

Oracle Banking APIs
FCUBS Setup and Configuration Guide
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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

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 OFSS 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 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.

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3. Security credential mapping for connector.ear

Please follow following steps

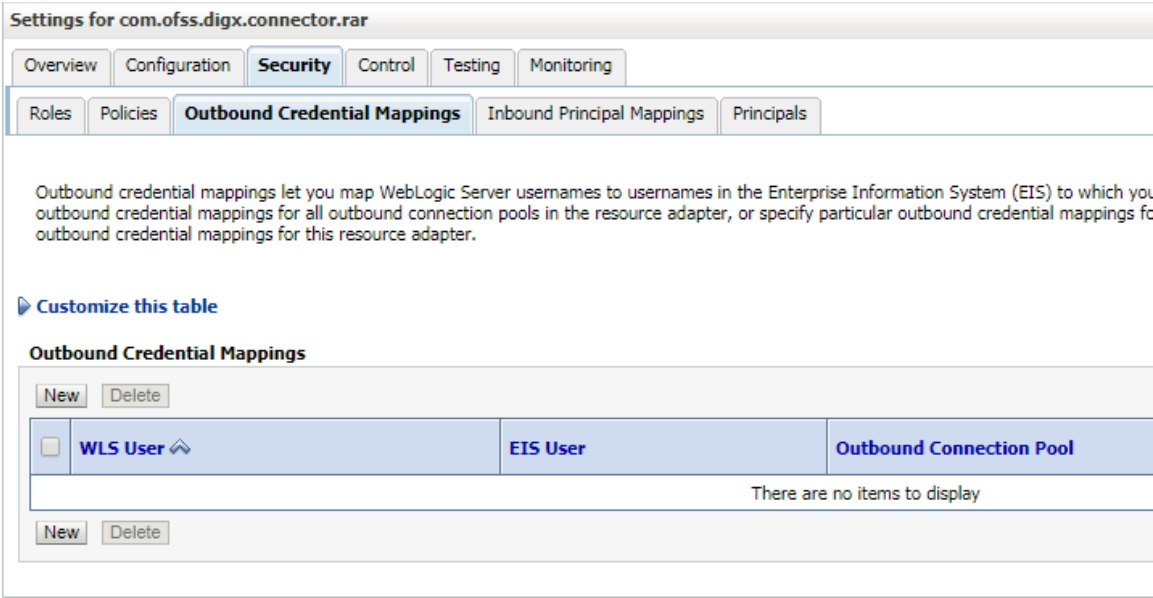
1. Login into Weblogic console.
2. Click on **Deployments**.
3. Expand by clicking '+' icon present in front of **com.ofss.digx.app.connector** application as shown below.



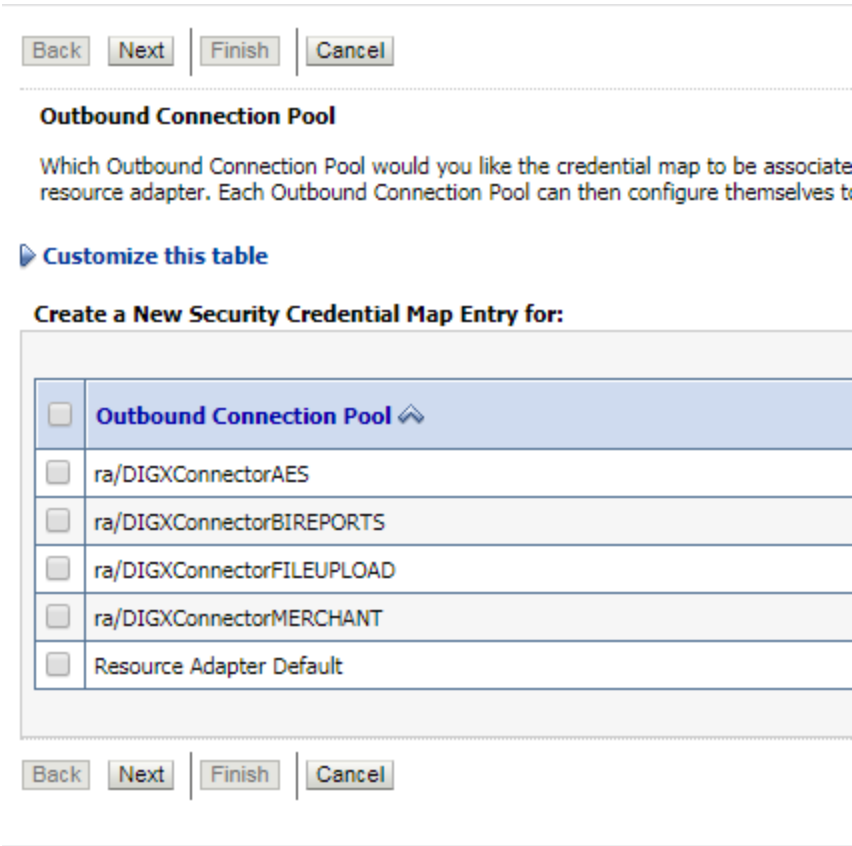
4. Click **com.ofss.digx.connector.rar** as shown below.

<input type="checkbox"/>	<input type="checkbox"/> com.ofss.digx.app.connector	Active
	<input type="checkbox"/> Modules	
	<input checked="" type="checkbox"/> com.ofss.digx.connector.rar	
	<input type="checkbox"/> EJBs com.ofss.digx.connector.rar, Level 3, 1 of 1	
	None to display	
	<input type="checkbox"/> Web Services	
	None to display	

- 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.

Back
Next
Finish
Cancel

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 S

- User for creating initial connections**
- Default User**
- Unauthenticated WLS User**
- Configured User Name**

WebLogic Server User Name:

Back
Next
Finish
Cancel

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

Back
Next
Finish
Cancel

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::**

Back
Next
Finish
Cancel

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.

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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'

Category Id	Property Id	Description
OriginationUserRole	USER_ROLE_CUSTOM ER	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.
OriginationConfig	ORG_DOB_AGE_LIMIT_ CHECK	Whether DOB check is local or to be done remotely. Possible values are LOCAL or REMOTE. For this setup it will be LOCAL
OriginationConfig	ORG_DOB_AGE_LIMIT	DOB Age Limit Value. In case the above property value is LOCAL, the age limit in number is to be specified for this property.
OriginationConfig	USERNAME_TYPE	Username type while registering the prospect. Possible values EMAIL/OTHERS
OriginationConfig	LIST_CANCELLATION_ DAYS	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.
OriginationConfig	ORIG_PI_EMAIL_VERIFI CATION_REQUIRED	If Email Verification via OTP is required.
OriginationConfig	CONTENT_UPLOAD_AL LOWED_TYPE_LIST	File types allowed for document uploading. Example:- .txt,.png,.xlsx,.doc,.pdf,.jpeg,.jpg
OriginationConfig	CONTENT_UPLOAD_MI ME_TYPES_WHITE_LIS T	Allowed MIME types for file uploading. Example:- application/pdf,image/jpeg,image/png

Category Id	Property Id	Description
OriginationConfig	CONTENT_UPLOAD_MIME_TYPES_ZIP_LIST	Allowed MIME types for uploading zip document. Example:- application/x-compressed
OriginationConfig	IS_REGISTRATION_MANDATORY	This flag used to force mandatory channel registration while submitting application.
OriginationConfig	MAX_ALLOWED_VEHICLE_AGE	Maximum age allowed for vehicle in number of years
OriginationConfig	ORIGINATION_WORKFLOW_LOADER	Workflow loader configuration
OriginationConfig	VEHICLE_MILEAGE_MAX_LIMIT	Maximum mileage of used vehicle needs to be captured
OriginationConfig	VEHICLE_YEAR_MAX_LIMIT	Maximum duration of used vehicle needs to be captured

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.

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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='OBDX_BU';
```

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

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

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6. Admin Maintenance

6.1 Income Type maintenance

Execute the following scripts to add income type maintenance.

Where OBDX_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, 'OBDX_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, 'OBDX_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, 'OBDX_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, 'OBDX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);
```

6.2 Liability Type maintenance

Execute the following scripts to add liability type maintenance.

Where OBDX_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, 'OBDX_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, 'OBDX_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, 'OBDX_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 ('O', 'Others', 40, 'OBDX_BU', 'superadmin', sysdate, 'superadmin', sysdate, null, 1);

6.3 Accommodation Type maintenance

Execute the following scripts to add accommodation type maintenance.

Where OBDX_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, 'OBDX_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, 'OBDX_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, 'OBDX_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', 'OBDX_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', 'OBDX_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', 'OBDX_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', 'OBDX_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', 'OBDX_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', 'OBDX_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', 'OBDX_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','OBDX_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','OBDX_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','OBDX_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','OBDX_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','OBDX_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','OBDX_BU','Salary','Income',10,'AUTOMOBILE');

Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('RE','OBDX_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','OBDX_BU','Rent','Expense',10,'AUTOMOBILE');

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

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

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

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

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

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

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

Insert into DIGX_OR_FINANCIAL_PARAMETERS
(CODE,DETERMINANT_VALUE,DESCRIPTION,FIN_PARAM_TYPE,ORDINAL,PRODUCT_SUB_CLASS) values ('LS','OBDX_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');
```

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