

OFLO and Third Party Setup and Configuration Guide
Oracle Banking Digital Experience
Patchset Release 21.1.4.0.0

Part No. F40800-01

February 2022

ORACLE®

OFLO and Third Party Setup and Configuration Guide
February 2022

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/

Copyright © 2006, 2022, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Table of Contents

1. Preface	1-1
1.1 Intended Audience.....	1-1
1.2 Documentation Accessibility	1-1
1.3 Access to Oracle Support.....	1-1
1.4 Structure	1-1
1.5 Related Information Sources	1-1
2. Introduction	2-1
3. Database Configuration	3-1
3.1 System Configuration	3-1
3.2 Additional (functional) Configuration.....	3-4
4. Product Configuration	4-1
5. OCR Configuration	5-1
6. Security Changes:	6-1
7. Enumeration Configuration:	7-1
8. Security Credential Mapping for connector.ear	8-1
9. OBRH Configuration	9-1

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 21.1.4.0.0, refer to the following documents:

- Oracle Banking Digital Experience Installation Manuals

2. Introduction

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

[Home](#)

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 shows the Oracle Futura Bank admin configuration interface. The top navigation bar includes the Futura Bank logo, a search bar, and a user profile for 'Installer Admin' with a last login time of '14 Jun 04:02 PM'. The main content area is divided into two sections. The first section, titled 'Origination specific fields', contains a list of configuration items on the left and their corresponding values in a table. The second section contains another list of configuration items on the left and their values in a table. A chat bubble icon is visible in the bottom right corner of the first section.

Configuration Item	Value
RPM BP CHANNEL	OBDX
RPM Document User Id	OBDXUSER1
Student Loan Disclaimer Supported	Y
App Expiring Days	90
Microblink Host IP address	whf00mej.in.oracle.com
RPM BP Host port	9903
App Expiring Days	90
RPM BP User ID	OBDX
RPM Host IP address	whf00gok.in.oracle.com
Maximum Add On cards	3
RPM Authorization token	Y
RPM Entity Id	DEFAULTENTITY
External Funding Supported	true
Issuer List	ICICI,SBI
RPM Document Host port	7002
Purging Days	0
RPM Host port	9904
RPM Document Branch Code	000
RPM Branch Code	000
CC Balance Transfer Supported	N
RPM Multilingual Check Required	true
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:

Configuration of Enumerations API:	
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.
Configurations of Business product API:	
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
Configuration of Application API	
RPM Application App Id	App id for Application rest
RPM Authorization token	Authorization token for RPM for Application rest
Configuration of Document API	
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
Configuration of Microblink (OCR):	
Microblink Host Ip Address	Hostname for OCR API.

Configuration of Enumerations API:	
Microblink Host port	Port number for OCR API.
OCR Authorization token	Authorization token for OCR API
Application tracker Configuration:	
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.
Credit Card Configuration:	
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.
Other Configuration:	
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 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
2	DOC17 Address Proof	Aadhaar card	Aadhaar card	N	OBDCP	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
3	DOC19 Address Proof	Aadhaar card	Aadhaar card	N	OBXCA	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
4	DOC21 Id Proof	DL	Driving license	N	OBDSJ	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
5	DOC22 Id Proof	DL	Driving license	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
6	DOC23 Id Proof	DL	Driving license	N	OBDCP	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
7	DOC24 Id Proof	DL	Driving license	N	OBXCA	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
8	DOC3 Address Proof	Aadhaar card	Aadhaar card	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
9	DOC10 Id Proof	PAN Card	PAN Card	N	OBDFPL	PERSONALLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
10	DOC11 Proof of Income	Property Documents	Property Documents	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
11	DOC12 Proof of Income	Salary Proof	Salary Proof	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
12	DOC13 Proof of Identity and Address	Aadhaar card	Aadhaar card	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
13	DOC14 Address Proof	DL	Driving license	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
14	DOC15 Proof of Identity and Address	Passport	Passport	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
15	DOC16 Id Proof	PAN Card	PAN Card	N	OBXAL	AUTLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
16	DOC18 Id Proof	PAN card	PAN card	N	OBDCP	CHECKINGH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
17	DOC2 Id Proof	PAN card	PAN card	N	OBDSJ	SAVINGSH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 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';
```

[Home](#)

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');
```

[Home](#)

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 });
```

[Home](#)

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

[Home](#)

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,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
('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,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
('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,n
ull);

```

```

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);
```

[Home](#)

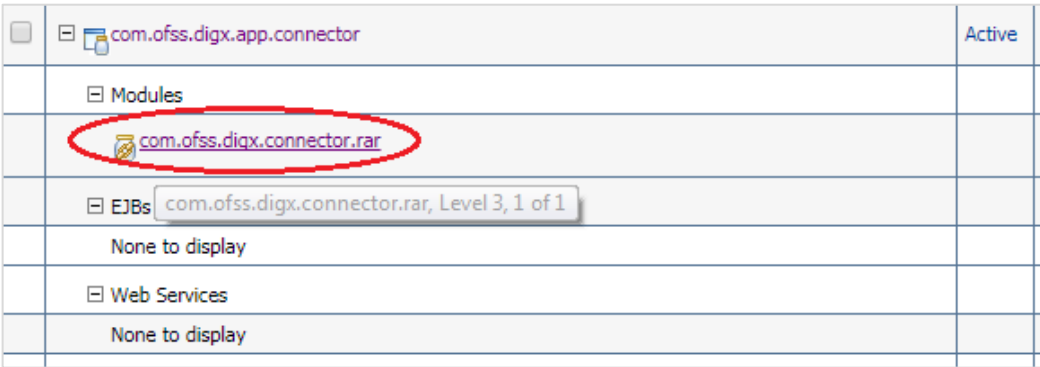
8. Security Credential Mapping for connector.ear

Please follow following steps

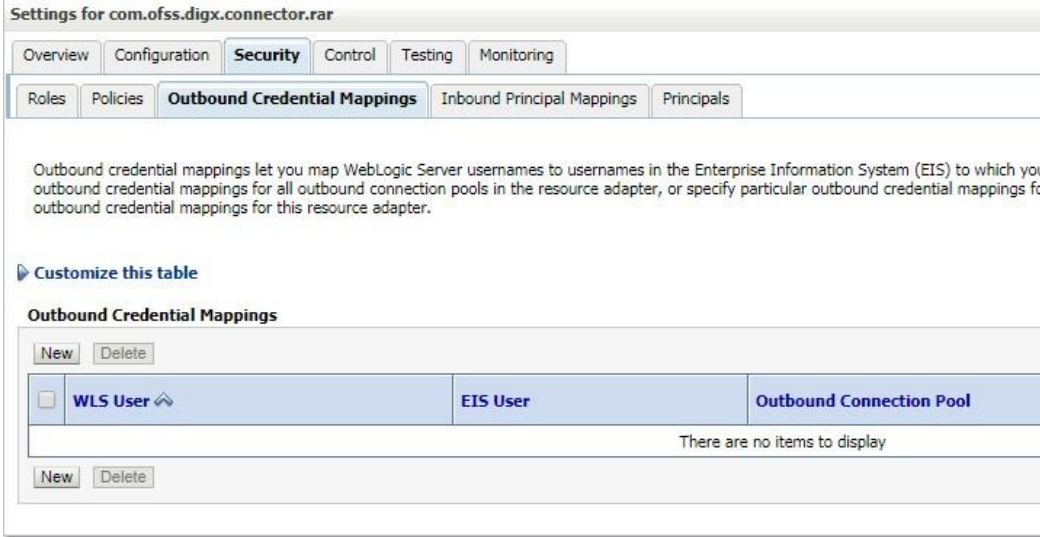
- 1. Login into Weblogic console.
- 2. Click on **Deployments**.
- 3. Expand by clicking '+' icon present in front of **com.ofss.digx.app.connector application** as shown below.



- 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.

[Home](#)

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').

[Home](#)