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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility


1.3 Access to OFSS Support


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 describe the following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking APIs Release 18.2.0.0.0, refer to the following documents:

- User Manual Oracle Banking APIs Installation Guide
2. Introduction

This document is intended for setting up OBAPIs 18.2.0.0.0 originations with FCUBS 12.4 release.
3. **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.

   ![Weblogic console screenshot showing expanded application]

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

   ![Weblogic console screenshot showing selected application]

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Security credential mapping for connector.ear
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.
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 → OBDX_PASSWORD123
   • Confirm Password → OBDX_PASSWORD123

10. Restart the manage server to activate the changes.
4. Database Configuration

Following configurations need to be done post installation

4.1 System Configuration

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

4.2 Additional (functional) Configurations

These are non-mandatory configurations. Default values for these configurations are available through day 0 scripts. Bank can change these values as per their business need.

Table ‘digx_fw_config_var_b’

<table>
<thead>
<tr>
<th>Category Id</th>
<th>Property Id</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OriginationUserRole</td>
<td>USER_ROLE_CUSTOMER</td>
<td>Default roles for Origination user creation. The prop_id does not matter. All roles for category_id 'OriginationUserRole' would be assigned to the created user.</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>ORG_DOB_AGE_LIMIT_CHECK</td>
<td>Whether DOB check is local or to be done remotely. Possible values are LOCAL or REMOTE. For this setup it will be LOCAL</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>ORG_DOB_AGE_LIMIT</td>
<td>DOB Age Limit Value. In case the above property value is LOCAL, the age limit in number is to be specified for this property.</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>USERNAME_TYPE</td>
<td>Username type while registering the prospect. Possible values EMAIL/OTHERS</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>LIST_CANCELLATION_DAYS</td>
<td>Submission Cancellation List Range. This value will be used in Report Generation for Cancelled Applications. This property indicates the number of days for which the cancellation report will be generated.</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>ORIG_PI_EMAIL_VERIFICATION_REQUIRED</td>
<td>If Email Verification via OTP is required.</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>CONTENT_UPLOAD_ALLOWED_TYPE_LIST</td>
<td>File types allowed for document uploading. Example:- .txt,.png,.xlsx,.doc,.pdf,.jpeg,.jpg</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>CONTENT_UPLOAD_MIME_TYPES_WHITE_LIST</td>
<td>Allowed MIME types for file uploading. Example:- application/pdf,image/jpeg,image/png</td>
</tr>
<tr>
<td>Category Id</td>
<td>Property Id</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>CONTENT_UPLOAD_MIME_TYPES_ZIP_LIST</td>
<td>Allowed MIME types for uploading zip document.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Example:- application/x-compressed</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>IS_REGISTRATION_MANDATORY</td>
<td>This flag used to force mandatory channel registration while submitting application</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>MAX_ALLOWED_VEHICLE_AGE</td>
<td>Maximum age allowed for vehicle in number of years</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>ORIGINATION_WORKFLOW_LOADER</td>
<td>Workflow loader configuration</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>VEHICLE_MILEAGE_MAX_LIMIT</td>
<td>Maximum mileage of used vehicle needs to be captured</td>
</tr>
<tr>
<td>OriginationConfig</td>
<td>VEHICLE_YEAR_MAX_LIMIT</td>
<td>Maximum duration of used vehicle needs to be captured</td>
</tr>
</tbody>
</table>

### 4.3 Dealer Maintenance

Dealer details can be maintained in OBAPIs database at table `digx_or_dealer_details`

### 4.4 Social Media Integration

Please refer `User Manual Oracle Banking APIs Origination Social Media Integration.pdf` document to have social media integration.

Home
5. **Product Configuration**

To enable the products execute the following script.

Update `DIGX.OR.PRODUCT_TYPE` set `STATUS = 'ACTIVE'` where ID IN ('SAVINGSH3','CHECKINGH3','AUTOLOANH3','PERSONALLOANH3') and `DETERMINANT_VALUE='OB_DX_BU'`;

Where 'OB_DX_BU' is the entity id for which the system is configured.

This will enable the savings, current accounts, auto loans, and personal loans products.
6. Admin Maintenance

6.1 Income Type maintenance

Execute the following scripts to add income type maintenance.

Where OB DX_BU is the entity id for which the FCUBS host is configured.

Insert into DIGX_OR_FIN_INC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('B', 'Business', 30, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_FIN_INC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('S', 'Salary', 10, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_FIN_INC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('R', 'Rent', 20, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_FIN_INC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('O', 'Others', 40, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

6.2 Liability Type maintenance

Execute the following scripts to add liability type maintenance.

Where OB DX_BU is the entity id for which the FCUBS host is configured.

Insert into DIGX_OR_FIN_LIAB_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('E', 'Lease', 10, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_FIN_LIAB_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('R', 'Rent', 20, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_FIN_LIAB_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('L', 'Loan', 30, 'OB DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);
6.3 Accommodation Type maintenance

Execute the following scripts to add accommodation type maintenance.

Where OB_DX_BU is the entity id for which the FCUBS host is configured.

Insert into DIGX_OR_ACC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('O', 'Other', 30, 'OB_DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_ACC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('S', 'Self Owned', 20, 'OB_DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

Insert into DIGX_OR_ACC_TYPE (CODE, DESCRIPTION, ORDINAL, DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATE_DATE, OBJECT_STATUS, OBJECT_VERSION_NUMBER) values ('C', 'Company Provided', 10, 'OB_DX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

6.4 Financial Parameters maintenance

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('RT','OB_DX_BU','Rent','Expense',10,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('FD','OB_DX_BU','Food','Expense',20,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('TR','OB_DX_BU','Transport','Expense',40,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('HC','OB_DX_BU','Healthcare','Expense',50,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('CH','OB_DX_BU','Childcare','Expense',70,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('EDU','OB_DX_BU','Education','Expense',80,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('OTH','OB_DX_BU','Other','Expense',90,'PERSONAL_LOAN');
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('LN','OB_DX_BU','Loan','Liability',10,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('LS','OB_DX_BU','Lease','Liability',20,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('OTH','OB_DX_BU','Other','Liability',40,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('EM','OB_DX_BU','Salary','Income',10,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('RE','OB_DX_BU','Rental Income','Income',20,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('EM','OB_DX_BU','Salary','Income',10,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('RE','OB_DX_BU','Rental Income','Income',20,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('RT','OB_DX_BU','Rent','Expense',10,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('FD','OB_DX_BU','Food','Expense',20,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('TR','OB_DX_BU','Transport','Expense',40,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('HC','OB_DX_BU','Healthcare','Expense',50,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('CH','OB_DX_BU','Childcare','Expense',70,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('EDU','OB_DX_BU','Education','Expense',80,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('OTH','OB_DX_BU','Other','Expense',90,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('LN','OB_DX_BU','Loan','Liability',10,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('LS','OB_DX_BU','Lease','Liability',20,'AUTOMOBILE');
Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('OTH','OBDX_BU','Other','Liability',40,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('L','OBDX_BU','Land','Assets',10,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('P','OBDX_BU','Property','Assets',20,'PERSONAL_LOAN');

Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('L','OBDX_BU','Land','Assets',10,'AUTOMOBILE');

Insert into DIGX.OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('P','OBDX_BU','Property','Assets',20,'AUTOMOBILE');