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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 describes following details:

- Prerequisite
- UI Deployment
- Configuration / Installation

1.5 **Related Information Sources**

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

- Oracle Banking Digital Experience Licensing Guide
- Oracle Banking Digital Experience Security Guide
2. Pre-requisite

OHS software along with instance should be available for use.
3. **UI deployment**

Below steps needs to be performed for UI deployment on OHS server.

- Copy the `obdx.conf` from `OBDX_Installer/installables/ui/config` directory into the instance config directory (where `httpd.conf` is present).

- Create a directory where `obdx` UI files would be deployed on OHS server.
- Copy all files/directories from OBDX_Installer/installables/ui/deploy into newly created directory.
4. **Configuration to run UI on Oracle HTTP Server**

Make sure following OHS modules must be loaded

- `mod_rewrite.so`
- `mod_deflate.so`
- `mod_expires.so`
- `mod_mime.so`
- `mod_headers.so`

Following are the changes need to be done in the `obdx.conf` file and place this file in same folder where `httpd.conf` file exists.

1. Replace the `<CHANNEL_PATH>` (all occurrences) with the newly created directory (from previous UI deployment step).
2. Configuration for Content Security Policy, refer to the below document
   - Oracle Banking Digital Experience Security Guide

Include the `obdx.conf` into `httpd.conf` using below configuration

```
include "obdx.conf"  (needs to be added in httpd.conf)
```

Read `obdx.conf` for inline documentation.
Following are the changes need to be done in mod_wl_ohs.conf

Copy below configuration into mod_wl_ohs.conf

```xml
<IfModule weblogic_module>
    WebLogicHost HOSTNAME
    WebLogicPort MANAGE_SERVER_PORT
    Debug ON
    WLLogFile DIR/FILENAME
    MatchExpression /digx/*
</IfModule>
```

Configure below properties

a. HOSTNAME – Weblogic server hostname (where OBDX weblogic domain is configured)

b. MANAGE_SERVER_PORT – Weblogic manage server port (where OBDX application is deployed)

c. DIR / FILENAME – Path where log file should be generated

Sample configuration (for reference purpose only)

```xml
<IfModule weblogic_module>
    WebLogicHost wls_server1
    WebLogicPort 7003
    Debug ON
    WLLogFile /tmp/weblogic_obp.log
    MatchExpression /digx/*
</IfModule>
```
4.1 Authentication Configuration:

OBDX product ships with two type of authentication methods:

1. OAM Authentication
2. Non OAM Authentication

4.1.1 Configuring the OAM Authentication

By default OAM server URL is set as http://mum00aon.in.oracle.com:14100/oam/server

Replace it to your OAM server URL in the following files:

1. `<CHANNEL_PATH>/components/login/login-form/ko/bindings/login-form-web-bindings.js`
2. `<CHANNEL_PATH>/framework/js/constants/constants.js`
   a. Set the `authenticator` property as “OUD”.

4.1.2 Configuring the Non OAM Authentication

Configuring Non OAM Authentication implementer needs to change following files:

1. `<CHANNEL_PATH>/framework/js/constants/constants.js`
   a. Set the `authenticator` property as “OBDXAuthenticator”.
2. `$MIDDLEWARE_HOME/Oracle_WT1/instances/instance1/config/OHS/ohs1/httpd.conf`
   b. Remove webgate.conf entry
Google Map Configuration:
By default Google map SDK URL is set as
https://maps.googleapis.com/maps/api/js?key=AIzaSyCYFGuo6wj7CTEaBILF3qaRcJ JWuYI53f8
&libraries=geometry,places
Replace it to your Google map SDK URL in the following files:
- `<CHANNEL_PATH>/components/inputs/map/ko/bindings/map-bindings.js`
- `<CHANNEL_PATH>/components/location-maintenance/location-add/ko/bindings/location-` `add-bindings.js`
- `<CHANNEL_PATH>/components/location-maintenance/location-update/ko/bindings/location-update-bindings.js`
- `<CHANNEL_PATH>/components/atm-branch-locator/locator/ko/bindings/locator-bindings.js`

Social Media Configurations:
By default Linkedin and Facebook API key is set as
Linkedin Key: 86hg2yshsq76yd
Facebook Key: 233137313819556
Replace it to your social media API keys in the following files:
- `<CHANNEL_PATH>/components/social-media/facebook/ko/bindings/facebook-bindings.js`
- `<CHANNEL_PATH>/components/social-media/linkedin/ko/bindings/linkedin-bindings.js`

Configuring HOST specific static resources lookup:
In Origination module there are host specific static resource lookup are needed. So depends on
the HOST you need to set HOSTID property in UI. For this implementer needs to do
following change:
1. `<CHANNEL_PATH>/framework/js/constants/constants.js`
   a. Set host property value to fcubs in case of UBS and THP
   b. Set host property value to obp in case of OBP Base and OBP LZN.
   c. Set host property value to ofsll in case of FLL

Wallet Configurations:
By default OBDX Base server URL is set as http://mum00apu.in.oracle.com:7777/digx/v1/
Replace it to your OBDX Base server URL in the following files:
- `<CHANNEL_PATH>/components/wallet-external/addfund/ko/bindings/addfund-bindings.js`
- `<CHANNEL_PATH>/components/wallet/add_paymentMode/ko/bindings/add_paymentMode-bindings.js`
Since OBDX UI support Subresource integrity and changing files mentioned above will impact it and files which are changed won’t work. SHA hash for all files are maintained in <CHANNEL_PATH>/framework/js/pages/security.js. There are two ways for solving this problem:

- Remove the SHA hash of the changed files along with the file name in security.js
- Generate SHA hash of modified files and update it in the security.js

Once all above steps are completed, restart the OHS server.

For the restarting of the OHS Server first go to the bin directory of the OHS instance.

Note: please ignore docker commands.
opmnctl is the command for controlling all the instance of OHS including start, stop, restart and status.

Note: please ignore docker commands.

Refer https://docs.oracle.com/cd/E14571_01/doc.1111/e14007/opmnctl.htm#ASPMN129 for the all option available in opmnctl command.