Oracle Banking APIs

OHS User Interface Configuration Guide

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OHS User Interface Configuration Guide

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Table of Contents

1. Preface 4

1.1 Intended Audience 4

1.2 Documentation Accessibility 4

1.3 Access to OFSS Support 4

1.4 Structure 4

1.5 Related Information Sources 4

2. Pre-requisite 5

3. UI deployment 6

4. Configuration to run UI on Oracle HTTP Server 8

4.1 Authentication Configuration: 10

4.1.1 Configuring the OAM Authentication 10

4.1.2 Configuring the Non OAM Authentication 10

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:

- Prerequisite
- UI Deployment
- 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:

- Oracle Banking APIs Licensing Guide
- Oracle Banking APIs Security Guide

2. Pre-requisite

OHS software along with instance should be available for use.

For further detailed configuration of Oracle HTTP Server, please refer to https://docs.oracle.com/middleware/12213/webtier/administer-ohs/toc.htm.

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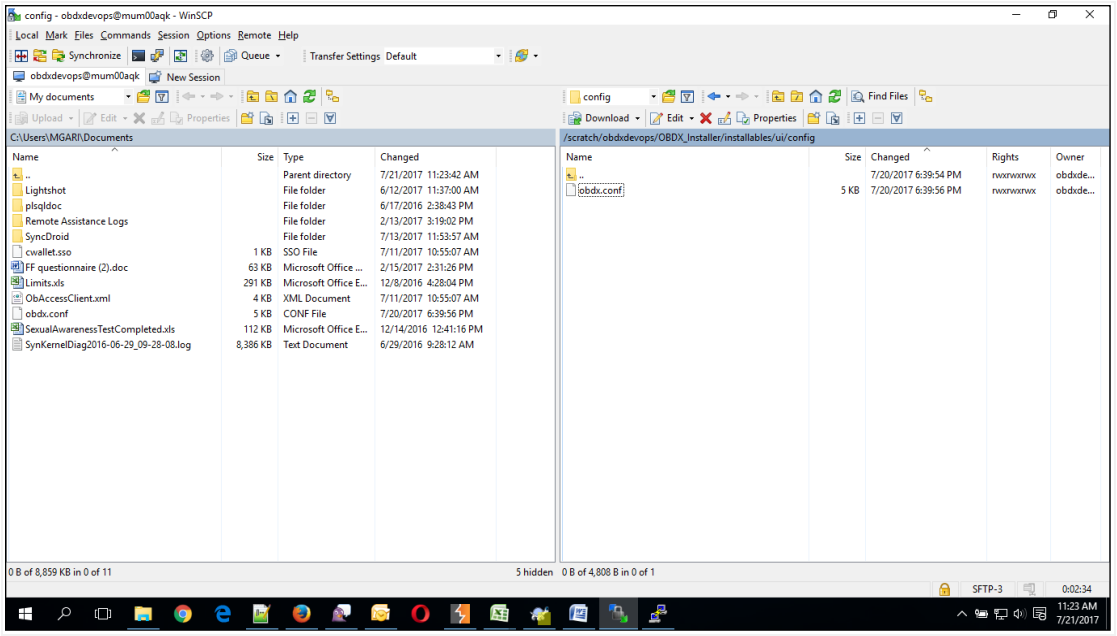
Home

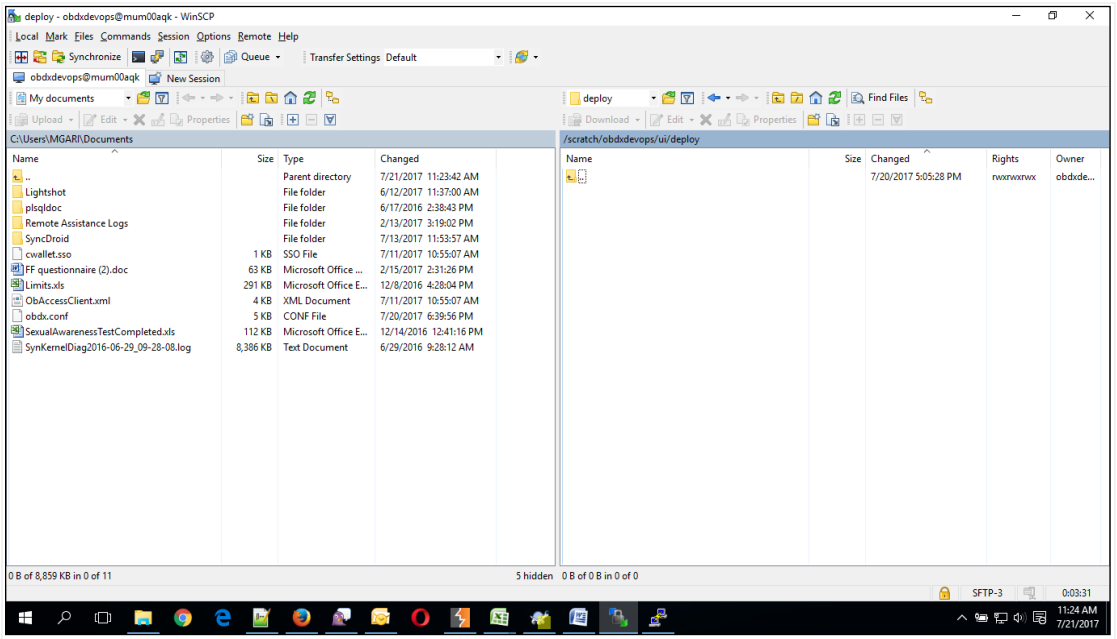
3. UI deployment

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

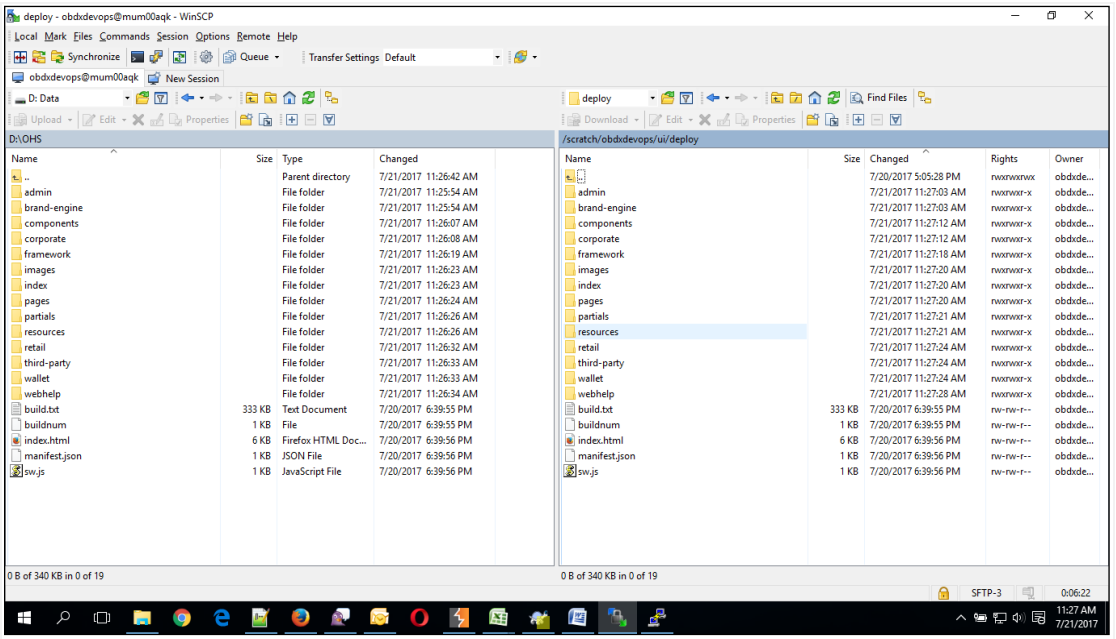
- Copy the obdx.conf from OBAPIS_Installer/installables/ui/config directory into the instance config directory (where httpd.conf is present).



- Create a directory where obapis UI files would be deployed on OHS server.



- Copy all files / directories from OBAPIS_Installer/installables/ui/deploy into newly created directory.



Home

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.

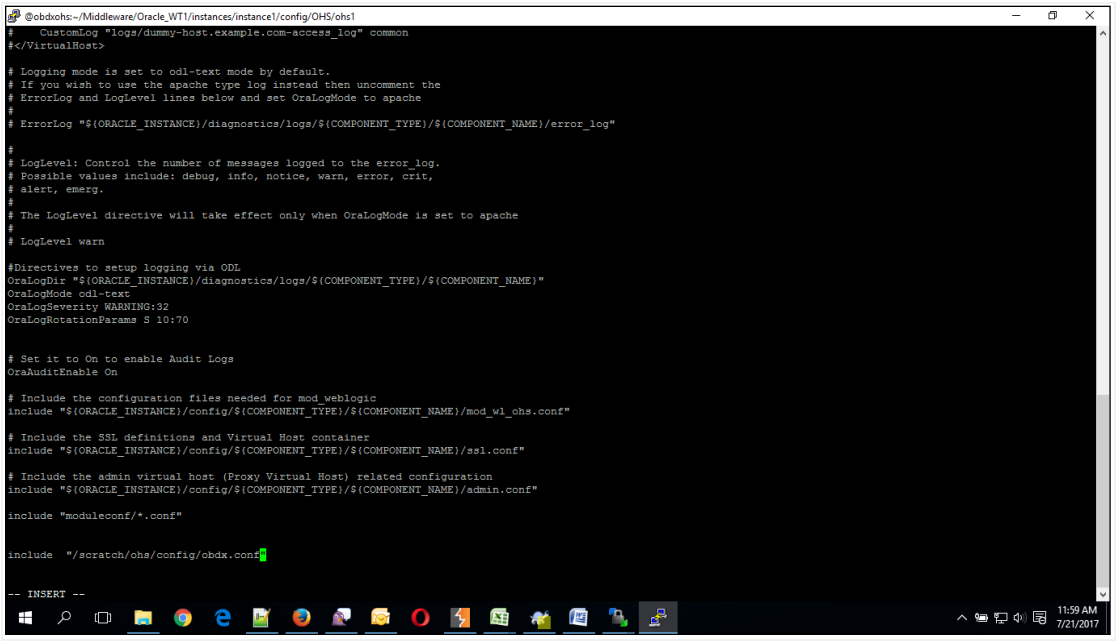
1. Replace the <CHANNEL_PATH> (all occurrences) with the newly created directory (from previous UI deployment step).
2. Configuration for Content Security Policy, refer to the below document

   Oracle Banking APIs 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

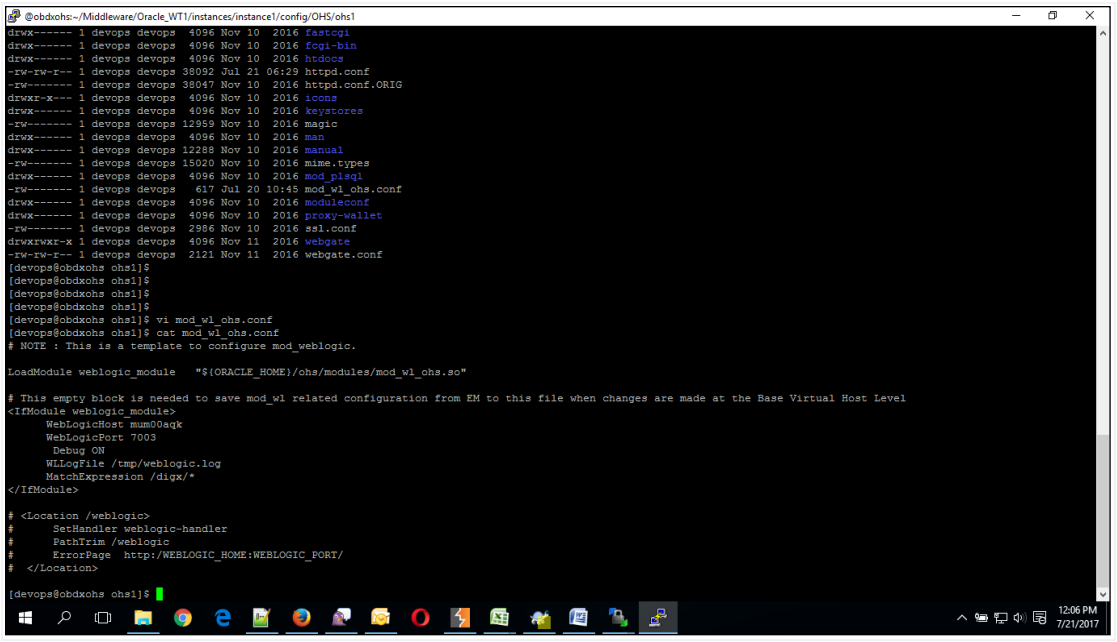
```
<IfModule weblogic_module>
    WebLogicHost HOSTNAME
     WebLogicPort MANAGE_SERVER_PORT
     Debug ON
  WLLogFile DIR/FILENAEME
     MatchExpression /digx/*
          </IfModule>
```

Configure below properties

a. HOSTNAME – Weblogic server hostname (where OBAPIs weblogic domain is configured)
b. MANAGE_SERVER_PORT – Weblogic manage server port (where OBAPIs application is deployed)
c. DIR / FILENAME – Path where log file should be generated

Sample configuration (for reference purpose only)

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



4.1 Authentication Configuration:

OBAPIs 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-web/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=AIzaSyCYFGuo6wj7CTEaBILF3qaRcJJWuYl53f8&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 OBAPIs Base server URL is set as http://mum00apu.in.oracle.com:7777/digx/v1/

Replace it to your OBAPIs Base server URL in the following files:

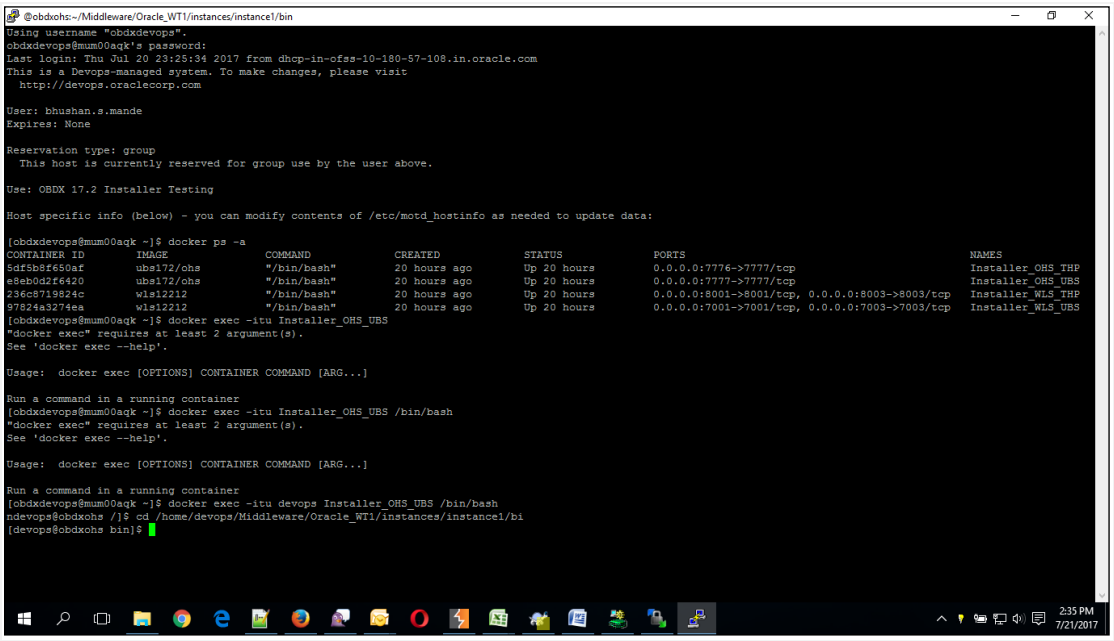
- <CHANNEL_PATH>/components/wallet-external/addfund/ko/bindings/addfund-bindings.js
- <CHANNEL_PATH>/components/wallet/add_paymentMode/ko/bindings/add_paymentMode-bindings.js

Since OBAPIs 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

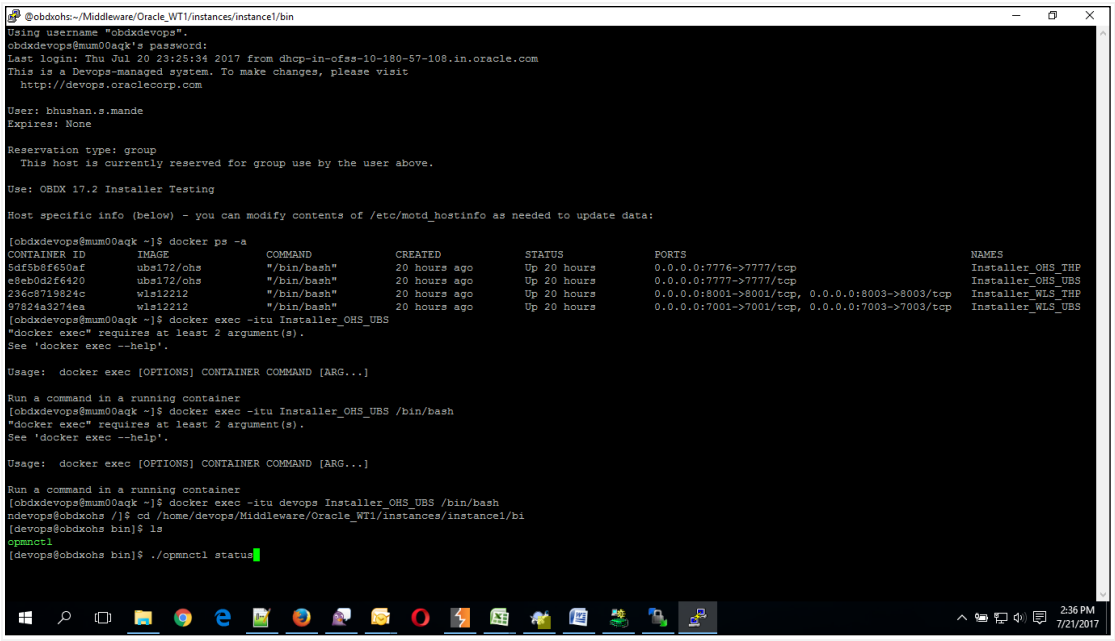
Once all above steps are completed, restart the OHS server.

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

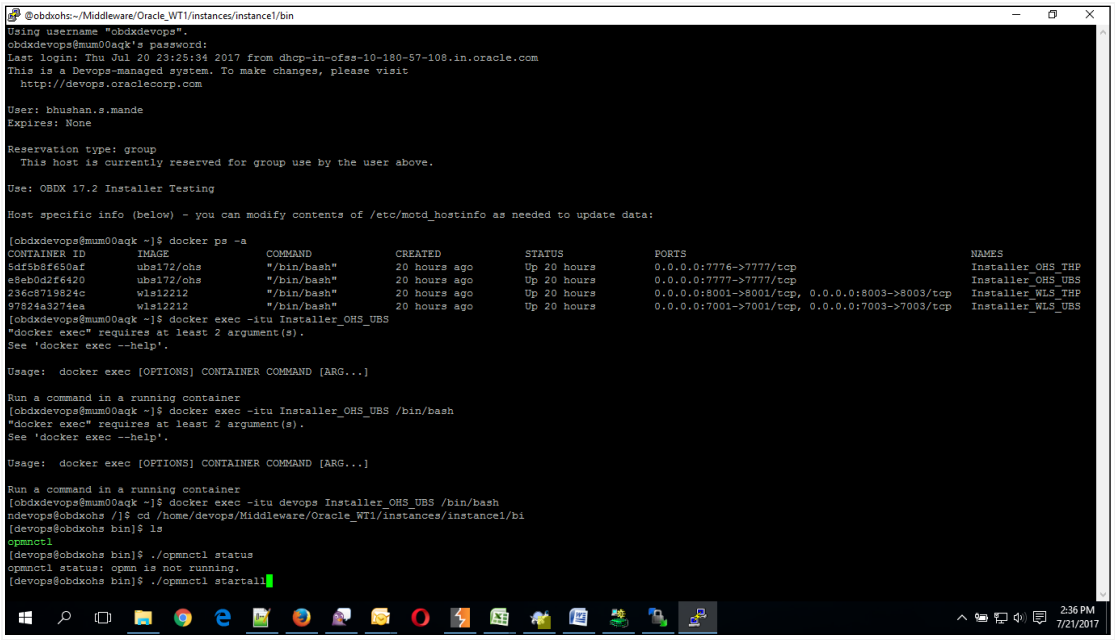


Note : please ignore docker commands.

opmnctl is the command for controlling all the instance of OHS including start,stop, restart and status.



Note : please ignore docker commands.



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.

Home