

Oracle Banking APIs

Web Service Username Token Configuration Guide

Release 18.2.0.0.0

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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>.

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 APIs Release 18.2.0.0.0, refer to the following documents:

- Oracle Banking APIs Licensing Guide
- Oracle Banking APIs 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”)

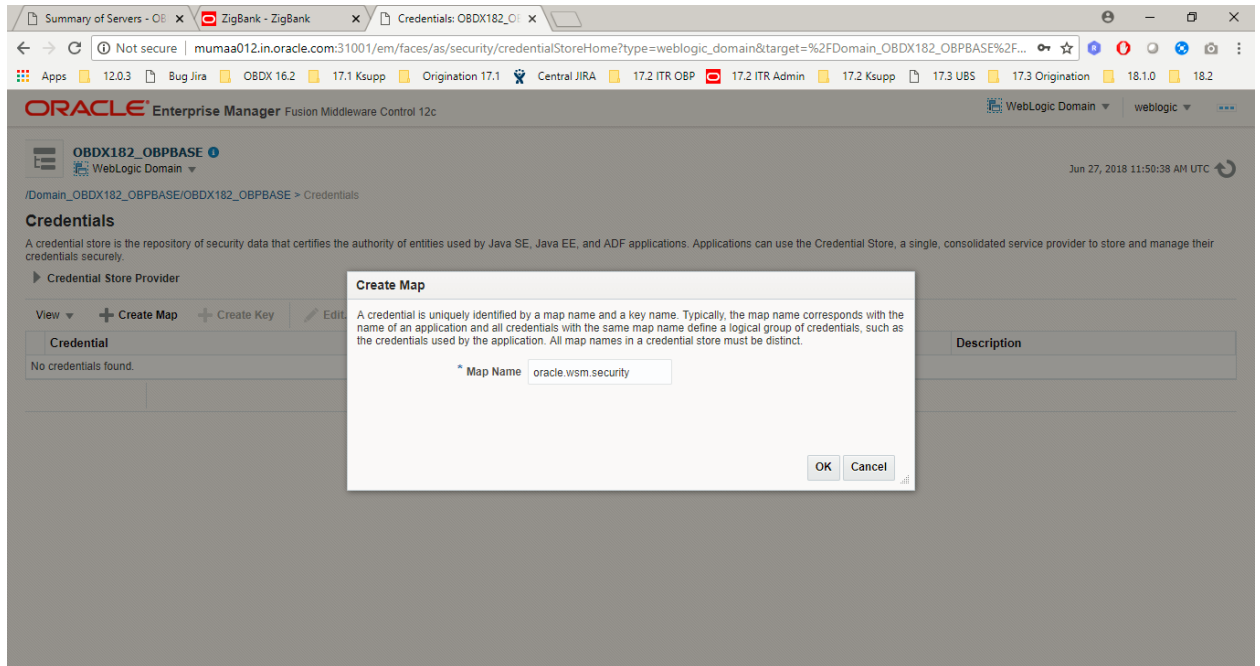
The screenshot shows the ZigBank system configuration page. The left sidebar contains a navigation menu with options: Dynamic Module, Brand, OTHERMODULE, Origination, and Common. The main content area displays a configuration form for the 'Anonymous Security Key' field, which is highlighted with a red box. The form includes the following fields:

Application Server Port	9003	IDCS Host Port	443
Anonymous Security Key	origination_owsm_key	Limits Effective from Same	Y
Name		Day (Y/N)	
IDCS Host IP		Application Server Host	mum00chq.in.oracle.com
IPM Host IP address		Retail User Supported Auth	OTP~SOFT_TOKEN~SEC_QUE
Port	8011	Host IP	10.180.86.15
Host IP	10.180.86.15	Region	INDIA
Bank Code	10	Port	8011
Channel	IB	Anonymous Security Policy	oracle/wss_username_token_client_policy
Port	8011	Application Server Port	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.

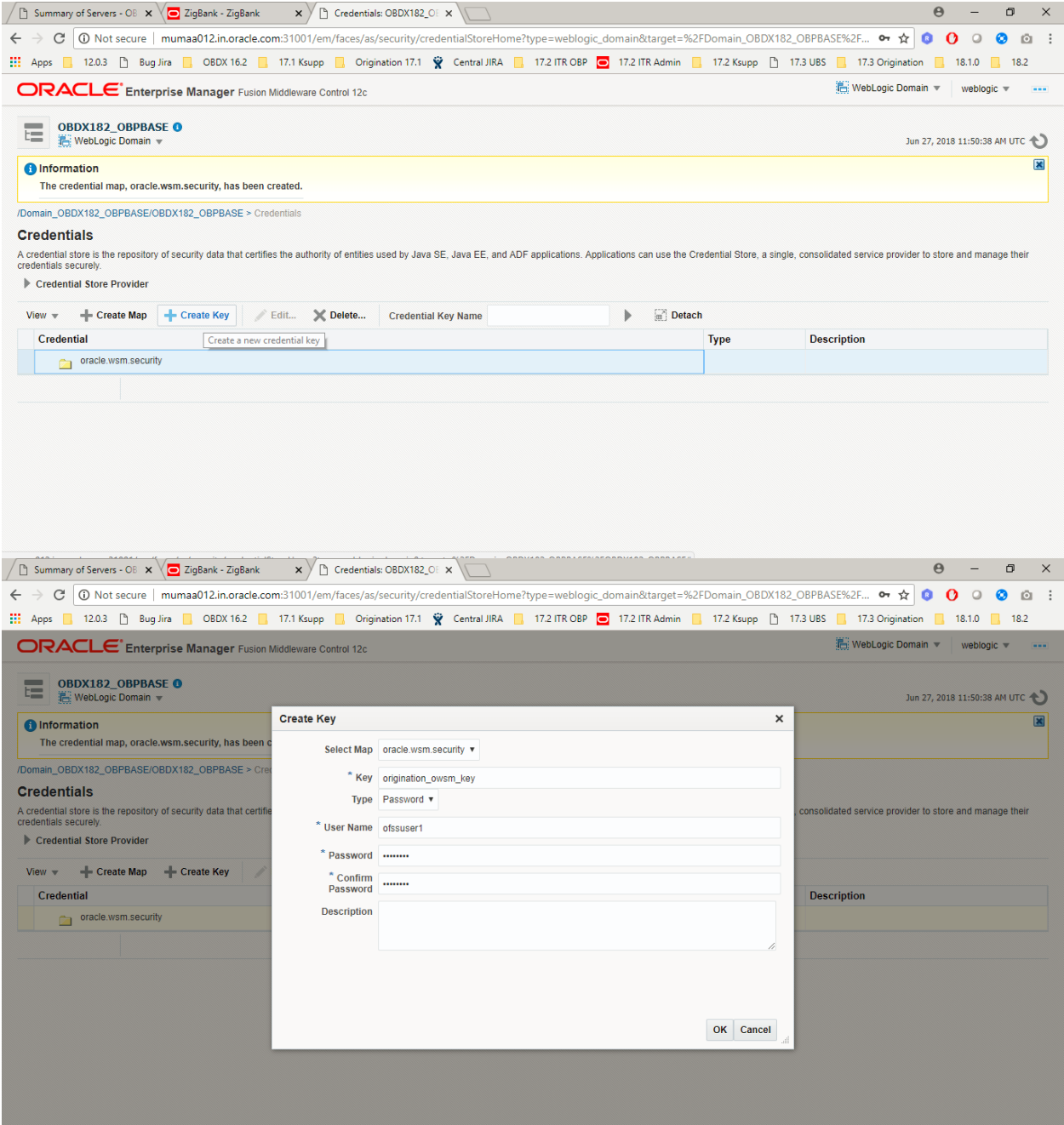
Anonymous User Configuration

Anonymous User Configuration



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

Anonymous User Configuration



[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');
```

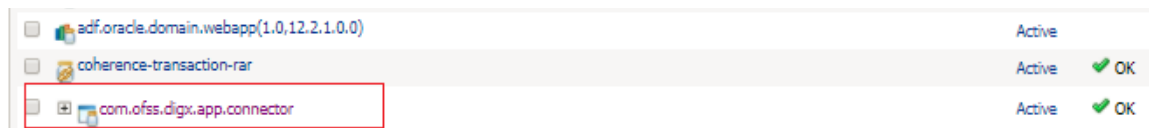
- Update the connector name for the logged-in user.

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

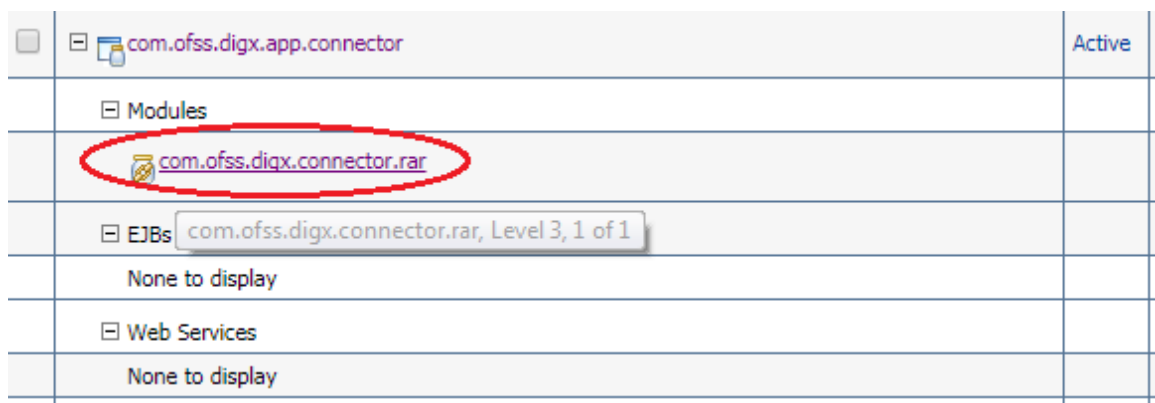
- Update security policy of logged-in user from saml token to user token policy

```
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) 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.

Anonymous User Configuration

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains the 'Change Center' and 'Domain Structure' panels. The main content area is titled 'Settings for com.oracle.digx.connector.rar' and has tabs for 'Overview', 'Configuration', 'Security', 'Control', 'Testing', and 'Monitoring'. The 'Configuration' tab is active, and the 'Outbound Connection Pools' sub-tab is selected. A table titled 'Outbound Connection Pool Configuration Table' displays one entry: 'javax.resource.cci.ConnectionFactory'. The 'New' button is located at the bottom left of the table.

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

The screenshot shows the 'Create a New Outbound Connection' wizard in the Oracle WebLogic Server Administration Console. The wizard has steps 'Back', 'Next', 'Finish', and 'Cancel'. The 'Outbound Connection Group' is set to 'javax.resource.cci.ConnectionFactory'. The 'Next' button is visible at the bottom.

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

Anonymous User Configuration

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains the 'Change Center' with 'View changes and restarts' and 'Release Configuration' buttons, and the 'Domain Structure' tree. The main content area displays the 'Create a New Outbound Connection' wizard. The 'JNDI name for Outbound Connection Instance' step is active, with the text 'Enter the JNDI name that you want to use to obtain the new connection instance'. A text field contains 'ra/DIGXConnectorOBP2.5.0'. Navigation buttons 'Back', 'Next', 'Finish', and 'Cancel' are visible at the top and bottom of the wizard.

- Click on “Ok” to confirm.

The screenshot shows the 'Save Deployment Plan Assistant' dialog box. It has 'OK' and 'Cancel' buttons at the top. The 'Save Deployment Plan' section contains instructions: 'You have made configuration changes that need to be stored in a new deployment plan. Select or enter the path of a deployment plan file. The path must end with ".xml". It is highly recommended that this file be named "Plan.xml". Each plan should be located in its own directory, otherwise applications can inadvertently share deployment plan files. The plan file will be overwritten if it already exists. Other files in the plan directory may be overwritten as well.' Below this, the 'Path:' field is populated with '/home/devops/domain/OBDX182_OBPBASE/servers/AdminServer/upload/com.ofss.digx.app.connector/Plan.xml'. The 'Recently Used Paths:' field shows '(none)'. The 'Current Location:' field shows the breadcrumb path 'mumaa012.in.oracle.com / home / devops / domain / OBDX182_OBPBASE / servers / AdminServer / upload / com.ofss.digx.app.connector' with an 'app' folder icon. 'OK' and 'Cancel' buttons are at the bottom.

- Click on Activate changes.

Anonymous User Configuration

The first screenshot shows the Oracle WebLogic Server Administration Console for domain OBDX182_OBPBASE. The left sidebar contains the 'Change Center' with 'View changes and restarts' and 'Activate Changes' buttons. Below it is the 'Domain Structure' tree with 'Deployments' selected. The main area shows 'Messages' with a success message about a new deployment plan. The 'Settings for com.ofss.digx.connector.rar' page is open, showing the 'Overview' tab with fields for 'Name' and 'Source Path'.

The second screenshot shows the same console after changes have been activated. The 'Change Center' now shows 'Click the Lock & Edit button to modify, add or delete items in this domain.' and a 'Release Configuration' button. The 'Messages' section shows 'All changes have been activated. No restarts are necessary.' The 'Settings for com.ofss.digx.connector.rar' page remains open, showing the same 'Overview' tab.

- 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

Oracle WebLogic Server Administration Console 12c

Home > Summary of Security Realms > myrealm > Providers > Summary of Environment > Summary of Servers > Summary of Deployments > com.ofss.digx.connector.rar > Roles > com.ofss.digx.connector.rar

Create a New Security Credential Mapping

Back Next Finish Cancel

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:

Outbound Connection Pool
☒ ra/DIGXConnectorOBP2.5.0.2.0
☐ Resource Adapter Default

Showing 11 to 12 of 12 Previous Next

Back Next Finish Cancel

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

Oracle WebLogic Server Administration Console 12c

Home > Summary of Security Realms > myrealm > Providers > Summary of Environment > Summary of Servers > Summary of Deployments > com.ofss.digx.connector.rar > Roles > com.ofss.digx.connector.rar

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

- 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 main content area is titled "Settings for com.ofss.digx.connector.rar" and displays the "Outbound Credential Mappings" tab. A message at the top states: "The new security credential map entry for this resource adapter was successfully created." Below this, a table lists the mappings:

WLS User	EIS User	Outbound Connection Pool
Default	AES_KEY	ra/DIGXConnectorAES
Default	ofssuser1	ra/DIGXConnectorOBP2.5.0.2.0

The left sidebar contains navigation links for Change Center, Domain Structure, and System Status. The bottom of the console shows the health of running servers as of 10:58 AM, with all servers in a "Failed" state (0).

- Restart managed server to take effects.