

OFLO and Third Party Setup and Configuration Guide  
Oracle Banking Digital Experience  
Patchset Release 21.1.3.0.0

Part No. F40800-01

November 2021

**ORACLE®**

OFLO and Third Party Setup and Configuration Guide  
November 2021

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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 Patchset Release 21.1.3.0.0, refer to the following documents:

- Oracle Banking Digital Experience Installation Manuals

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## 2. Introduction

This document is intended for setting up OBDX 21.1.1.0 originations with RPM 14.4 and Third Party releases.

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# 3. Database Configuration

Following configurations need to be done post installation

## 3.1 System Configuration

Please complete day one maintenance from admin screen. Please refer ‘User Manual Oracle Banking Digital Experience System Configuration.docx’ document for day one maintenance. These are mandatory configurations for application to work. It should be completed before using the application.

### Origination specific fields

The screenshot displays the 'System Configuration' page for 'futura bank'. The interface includes a search bar, a user profile 'Welcome, Installer Admin' with a last login of '14 Jun 04:02 PM', and a sidebar with navigation options like 'Basic Details', 'Host Details', 'Bank Details', etc. The main content area is a grid of configuration fields:

|                                   |                        |                                 |               |
|-----------------------------------|------------------------|---------------------------------|---------------|
| RPM BP CHANNEL                    | OBDX                   | RPM Entity Id                   | DEFAULTENTITY |
| RPM Document User Id              | OBDXUSER1              | External Funding Supported      | true          |
| Student Loan Disclaimer Supported | Y                      | Issuer List                     | ICICI,SBI     |
| App Expiring Days                 | 90                     | RPM Document Host port          | 7002          |
| Microblink Host IP address        | whf00mej.in.oracle.com | Purging Days                    | 0             |
| RPM BP Host port                  | 9903                   | RPM Host port                   | 9904          |
| App Expiring Days                 | 90                     | RPM Document Branch Code        | 000           |
| RPM BP User ID                    | OBDX                   | RPM Branch Code                 | 000           |
| RPM Host IP address               | whf00gok.in.oracle.com | CC Balance Transfer Supported   | N             |
| Maximum Add On cards              | 3                      | RPM Multilingual Check Required | true          |
| RPM Authorization token           | Y                      | Microblink Host port            | 8080          |
| RPM Authorization token           |                        | Microblink Host port            |               |
| Maximum Card Balance Transfer     | 3                      | RPM APP ID                      | PRTONB        |
| RPM BP APP ID                     | OBREMOBPDDETAILS       | RPM USER ID                     | SENTHIL       |
| RPM Application APPID             | RPMPROCESSDRIVER       | OCR Authorization token         | Y             |
| RPM Document Host IP address      | whf00dsh.in.oracle.com | RPM BP Branch Code              | 000           |
| Inactive KYC allow flag           | Y                      | RPM Document Authorization      | Y             |
| RPM Document APP ID               | CMNCORE                | Application Limit               | 2000          |
| RPM BP Host IP address            | whf00gok.in.oracle.com | RPM Application Tracker APPID   | RPMPROJECTION |

**Description of fields under origination tab:**

| <b>Configuration of Enumerations API:</b>      |  |
|--|--|
| RPM Host Ip Address                            | Hostname of RPM system                           |
| RPM Host Port                                  | Port number of RPM System                        |
| RPM App Id                                     | App id for enumerations rest.                    |
| RPM User Id                                    | User Id for enumeration rest                     |
| RPM Branch code                                | Branch code for enumerations rest.               |
| <b>Configurations of Business product API:</b> |  |
| RPM BP Host Ip Address                         | Hostname of RPM system for Business Products     |
| RPM BP Host port                               | Port number of RPM System                        |
| RPM BP APP ID                                  | App id for Business Products rest                |
| RPM BP User ID                                 | User ID for Business Products rest               |
| RPM BP Branch code                             | Branch code for Business Products rest           |
| RPM BP Channel                                 | Channel for Business Products rest               |
| RPM Entity Id                                  | Entity ID of RPM                                 |
| <b>Configuration of Application API</b>        |  |
| RPM Application App Id                         | App id for Application rest                      |
| RPM Authorization token                        | Authorization token for RPM for Application rest |
| <b>Configuration of Document API</b>           |  |
| RPM Document Host IP address                   | Hostname for document API                        |
| RPM Document Host Port                         | Port number for document API                     |
| RPM Document App Id                            | App id for RPM document API                      |
| RPM Document User Id                           | User ID for RPM Document API                     |
| RPM Document Branch Code                       | Branch code for RPM Document API.                |
| RPM Document Authorization                     | Authorization token for document API             |
| <b>Configuration of Microblink (OCR):</b>      |  |
| Microblink Host Ip Address                     | Hostname for OCR API.                            |

| <b>Configuration of Enumerations API:</b> |  |
|---|--|
| Microblink Host port                      | Port number for OCR API.   |
| OCR Authorization token                   | Authorization token for OCR API  |
| <b>Application tracker Configuration:</b> |  |
| RPM Application tracker APPID             | App id for RPM application tracker API   |
| App Expiring Days                         | Days window used for setting application Expiry date   |
| Application Limit:                        | Offset value for Application Tracker API   |
| Purging Days:                             | Days window for which application is active.   |
| <b>Credit Card Configuration:</b>         |  |
| Maximum Card Balance Transfer             | Maximum number of Card Balance transfer supported  |
| Issuer List                               | List of issuers separated by comma   |
| CC Balance Transfer Supported             | Should be set to "Y" if balance transfer is supported.   |
| Maximum Add on Cards                      | Maximum number of Add on card.   |
| <b>Other Configuration:</b>               |  |
| RPM Multilingual Check required:          | Default value: false. Can be set to true if multilingual hooks required for product catalogue. |
| Student Loan Disclaimer Supported         | Y/N should be set to Y if disclaimer pop-up is required for student loan.                      |
| Inactive KYC allow flag                   | Should be set to Y if applicant is allowed to apply for product in case of inactive KYC.       |
| External Funding Supported                | Should be set to "true" if External Funding is supported.                                      |



## 3.2 Additional (functional) Configuration

### 3.2.1 Configuring Repository adapter for Application:

- **RPM Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If local (database) storage is required for third party entity following query needs to be executed.

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('RPM_APPLICATION_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.domain.origination.entity.application.repository.adapter.LocalApplicationRepositoryAdapter,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteApplicationRepositoryAdapter','OBDX_BU',null,sysdate,'ofssuser',sysdate);
```

### 3.2.2 Configuring Repository adapter for Application Tracker:

- **RPM Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If local (database) storage is required for third party entity following query needs to be executed.

```
Insert into digx_fw_config_all_o
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('APPLICATIONTRACKER_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.domain.origination.entity.application.repository.adapter.LocalApplicationTrackerRepositoryAdapter,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteApplicationTrackerRepositoryAdapter',<ENTITY_ID>,null,sysdate,'ofssuser',sysdate);
```

### 3.2.3 Configuring Repository adapter for Product Documents

- **RPM Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If bank wants to fetch list of documents from OBDX local storage then a separate entry in DIGX\_FW\_CONFIG\_ALL\_O table is required.

```
Insert into DIGX_FW_CONFIG_ALL_O (PROP_ID, PREFERENCE_NAME, PROP_VALUE,
DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY,
LAST_UPDATED_DATE)
```

values ('PRODUCT\_DOCUMENT\_REPOSITORY\_ADAPTER', 'RepositoryAdapterFactories', 'com.ofss.digx.domain.origination.entity.product.repository.adapter.LocalProductRepositoryAdapter', '<Entity ID>', null, SYSDATE, 'ofssuser',SYSDATE);

**Note:** This local storage table for product documents is DIGX\_OR\_PRODUCT\_DOCUMENTS

Insert queries as per the below screenshot of this table

| ID | CATEGORY                            | NAME               | DESCRIPTION        | MANDATORY | PRODUCT_CODE | PRODUCT_CATEGORY | CREATED_BY | CREATION_DATE                   | LAST_UPDATED_BY | LAST_UPDATED_DATE               | OBJECT |
|----|-------------------------------------|--------------------|--------------------|-----------|--------------|------------------|------------|---------------------------------|-----------------|---------------------------------|--------|
| 1  | DOC1 Address Proof                  | Aadhaar card       | Aadhaar card       | N         | OBDSJ        | SAVINGSH1        | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 2  | DOC17 Address Proof                 | Aadhaar card       | Aadhaar card       | N         | OBDCP        | CHECKINGH1       | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 3  | DOC19 Address Proof                 | Aadhaar card       | Aadhaar card       | N         | OBXCA        | CHECKINGH1       | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 4  | DOC21 Id Proof                      | DL                 | Driving license    | N         | OBDSJ        | SAVINGSH1        | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 5  | DOC22 Id Proof                      | DL                 | Driving license    | N         | SAADVT       | SAVINGSH1        | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 6  | DOC23 Id Proof                      | DL                 | Driving license    | N         | OBDCP        | CHECKINGH1       | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 7  | DOC24 Id Proof                      | DL                 | Driving license    | N         | OBXCA        | CHECKINGH1       | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 8  | DOC3 Address Proof                  | Aadhaar card       | Aadhaar card       | N         | SAADVT       | SAVINGSH1        | ofssuser   | 10-JUL-20 08.09.03.000000000 AM | ofssuser        | 10-JUL-20 08.09.03.000000000 AM | A      |
| 9  | DOC10 Id Proof                      | PAN Card           | PAN Card           | N         | OBDFPL       | PERSONALLOANH1   | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 10 | DOC11 Proof of Income               | Property Documents | Property Documents | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 11 | DOC12 Proof of Income               | Salary Proof       | Salary Proof       | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 12 | DOC13 Proof of Identity and Address | Aadhaar card       | Aadhaar card       | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 13 | DOC14 Address Proof                 | DL                 | Driving license    | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 14 | DOC15 Proof of Identity and Address | Passport           | Passport           | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 15 | DOC16 Id Proof                      | PAN Card           | PAN Card           | N         | OBXAL        | AUTLOANH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 16 | DOC18 Id Proof                      | PAN card           | PAN card           | N         | OBDCP        | CHECKINGH1       | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |
| 17 | DOC2 Id Proof                       | PAN card           | PAN card           | N         | OBDSJ        | SAVINGSH1        | ofssuser   | 04-JUL-20 04.24.43.000000000 PM | ofssuser        | 04-JUL-20 04.24.43.000000000 PM | A      |

Sample query is given below for reference:

```
Insert into DIGX_OR_PRODUCT_DOCUMENT
(ID,CATEGORY,NAME,DESCRIPTION,MANDATORY,PRODUCT_CODE,PRODUCT_CATE
GORY,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,O
BJECT_STATUS,OBJECT_VERSION_NUMBER) values ('DOC1','Address Proof','Aadhaar
card','Aadhaar card','N','OBDSJ','SAVINGSH1','ofssuser',SYSDATE,'ofssuser',SYSDATE,
'A',21);
```

### 3.2.4 Configuring Repository adapter for Mid Office Content Repository

- **RPM Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

Please execute following query this will fetch content from local database.

```
Insert into digx_fw_config_all_o
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MO_CONTENT_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.do
main.content.entity.repository.adapter.LocalContentRepositoryAdapter','OBX_BU',null,sysd
ate,null,null);
```

### 3.2.5 Configuring Adapter Preference for Entity

- **RPM Host Configuration:**

Execute following query to find adapter preference of the entity.

```
select * from digx_fw_config_all_o where prop_id = 'OBX_BU';
```

Update prop value of above selected record such that **RPM14.4 should be after UBS12.4**

Sample adapter preference as below.

UBS14.4,UBS14.3,UBS14.2,UBS14.1,UBS14.0,UBS12.4,  
**RPM14.4**,OBCL14.3,OBCLPM14.3,ELCM14.3,OBVAM14.4,OBVAM14.3,OBSCF14.4,OBSC  
 F14.3,ASP14.4,INV14.4,CMS14.4,OBCFPM14.4,OBCFPM14.3,OBLM14.4,OBLM14.2,OBIC  
 14.4,OBTF14.4,MIDOFFICE1.0,TP1.0

**Execute following query to update adapter preference.**

```
update digx_fw_config_all_o set prop_value='<Updated_Adapter_Preferences>' where
prop_id = 'OBDX_BU';
```

- **Third party Configuration:**  
No Configuration required.

### **3.2.6 Configuring Origination Workflow (Loan Requirement Step)**

- **RPM Host Configuration:**  
No Configuration required.
- **Third party Configuration:**

Execute following queries to update UI component names of origination workflow steps.

```
update digx_or_steps set ui_definition='{ "ui-component": "auto-loan-
requirement", "showInReview": true, "category": "LOANS", "productClass": "AUTOMOBILE" }'
where step_id='AUTOLNINFO' and determinant_value='OBDX_BU';
```

```
update digx_or_steps set ui_definition='{ "ui-component": "home-loan-
requirements", "showInReview": true, "category": "LOANS", "productClass": "HOME_LOAN" }'
where step_id='HOMELNINFO' and determinant_value='OBDX_BU';
```

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---

## 4. Product Configuration

- To enable products execute the following script.

```
update digx_or_product_category set status='ACTIVE' where determinant_value=<entity_id> and id='<required_product>';
```

eg. For activating CASA Savings product with id SAVINGSH1 can be activated as follows.

```
update digx_or_product_category set status='ACTIVE' where determinant_value='OBDX_BU' and id='SAVINGSH1';
```

- To enable all supported products., execute the following script.

```
update digx_or_product_category set status='ACTIVE' where determinant_value='OBDX_BU' and id in ('SAVINGSH1','CHECKINGH1','AUTOLOANH1','PERSONALLOANH1','HOMELOANH1','EDUCATIONLOANH1','TERMDEPOSITH1','CREDITCARDH1');
```

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---

## 5. OCR Configuration

Post Day 1 configuration for OCR:

In DIGX\_FW\_CONFIG\_VAR\_B, make entry of hostname and port corresponding to determinant value.

---

Note: If bank is using "Microblink" as third party OCR platform then below configurations needs to be done. In case of any other platform hostname and port number should be changed accordingly.

---

```
Insert into DIGX_FW_CONFIG_VAR_B
(PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATE
D_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS,OB
JECT_VERSION_NUMBER,MODULE,DETERMINANT_VALUE,TYPE,UI_DEFINITION) values
('DOC_TYPE','OBDX','<Document categories supporting OCR>',null,'Document
Type','ofssuser',sysdate,'ofssuser',null,'A',1,'Origination','OBDX_BU','TXT',{ "title": "OCR
Document Categories", "validator": "ALPHANUMERIC", "required": false });
```

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---

## 6. Security Changes:

The OTP authentication generates JWT Token which remains active for 15 mins. Below property in `digx_fw_config_all_b` table can be updated to change the token expiration time. If user select to re-send OTP the number of re-send counts will be reduced based on this timeout. Token reduces OTP re-send count if last token send time plus 15 mins is after current time.

ORG\_REG\_LINK\_TIMEOUT

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## 7. Enumeration Configuration:

- **Configuration for local enumeration:**

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_ASSETS_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sys
date,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENT_STATUS','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdat
e,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENTTYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,nul
l,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_B
U',null,sysdate,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sys
date,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('GENDER','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);
```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM',
'OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NA','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MARITALSTATUS','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('SALUTATION','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```



```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NOMINEE_RELATIONS','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,
null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('IDENTIFICATIONTYPES','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate
,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('COUNTRY','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('ISDCODE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
(OR_CITIZENSHIP_BY,'EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,nul
l,null);

```

- **Configuration for Remote enumeration:**

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_ASSETS_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,s
ysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENT_STATUS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysd
ate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENTTYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,
null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_
BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,
sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('GENDER','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_B
U',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,s
ysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_
BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,
sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NA','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MARITALSTATUS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,
null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('SALUTATION','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null)
;

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NOMINEE_RELATIONS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdat
e,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('IDENTIFICATIONTYPES','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysda
te,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('COUNTRY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('ISDCODE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
(OR_CITIZENSHIP_BY,'EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,  
null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('OBDX_BU.com.ofss.digx.extxface.common.adapter.IEnumerationAdapter.getCountry','Extxface  
AdapterPreference','com.ofss.digx.extxface.common.ubs124.impl.EnumerationAdapter','01','ofs  
suser',sysdate,'ofssuser',sysdate);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('OBDX_BU.com.ofss.digx.extxface.common.adapter.IEnumerationAdapter.getISDCode','Extxfac  
eAdapterPreference','com.ofss.digx.extxface.common.ubs124.impl.EnumerationAdapter','01','ofs  
suser',sysdate,'ofssuser',sysdate);
```

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## 8. Security Credential Mapping for connector.ear

Please follow following steps

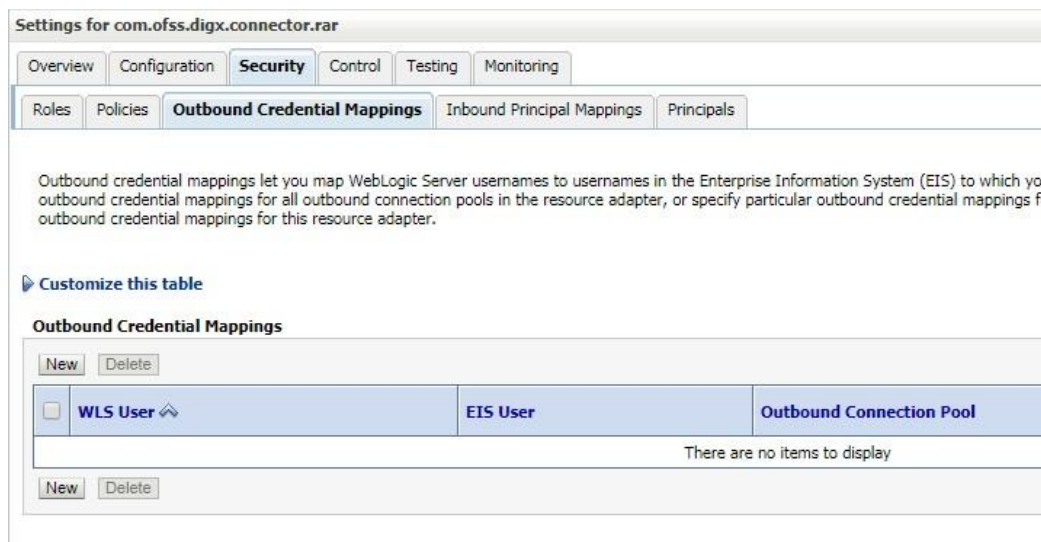
1. Login into Weblogic console.
2. Click on **Deployments**.
3. Expand by clicking '+' icon present in front of **com.ofss.digx.app.connector application** as shown below.



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



5. Click '**Security**' tab and then click '**Outbound Credential Mappings**' sub tab as shown below.



6. Click on 'New' Button. Following screen will be appearing.

**Outbound Connection Pool**

Which Outbound Connection Pool would you like the credential map to be associated with? Each Outbound Connection Pool can then configure themselves to...

[Customize this table](#)

**Create a New Security Credential Map Entry for:**

|                                     |                            |
|-------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> | Outbound Connection Pool   |
| <input type="checkbox"/>            | ra/DIGXConnectorAES        |
| <input type="checkbox"/>            | ra/DIGXConnectorBIREPORTS  |
| <input type="checkbox"/>            | ra/DIGXConnectorFILEUPLOAD |
| <input type="checkbox"/>            | ra/DIGXConnectorMERCHANT   |
| <input type="checkbox"/>            | Resource Adapter Default   |

7. Select 'ra/DIGXConnectorAES' and click then 'Next' button. Following screen will be appearing.

**WebLogic Server User**

Select the WebLogic Server User that you would like to map an EIS resource adapter is first started. Selecting 'Default User' will configure them. Selecting 'User for unauthenticated user' will configure the user that you are configuring. This user must be a configured WebLogic...

**User for creating initial connections**

**Default User**

**Unauthenticated WLS User**

**Configured User Name**

**WebLogic Server User Name:**

8. Select **'Default User'** and then click **'Next'** button. Following screen will be appearing.

**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::**

9. Enter following details and then click **'Finish'** button.
  - EIS User Name → AES\_KEY
  - EIS Password → "Desired password"
  - Confirm Password → "Desired password"
10. Restart the manage server to activate the changes.

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## 9. OBRH Configuration

During Bank Implementation, assuming OBRH is installed and configured as part of OFLO installation. For OBDX and mid Office OFLO integration using OBRH the following configurations need to be done.

1. Carry out all the steps mentioned in OBRH Integration Configuration section in OBRH Configuration document. The service provider for mid-office product OFLO end-points configured in OBRH is "OFLO"

2. After all the above steps are completed, user needs to execute some scripts for the host APIs that are to be consumed via OBRH. These are the scripts to pick the third party adapter implementation instead of the host specific implementations as well as to call the OBRH endpoint for the configured interfaces. The scripts are available at the following location:

`/Installables/db/OFLO/DIGX_FW_CONFIG_ALL_O.sql`

---

Note: '%ENTITY\_ID%' should be replaced with the entity identifier (For Example if the entity during implementation is OBDX\_BU then '%ENTITY\_ID%' should be replaced by 'OBDX\_BU').

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