OBO and Third Party Setup and Configuration Guide
Oracle Banking Digital Experience Cloud Service
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ORACLE®

OBO and Third Party Setup and Configuration Guide

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1. Preface

1.1 <u>Intended Audience</u>

This document is intended for the following audience*:*

- Customers
- Partners

1.2 <u>Documentation Accessibility</u>

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 <u>Access to Oracle Support</u>

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 <u>Structure</u>

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.

2. Introduction

This document is intended for setting up OBDX 21.1.1.0 originations with OBO 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

Description of fields under origination tab:

Configuration of OBPY API:	
RPM Host Ip Address	Hostname of OBPY system
RPM Host Port	Port number of OBPY System
RPM App Id	App id for OBPY rest.
RPM User Id	User Id for OBPY rest
RPM Branch code	Branch code for OBPY rest.
Configurations of OBO API:	
RPM BP Host Ip Address	Hostname of OBO system
RPM BP Host port	Port number of OBO System
RPM BP APP ID	App id for OBO API
RPM BP User ID	User ID for OBO rest
RPM BP Branch code	Branch code for OBO rest
RPM BP Channel	Channel for OBO rest
RPM Entity Id	Entity ID of RPM
RPM Wallet Branch Code	Branch code used to open wallet branch code
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):	

Configuration of OBPY API:	
Microblink Host Ip Address	Hostname for OCR API.
Microblink Host port	Port number for OCR API.
OCR Authorization token	Authorization token for OCR API
OCR Document Categories	Document categories eligible for OCR
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.
Wallet Product Code	Business product code of wallet product.
Customer Subtype	"Customer subtype" tag value for OBO API
Insta Account Products	Comma separated business product codes which are insta products.

Configuration of OBPY API:	
No of Days for Re-KYC	No of days for Re-KYC as per Risk category. Eg. "Low,720,Medium,365,High,180"
	Here 720 days is validity of KYC for Low risk category level. 365 days is for medium and 180 days for High risk application. No of days as per risk category is configurable.

3.2 Additional (functional) Configuration

3.2.1 Configuring Repository adapter for Application:

- **OBO 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.di
gx.domain.origination.entity.application.repository.adapter.LocalApplicationRepositoryAdapte
r,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteApplicationRe
positoryAdapter','OBDX_BU',null,sysdate,'ofssuser',sysdate);

3.2.2 Configuring Repository adapter for Application Tracker:

- **OBO 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.of
ss.digx.domain.origination.entity.application.repository.adapter.LocalApplicationTrackerRepo
sitoryAdapter,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteA
pplicationTrackerRepositoryAdapter',<ENTITY_ID>,null,sysdate,'ofssuser',sysdate);

3.2.3 Configuring Repository adapter for Product Documents

- **OBO 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.LocalProductRepositoryA dapter', '<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	OBJE
1 DOC1	Address Poof	Aadhaar card	Aadhaar card	N	OBDXSJ	SAVINGSH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
2 DOC17	Address Proof	Aadhaar card	Aadhaar card	N	OBDXCP	CHECKINGH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
3 DOC19	Address Proof	Aadhaar card	Aadhaar card	N	OBDXCA	CHECKINGH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
4 DOC21	Id Proof	DL	Driving license	N	OBDXSJ	SAVINGSH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
5 DOC22	Id Proof	DL	Driving license	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
6 DOC23	Id Proof	DL	Driving license	N	OBDXCP	CHECKINGH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
7 DOC24	Id Proof	DL	Driving license	N	OBDXCA	CHECKINGH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
8 DOC3	Address Proof	Aadhaar card	Aadhaar card	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.05.03.000000000 AM	ofssuser	10-JUL-20 08.05.03.000000000 AM	A
9 DOC10	Id Proof	PAN Card	PAN Card	N	OBDUPL	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	OBDXAL	AUTOLOANH1	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	OBDXAL	AUTOLOANH1	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	OBDXAL	AUTOLOANH1	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	OBDXAL	AUTOLOANH1	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	OBDXAL	AUTOLOANH1	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	OBDXAL	AUTOLOANH1	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	OBDXCP	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	OBDXSJ	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 Poof','Aadhaar card','Aadhaar card','N','OBDXSJ','SAVINGSH1','ofssuser',SYSDATE,'ofssuser',SYSDATE, 'A',21);

3.2.4 <u>Configuring Repository adapter for Mid Office Content Repository</u>

- **OBO 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','OBDX_BU',null,sysd ate,null,null);

3.2.5 <u>Configuring Adapter Preference for Entity</u>

- **OBO Host Configuration:**

  Execute following query to find adapter preference of the entity.

  select * from digx_fw_config_all_o where prop_id = 'OBDX_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_Preference>' where
prop_id = 'OBDX_BU';

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

3.2.6 Configuring Origination Workflow (Loan Requirement Step)

- **OBO 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';
```

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','EDUCA TIONLOANH1','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,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS,OBJECT_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,sy
sdate,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','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_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
('FINANCIAL_LIABILITY_FREQUENCY','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_LIABILITY_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sy
sdate,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','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','LOCAL_OPEN_ENUM','OBDX_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','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','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','ofss
user',sysdate,'ofssuser',sysdate);
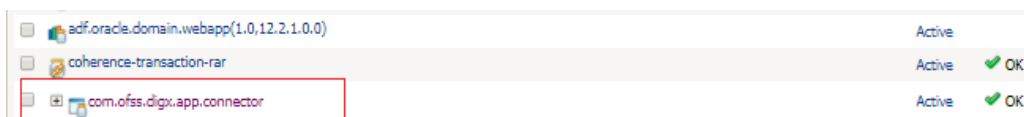

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('OBDX_BU.com.ofss.digx.extxface.common.adapter.IEnumerationAdapter.getISDCode','Extxfac
eAdapterPreference','com.ofss.digx.extxface.common.ubs124.impl.EnumerationAdapter','01','ofs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

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8. Security Credential Mapping for connector.ear
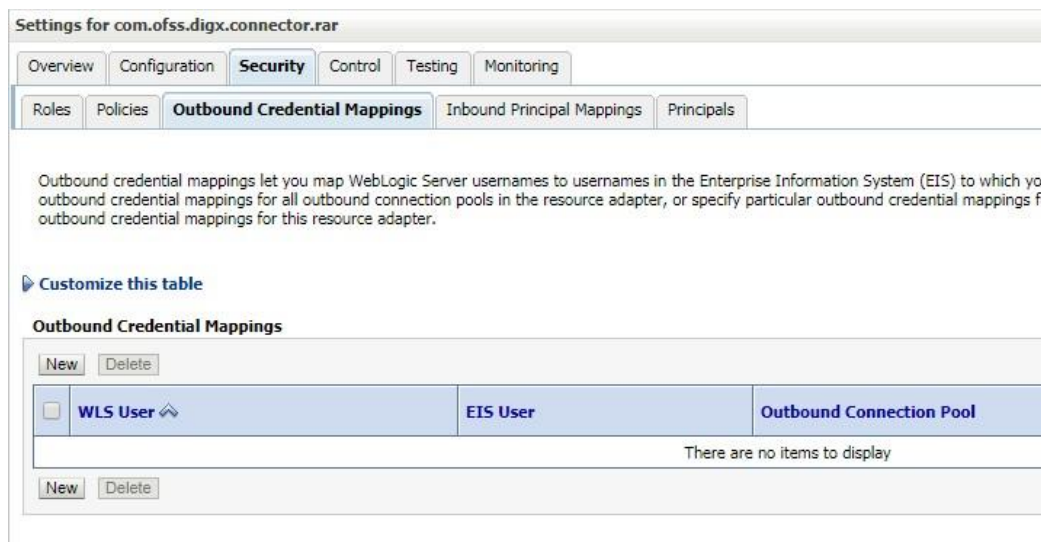
Please follow following steps

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.

☐	adf.oracle.domain.webapp(1.0,12.2.1.0.0)	Active	
☐	coherence-transaction-rar	Active	✔ OK
☐ ⊞	com.ofss.digx.app.connector	Active	✔ OK

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

☐	⊟ com.ofss.digx.app.connector	Active
	⊟ Modules	
	com.ofss.digx.connector.rar	
	⊟ EJBs com.ofss.digx.connector.rar, Level 3, 1 of 1	
	None to display	
	⊟ Web Services	
	None to display	

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

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 outbound credential mappings for all outbound connection pools in the resource adapter, or specify particular outbound credential mappings fo outbound credential mappings for this resource adapter.

▷ **Customize this table**

Outbound Credential Mappings

New	Delete

☐	WLS User ⌃	EIS User	Outbound Connection Pool
		There are no items to display	

New	Delete

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

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

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

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 OBO installation. For OBDX and mid Office OBO 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 OBO end-points configured in OBRH is "OBO"

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').

3. The list of Interface name that integrated with OBDX-Origination using OBRH as follows:

Interface Id	OBDX Screen	Description
READ_PARTY_ADDITIONAL_DETAILS	Internal Call – no screen	Existing customer workflow
OR_APPLICATIONOFFER_READ	Application tracker details	Read the offer of applicant
OR_APPLICATIONOFFER_CREATE	Application tracker details	Accept / Reject the offer
APPLICATION_DELETE	Delete Application on tracker page	Delete the ongoing applicant application
APPLICATION_TRACKER	Application Mobile Tracker	This API is used to continue application related to specific mobile number
OR_CLARIFICATION_LIST	Application tracker details	To and fro communication
OR_CLARIFICATION_UPDATE	Application tracker details	Update To and fro communication

Interface Id	OBDX Screen	Description
EXTRACT_TEXT_BASE64	Document upload screen	Document OCR
NI_NATIONALIDVERIFICATION_VALIDATE	National ID validation	Validate input national ID
NI_NATIONALIDVERIFICATION_INITIATE	National ID verification screen	Initiate National ID verification process
CREATE_APPLICATION	After verifying mobile number	Request to create application on OBO
ORG_PRODUCT_LIST_CREDITCARDH1	Selection of Credit card from products	List of Credit card products
ORG_PRODUCT_LIST_TERMDEPOSITH1	Selection of Term Deposit from products	List of TD products
ORG_PRODUCT_LIST_CHECKINGH1	Selection of Checking Account from products	List of Checking Account products
ORG_PRODUCT_LIST_SAVINGSH1	Selection of Saving Account from products	List of Saving Account products
ORG_PRODUCT_LIST_AUTOLOANH1	Selection of Auto Loan from products	List of Auto Loan products
ORG_PRODUCT_LIST_HOMELOANH1	Selection of Home Loan from products	List of Home Loan products
ORG_PRODUCT_LIST_EDUCATIONLOANH1	Selection of Education Loan from products	List of Education Loan products
ORG_PRODUCT_LIST_PERSONALLOANH1	Selection of Personal Loan from products	List of Personal Loan products

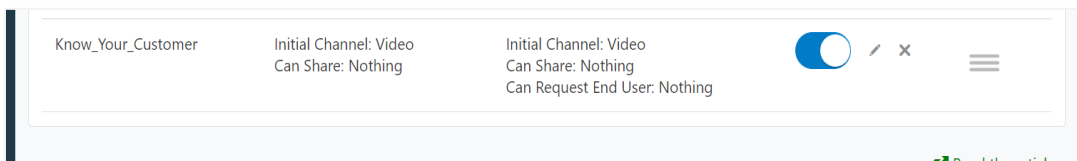| Interface Id	OBDX Screen	Description
ORG_PRODUCT_LIST_WALLETH1	Selection of Wallet from products	List of Wallet products
ENUMERATION_LIST_GETSERVICEBRANCH	Personal Information screen	Armed force service member type of service
ENUMERATION_LIST_FETCHAPPLICANTLOCATION	Personal Information screen	List of locations
ENUMERATION_LIST_FETCHINSIDERPROFILEROLE	Personal Information Screen	If applicant's relative is bank member so his/her role in bank
CITY_LIST	Personal Information Screen	List of cities
ORG_PRODUCT_LIST	On selection of Product Categories	List of All Main Products

10. Live Experience Configuration

Following connectors required in Weblogic for LX to run

1. ra/DIGXConnectorLIVEEXP (Live experience Credentials)

2. ra/DIGXConnectorNETVERIFY (Jumio Credentials)

Note: Retail Origination uses Know Your Customer Engagement scenario.

Note: For Live Experience server configuration please refer to "Live Experience Configuration Guide" under "Technical Documents"

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11. Jumio Configuration

1. Login to https://customer-portal.netverify.com/ and note bearer token.

2. Bearer token is required to update in OBRH Service consumer. Go to environment variables.