCS.

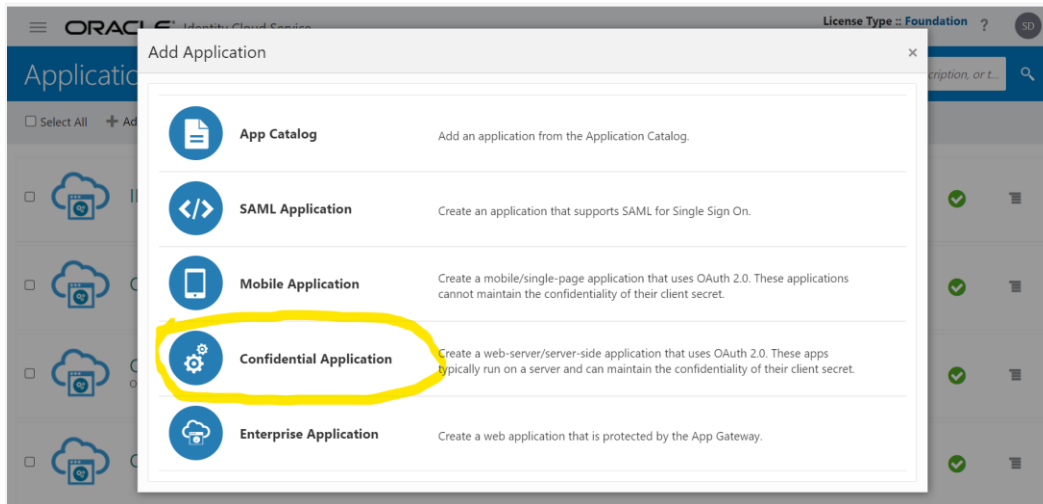
1. Login to Oracle Identity Cloud Service (IDCS) console with admin login. In dashboard click on Add Application in Application and Services widget or navigate through the breadcrumb menu as highlighted in screenshot.

#### Dashboard



2. In popup window select **Confidential Application**.

### Add Application



3. In **Add Confidential Application** page provide below mentioned fields and click on **Next**.
  - i. Name
  - ii. Description

### Add Confidential Application

The screenshot shows the 'Add Confidential Application' page in the Oracle Identity Cloud Service interface. The page has a progress bar at the top with five steps: Details, Client, Resources, Web Tier Policy, and Authorization. The 'Details' step is currently active. Below the progress bar, there are input fields for 'Name' and 'Description'. The 'Name' field contains 'OBDX\_OAUTH\_CONFIG' and the 'Description' field contains 'OAuth Configuration for fetching user details from IDCS'. There is also an 'Application Icon' section with a cloud icon and an 'Upload' button.

4. Select Configure this application as a client now option in screen as shown in below screenshot.

## Add Confidential Application

**Add Confidential Application**

Progress: 1. Details (checked) → 2. Client (active) → 3. Resources → 4. Web Tier Policy → 5. Authorization

☒ Configure this application as a client now ☐ Skip for later

**Authorization**

Allowed Grant Types: ☐ Resource Owner ☐ Client Credentials ☐ JWT Assertion ☐ SAML2 Assertion ☐ Refresh Token ☐ Authorization Code ☐ Implicit

☐ Device Code

☐ TLS Client Authentication

Allow non-HTTPS URLs ☐

Redirect URL:

Logout URL:

Post Logout Redirect URL:

Security: ☐ Trusted Client Certificate

5. Fill below mentioned fields as per section.

i. Authorization

a. Allowed Grant Types:- Select checkbox as “Client Credentials” and “JWT Assertion”

## Add Confidential Application

**Add Confidential Application**

Progress: 1. Details (checked) → 2. Client (active) → 3. Resources → 4. Web Tier Policy → 5. Authorization

☒ Configure this application as a client now ☐ Skip for later

**Authorization**

Allowed Grant Types: ☐ Resource Owner ☒ Client Credentials ☒ JWT Assertion ☐ SAML2 Assertion ☐ Refresh Token ☐ Authorization Code ☐ Implicit

☐ Device Code

☐ TLS Client Authentication

Allow non-HTTPS URLs ☐

Redirect URL:

Logout URL:

Post Logout Redirect URL:

Security: ☐ Trusted Client Certificate

Allowed Operations: ☐ Introspect ☐ On behalf Of

ID Token Encryption Algorithm:

ii. Token Issuance Policy

a. Authorized Resources :- Select value as “Specific”

b. Grant the client access to Identity Cloud Service Admin APIs: - Click on **Add** button



## Add Confidential Application

Token Issuance Policy ⓘ

Authorized Resources: ☐ All, ☐ Tagged, ☒ Specific

Resources

+ Add Scope

Resource	Protected	Scope
No data to display.		

Grant the client access to Identity Cloud Service Admin APIs

+ Add

App Roles	Protected
No data to display.	

- c. In popup window search for “**Identity Domain Administrator**” and click on **Add**.

## Add App Role

Add App Role

Select All ☒ identity X

Selected: 1 Clear Selection

<input checked="" type="checkbox"/>	Identity Domain Administrator
-------------------------------------	-------------------------------

Page 1 of 1 (1 of 1 items) < 1 >

Add

- d. Verify a row added in table for **App Roles** as shown like below screenshot

## Add Confidential Application

Token Issuance Policy ⓘ

Authorized Resources  
☐ All  
☐ Tagged  
☒ Specific

Resources

+ Add Scope

Resource	Protected	Scope
No data to display.		

Grant the client access to Identity Cloud Service Admin APIs

+ Add

App Roles	Protected	
Identity Domain Administrator	No	×

e. Click on **Next** button on top.

iii. Expose APIs to Other Applications: - Select “**Skip for later**” and click on **Next**.

## Add Confidential Application

Add Confidential Application

< Back

Details Client Resources Web Tier Policy Authorization

Expose APIs to Other Applications

Specify the APIs that need to be protected.

☐ Configure this application as a resource server now ☒ Skip for later

No Resources are protected by OAuth

Next >

iv. Web Tier Policy: - Select “Skip for later” and click on Next button.

## Add Confidential Application

Add Confidential Application

< Back

Details Client Resources Web Tier Policy Authorization

Web Tier Policy

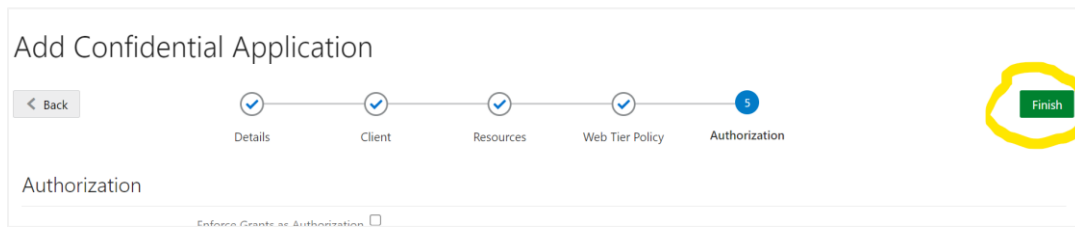
Use this page to configure, edit, and validate a web tier policy. Additionally, you can import and export existing policies.

☐ Configure Web Tier Policy for this application ☒ Skip for later

Next >

v. Click on “Finish”

## Add Confidential Application



Add Confidential Application

< Back

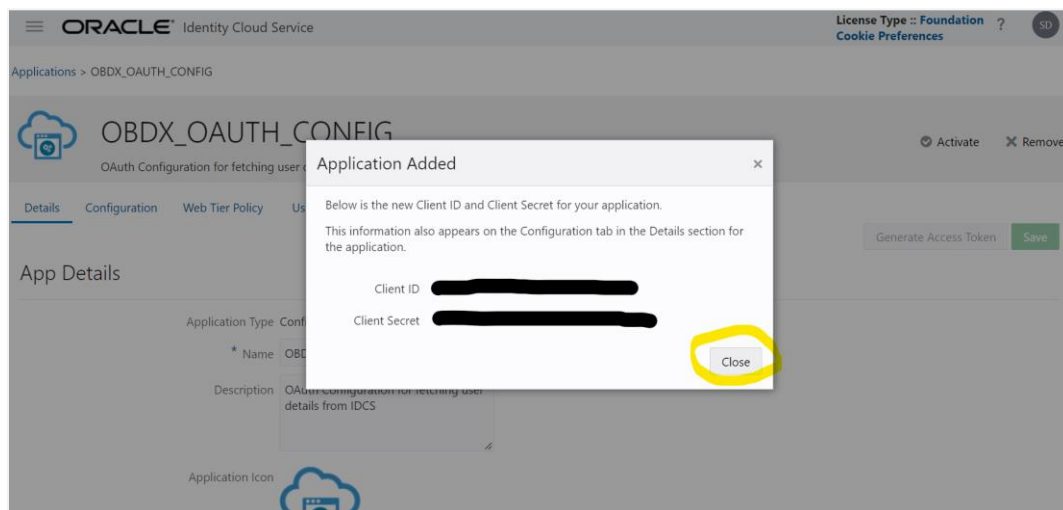
Details Client Resources Web Tier Policy Authorization 5

Authorization

Enforce Grants as Authorization ☐

6. After finish click a popup window will open with “Client ID” and “Client Secret” as shown in below screenshot. Copy the Client Id and Client Secret to text file to keep it handy as it will be required in further steps. Once copied click on “Close”.

## Add Confidential Application



ORACLE Identity Cloud Service

License Type :: Foundation ?

Cookie Preferences

Applications > OBDX\_OAUTH\_CONFIG

OBDX\_OAUTH\_CONFIG

OAuth Configuration for fetching user details from IDCS

Activate Remove

Generate Access Token Save

App Details

Application Type: Confidential Application

\* Name: OBDX\_OAUTH\_CONFIG

Description: OAuth Configuration for fetching user details from IDCS

Application Icon

Application Added

Below is the new Client ID and Client Secret for your application.  
This information also appears on the Configuration tab in the Details section for the application.

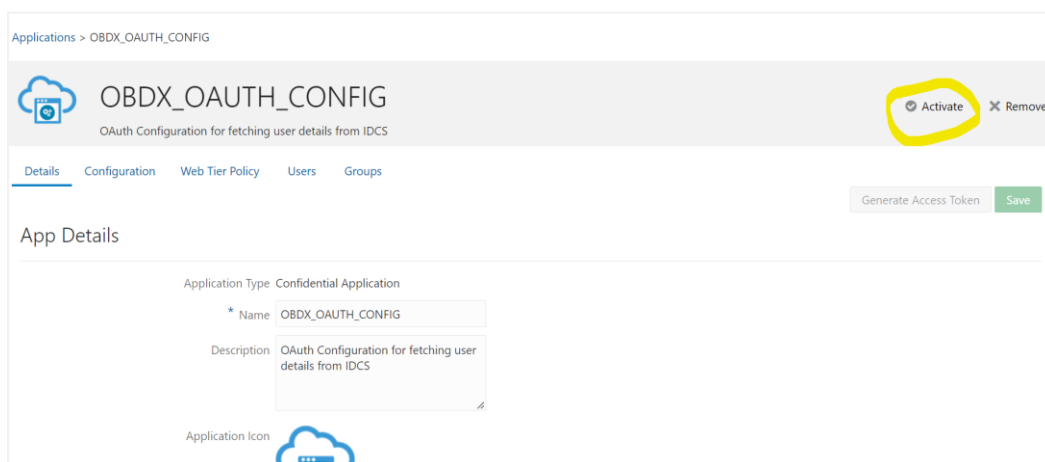
Client ID [REDACTED]

Client Secret [REDACTED]

Close

7. Click on “Activate” button to activate the application.

## Edit Application



Applications > OBDX\_OAUTH\_CONFIG

OBDX\_OAUTH\_CONFIG

OAuth Configuration for fetching user details from IDCS

Activate Remove

Generate Access Token Save

App Details

Application Type: Confidential Application

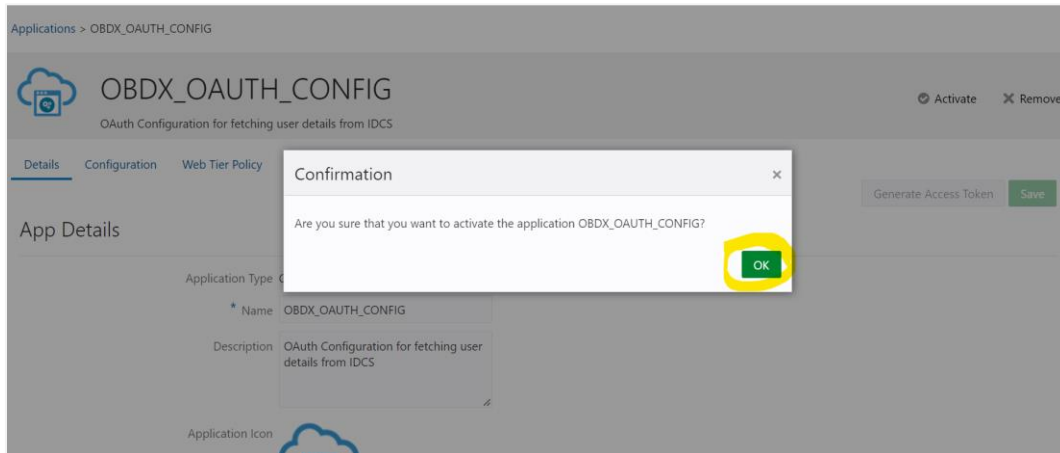
\* Name: OBDX\_OAUTH\_CONFIG

Description: OAuth Configuration for fetching user details from IDCS

Application Icon

8. Popup window asking confirmation to activate the application will open, click on “Ok” to activate the application.

## Edit Application



9. Logout from IDCS console.

## 3.7 WebLogic configuration for OAuth

To enable OAuth support on WebLogic server follow below mentioned steps.

1. Login to WebLogic console with admin login and navigate to “Domain Structure” → “Deployments”.
2. Click on “com.ofss.digx.connector”

## Deployments

Name	State	Health	Type	Targets	Deployment Order
com.ofss.digx.connector	Active	OK	Resource Adapter	obdx_server1	0
digx-admin	Active	OK	Web Application	obdx_cluster	100
digx-auth	Active	OK	Web Application	obdx_cluster	100
digx-cms	Active	OK	Web Application	obdx_server1	100
digx-coherence	Active	OK	Web Application	obdx_cluster	0
digx-common	Active	OK	Web Application	obdx_server1	100
digx-corporatebelaan	Active	OK	Web Application	obdx_server1	100
digx-creditfacility	Active	OK	Web Application	obdx_server1	100
digx-edx	Active	OK	Web Application	obdx_server1	100
digx-eurekaserver	Active	OK	Web Application	obdx_server1	100

3. Navigate to “Configuration” → “Outbound Connection Pools” tab and click on New.

## Outbound Connection Pools Configuration

The screenshot shows the 'Settings for com.offss.digx.connector' page. The 'Configuration' tab is selected, and the 'Outbound Connection Pools' sub-tab is highlighted. Below the sub-tabs, a table titled 'Outbound Connection Pool Configuration Table' is displayed. The table has two columns: 'Groups and Instances' and 'Connection Factory Interface'. A single entry is listed: 'javax.resource.cci.ConnectionFactory' under the 'Groups and Instances' column, and 'javax.resource.cci.ConnectionFactory' under the 'Connection Factory Interface' column. The 'New' button in the table's toolbar is highlighted with a yellow circle.

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

trunk\_dom\_rep1\_domain

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

How do I...

- Configure outbound connection pool properties

System Status

Health of Running Servers as of 6:26 AM

Called (0)

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_rep1\_domain

Home > Summary of Deployments > com.offss.digx.connector

Settings for com.offss.digx.connector

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

General Properties **Outbound Connection Pools** Admin Objects Workload Instrumentation

This page displays a table of outbound connection pool groups and instances for this resource adapter. The top level entries in the table represent outbound connection pool groups. Groups are listed by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a connection pool instance within an outbound connection pool group. Click the name of a group or instance to configure it. Automatically generated connection pools are not displayed in the table below.

Outbound Connection Pool Configuration Table

New Delete

Showing 1 to 1 of 1 Previous Next

Groups and Instances	Connection Factory Interface
javax.resource.cci.ConnectionFactory	javax.resource.cci.ConnectionFactory

New Delete

Showing 1 to 1 of 1 Previous Next

4. Select "javax.resource.cci.ConnectionFactory" and click on Next.

## Outbound Connection Groups Configuration

The screenshot shows the 'Create a New Outbound Connection' page. The 'Next' button in the navigation bar is highlighted with a yellow circle. Below the navigation bar, the 'Outbound Connection Group' section is displayed. It asks 'In which outbound connection group do you want to create an instance?'. A table titled 'Outbound Connection Groups' is shown with one entry: 'javax.resource.cci.ConnectionFactory'. The 'Outbound Connection Group' column is highlighted with a yellow circle. The 'Next' button in the table's toolbar is also highlighted with a yellow circle.

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

trunk\_dom\_rep1\_domain

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

How do I...

- Configure outbound connection pool properties

System Status

Health of Running Servers as of 6:26 AM

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_rep1\_domain

Home > Summary of Deployments > com.offss.digx.connector

Create a New Outbound Connection

Back **Next** Finish Cancel

Outbound Connection Group

In which outbound connection group do you want to create an instance?

Outbound Connection Groups

Showing 1 to 1 of 1 Previous Next

Outbound Connection Group
javax.resource.cci.ConnectionFactory

Showing 1 to 1 of 1 Previous Next

Back Next Finish Cancel

5. Enter JNDI name as ra/DIGXConnectorSSOKEY and click on Finish.

## JNDI Configuration for Outbound Connection

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

trunk\_dom\_rep1\_domain

Environment

Deployments

Services

Security Realms

Interoperability

Diagnostics

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_rep1\_domain

Create a New Outbound Connection

Back Next Finish Cancel

JNDI name for Outbound Connection Instance

Enter the JNDI name that you want to use to obtain the new connection instance

\* Indicates required fields

The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.

\* JNDI Name: ra/DIGXConnectorSSOKEY

Back Next Finish Cancel

6. Again navigate to “Domain Structure” → “Deployments”.
7. Click on “com.ofss.digx.connector”.

## Deployments

delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

trunk\_dom\_rep1\_domain

Environment

Deployments

Services

Security Realms

Interoperability

Diagnostics

How do I...

- Install an enterprise application
- Configure an enterprise application
- Update (redeploy) an enterprise application
- Monitor the modules of an enterprise application
- Deploy EJB modules
- Install a Web application

System Status

Health of Running Servers as of 6:22 AM

Failed (0)

Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.

You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

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

Customize this table

Install Update Delete

Showing 1 to 24 of 24 Previous Next

<input type="checkbox"/>	Name	State	Health	Type	Targets	Deployment Order
<input type="checkbox"/>	com.ofss.digx.connector	Active	OK	Resource Adapter	obdx_server1	0
<input type="checkbox"/>	digx-admin	Active	OK	Web Application	obdx_cluster	100
<input type="checkbox"/>	digx-auth	Active	OK	Web Application	obdx_cluster	100
<input type="checkbox"/>	digx-cms	Active	OK	Web Application	obdx_server1	100
<input type="checkbox"/>	digx-coherence	Active	OK	Web Application	obdx_cluster	0
<input type="checkbox"/>	digx-common	Active	OK	Web Application	obdx_server1	100
<input type="checkbox"/>	digx-corporateloan	Active	OK	Web Application	obdx_server1	100
<input type="checkbox"/>	digx-creditfacility	Active	OK	Web Application	obdx_server1	100
<input type="checkbox"/>	digx-edx	Active	OK	Web Application	obdx_server1	100
<input type="checkbox"/>	digx-eureka-server	Active	OK	Web Application	obdx_server1	100

8. Navigate to “Security” → “Outbound Credentials Mapping” tab and click on New.

## Outbound Credentials Mappings

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

- trunk\_dom\_repl\_domain
  - Environment
  - Deployments
  - Services
  - Security Realms
  - Interoperability
  - Diagnostics

How do I...

- Create outbound credential mappings
- Delete outbound credential mappings

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_repl\_domain

Home > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Roles

Settings for com.ofss.digx.connector

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

Roles Policies **Outbound Credential Mappings** Inbound Principal Mappings Principals

Outbound credential mappings let you map WebLogic Server usernames to usernames in the Enterprise Information System (EIS) to which you want to connect using a resource adapter. You can use default outbound credential mappings for all outbound connection pools in the resource adapter, or specify particular outbound credential mappings for individual connection pools. This page contains the table of outbound credential mappings for this resource adapter.

Customize this table

Outbound Credential Mappings

New Delete Showing 0 to 0 of 0 Previous Next

WLS User	EIS User	Outbound Connection Pool
There are no items to display		

New Delete Showing 0 to 0 of 0 Previous Next

9. Select "ra/DIGXConnectorSSOKEY" by navigating using next button. Once selected as shown in below screenshot, click on Next.

## Create New Security Credentials Mappings

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

- trunk\_dom\_repl\_domain
  - Environment
  - Deployments
  - Services
  - Security Realms
  - Interoperability
  - Diagnostics

How do I...

- Create outbound credential mappings

System Status

Health of Running Servers as of 6:37 AM

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_repl\_domain

Home > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Roles

Messages

Selecting a pool is required.

Create a New Security Credential Mapping

Back Next Finish Cancel

Outbound Connection Pool

Which Outbound Connection Pool would you like the credential map to be associated with? Selecting Resource Adapter Default will configure the credential mapping for all Outbound Connection Pools in this resource adapter. Each Outbound Connection Pool can then configure themselves to override these credentials.

Customize this table

Create a New Security Credential Map Entry for:

Showing 21 to 26 of 26 Previous Next

<input type="checkbox"/>	Outbound Connection Pool
<input type="checkbox"/>	ra/DIGXConnectorORSCP
<input type="checkbox"/>	ra/DIGXConnectorOBTPM_14.3
<input type="checkbox"/>	ra/DIGXConnectorOBVAM
<input type="checkbox"/>	ra/DIGXConnectorREWARDS
<input checked="" type="checkbox"/>	ra/DIGXConnectorSSOKEY
<input type="checkbox"/>	Resource Adapter Default

Showing 21 to 26 of 26 Previous Next

Back Next Finish Cancel

10. Select "Default User" and click on Next.

## Create New Security Credentials Mappings

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

- trunk\_dom\_repl\_domain
  - Environment
  - Deployments
  - Services
  - Security Realms
  - Interoperability
  - Diagnostics

How do I...

- Create outbound credential mappings

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: trunk\_dom\_repl\_domain

Home > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Roles

Create a New Security Credential Mapping

Back Next Finish Cancel

WebLogic Server User

Select the WebLogic Server user that you would like to map an EIS user to. Selecting 'User for creating initial connections' will configure the user that will be used for creating the initial connections when the resource adapter is first started. Selecting 'Default User' will configure the user that will be used as the default for any authenticated WebLogic Server user that does not have a credential mapping specifically for them. Selecting 'User for unauthenticated user' will configure the user that will be used for an unauthenticated WebLogic Server user. If you select 'Configured User' you must type in the WebLogic Server user that you are configuring. This user must be a configured WebLogic Server user.

User for creating initial connections

☒ Default User

☐ Unauthenticated WLS User

☐ Configured User Name

WebLogic Server User Name:

Back Next Finish Cancel

11. Provide the below mentioned field values as given below.

- i. EIS User Name: - Client ID save in txt file generated from IDCS in section 3.5, step 6.
- ii. EIS Password: - Client Secret save in txt file generated from IDCS in section 3.5, step 6.
- iii. EIS User Name: - Client Secret save in txt file generated from IDCS section 3.5, step 6.

### Configure EIS UIS Username / Password

The screenshot shows the Oracle WebLogic Server Administration Console. The main window displays the 'Create a New Security Credential Mapping' wizard. The 'EIS User Name and Password' step is highlighted with a yellow circle. The 'EIS User Name' field contains 'XXXXXXXXXXXXXXXXXX' and the 'EIS Password' field contains 'XXXXXXXXXXXXXXXXXXXX'. The 'Confirm Password' field is also visible. The left sidebar shows the 'Domain Structure' tree with 'trunk\_dom\_rep1\_domain' selected. The top navigation bar shows 'Home > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Summary of Deployments > com.ofss.digx.connector > Roles'.

12. Click on Finish to save the configuration.

## 3.8 OBDX configuration for OAuth

To enable IDCS out of the box support for OAuth, execute the below query.

**update DIGX\_FW\_CONFIG\_ALL\_B set prop\_value = <SSO\_PROVIDER\_URL> where prop\_id = 'SSO\_PROVIDER\_URL';**

Replace <SSO\_PROVIDER\_URL> with respective SSO provider URL.

Restart all the managed servers.

For configuring any other service provider, a custom class needs to be written which implements com.ofss.digx.app.sms.service.user.external.IExternalUser interface.

The entry for the new custom class has to be made in database using the below script -

**update DIGX\_FW\_CONFIG\_ALL\_B set prop\_value = <SSO\_PROVIDER\_CLASS> where prop\_id = 'SSO\_PROVIDER\_CLASS';**

Replace <SSO\_PROVIDER\_CLASS> with the fully qualified name of the new custom class.

Also below queries need to be executed as well if there are any changes in the configuration-



```
update DIGX_FW_CONFIG_ALL_B set prop_value = <SSO_PROVIDER_TOKEN_SCOPE>  
where prop_id = 'SSO_PROVIDER_TOKEN_SCOPE';
```

```
update DIGX_FW_CONFIG_ALL_B set prop_value = <SSO_PROVIDER_TOKEN_URI>  
where prop_id = 'SSO_PROVIDER_TOKEN_URI';
```

```
update DIGX_FW_CONFIG_ALL_B set prop_value = <SSO_PROVIDER_URL> where  
prop_id = 'SSO_PROVIDER_URL';
```

```
update DIGX_FW_CONFIG_ALL_B set prop_value = <SSO_PROVIDER_USER_READ_URI>  
where prop_id = 'SSO_PROVIDER_USER_READ_URI';
```

Restart all the servers in domain.

### **3.9 Default Admin Configuration**

OBDX installer comes pre-shipped admin user with name “superadmin”,so in order to login into the OBDX application for completing Day 1 maintenances the same user need to be created in SSO Provider with same name post SSO integration.

### 3.10 **Logout Configurations**

Below query needs to be executed as part of the logout configurations.

```
Insert into DIGX_FW_CONFIG_ALL_B
(PROP_ID,CATEGORY_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,S
UMMARY_TEXT,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_D
ATE,OBJECT_STATUS,OBJECT_VERSION_NUMBER,EDITABLE,CATEGORY_DESCRIPTOR
N)
values ('SSO_LOGOUT_URL','dayoneconfig','<LOGOUT_URL>','Y',null,'SSO logout
Url','ofssuser',sysdate,'ofssuser',sysdate,'A',1,'N',null);
```

Replace <LOGOUT\_URL> with respective url.