# **Oracle Banking APIs**

**OFSLL Setup and Configuration Guide** 

Release 18.1.0.0.0

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OFSLL Setup and Configuration Guide April 2018

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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 <a href="http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc">http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc</a>.

## 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

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters cover following

- Introduction
- Prerequisites
- Installation
- Post Installation Steps

### 1.5 Related Information Sources

For more information on Oracle Banking APIs Release 18.1.0.0.0, refer to the following documents:

- Oracle Banking APIs Installer Pre-Requisite Setup Guide
- Oracle Banking APIs Installation Guide

## 2. Introduction

## 2.1 Purpose of the Document

The purpose of the OBAPIs OFSLL Installation Guide is to provide a step by step overview on the installation process of the solution.

It includes:

- Installation of OBAPIs 18.1.0.0.0 OFSLL with Oracle's own Core Banking and Origination Products.
- Advanced Configurations (Post installation)

<u>Home</u>

# 3. Prerequisites

OBAPIs 18.1.0.0.0 with OBP BASE flavor should be installed through OBAPIs Installer. This installation will be henceforth referred to in this manual as 'OBAPIs18.1 Base'.

For OBAPIs 18.1 Base installation, refer documents mentioned in section 1.5 Related Information Sources.

<u>Home</u>

## 4. Installation

### 4.1 Pre Installation

OBAPIs18.1.0.0.0 Base with OBP flavor should be installed through installer.

### 4.2 Preference

Changes in preference.xml: (refer /config/preference.xml)

1> Preference EnumerationConfig should override preference

EnumerationConfigOFSLL143 as given below. <Preference name="EnumerationConfig" overriddenBy="EnumerationConfigOFSLL143" PreferencesProvider=".. />

2> Preference CustomBusinessPolicyPreferences should override preference CustomBusinessPolicyPreferencesOFSLL143 as given below.

<Preference name="CustomBusinessPolicyPreferences" overriddenBy="CustomBusinessPolicyPreferencesOFSLL143" PreferencesProvider="..

/>

/>

- 3> Preference OriginationConfig should override preference
  - OriginationConfig\_ofsII143 as given below. <Preference name="OriginationConfig" overriddenBy="OriginationConfig\_ofsII143" PreferencesProvider="..

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l version="1.0" encoding="UTF-8"?>
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## 4.3 Steps of Installation

Download and extract. Post extraction '**OBAPIs\_LZNInstaller**' folder would be available. Ensure before installation following sub-directories are available:

- app
- db
- ui

#### 4.3.1 Application deployment

The **'app'** directory will have 3 artifacts to be deployed on the OBAPIs 18.1.0.0.0 Base Application server.

- i. obdx.app.rest.ear
  - Un-deploy 'obdx.app.rest.ear' Enterprise Application from OBAPIs 18.1 Application Server. This artifact had been deployed as a part of OBAPIs 18.1 Base Installation.
  - Deploy 'obdx.app.rest.ear' artifact as an Enterprise Application.
- ii. obdx.lz.us.app.domain.ear
  - Deploy this artifact as a **library**.
- iii. obdx.lz.us.extsystem.domain.ear
  - Deploy this artifact as a **library**.

**Note**: First shut down the application server. Go to deployments. Un-deploy the REST application project of the OBAPIs 18.1.0.0.0 Base and deploy REST application project of the OBAPIs 18.1.0.0.0 US LZN, two libraries (ii & iii) and an application (iv) as mentioned above. All other libraries of OBAPIs 18.1.0.0.0 Base are required for OBAPIs OFSLL setup. Do not remove them. Start the application server.

#### Steps to Un-deploy library/application -

Login into Weblogic Server. Go to Deployments. Select the library/application and click on delete.

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Domain Structure	Locate deployment to install and	prepare for deployment	
LZN172	Select the file path that represents the	e application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the pa	ath of the application
-Environment	Meter Only wild file eaths are disal	und balaus 16 cars exampt find carse dealarment film. Helped carse film(s) and/or confirm that carse analization contains the constant dealarment description	
Deployments Services	Note: Only valid file paths are displa	yeu below. If you cannot nito your deproyment nies, oproad your niets) and/or commit that your application contains the required deproyment descript	ors.
Security Realms	Path:	ninomalde repaidenteinit 70 070 er voren deninteer er optie Statut die er privadiden win earlappie 5dx iz ee appwedideme	in.ear
Interoperability     Diagnostics	Recently Used Paths:	(none) mum00hrs in earde com / henre / deuene / deurie / 1781772 / convers / AdminSonver / unlead / obdy in us and undil deurie are / and	
-	Current Location:	mumuuuzs.in.oracie.com / nome / devops / domain / L2N1/2 / servers / Adminiserver / upidad / dodx.iz.us.app.wsai.domain.ear / app	
	U - D obdx.lz.us.spp.wed.don	rain.ear	
	Back Next Finish Cancel		
How do I			
<ul> <li>Start and stop a deployed enterprise application</li> </ul>			
Configure an enterprise application			
Create a deployment plan			
<ul> <li>Target an enterprise application to a server instance</li> </ul>			
Test the modules in an enterprise application			
Custom Status			

0

\_ \_ o × Install Application Assista ← → C () ☆ 🔕 🗘 🖬 🗄  $/console/console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/appSelected actionState actionS$ ORACLE WebLogic Server Administration Console 12c Welcome, weblogic Connected to: LZN172 Change Center No pending changes exist. Click the Release Configuration button to allow others to edit the Configuration button to allow others to edit the Lock & Edit
Release Configuration
Back Next Finish Cancel
Choose installation type and scope
Select if the deployment should be installed as an application or library. Also decide the scope of this deployment. Domain Structure
The application and its components will be targeted to the same locations. This is the most common usage. Domain Structure
21/172
Domain Partitions
Deployments
Deployments
Deproved
Services
Security Realms
Denteroperability
Deployments
Deployme Install this deployment as an application Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications Install this deployment as a library Select a scope in which you want to install the deployment. Scope: Global 🔻 Back Next Finish Cancel How do I... Start and stop a deployed enterprise application

Select 'Install as library/application', as per the deployment.

#### Select the managed server/cluster to deploy on. Click on Next.

Install Application Assista		4	- 6	3	×
← → C ①	/console/console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/targetStyleSelected	\$	0		:
👯 Apps 📙 12.0.3 🍌 BUG Ġ Googl	- 🗅 Bug Jira 📙 OBDX 16.2 📙 IT 17.1 KSUPP 📙 Origination 17.1 📙 Origination 17.2 🧟 Jenkins 17.2 📒 Installer 👻 Central JIRA 📒 17.2 ITR 🥃	17.2 ITR Adr	nin		
	inistration Console 12c			Q	
Change Center	🏦 Home Log Out Preferences 🖾 Record Help	veblogic Con	nected to:	LZN17	2
View changes and restarts	Home >Summary of Deployments >Summary of Environment >Summary of Servers >Summary of Deployments				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Select deployment targets           Select the servers and/or dusters to which you want to deploy this application. (You can reconfigure deployment targets later).				
12912 Domain Partitions Department Depa	Available targets for obdx.lz.us.app.wsdl.domain : Servers AdminServer Clusters InstallerTest All servers in the cluster Part of the cluster InstallerTest LZN1721				
How do I	Back Next Finish Cancel				

 Configure an enterprise application Create a deployment plan
 Target an enterprise application to a server Test the modules in an enterprise application Euctom Etatur

#### Click on Finish.

Install Application Assista		4	- 1	3	×
$\leftrightarrow$ $\rightarrow$ C $\bigcirc$ $\bigcirc$	II //console/console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/applicationTargetsSelected	☆	0		:
🔛 Apps 📙 12.0.3 🍌 BUG Ġ Googl	e 🗅 Bug Jira 📙 OBDX 16.2 🛄 IT 17.1 KSUPP 📙 Origination 17.1 📙 Origination 17.2 🧕 Jenkins 17.2 📙 Installer 🍟 Central JIRA 📙 17.2 ITR 🧔 1	7.2 ITR Ac	min		
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View changes and restarts	Home >Summary of Deployments >Summary of Environment >Summary of Servers >Summary of Deployments				
No pending changes exist. Click the Release	Install Application Assistant				1
domain.	Back Next Cancel				H
Release Configuration	Optional Settings				11
	You can modify these settings or accept the defaults.				11
Domain Structure	* Indicates required fields				11
LZN172	- General				11
Environment	What do you want to name this deployment?				11
Deployments     Services					11
Security Realms	obdx.lz.us.app.wsdl.domain				11
B · Diagnostics	Specification Version: 17.2.0.0.0				Ш
	Implementation Version: 201707201045				11
	- Security -				11
	What security model do you want to use with this application?				П
How do I 🖂	DD Only: Use only roles and policies that are defined in the deployment descriptors.				L
<ul> <li>Start and stop a deployed enterprise application</li> </ul>	O Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.				L
Configure an enterprise application	O Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.				11
Create a deployment plan					11
<ul> <li>Target an enterprise application to a server instance</li> </ul>	Auvancea: Use a custom moder that you have configured on the realm's configuration page.				
Test the modules in an enterprise application	- Source Accessibility				L.
	How should the source files be made accessible?				.
Euctom Etatuc 📃					1.1

#### Confirmation of installation will be displayed.

Summary of Deployment ×		
- > C 🛈 👘 😳 amela	'/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage	☆ 🔕 🖸 🖸
Apps 📙 12.0.3 🍌 BUG Ġ Googl	gle 📋 Bug Jira 📙 OBDX 16.2 📙 IT 17.1 KSUPP 📙 Origination 17.1 📙 Origination 17.2 🧕 Jenkins 17.2 📙 Installer 🌹 Central JIRA 📒 17.2	2 ITR 🧧 17.2 ITR Admin
DRACLE WebLogic Server Adr	dministration Console 12c	9
nange Center	🔒 Home Log Out Preferences 🔤 Record Help	/elcome, weblogic Connected to: LZN
ew changes and restarts	Home >Summary of Deployments >Summary of Environment >Summary of Servers >Summary of Deployments	
nding changes exist. They must be activated take effect.	✓ The deployment has been successfully installed.	
Activate Changes	✓ You must also activate the pending changes to commit this, and other updates, to the active system.	
Undo All Changes	Summary of Deployments	
omain Structure	Configuration Control Monitoring	
Domain Partitions	This page displays the list of Java EE applications and standalone application modules installed to this domain.	
P: Domain Partitions P: Environment Deployments P: Services P: Services P: Farvices P: Introperability D: Diagnostics	This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls To install a new application or module for deployment to targets in this domain, click Install. Customize this table Deployments Install Update Delete	s on this page. Showing 1 to 67 of 67 Previous   Next
<sup>1</sup> : Domain Partblons <sup>1</sup> : Environment <sup>1</sup> : Deployments <sup>1</sup> : Services <sup>-</sup> : Security Realms <sup>1</sup> : Interceparability <sup>1</sup> : Diagnostics	This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls To install a new application or module for deployment to targets in this domain, click Install. © Customize this table Deployments Install Update Delete Name $\sim$ State Health Type Targets Scope Dom.	s on this page. Showing 1 to 67 of 67 Previous   Next nain Partitions   Deployment Order
Domain Partitions Depenyments Services Security Realms -Interspenability Diagnostics w do L	This page displays the list of Jave EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls To install a new application or module for deployment to targets in this domain, click Install. Customize this table Deployments Install Update Delete Install Install Update Delete Install Install Update Delete Install Instal	s on this page. Showing 1 to 67 of 67 Previous   Next nam Partitions Deployment Order 100
Domain Partitions Environment Deployments Services Security Realms Interepenability Diagnostics w do L Install an enterprise application Configure an enterprise application	This page displays the list of Jave EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls To instal a new application or module for deployment to targets in this domain, click Install. © Customize this table Deployments Install Update Delete Name % State Health Type Targets Scope Dom @ @ off oracle.businessedfor(10,12.2.1.1.0) Active Ubrary Administerver, Global @ @ off oracle.domain(10,12.2.1.1.0) Active Ubrary Administerver, Global	s on this page. Showing 1 to 67 of 67 Previous   Next nain Partitions Deployment Order 100 100
Domain Partitions Environment Services Security Realms Intereparability Diagnostics w do L	This page displays the list of Java EE applications and standalone application modules installed to this domain.         You can update (redeploy) or delate installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls         To install a new application or module for deployment to targets in this domain, click Install.         Customize this table         Deployments         Install [Dotate]         Install for accubusinessedtor(10,12.2.1.1.0)         Active       Library         Administerer, diobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         Addingserver, diobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         Addingserver, diobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         Addingserver, diobal         Installer feet         Installer feet         Installer feet         Installer feet         Library         Addingserver, diobal         Installer feet         Installer feet         Installer feet         Library	s on this page. Showing 1 to 67 F Previous   Next nain Partitions Deployment Order 100 100 100 100
Domain Partitions Environment Deployments Services Security Realms Interespenability Diagnostics wido Lu. Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Monter the module of an enterprise application Deploy EDB modules	This page displays the list of Java EE applications and standalone application modules installed to this domain.         You can update (redeploy) or delate installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls         To install a new application or module for deployment to targets in this domain, click Install.         Customize this table         Deployments         Install [Dotate]         Install for accubusinessedtor(10,12.2.1.1.0)         Active       Library         AddmsServer, dobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         AddmsServer, dobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         AddmsServer, dobal         Install of oracle.domain(10,12.2.1.1.0)         Active       Library         AddmsServer, dobal         Install or feet       Deployment on the install or feet         Install or feet       Library	s on this page. Showing 1 to 27 of 27 Previous   Next nain Partitions Deployment Order 100 100 100 100 100 100 100 10

€ Com.ofss.digx.app.connector	Base Application	Active	🖋 ок	Enterprise Application	obdx_server	Global	
Cobdx.app.core.domain(18.1.0.0.0,201712171135)		A	ctive	Library	obd	x_server	Global
obdx.app.core.patch(18.1.0.0.0,201712171135)	Base libraries	A	ctive	Library	obd	x_server	Global
Cobdx.app.domain(18.1.0.0.0,201712171135)		A	ctive	Library	obd	x_server	Global
🗉 🛅 obdx.app.rest	Base Application	A	kctive 🖋 O	K Enterprise	Application obd	x_server	Global
<pre>cobdx.app.security(18.1.0.0.0,201712171135)</pre>		A	ctive	Library	obd	x_server	Global
obdx.extsystem.domain(18.1.0.0.0,201712171135)	Base libraries	A	ctive	Library	obd	x_server	Global
6 obdx.thirdparty.app.domain(18.1.0.0.0,2017121711	35)	A	ctive	Library	obd	x_server	Global

#### Figure 1 : Deployments after OBAPIs18.1.0.0.0 Base Installation

E com.ofss.digx.app.connector Base	Application	Active	🖋 ок	Enterprise Application	obdx_server	Global	
<pre>code.app.core.domain(18.1.0.0.0,201712181210)</pre>			Active	Libra	ry .	obdx_server	Global
<pre>codex.app.core.patch(18.1.0.0.0,201712181210)</pre>	Base libraries		Admin	Libra	ry	obdx_server	Global
<pre>cobdx.app.domain(18.1.0.0.0,201712181210)</pre>			Active	Libra	ry -	obdx_server	Global
🖲 🛅 obdx.app.rest	LZN Application		Active	V OK Enter	prise Application	obdx_server	Global
<pre>cobdx.app.security(18.1.0.0.0,201712181210)</pre>	Deee likeeniee		Active	Libra	ry -	obdx_server	Global
nobdx.extsystem.domain(18.1.0.0.0,201712181210)	Base libraries		Active	Libra	ry	obdx_server	Global
obdx.lz.us.app.domain(18.1.0.0.0,201712181227)	17N librarios		Active	Libra	ry .	obdx_server	Global
60bdx.lz.us.extsystem.domain(18.1.0.0.0,201712181227)	LENTIDIATES		Active	Libra	ry	obdx_server	Global
nobdx.thirdparty.app.domain(18.1.0.0.0,201712181210)	Base library		Active	Libra	TY	obdx_server	Global

Figure 2: Deployments after OBAPIs 18.1.0.0.0 OFSLL Installation

#### 4.3.2 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	
Scoherence-transaction-rar	Active	🖋 OK
	Active	🖋 ОК

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

□	Active
Modules	
Com.ofss.diqx.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	w Config	guration	Security	Control	Testing	Monitoring			
Roles	Policies	Outbou	und Creden	tial Mappi	ngs Ir	bound Principal	Mappings Pr	incipals	
Outbou outbou outbou	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 for 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	New Delete								

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 associate resource adapter. Each Outbound Connection Pool can then configure themselves to

#### Customize this table

#### Create a New Security Credential Map Entry for:

	Outbound Connection Pool 🚕							
	ra/DIGXConnectorAES							
	ra/DIGXConnectorBIREPORTS							
	ra/DIGXConnectorFILEUPLOAD							
	ra/DIGXConnectorMERCHANT							
	Resource Adapter Default							
Back	Next Finish Cancel							

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 configur them. Selecting 'User for unauthenticated user' will configure the us that you are configuring. This user must be a configured WebLogic S							
User for creating initial connections							
O Default User							
O 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 n * Indicates required fields	nap the WebLogic Server User to:
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	→ OBAPIs_PASSWORD123
Confirm Password	→ OBAPIs_PASSWORD123

10. Restart the manage server to activate the changes.

#### 4.3.3 BI 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.

Ũ	adf.oracle.domain.webapp(1.0,12.2.1.0.0)	Active	
E	ocherence-transaction-rar	Active	🖋 ОК
		Active	🖋 ОК

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									
Overviev	w Config	uration	Security	Control	Testing	Monitoring			
Roles	Policies	Outbou	und Creden	tial Mappi	ngs Ir	bound Principa	Mappings F	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 for outbound credential mappings for this resource adapter.									
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.

Back	Next	Finish	Cancel
------	------	--------	--------

#### **Outbound Connection Pool**

Which Outbound Connection Pool would you like the credential map to be associate resource adapter. Each Outbound Connection Pool can then configure themselves to

#### Customize this table

#### Create a New Security Credential Map Entry for:

	Outbound Connection Pool 🗞				
	ra/DIGXConnectorAES				
	ra/DIGXConnectorBIREPORTS				
	ra/DIGXConnectorFILEUPLOAD				
	ra/DIGXConnectorMERCHANT				
	Resource Adapter Default				
Back Next Finish Cancel					

7. Select '**ra/DIGXConnectorBIREPORTS**' 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
Select ' <b>Default User</b> ' and then click ' <b>Next</b> ' 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	

8.

- 9. Enter administrative authentication credentials of BIP and then click '**Finish**' button.
- 10. Restart the manage server to activate the changes.

#### 4.3.4 Database scripts deployment

The '**db**' directory will have two sub-directories: dml and ddl. Executes all scripts present in the dml folder.

Note: There are no ddl scripts to execute.

#### 4.3.5 UI deployment

The 'ui' directory contains all the UI related files. The UI deployed by OBAPIs 18.1.0.0.0 Base installation should be replaced by the UI contents of this directory.

Note: No change required in OHS.

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# 5. Database Configuration

Following configurations need to be done post installation

## 5.1 System Configuration

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

#### Table 'digx\_me\_ep\_conf\_b'

Query to be executed	Description
UPDATE DIGX_ME_EP_CONF_B SET MULTI_ENTITY_CODE='GLBL_NM KT', FROM_ADDR=' <system_email_id>' WHERE MULTI_ENTITY_CODE ='OBP_ME' and Destination_type='EMAIL';</system_email_id>	This property is used to provide system's email id. All system generated mails will be come from this id

## 5.2 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.

Category Id	Property Id	Description
Origination UserRole	USER_ROLE_CUSTOMER	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.
Origination Config	ORG_DOB_AGE_LIMIT_CH ECK	Whether DOB check is local or to be done remotely. Possible values are LOCAL or REMOTE. For this setup it will be REMOTE
Origination Config	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.
Origination Config	USERNAME_TYPE	Username type while registering the prospect. Possible values EMAIL/OTHERS
Origination Config	LIST_CANCELLATION_DAY S	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.
Origination Config	ORIG_PI_EMAIL_VERIFICA TION_REQUIRED	If Email Verification via OTP is required.
Origination Config	CONTENT_UPLOAD_ALLO WED_TYPE_LIST	File types allowed for document uploading. Example:- .txt,.png,.xlsx,.doc,.pdf,.jpeg,.jpg
Origination Config	CONTENT_UPLOAD_MIME_ TYPES_WHITE_LIST	Allowed MIME types for file uploading. Example:- application/pdf,image/jpeg,image/png

Table 'digx\_fw\_config\_var\_b'

Origination Config	CONTENT_UPLOAD_MIME_ TYPES_ZIP_LIST	Allowed MIME types for uploading zip document. Example:- application/x-compressed
Origination Config	DRIVING_LICENSE_EXPIRY _DURATION	Value should be in years. Driving License expiry date should be less than current date + this value.
Origination Config	DRIVING_LICENSE_MAX_L ENGTH	Driving License number's maximum length allowed.
Origination Config	EMPLOYMENT_STABILITY_ MONTH_DURATION	Value should be in months. This value is used to decide employment stability.
Origination Config	IS_REGISTRATION_MANDA TORY	This flag used to force mandatory channel registration while submitting application.
Origination Config	MAX_ALLOWED_VEHICLE_ AGE	Maximum age allowed for vehicle.
Origination Config	ORG_REG_LINK_TIMEOUT	Channel registration link time out value
Origination Config	ORIGINATION_WORKFLOW _LOADER	Workflow loader configuration
Origination Config	VEHICLE_MILEAGE_MAX_L IMIT	Maximum mileage of used vehicle needs to be captured
Origination Config	VEHICLE_YEAR_MAX_LIMI T	Maximum duration of used vehicle needs to be captured
Origination Config	RESIDENT_STABILITY_MO NTH_DURATION	Value should be in months. This value is used to decide residential stability.
Origination Config	SSN_MAX_LENGTH	Maximum length allowed for Social Security Number.
Origination Config_ofsl I143	DEALER_APPLICATION_NU MBER	Dealer's application number present in OFSLL application.
Origination Config_ofsl I143	DEALER_ID	Dealer Id present in OFSLL application.

Origination Config_ofsl I143	LENDER_ID	Lender Id present in OFSLL application.
Origination Config_ofsl I143	LENDER_DEALER_ID	Lender Dealer Id present in OFSLL application.
Origination Config_ofsl I143	COMPANY_CODE	Company Code present in OFSLL application.
Origination Config_ofsl I143	BRANCH_CODE	Branch Code present in OFSLL application.
Origination Config_ofsl I143	DATA_REQUIRED_FOR_SU BMISSION	Indicates if submission data should be used for submitting application details to host system.
		Value should be 'true' for OFSLL setup.

## 5.3 Disclosure configurations

Please follow doc (Origination\_disclosure\_configuration.doc) for configuring disclosures in OBAPIs OFSLL application.

## 5.4 Promo code maintenance

Promo codes (which exist in OFSLL application) can be maintained in OBAPIs database at table 'digx\_or\_promo\_codes'.

### 5.5 Dealer maintenance

Dealer details can be maintained in OBAPIs database at table 'digx\_or\_dealer\_details'

### 5.6 Social Media Integration

Please refer 'Oracle Banking APIs Origination Social Media Integration Guide' document to have social media integration.

<u>Home</u>

# 6. Product Configuration

To enable the products execute the following script.

Update DIGX\_OR\_PRODUCT\_TYPE set STATUS = 'ACTIVE' where ID IN ('PAYDAYLOANH2','AUTOLOANH2');

This will enable the payday loans, and auto loans products.

Home

## 7. Admin Maintenance

Accommodation Type maintenance:

Execute the following scripts to add accommodation type maintenance.

Where OBAPIs\_BU is the entity id for which the OFSLL 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 ('OTHER', 'Other', 100, 'OBAPIs\_BU', 'superadmin', sysdate, 'superadmin', sysdate, ", 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 ('PARENTS', 'Living with parents', 30, 'OBAPIs\_BU', 'superadmin', sysdate, 'superadmin', sysdate, ", 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 ('OWN', 'I own this home', 10, 'OBAPIs\_BU', 'superadmin', sysdate, 'superadmin', sysdate, ", 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 ('RENT', 'I pay rent', 20, 'OBAPIs\_BU', 'superadmin', sysdate, 'superadmin', sysdate, ", 1);

<u>Home</u>