Connector Credential Store Guide
Oracle Banking Digital Experience
Release 20.1.0.0.0

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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

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

1.4 Structure

This manual is organized into the following categories:

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

The subsequent chapters 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

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2. Steps to Create Credential Mapping

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

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.

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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
<?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>
```

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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.

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.

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Fig 5.User name and password configuration

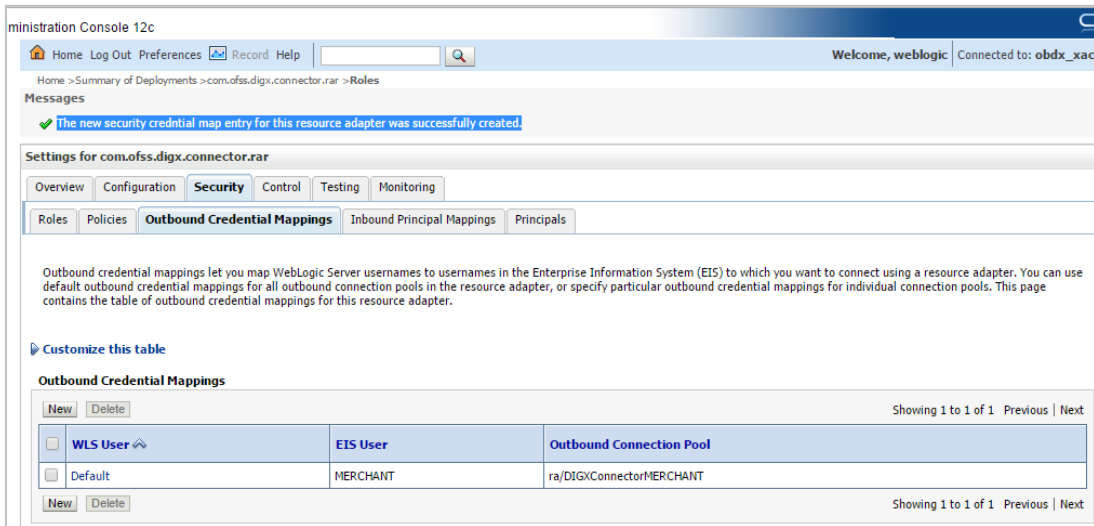- Click Finish. The new security credential map entry will be created.

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

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