

# **Oracle Banking Digital Experience**

**Web Service Username Token Configuration Guide  
Release 19.1.0.0.0**

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**ORACLE®**

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

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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>.

## 1.3 Access to OFSS Support

Oracle customers 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 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 describes following details:

- Prerequisite
- UI Deployment
- Configuration / Installation

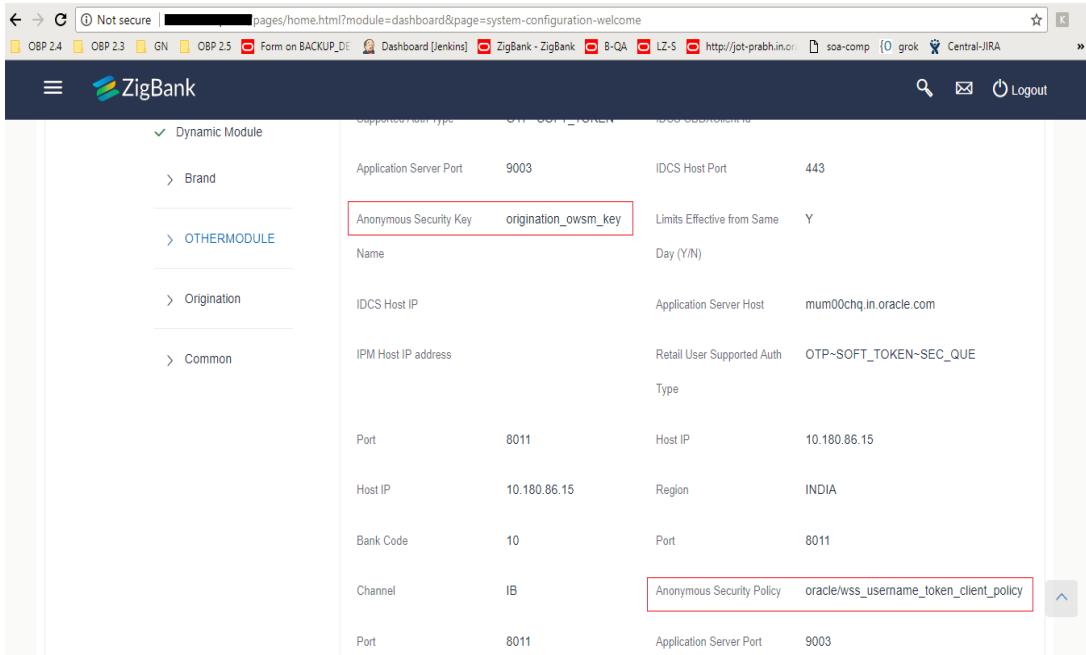
## 1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 19.1.0.0.0, refer to the following documents:

- Oracle Banking Digital Experience Licensing Guide
- Oracle Banking Digital Experience Security Guide

## 2. Anonymous User Configuration

- Insert/Update security policy to be used in the field **in Anonymous Security Policy** at Day1 (defaulted to “oracle/wss\_username\_token\_client\_policy”)



The screenshot shows a web-based configuration interface for the ZigBank system. The page title is 'ZigBank' and the sub-page is 'System Configuration Welcome'. The configuration table has several rows and columns. The 'Anonymous Security Policy' field is highlighted with a red border. The table structure is as follows:

Dynamic Module		Supported Auth Types	
> Brand		Application Server Port	9003
> OTHERMODULE		IDCS Host Port	443
> Origination		Anonymous Security Key	origination_owsm_key
> Common		Name	Limits Effective from Same Day (Y/N)
		IDCS Host IP	Application Server Host
		IPM Host IP address	Retail User Supported Auth
		Type	OTP~SOFT_TOKEN~SEC_QUESTION
		Port	Host IP
		8011	10.180.86.15
		Host IP	Region
		10.180.86.15	INDIA
		Bank Code	Port
		10	8011
		Channel	Anonymous Security Policy
		IB	oracle/wss_username_token_client_policy
		Port	Application Server Port
		8011	9003

- Insert/Update security policy key to be used in the field **in Anonymous Security Key** at Day1 (defaulted to “origination\_owsm\_key”)
- Name should match with credential key stored inside the credential store repository.
- Create a map named “**oracle.wsm.security**” in credential store provider.

## Anonymous User Configuration

Summary of Servers - OBDX182\_OBPBASE (Ora... Close

① [mumaa012.in.oracle.com:31001/em/faces/as-weblogic-webLogicDomainHome?type=weblogic\\_domain&target=/Domain\\_OBDX182\\_OBPBASE/OBDX182\\_OBP...](http://mumaa012.in.oracle.com:31001/em/faces/as-weblogic-webLogicDomainHome?type=weblogic_domain&target=/Domain_OBDX182_OBPBASE/OBDX182_OBP...) Open Star

Apps 12.0.3 Bug Jira OBDX 16.2 17.1 Ksppp Origination 17.1 Central JIRA 17.2 ITR OBP 17.2 ITR Admin 17.2 Ksppp 17.3 UBS 17.3 Origination 18.1.0 18.2

**ORACLE® Enterprise Manager** Fusion Middleware Control 12c

WebLogic Domain WebLogic Domain weblogic

Jun 27, 2018 11:43:41 AM UTC

**OBDX182\_OBPBASE** WebLogic Domain

**Info** Home Monitoring Diagnostics Control Logs Environment Deployments JDBC Data Sources Messaging Cross Component Wiring Web Services Other Services Administration Refresh WebLogic Domain Security JNDI Browser System MBean Browser

**On Server**

Name AdminServer

Security Realms le.com

Security Administration

Web Service Security

Application Policies

Application Roles

System Policies

Security Provider Configuration

Audit Registration and Policy

Credentials

Keystore

Cluster Machine State Health Listen Port CPU Usage (%)

		Running	OK	31001	Unavailable	Unavailable
	idx_cluster	Host1	Running	31003	0.07	2,30

Columns Hidden 34

Servers 2 of 2

Summary of Servers - OBDX182\_OBPBASE (Ora... Close

① [mumaa012.in.oracle.com:31001/em/faces/as/security/credentialStoreHome?type=weblogic\\_domain&target=%2FDomain\\_OBDX182\\_OBPBASE%2FOBDX182\\_OBP...](http://mumaa012.in.oracle.com:31001/em/faces/as/security/credentialStoreHome?type=weblogic_domain&target=%2FDomain_OBDX182_OBPBASE%2FOBDX182_OBP...) Open Star

Apps 12.0.3 Bug Jira OBDX 16.2 17.1 Ksppp Origination 17.1 Central JIRA 17.2 ITR OBP 17.2 ITR Admin 17.2 Ksppp 17.3 UBS 17.3 Origination 18.1.0 18.2

**ORACLE® Enterprise Manager** Fusion Middleware Control 12c

WebLogic Domain WebLogic Domain weblogic

Jun 27, 2018 11:50:38 AM UTC

**OBDX182\_OBPBASE** WebLogic Domain

**Credentials**

A credential store is the repository of security data that certifies the authority of entities used by Java SE, Java EE, and ADF applications. Applications can use the Credential Store, a single, consolidated service provider to store and manage their credentials securely.

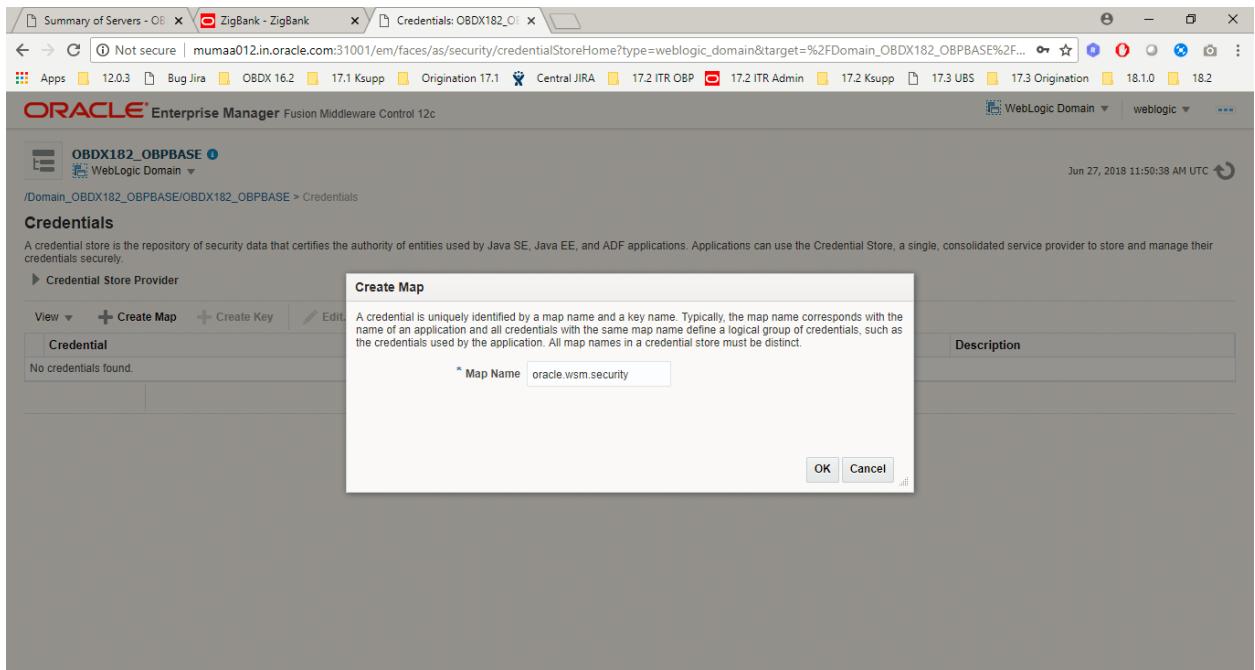
► **Credential Store Provider**

View + Create Map Create Key Edit... Delete... Credential Key Name Detach

Credential	Type	Description
Create a new map		

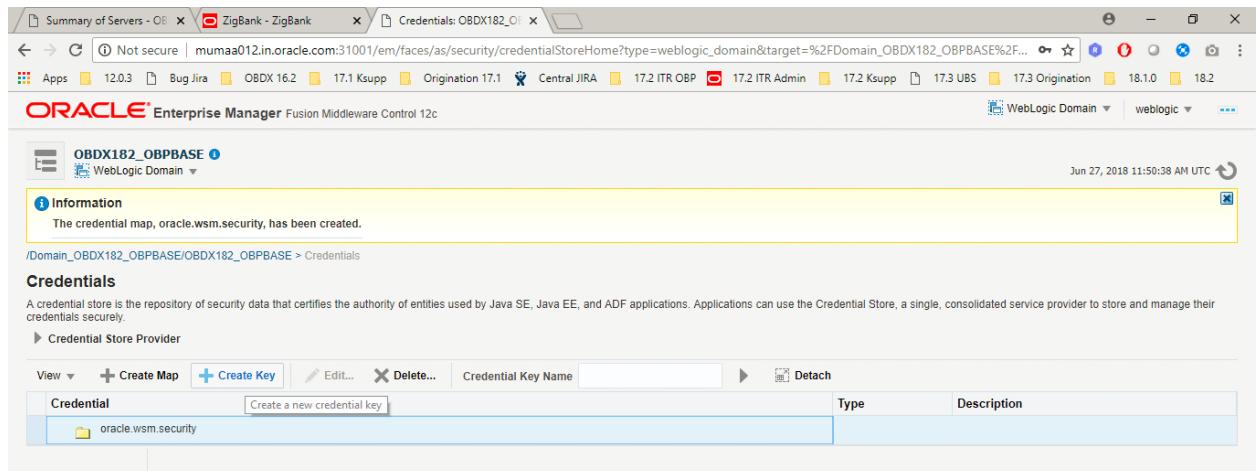
No credentials found.

## Anonymous User Configuration

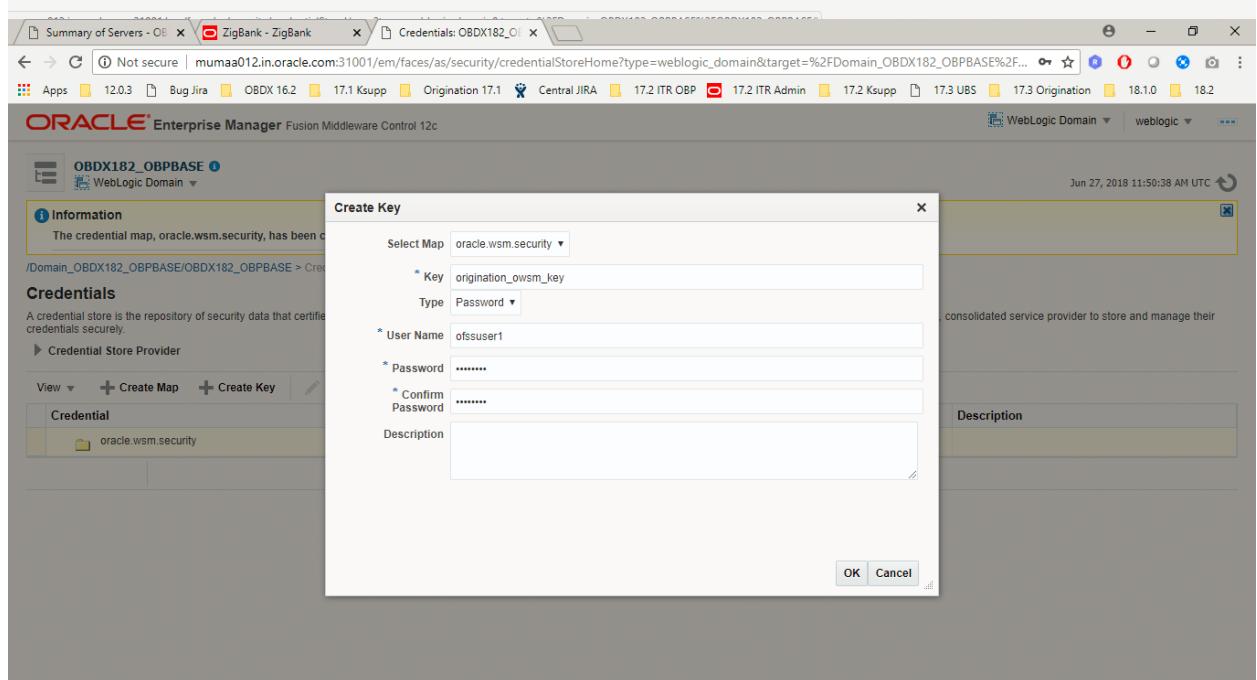


- Create credential key and provide username & password which will be used for authentication and authorization at OBP.

## Anonymous User Configuration



The screenshot shows the Oracle Enterprise Manager Fusion Middleware Control 12c interface. The title bar indicates the domain is 'OBDX182\_OBPBASE'. The main content area shows an 'Information' message: 'The credential map, oracle.wsm.security, has been created.' Below this, the 'Credentials' section is visible, showing a table with one row: 'oracle.wsm.security'. The table has columns for 'Type' and 'Description'.



The screenshot shows the Oracle Enterprise Manager Fusion Middleware Control 12c interface with a 'Create Key' dialog box overlaid. The dialog box is titled 'Create Key' and contains the following fields:

Field	Value
Select Map	oracle.wsm.security
Key	origination_owsm_key
Type	Password
User Name	ofoouser1
Password	.....
Confirm Password	.....
Description	(empty)

At the bottom of the dialog box are 'OK' and 'Cancel' buttons.

[Home](#)

### 3. Logged-In User Configuration

- Insert a credentials entry for the connector.

```
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 ('OBP_RA_JNDIKEY', 'CredentialConnector', 'ra/DIGXConnectorOBP', 'N', 'RA Connector for OBP', 'RA Connector for OBP', 'ofssuser', sysdate, 'ofssuser', sysdate, 'Y', 1, 'N', '1');
```

- Update the connector name for the logged-in user.

```
update          DIGX_FW_CONFIG_OUT_WS_CFG_B          set
HTTP_BASIC_AUTH_CONNECTOR='OBP'          where
SECURITY_POLICY='oracle/wss10_saml_token_client_policy';
```

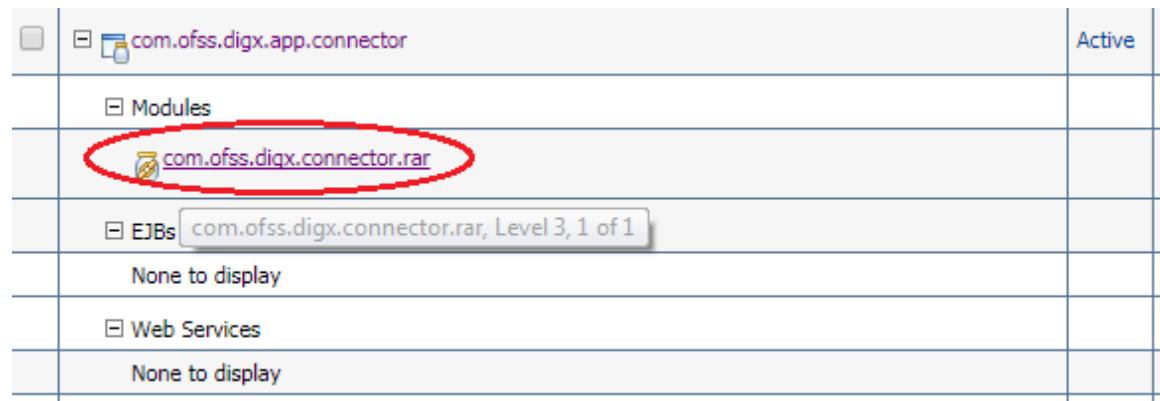
- Update security policy of logged-in user from saml token to user token policy

```
update          DIGX_FW_CONFIG_OUT_WS_CFG_B          set
SECURITY_POLICY='oracle/wss_username_token_client_policy'          where
SECURITY_POLICY='oracle/wss10_saml_token_client_policy';
```

- Create a new “Outbound Credentials Mapping” in the connector (com.ofss.digx.app.connector.ear) and create a default user (use user id and credentials as provided by OBP team) for the mapping in the security tab. Managed server restart is required after these changes.
- Login into Weblogic console.
- Click on **Deployments**.
- Expand by clicking ‘+’ icon present in front of **com.ofss.digx.app.connector application** as shown below.



- Click **com.ofss.digx.connector.rar** as shown below.



- Click On “configuration” tab as shown in figure.

ORACLE WebLogic Server Administration Console 12c

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

OBDX182\_OBPBASE

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

How do I... Configure outbound connection pool properties

System Status

Health of Running Servers as of 10:54 AM

- Failed (0)
- Critical (0)
- Overloaded (0)

Settings for com.ofss.digx.connector.rar

Overview Configuration Security Control Testing Monitoring

General Properties Outbound Connection Pools Admin Objects Workload

Outbound Connection Pool Configuration Table

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

- Click on “New” button and select connection factory. Refer Screenshot.

Create a New Outbound

OBDX182\_OBPBASE1 (O)

ORACLE WebLogic Server Administration Console 12c

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

OBDX182\_OBPBASE

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

How do I... Configure outbound connection pool properties

System Status

Health of Running Servers as of 10:55 AM

- Failed (0)
- Critical (0)
- Overloaded (0)

Create a New Outbound Connection

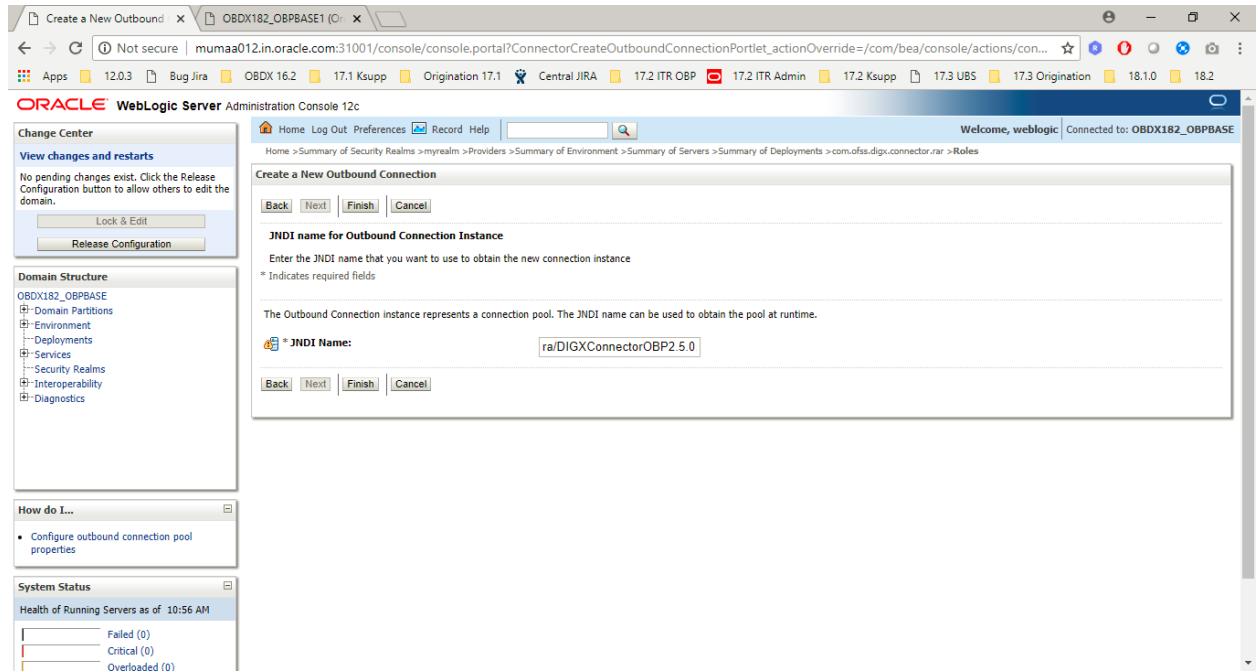
Outbound Connection Group

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

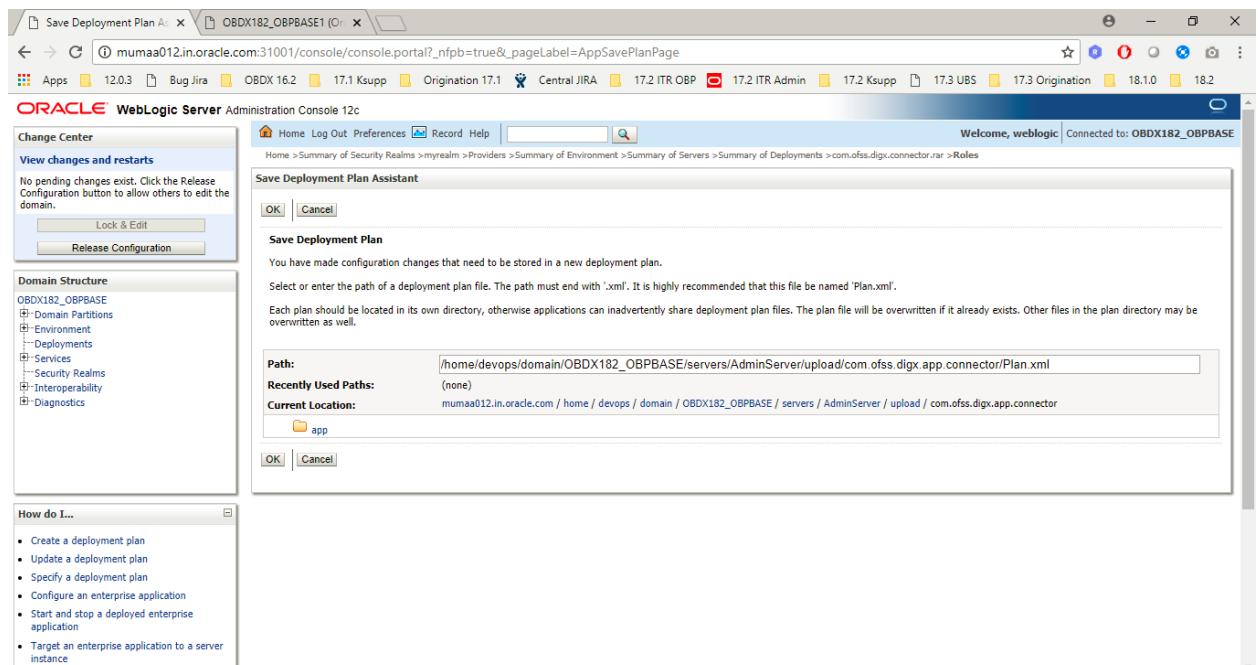
Outbound Connection Groups

Outbound Connection Group
javax.resource.cci.ConnectionFactory

- Provide JNDI name as inserted in previous scripts. In this case name will be “ra/DIGXConnectorOBP”. After providing the name and Click on “Next”.



- Click on “Ok” to confirm.



- Click on Activate changes.

## Anonymous User Configuration

ORACLE WebLogic Server Administration Console 12c

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

Domain Structure

OBDX182\_OBPBASE

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

How do I...

- Install an enterprise application
- Start and stop a resource adapter

System Status

Health of Running Servers as of 10:57 AM

Failed (0)
Critical (0)
Overloaded (0)

Settings for com.ofss.digx.connector.rar

Overview Configuration Security Control Testing Monitoring

This page displays basic information about this resource adapter.

**Name:** com.ofss.digx.connector.rar The name of this application deployment. [More Info...](#)

**Source Path:** servers/AdminServer/upload/com.ofss.digx.app.connector/app/com.ofss.digx.app.connector.ear The path to the source of the deployable unit on the Administration Server. [More Info...](#)

ORACLE WebLogic Server Administration Console 12c

Change Center

View changes and restarts

Click the **Lock & Edit** button to modify, add or delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

OBDX182\_OBPBASE

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

How do I...

- Install an enterprise application
- Start and stop a resource adapter

System Status

Health of Running Servers as of 10:57 AM

Failed (0)
Critical (0)
Overloaded (0)

Settings for com.ofss.digx.connector.rar

Overview Configuration Security Control Testing Monitoring

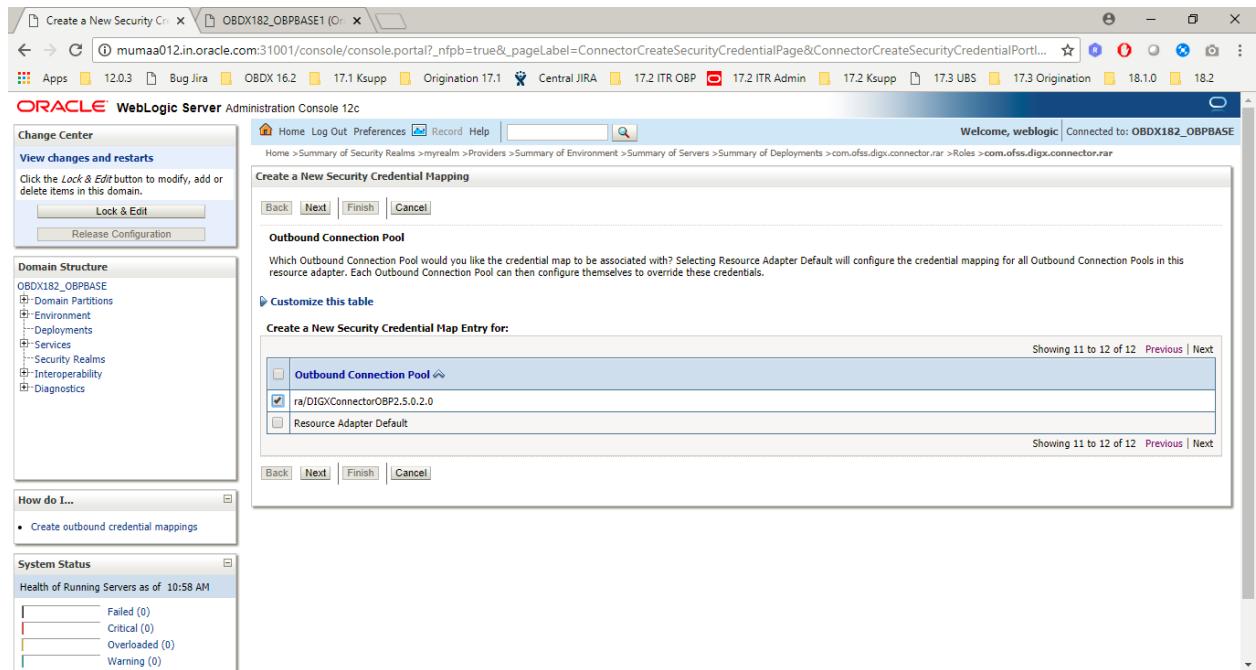
This page displays basic information about this resource adapter.

**Name:** com.ofss.digx.connector.rar The name of this application deployment. [More Info...](#)

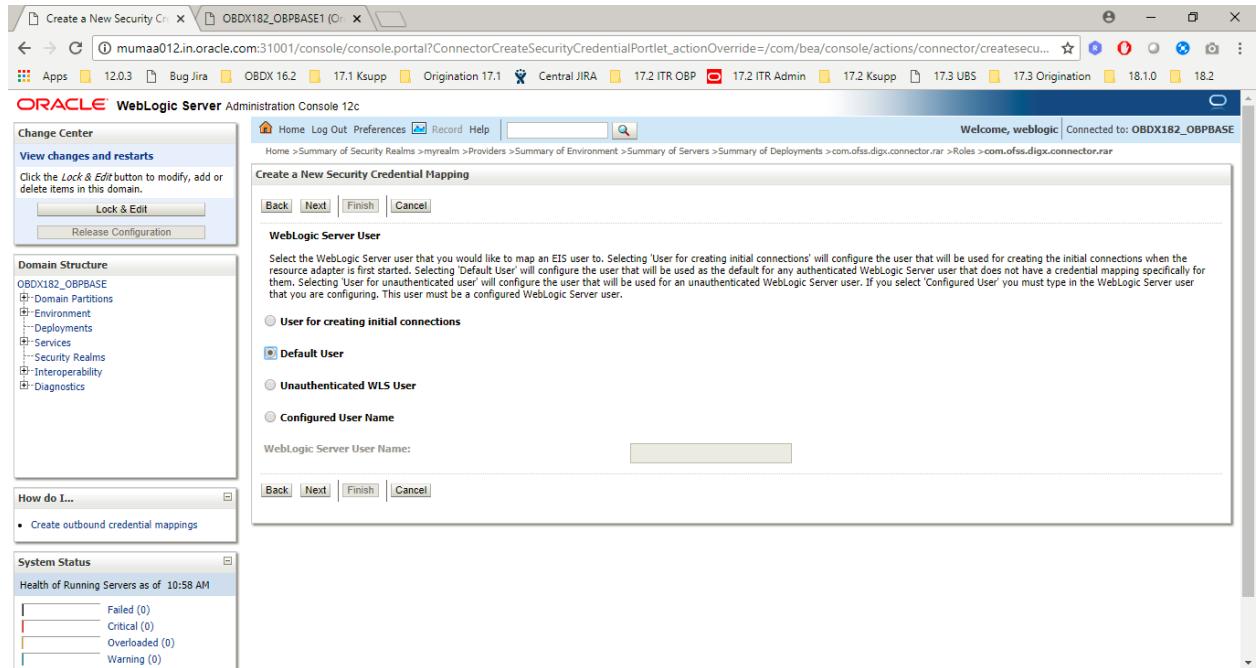
**Source Path:** servers/AdminServer/upload/com.ofss.digx.app.connector/app/com.ofss.digx.app.connector.ear The path to the source of the deployable unit on the Administration Server. [More Info...](#)

- Click on Security tab of connector, click on “Outbound credentials mapping”, click on “New” and select the newly created provider “ra/DIGXConnectorOBP” and click on “Next”.

## Anonymous User Configuration



- Select the default user and Click on “Next”.



- Provide the user details as provided by OBP Team and Click on Finish.

## Anonymous User Configuration

The screenshot shows the Oracle WebLogic Server Administration Console. The URL is [mumaa012.in.oracle.com:31001/console/console.portal?\\_nfpb=true&\\_pageLabel=ConnectorModuleSecurityCredentialMapPage](http://mumaa012.in.oracle.com:31001/console/console.portal?_nfpb=true&_pageLabel=ConnectorModuleSecurityCredentialMapPage). The page title is "ORACLE WebLogic Server Administration Console 12c". The main content area is titled "Settings for com.ofss.digx.connector.rar" and shows the "Outbound Credential Mappings" tab selected. The table contains the following data:

WLS User	EIS User	Outbound Connection Pool
Default	AES_KEY	ra/DIGXConnectorAES
Default	ofssuser1	ra/DIGXConnectorOPB2.5.0.2.0

- Restart managed server to take effects.