Oracle Banking Digital Experience

OBDX-Third Party Configuration
Release 17.2.0.0.0

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ORACLE®

OBDX-Third Party Configuration

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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

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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

- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 17.2.0.0.0, refer to the following documents:

- Oracle Banking Digital Experience Licensing Guide

2. Configurations

OBDX is the banking solution platform which needs to be integrated with one of core banking systems retrieve the customer banking details and to execute the set of operations on the core banking system as per the service requirement.

Below are the tables which need to be updated for day one configurations while implementing OBDX with third party.

- **DIGX_FW_CONFIG_ALL_B**

This table maintains all the required day one configurations at DIGX. Based on category id and property id, property value will be returned and used in the system. Configurations like day one, adapter factories configurations, third party properties and configurations, External systems bank and branch configuration etc. are maintained in this table.

Column prop_value needs to be updated based on Category_ID and Prop_ID.

Sr No	CATEGORY_ID	PROP_ID	PROP_VALUE
1	ExtSystemsConfig	SESSION_BANK_CODE	Update the Bank Code of the Bank. (Run the Update Query)
2	ExtSystemsConfig	SESSION_TRANSACTION_BRANCH HEADER_APPLICATION_BRANCH HEADER_DATA_ENTRY_BRANCH	Update the Bank Code of the Bank. (Run the Update Query)
3	fileuploadconfig	WORKAREA_PATH RESPONSE_FILE_PATH	Create a Folder where Weblogic is Installed. Update the File Upload Path for the folder Created. (Run the Update Query)
4	Dayoneconfig	EXTERNAL_PAYMENT_REDIRECTION_URL	Update the Redirection URL from Merchant Site. replace(PROP_VALUE, '<hostname>:<port>', Current Bank URL's IP:Current Bank URL's Port') (Run the Update Query)

Sr No	CATEGORY_ID	PROP_ID	PROP_VALUE
5	Dayoneconfig	CLAIM_PAYMENT	Update the Current Bank URL with Module=home: for e.g. http://mum00boi:8888/index/public/model-bank.html?module=home (Run the Update Query)
6	ExtXfaceSimConfig	Interface Id for transaction. E.g. SELF_TRANSFER	SUCCESS/FAILURE Configuration for simulation xmls to pick up. SUCCESS: success sim will be picked up and transaction will be successful. FAILURE: failure sim will be picked up and transaction will fail.
7	ExtXfaceConfig	EXT_SYSTEM_Q_JNDI_NAME	ExtSystemSenderQueue External system queue JNDI name on which request is to be sent
8	ExtXfaceConfig	EXT_SYSTEM_QCF_JNDI_NAME	ExtSystemSenderQCF External system queue connection factory JNDI name on which request is to be sent
9	ExtXfaceConfig	RECEIVER_Q_JNDI_NAME	ExtSystemReceiverQueue Receiver queue JNDI name
10	ExtXfaceConfig	RECEIVER_QCF_JNDI_NAME	ExtSystemReceiverQCF Receiver queue connection factory JNDI name
11	ExtXfaceConfig	ENDPOINT	com.ofss.digx.app.extxface.impl.endpoint.JMSEndpoint This is configuration for endpoint to be called based on what third party has exposed for response.
12	ExtXfaceConfig	XSD_VALIDATION	TRUE/FALSE TRUE: Indicates request and response will be validated against XSD. FALSE: Indicates request and response will not be validated against XSD.

Sr No	CATEGORY_ID	PROP_ID	PROP_VALUE
13	ExtXfaceConfig	TIMEOUT_MILLISEC	60000 Configures time in milliseconds for which receiver will wait for response to be posted on receiver queue by external system.

For thirdparty simulation:

update DIGX_FW_CONFIG_ALL_B set prop_value= '000' where category_id ='ExtSystemsConfig' and prop_id = 'SESSION_BANK_CODE';

update DIGX_FW_CONFIG_ALL_B set prop_value= 'AT3' where category_id ='ExtSystemsConfig' and prop_id = 'SESSION_TRANSACTION_BRANCH';

update DIGX_FW_CONFIG_ALL_B set prop_value= 'AT3' where category_id ='ExtSystemsConfig' and prop_id='HEADER_APPLICATION_BRANCH';

update DIGX_FW_CONFIG_ALL_B set prop_value= 'AT3' where category_id = 'ExtSystemsConfig' and prop_id = 'HEADER_DATA_ENTRY_BRANCH';

update DIGX_FW_CONFIG_ALL_B set prop_value= '/home/devops/obdx/fileupload' where category_id = 'fileuploadconfig' and prop_id ='WORKAREA_PATH';

update DIGX_FW_CONFIG_ALL_B set prop_value= '/home/devops/obdx/fileupload' where category_id = 'fileuploadconfig' and prop_id ='RESPONSE_FILE_PATH';

update digx_fw_config_all_b SET PROP_VALUE = replace(PROP_VALUE, '<hostname>:<port>', 'mum00boi:8888') where prop_id='EXTERNAL_PAYMENT_REDIRECTION_URL';

update digx_fw_config_all_b SET prop_value = 'http://mum00boi:8888/index/public/model-bank.html?module=home' WHERE prop_id = 'CLAIM_PAYMENT' AND category_id = 'dayoneconfig';

- **DIGX_CS_BRANCH_DATES_B**

This table maintains branch information and like bank code, branch code, current date, previous and next working date. Values in this table need to be updated whenever there is change in bank or branch in the host system.

Sr No	BANK_CODE	Columns to be Updated
1	08	BANK_CODE – Update the Bank Code of the Bank. BRANCH_CODE – Update the Branch Code of the Bank. CURR_DATE - – Update the Current Date of the Bank. PREV_WORKING_DATE – Update the Previous Working Date of the Bank. NEXT_WORKING_DATE – Update the Next Working Date of the Bank. (Run the Update Query)

For thirdparty simulation:

update DIGX_CS_BRANCH_DATES_B set branch_code='AT3', bank_code='000' WHERE bank_code = '08';

- **DIGX_FW_CONFIG_OUT_WS_CFG_B**

This table maintains configuration of web services and their stubs which are used by DIGX. Service and process determines web service to be called, stub service, log handler etc.

Sr No	Service_ID	URL
1	runReport	Update the SOAP service url of oracle BI.(Run the Update Query)

Find below is the script created **for your reference:**

update DIGX_FW_CONFIG_OUT_WS_CFG_B set URL=
'http://10.184.133.240:9502/xmlpserver/services/v2/ReportService?WSDL' where service_id = 'runReport';

- **DIGX_CS_BANKS_ALL_B**

This table holds bank details like bank code, bank name, address etc. Values in this table need to be updated whenever there is change in bank details in the host system.

Sr No	BANK_CODE	BANK_CODE
1	08	BANK_CODE – Update the Bank Code of the Bank. (Run the Update Query)

For thirdparty simulation:

update DIGX_CS_BANKS_ALL_B set bank_code='000' WHERE bank_code='08';

- **DIGX_FW_BANK_CONFIG**

This table holds bank details like bank code, home branch, currency and region. Values in this table need to be updated whenever there is change in bank details in the host system.

Sr No	Columns	Values
1	BANKCODE	Insert the Bank Code of the Bank.
	HOME_BRANCH	Insert the Branch Code of the Bank.
	CAL_CURRENCY	Insert the Calendar Currency of the Bank.
	LOCAL_CURRENCY	Insert the Local Currency of the Bank.
	CREATED_BY	Ofssuser
	CREATION_DATE	Sysdate
	ENTITY_STATUS	A
	LAST_UPDATED_BY	Ofssuser
	LAST_UPDATE_DATE	Sysdate
	OBJECT_VERSION_NUMBER	1
	REGION	Region of the Bank
		(Run the Insert Query)

For thirdparty simulation:

insert into DIGX_FW_BANK_CONFIG
(BANKCODE,HOME_BRANCH,CAL_CURRENCY,LOCAL_CURRENCY,CREATED_BY,
CREATION_DATE, ENTITY_STATUS, LAST_UPDATED_BY, LAST_UPDATE_DATE,
OBJECT_VERSION_NUMBER,REGION)values ('000','AT3','GBP','GBP','ofssuser',sysdate, 'A','ofssuser',
sysdate, 1,'INDIA');

- **DIGX_FW_BANK_CONFIG_MODULE**

This table holds banking types supported by bank.CON indicates conventional banking and ISL is for Islamic banking.

Sr No	Columns	Values
1	BANKCODE	Insert the Bank Code of the Bank.
	MODULE	CON, ISL
		(Run the Insert Query)

For thirdparty simulation:

Insert into DIGX_FW_BANK_CONFIG_MODULE (BANKCODE,MODULE) values ('000','CON');

Insert into DIGX_FW_BANK_CONFIG_MODULE (BANKCODE,MODULE) values ('000','ISL');

- **FLX_CS_BANK_CODES_ALL_B**

This table holds bank code and description which is maintained in the system.

Sr No	Columns	Values
1	BANK_CODE	Insert the Bank Code of the Bank.
	BANK_CODE_NUM	Insert the Bank Code Number of the Bank.
	BANK_DESC	Insert the Bank Description of the Bank.
	OBJECT_STATUS_FLAG	A
	OBJECT_VERSION_NUMBER	1
	CREATED_BY	TELLER1
	LAST_UPDATED_BY	TELLER2
	CREATION_DATE	Sysdate
	LAST_UPDATE_DATE	Sysdate
	DOMAIN_OBJECT_EXTN	CZ
		(Run the Insert Query)

For thirdparty simulation:

Insert into FLX_CS_BANK_CODES_ALL_B
(BANK_CODE,BANK_CODE_NUM,BANK_DESC,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBE
R,CREATED_BY,LAST_UPDATED_BY,CREATION_DATE,LAST_UPDATE_DATE,DOMAIN_OBJECT_EX
TN) values ('000',000,'OBP Demo Bank','A',1,'TELLER1','TELLER2',sysdate,sysdate,'CZ');

- **DIGX_CS_CURRENCY_TASK_LINKAGE**

This table maintains mapping of payment task code with currencies. This is used to populate currency
dropdown in payments screens.

Sr No	Columns	Values
1	CURRENCY_CODE	GBP, INR, GBP, INR, GBP, INR, USD, USD, USD
	TASK_CODE	INTERNATIONALFT_PAYLATER, INTERNATIONALFT_PAYLATER, INTERNATIONALDRAFT, INTERNATIONALDRAFT, INTERNATIONALFT, INTERNATIONALFT, INTERNATIONALFT, INTERNATIONALDRAFT, INTERNATIONALFT_PAYLATER
		OFSSUser
		to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss')
	CREATED_BY	OFSSUser
	CREATION_DATE	to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss')
	LAST_UPDATED_BY	
	LAST_UPDATED_DATE	''
		1
	STATUS_FLAG	OBP_BU
	VERSION	(Run the Insert Query)
	DETERMINANT_VALUE	

For thirdparty simulation:

Find below is the script created for your reference:

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('GBP', 'INTERNATIONALFT_PAYLATER', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('INR', 'INTERNATIONALFT_PAYLATER', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('GBP', 'INTERNATIONALDRAFT', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('INR', 'INTERNATIONALDRAFT', 'OFSSUser', to_date('24-11-2016

09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('GBP', 'INTERNATIONALFT', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('INR', 'INTERNATIONALFT', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('USD', 'INTERNATIONALFT', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('USD', 'INTERNATIONALDRAFT', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

insert into DIGX_CS_CURRENCY_TASK_LINKAGE (CURRENCY_CODE, TASK_CODE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, STATUS_FLAG, VERSION, DETERMINANT_VALUE)values ('USD', 'INTERNATIONALFT_PAYLATER', 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), 'OFSSUser', to_date('24-11-2016 09:17:29', 'dd-mm-yyyy hh24:mi:ss'), '', 1, 'OBP_BU');

2.1   Preference

Do changes in /config/Preferences.xml: Preference **AdapterFactories** should be overridden by preference **AdapterFactoriesExtSystem**.

```
<Preference            name="AdapterFactories"            overriddenBy="AdapterFactoriesExtSystem"
PreferencesProvider="com.ofss.fc.infra.config.impl.DBBasedPropertyProvider"      parent="jdbcpreference"
propertyFileName="select   prop_id,   prop_value   from   digx_fw_config_all_b   where   category_id   =
'adapterfactoryconfig'" syncTimeInterval="60000" />
```