

Connector Credential Store Guide
Oracle Banking Digital Experience
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ORACLE®

Connector Credential Store Guide

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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 Oracle 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:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 20.1.0.0.0, refer to the following documents:

- Oracle Banking Digital Experience Installation Manuals

2. Steps to Create Credential Mapping

- In WebLogic, go to Deployments, expand the deployed connector ear and click on Resource Adapter module.

Customize this table

Deployments

Install Update Delete Start Stop

Showing 1 to 64 of 64 Previous Next

| Name | State | Health | Type | Targets | Deployment Order |
|---|--------|--------|------------------------|-------------------|------------------|
| adf.oracle.businesseditor(1.0,12.1.3.0.0) | Active | | Library | AdminServer, clip | 100 |
| adf.oracle.domain(1.0,12.1.3.0.0) | Active | | Library | AdminServer, clip | 100 |
| adf.oracle.domain.webapp(1.0,12.1.3.0.0) | Active | | Library | AdminServer, clip | 100 |
| coherence-transaction-rar | Active | OK | Resource Adapter | AdminServer, clip | 100 |
| com.ofss.digx.app.connector | Active | OK | Enterprise Application | clip | 0 |
| Modules | | | | | |
| com.ofss.digx.connector.rar | | | Resource Adapter | | |
| EJBs | | | | | |
| None to display | | | | | |
| Web Services | | | | | |
| None to display | | | | | |
| com.ofss.digx.appx.service.rest | Active | OK | Enterprise Application | clip | 0 |
| com.ofss.digx.appx.service.soap | Active | OK | Enterprise Application | clip | 0 |
| DMS Application (12.1.3.0.0) | Active | OK | Web Application | AdminServer, clip | 5 |
| em | Active | OK | Enterprise Application | AdminServer | 400 |
| emagentsdkimplpriv_jar(11.2.0.1.0,12.1.0.3.0) | Active | | Library | AdminServer | 100 |
| emagentsdkimpl_jar(11.2.0.1.0,12.1.0.3.0) | Active | | Library | AdminServer | 100 |
| emagentsdk_jar(11.2,12.1.0.3.0) | Active | | Library | AdminServer | 100 |
| emas | Active | | Library | AdminServer | 100 |
| emcore | Active | | Library | AdminServer | 100 |
| emcoreclient_jar | Active | | Library | AdminServer | 100 |
| emcorecommon_jar | Active | | Library | AdminServer | 100 |
| emcoreconsole_jar | Active | | Library | AdminServer | 100 |

Fig.1 Deployed ear com.ofss.digx.app.connector, It has Resource Adapter Module com.ofss.digx.connector.rar

- Screen for Resource Adapter module's setting will open.
Click Security->Outbound Credential Mapping. This will display Outbound Credential Mappings table.

Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: obdx_xacn

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

Settings for com.ofss.digx.connector.rar

Overview Configuration **Security** Control Testing Monitoring

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

Fig.2 Shows setting for com.ofss.digx.connector.rar

- Click on New. This will display screen to create new security credential map entry. Also It shows Outbound Connection pool table. This table has Outbound Connection pool entry for each connection instance in weblogic-ra.xml in Resource Adapter along with default connection pool.

Fig.3 Shows Outbound Connection pool table. Fig 3.1 shows corresponding weblogic-ra.xml file

```

<?xml version="1.0" encoding="UTF-8" ?>
<!-- Copyright (c) 2012, Oracle and/or its affiliates. All rights reserved. -->
<weblogic-connector xmlns="http://www.bea.com/ns/weblogic/90"
  xmlns:j2ee="http://java.sun.com/sml/ns/j2ee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.bea.com/ns/weblogic/90/weblogic-ra.xsd">

  <enable-access-outside-app>true</enable-access-outside-app>
  <enable-global-access-to-classes>true</enable-global-access-to-classes>
  <outbound-resource-adapter>
    <connection-definition-group>
      <connection-factory-interface>javax.resource.cci.ConnectionFactory
      </connection-factory-interface>
      <connection-instance>
        <jndi-name>ra/DIGXConnectorMERCHANT</jndi-name>
        <connection-properties>
          <pool-params>
            <initial-capacity>6</initial-capacity>
            <max-capacity>15</max-capacity>
            <capacity-increment>1</capacity-increment>
            <shrinking-enabled>true</shrinking-enabled>
            <shrink-frequency-seconds>60</shrink-frequency-seconds>
          </pool-params>
        </connection-properties>
      </connection-instance>
    </connection-definition-group>
  </outbound-resource-adapter>
</weblogic-connector>

```

Fig.3.1 weblogic-ra.xml

- Select Outbound connection pool to associate the credential map. And click Next. This will show screen to select weblogic server user.

Administration Console 12c

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

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

Fig 4. Weblogic server user screen

- Select Default User. Selecting 'Default User' as WebLogic Server 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.
- And click Next. Screen to configure username and password will appear. Enter username and password. As DIGX using AES(Advanced Encryption standard) as encryption and decryption algorithm, password must be 16 digit.

Administration Console 12c

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

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

Create a New Security Credential Mapping

Back Next Finish Cancel

EIS User Name and Password

Configure the EIS User Name and Password that you would like to map the WebLogic Server User to:

* Indicates required fields

Enter the EIS User Name:

* EIS User Name::

Enter the EIS Password:

* EIS Password::

* Confirm Password::

Back Next Finish Cancel

Fig 5. User name and password configuration

- Click Finish. The new security credential map entry will be created.

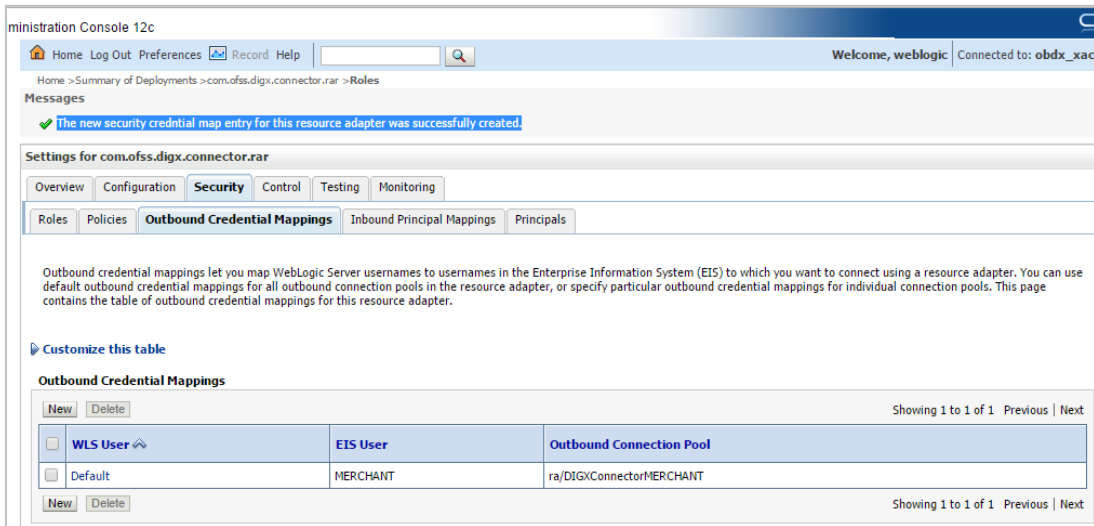


Fig 6. Credential map entry with username as MERCHANT associated with ra/DIGXConnectorMERCHANT connection pool.

- Table `digx_fw_config_all_b` must have entry with `category_id` as "CredentialConnector" and `prop_value` as selected Outbound Connection Pool with JNDI name as `prop_id`.

E.g. `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)`

`values ('MERCHANT_RA_JNDIKEY', 'CredentialConnector', 'ra/DIGXConnectorMERCHANT', 'N', 'RA Connector JNDI Names for OFFLINE_CHANNEL', 'RA Connector JNDI Names for MERCHANT', 'ofssuser', SYSDATE, 'ofssuser', SYSDATE, 'Y', 1);`

- Repeat the above process for creating a credential map for each Outbound Connection shown in [Fig.3](#).
- Table `digx_fw_config_all_b` must have entry with `category_id` as "CredentialConnector" and `prop_value` as selected Outbound Connection Pool with JNDI name as `prop_id`.
- Make sure to have following entries in `digx_fw_config_all_b` corresponding to each outbound connection pool if the credential map is configured for the same-

These entries are shipped with installer including those of midoffice products

[Home](#)