

Oracle Banking Digital Experience

OFSLL Setup and Configuration Guide

Release 18.2.0.0.0

Part No. E97823-01

June 2018

ORACLE®

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

www.oracle.com/financialservices/

Copyright © 2018, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Table of Contents

1. Preface.....	4
1.1 Intended Audience	4
1.2 Documentation Accessibility	4
1.3 Access to Oracle Support	4
1.4 Structure	4
1.5 Related Information Sources.....	4
2. Introduction.....	5
2.1 Purpose of the Document	5
3. Prerequisites.....	6
4. Installation.....	7
4.1 Pre Installation.....	7
4.2 Steps of Installation	7
5. Database Configuration	24
5.1 System Configuration	Error! Bookmark not defined.
5.2 Additional (functional) Configurations	24
5.3 Disclosure configurations	26
5.4 Promo code maintenance	26
5.5 Dealer maintenance	26
5.6 Social Media Integration.....	26
6. Product Configuration	27
7. Admin Maintenance.....	28
7.1 Accommodation Type maintenance:.....	28
7.2 Financial Parameters maintenance:	28

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 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 Digital Experience Release 18.2.0.0.0, refer to the following documents:

- User Manual Oracle Banking Digital Experience Installer Pre-Requisite Setup
- User Manual Oracle Banking Digital Experience Installation Guide

2. Introduction

2.1 Purpose of the Document

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

It includes:

- Installation of OBDX 18.2.0.0.0 OFSLL with Oracle's own Core Banking and Origination Products.
- Advanced Configurations (Post installation)

[Home](#)

3. Prerequisites

OBDX 18.2.0.0.0 with OBP BASE flavor should be installed through OBDX Installer. This installation will be henceforth referred to in this manual as 'OBDX18.2 Base'.

For OBDX 18.2 Base installation, refer documents mentioned in *section 1.5 Related Information Sources*.

[Home](#)

4. Installation

4.1 Pre Installation

OBDX18.2.0.0.0 Base with OBP flavor should be installed through installer.

4.2 Steps of Installation

Download and extract. Post extraction '**OBDX_LZNInstaller**' folder would be available.

Ensure before installation following sub-directories are available:

- app
- db
- ui

4.2.1 Application deployment

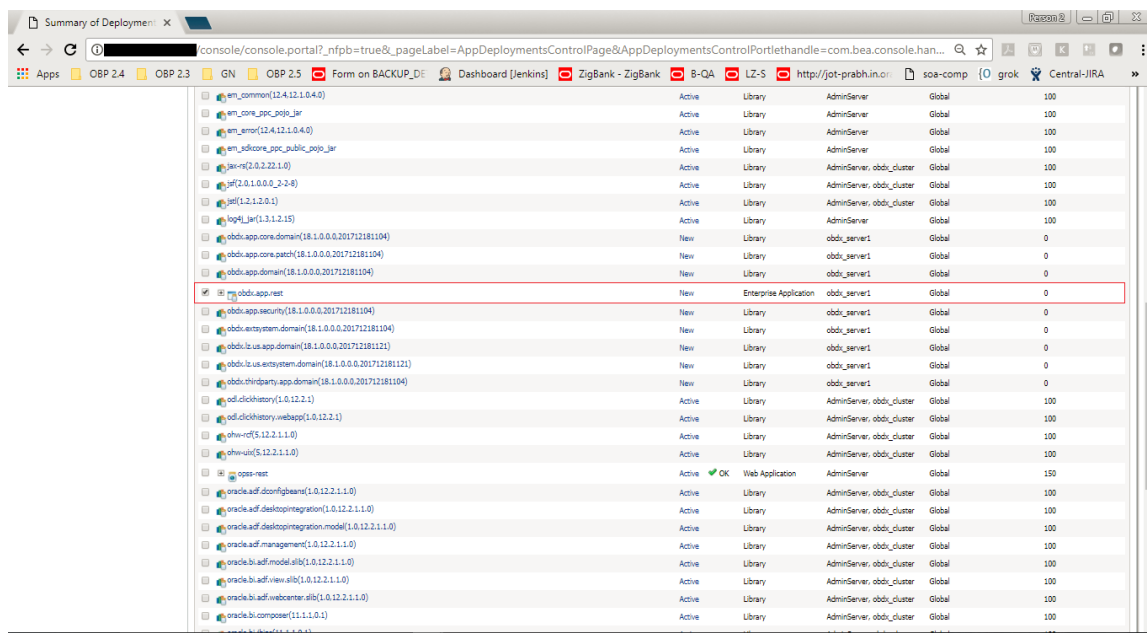
The '**app**' directory will have 3 artifacts to be deployed on the OBDX 18.2.0.0.0 Base Application server. Depending upon the user authenticator i.e., OUD or DB Authenticator either "obdx.app.rest.ear" or "obdx.app.rest.idm.ear" must be deployed.

- i. obdx.app.rest.ear
 - **Un-deploy 'obdx.app.rest.ear' Enterprise Application** from OBDX 18.2 Application Server. This artifact had been deployed as a part of OBDX 18.2 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**.

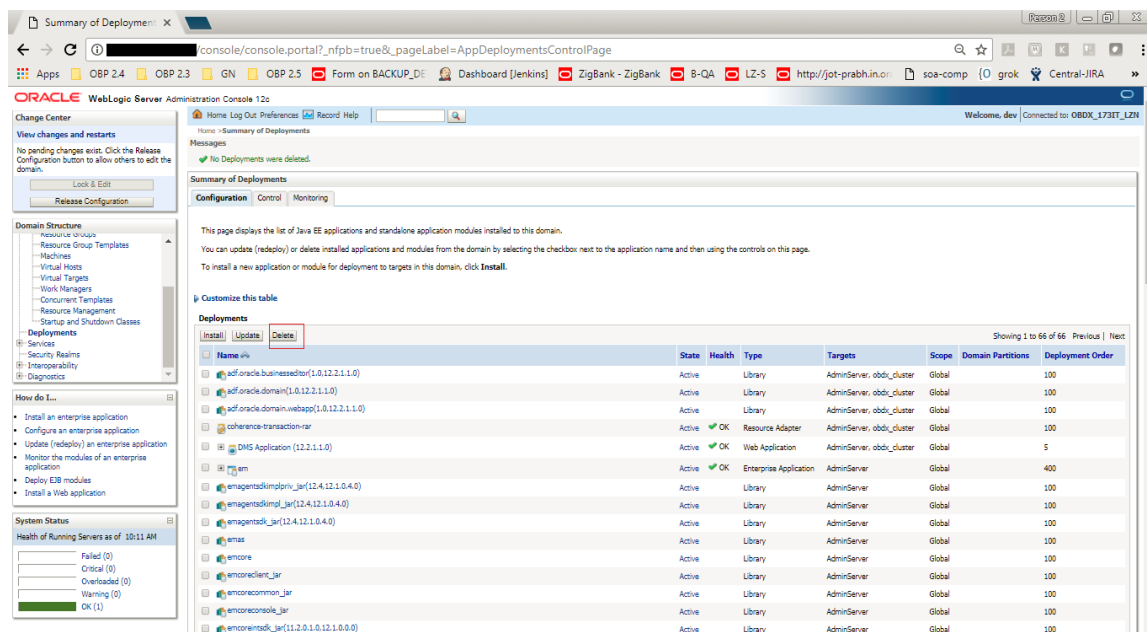
Note: First shut down the application server. Go to deployments. Un-deploy the REST application project of the OBDX 18.2.0.0.0 Base and deploy REST application project of the OBDX 18.2.0.0.0 US LZN, two libraries (ii & iii) and an application (iv) as mentioned above. All other libraries of OBDX 18.2.0.0.0 Base are required for OBDX OFSLL setup. Do not remove them. Start the application server.

Steps to Un-deploy library/application -

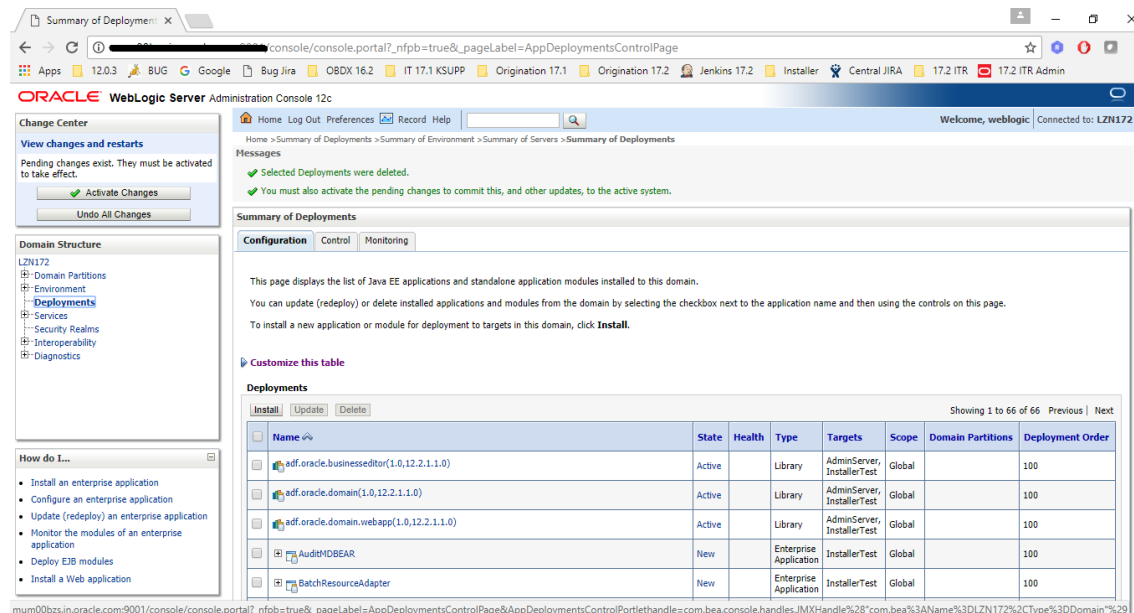
Login into Weblogic Server. Go to Deployments. Select the library/application and click on delete.



Confirm delete.

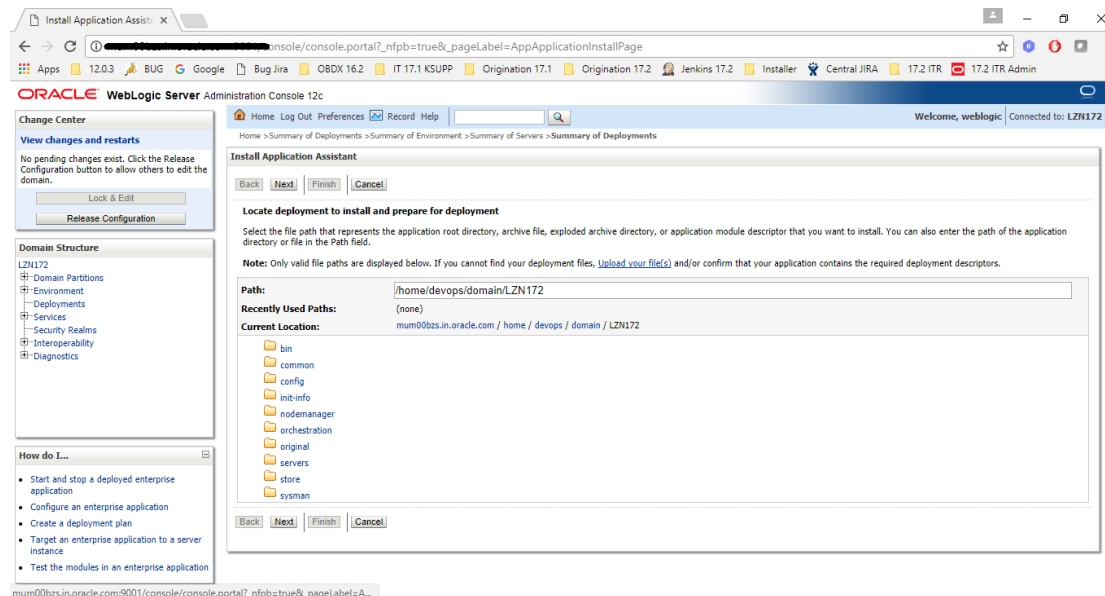


Success message will be displayed.

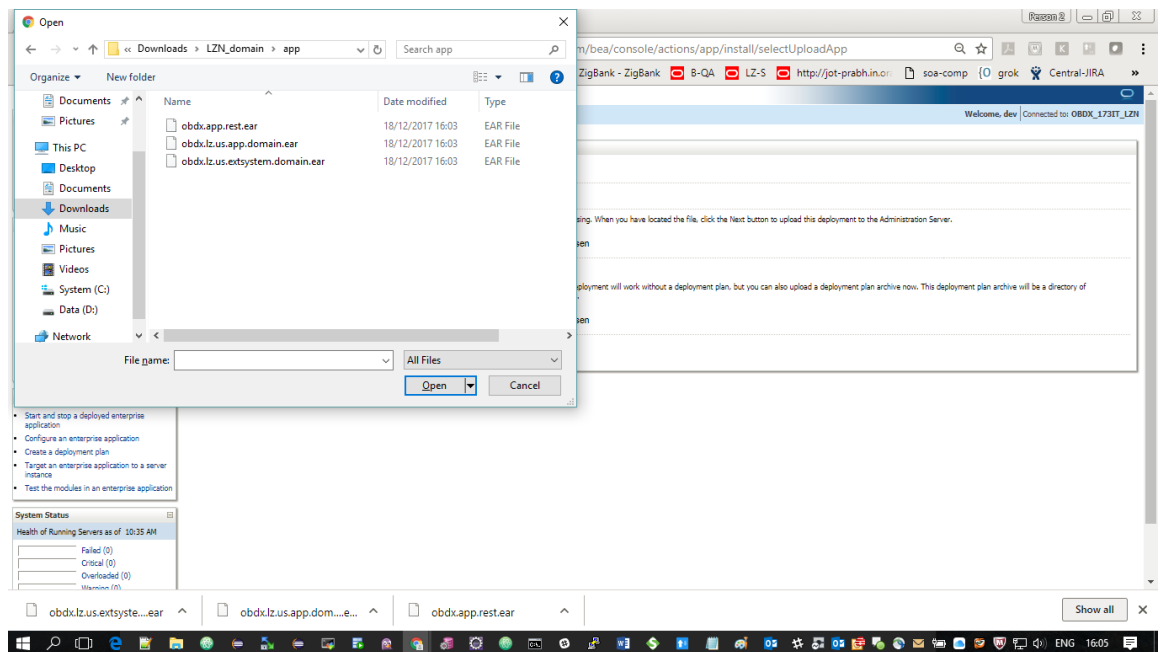
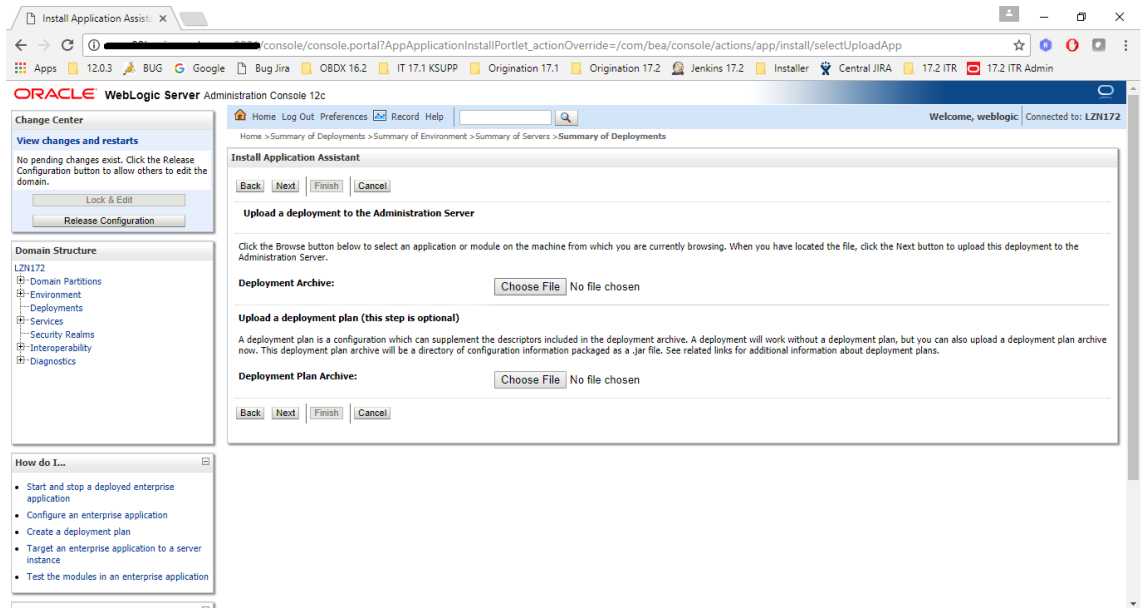


Steps to Deploy library/application -

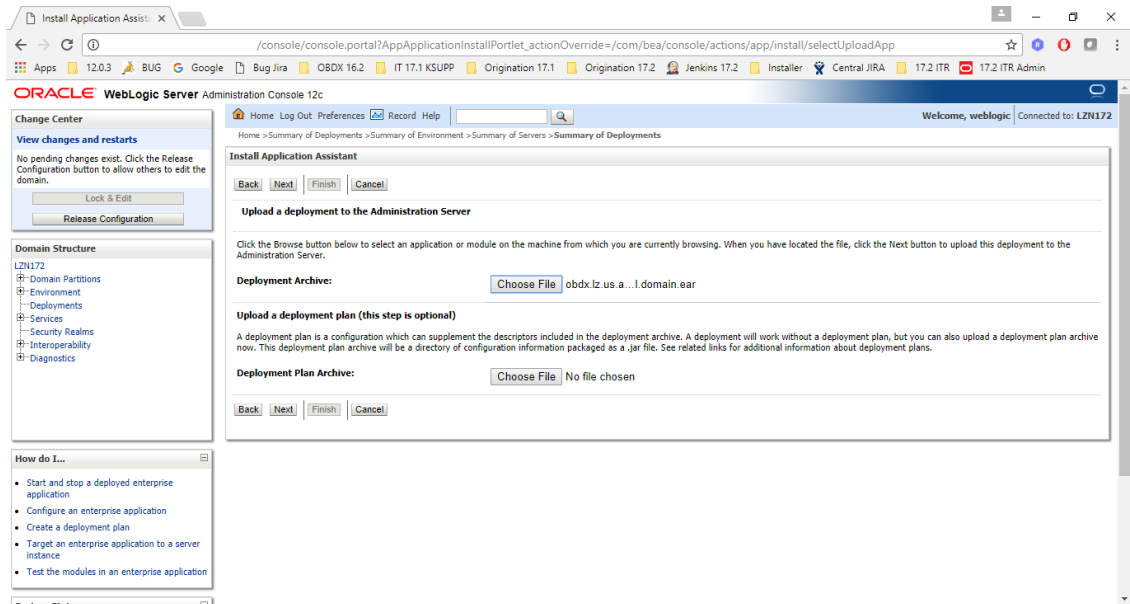
Click on install to deploy library/application. Click on Upload Button.



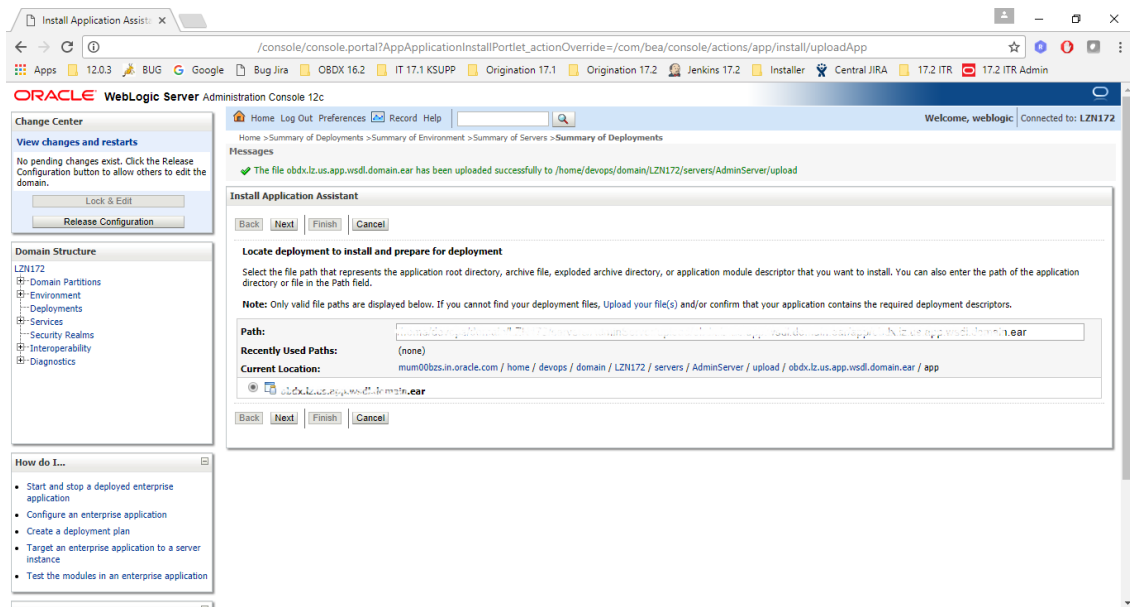
Click on 'Choose File' to select the library/application to upload.



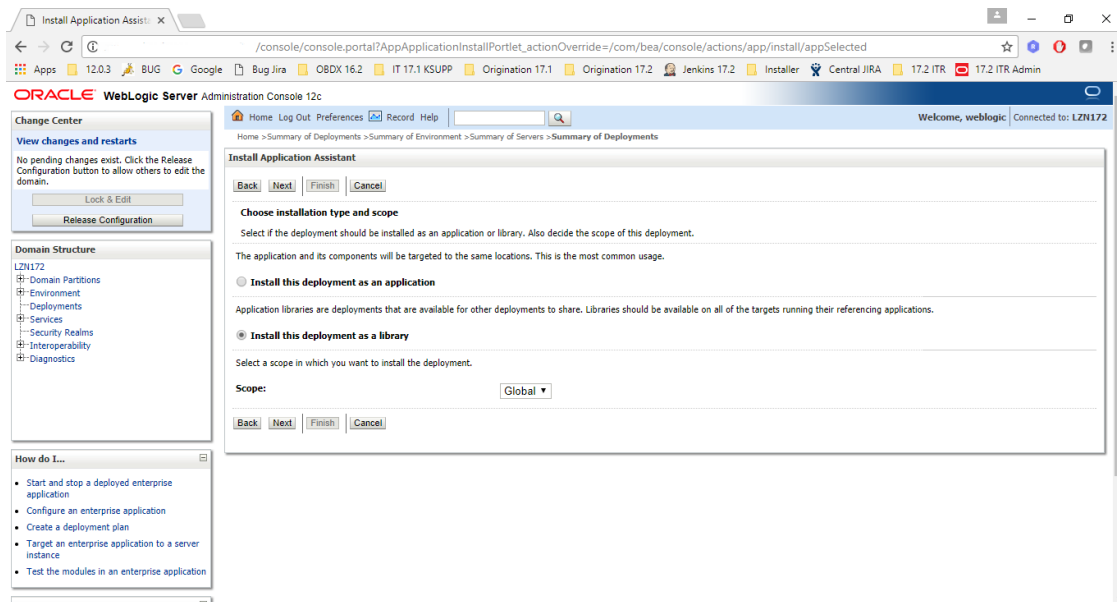
Click on NEXT button.



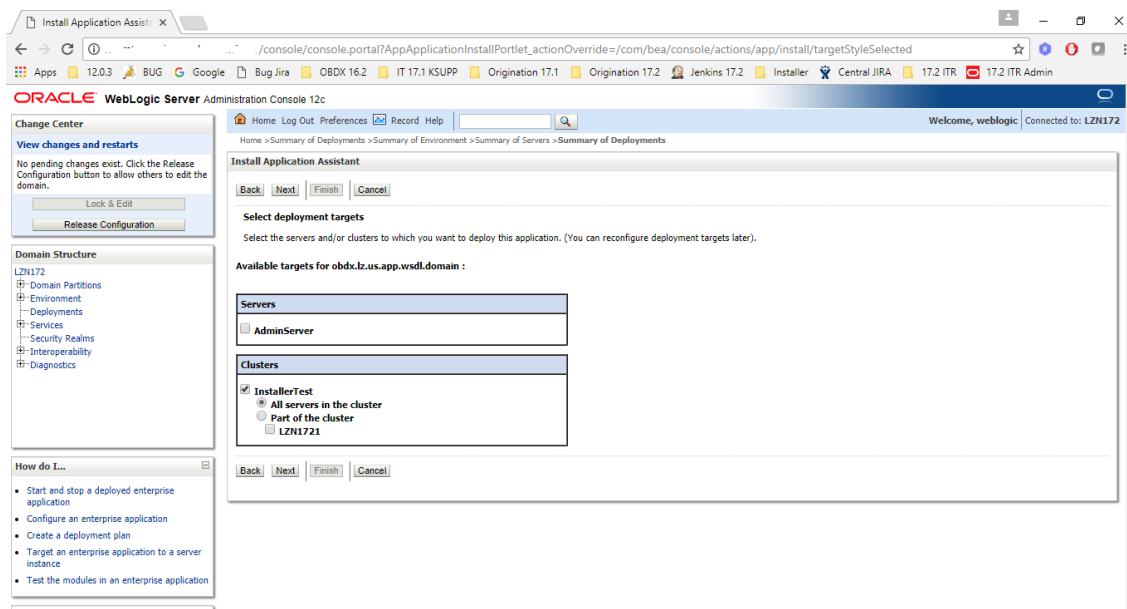
Again click on NEXT button.



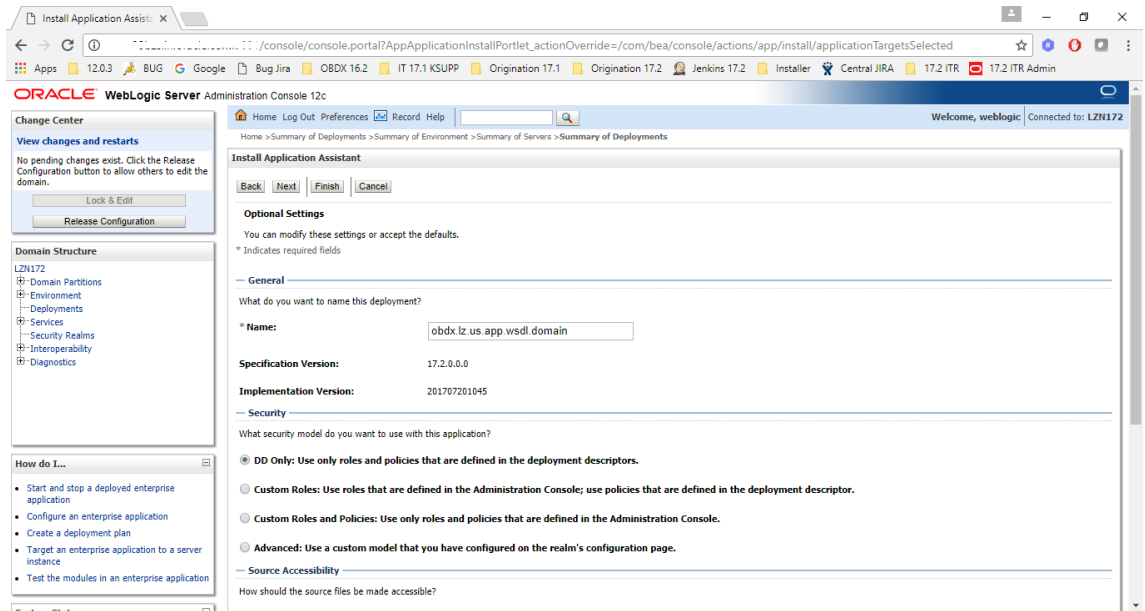
Select 'Install as library/application', as per the deployment.



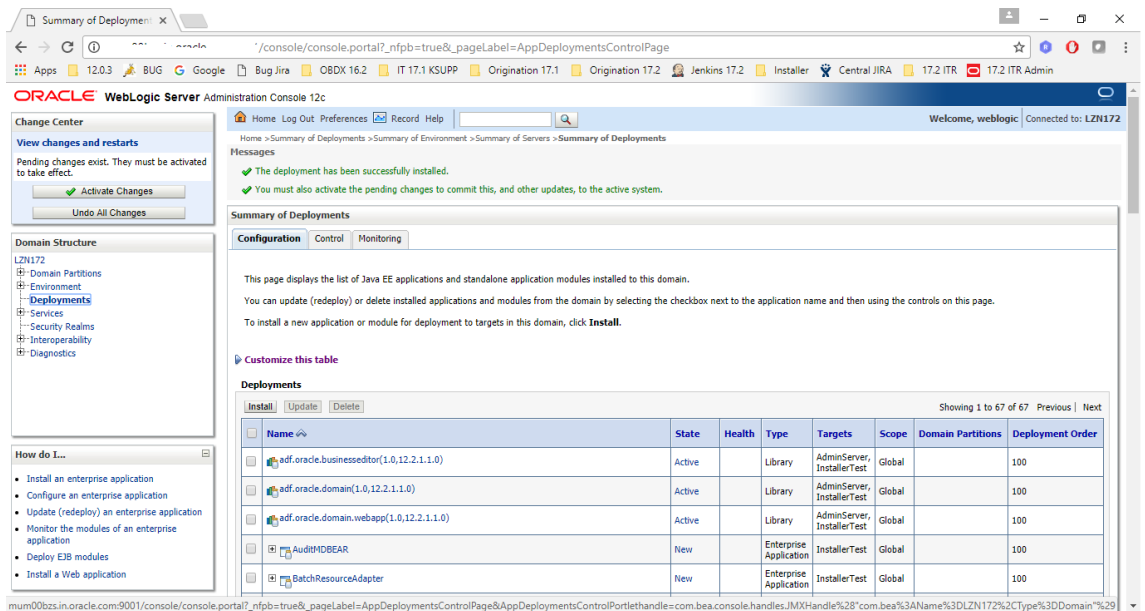
Select the managed server/cluster to deploy on. Click on Next.



Click on Finish.



Confirmation of installation will be displayed.











<input type="checkbox"/>		com.ofss.digx.app.connector	Base Application	Active	✓ OK	Enterprise Application	obdx_server	Global	
<input type="checkbox"/>		obdx.app.core.domain(18.1.0.0.0,201712171135)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.core.patch(18.1.0.0.0,201712171135)	Base libraries	Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.domain(18.1.0.0.0,201712171135)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.rest	Base Application	Active	✓ OK	Enterprise Application	obdx_server	Global	
<input type="checkbox"/>		obdx.app.security(18.1.0.0.0,201712171135)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.extsystem.domain(18.1.0.0.0,201712171135)	Base libraries	Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.thirdparty.app.domain(18.1.0.0.0,201712171135)		Active		Library	obdx_server	Global	

Figure 1 : Deployments after OBDX18.2.0.0.0 Base Installation











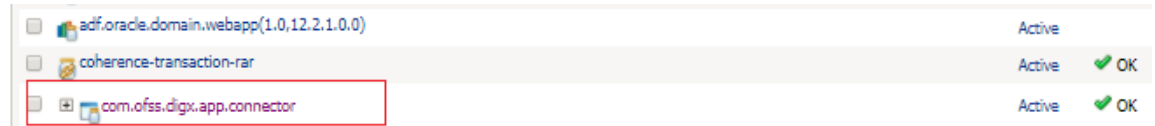
<input type="checkbox"/>		com.ofss.digx.app.connector	Base Application	Active	✓ OK	Enterprise Application	obdx_server	Global	
<input type="checkbox"/>		obdx.app.core.domain(18.1.0.0.0,201712181210)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.core.patch(18.1.0.0.0,201712181210)	Base libraries	Admin		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.domain(18.1.0.0.0,201712181210)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.app.rest	LZN Application	Active	✓ OK	Enterprise Application	obdx_server	Global	
<input type="checkbox"/>		obdx.app.security(18.1.0.0.0,201712181210)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.extsystem.domain(18.1.0.0.0,201712181210)	Base libraries	Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.lz.us.app.domain(18.1.0.0.0,201712181227)		Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.lz.us.extsystem.domain(18.1.0.0.0,201712181227)	LZN libraries	Active		Library	obdx_server	Global	
<input type="checkbox"/>		obdx.thirdparty.app.domain(18.1.0.0.0,201712181210)	Base library	Active		Library	obdx_server	Global	

Figure 2: Deployments after OBDX 18.2.0.0.0 OFSLL Installation

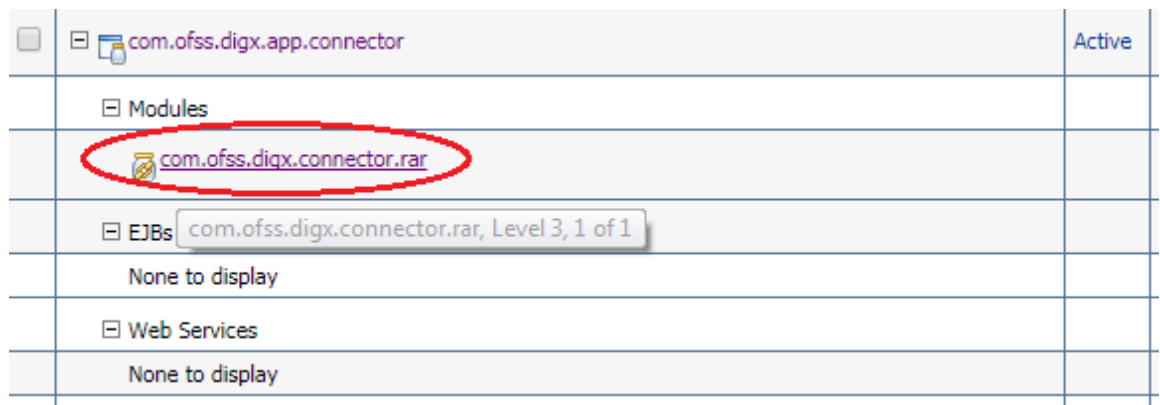
4.2.2 Security credential mapping for connector.ear

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.



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



- Click **'Security'** tab and then click **'Outbound Credential Mappings'** sub tab as shown below.

Settings for com.ofss.digx.connector.rar

Overview Configuration **Security** Control Testing Monitoring

Roles Policies **Outbound Credential Mappings** Inbound Principal Mappings 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 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 Delete

- 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

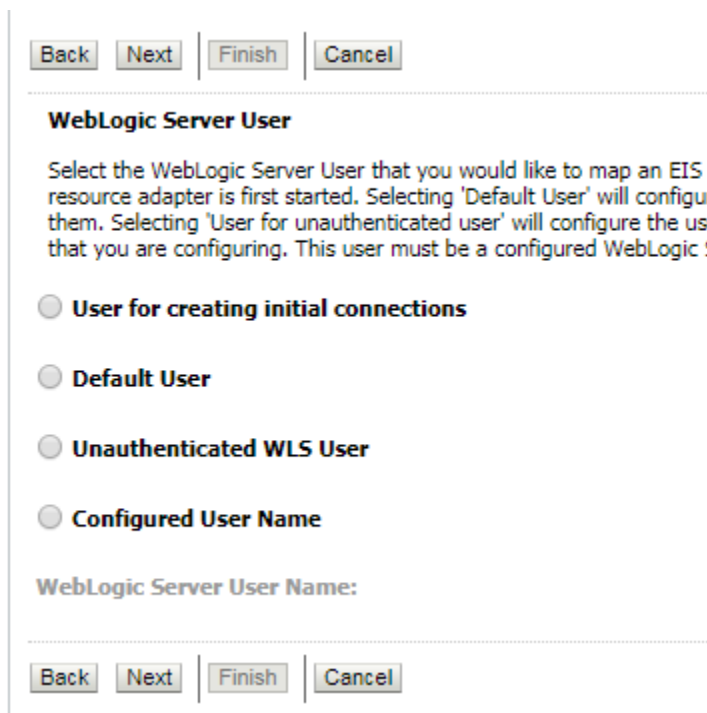
[Customize this table](#)

Create a New Security Credential Map Entry for:

<input type="checkbox"/>	Outbound Connection Pool
<input type="checkbox"/>	ra/DIGXConnectorAES
<input type="checkbox"/>	ra/DIGXConnectorBIREPORTS
<input type="checkbox"/>	ra/DIGXConnectorFILEUPLOAD
<input type="checkbox"/>	ra/DIGXConnectorMERCHANT
<input type="checkbox"/>	Resource Adapter Default

Back Next Finish Cancel

7. Select '**ra/DIGXConnectorAES**' and click then '**Next**' button. Following screen will be appearing.



The screenshot shows a 'WebLogic Server User' configuration window. At the top, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'. Below these is a horizontal dotted line. The title 'WebLogic Server User' is followed by a paragraph of instructions: '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 user.' Below this text are four radio button options: 'User for creating initial connections', 'Default User', 'Unauthenticated WLS User', and 'Configured User Name'. Underneath the radio buttons is a label 'WebLogic Server User Name:' followed by a text input field. At the bottom, there is another set of four buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

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 user.

☐ 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.

| |

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::**

| |

9. Enter following details and then click '**Finish**' button.

EIS User Name → AES_KEY

EIS Password → OBDX_PASSWORD123

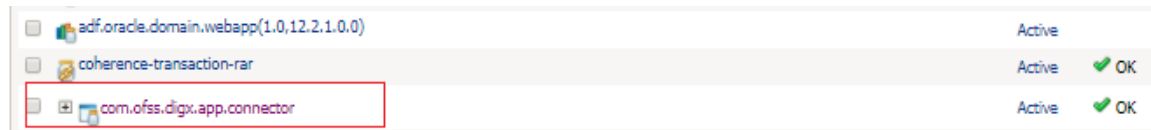
Confirm Password → OBDX_PASSWORD123

10. Restart the manage server to activate the changes.

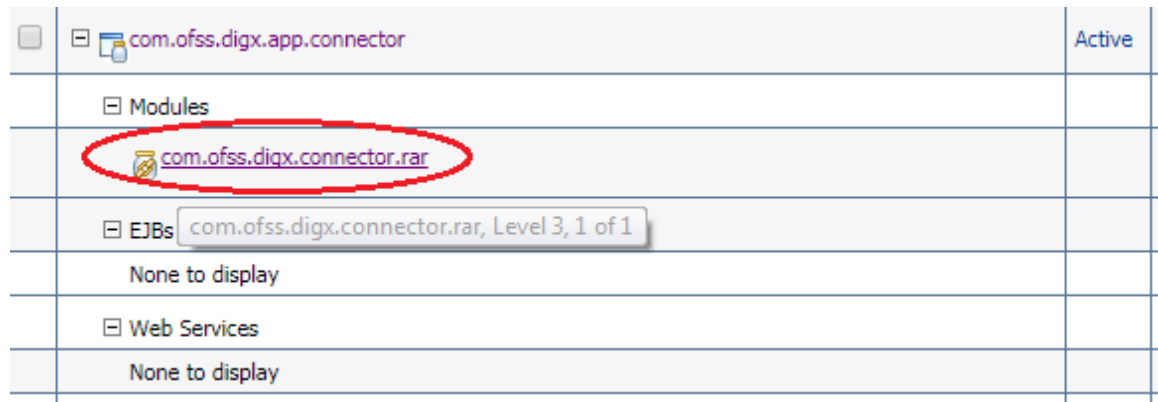
4.2.3 BI credential mapping for connector.ear

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.



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



5. Click '**Security**' tab and then click '**Outbound Credential Mappings**' sub tab as shown below.

Settings for com.ofss.digx.connector.rar

Overview Configuration **Security** Control Testing Monitoring

Roles Policies **Outbound Credential Mappings** Inbound Principal Mappings Principals

Outbound credential mappings let you map WebLogic Server usernames to usernames in the Enterprise Information System (EIS) to which you want to use the outbound credential mappings for all outbound connection pools in the resource adapter, or specify particular outbound credential mappings for specific outbound connection mappings for this resource adapter.

[Customize this table](#)

Outbound Credential Mappings

	WLS User	EIS User	Outbound Connection Pool
There are no items to display			

6. Click on '**New**' Button. Following screen will be appearing.

Outbound Connection Pool

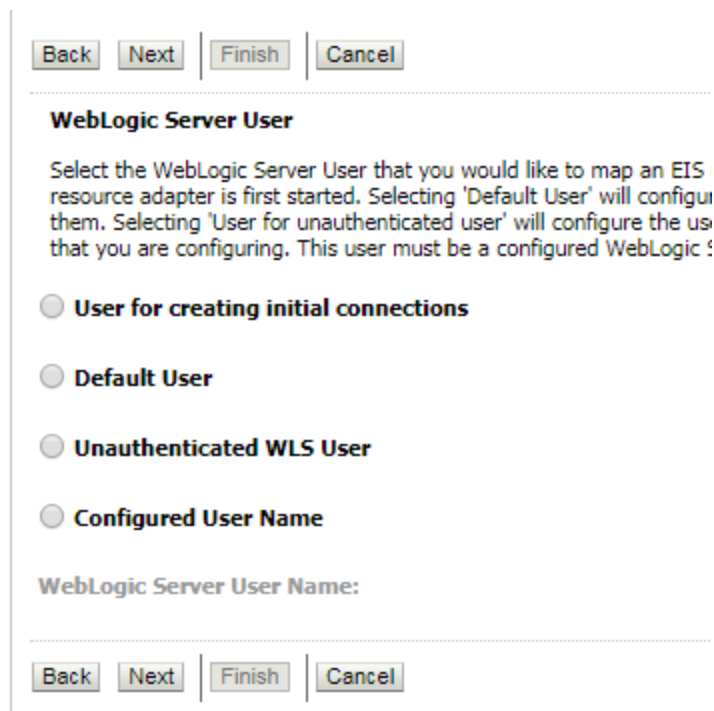
Which Outbound Connection Pool would you like the credential map to be associated with? Each Outbound Connection Pool can then configure itself to use the appropriate credential mapping.

[Customize this table](#)

Create a New Security Credential Map Entry for:

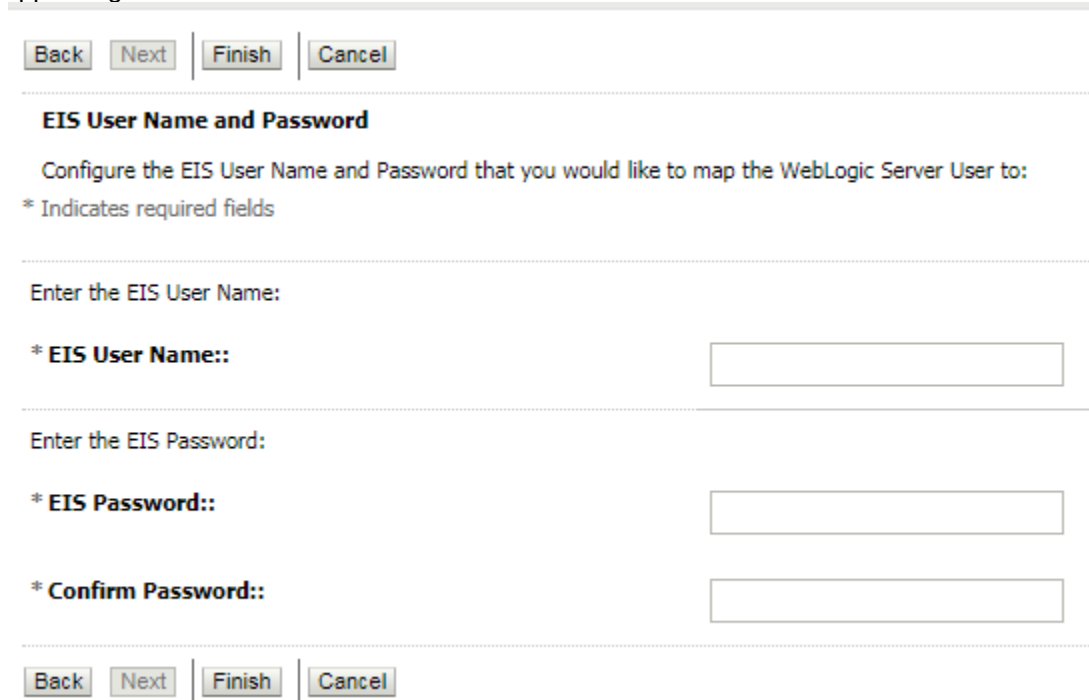
<input type="checkbox"/>	Outbound Connection Pool
<input type="checkbox"/>	ra/DIGXConnectorAES
<input type="checkbox"/>	ra/DIGXConnectorBIREPORTS
<input type="checkbox"/>	ra/DIGXConnectorFILEUPLOAD
<input type="checkbox"/>	ra/DIGXConnectorMERCHANT
<input type="checkbox"/>	Resource Adapter Default

7. Select '**ra/DIGXConnectorBIREPORTS**' and click then '**Next**' button. Following screen will be appearing.



This screenshot shows a configuration window titled 'WebLogic Server User'. At the top, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'. Below the buttons is a section header 'WebLogic Server User' followed by a paragraph of instructions: '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 user.' Below this text are four radio button options: 'User for creating initial connections', 'Default User', 'Unauthenticated WLS User', and 'Configured User Name'. At the bottom, there is a text field labeled 'WebLogic Server User Name:' and another set of 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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



This screenshot shows a configuration window titled 'EIS User Name and Password'. At the top, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'. Below the buttons is a section header 'EIS User Name and Password' followed by a paragraph of instructions: 'Configure the EIS User Name and Password that you would like to map the WebLogic Server User to:'. Below this is a note: '* Indicates required fields'. The main area contains three input fields: 'Enter the EIS User Name:' with a text box, '* EIS User Name::' with a text box, 'Enter the EIS Password:' with a text box, '* EIS Password::' with a text box, and '* Confirm Password::' with a text box. At the bottom, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

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

4.2.4 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.

4.2.5 UI deployment

The 'ui' directory contains all the UI related files. The UI deployed by OBDX 18.2.0.0.0 Base installation should be replaced by the UI contents of this directory.

Note: No change required in OHS.

[Home](#)

5. Database Configuration

Following configurations need to be done post installation

5.1 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
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_CHECK	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_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.
Origination Config	ORIG_PI_EMAIL_VERIFICATION_REQUIRED	If Email Verification via OTP is required.
Origination Config	CONTENT_UPLOAD_ALLOWED_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
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_LENGTH	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_MANDATORY	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_LIMIT	Maximum mileage of used vehicle needs to be captured
Origination Config	VEHICLE_YEAR_MAX_LIMIT	Maximum duration of used vehicle needs to be captured
Origination Config	RESIDENT_STABILITY_MONTH_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.

5.2 Disclosure configurations

Please follow doc (Origination_disclosure_configuration.doc) for configuring disclosures in OBDX OFSLL application.

5.3 Promo code maintenance

Promo codes (which exist in OFSLL application) can be maintained in OBDX database at table '**digx_or_promo_codes**'.

5.4 Dealer maintenance

Dealer details can be maintained in OBDX database at table '**digx_or_dealer_details**'

5.5 Social Media Integration

Please refer '**User Manual Oracle Banking Digital Experience Origination Social Media Integration.docx**' document to have social media integration.

[Home](#)

6. Product Configuration

To enable the products execute the following script.

```
Update DIGX_OR_PRODUCT_TYPE set STATUS = 'ACTIVE' where ID IN  
( 'PAYDAYLOANH2','AUTOLOANH2') and DETERMINANT_VALUE='OBDX_BU';
```

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

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

[Home](#)

7. Admin Maintenance

7.1 Accommodation Type maintenance:

Execute the following scripts to add accommodation type maintenance.

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

7.2 Financial Parameters maintenance:

Execute the following scripts to add financial parameters.

Where OBDX_BU is the entity id for which the OFSLL host is configured.

```
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE,
DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('EM',
'OBDX_BU', 'Salary', 'Income', 10, 'AUTOLOANFLL');
```

```
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, 'AUTOLOANFLL');
```

```
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE,
DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('PN',
'OBDX_BU', 'Pension', 'Income', 30, 'AUTOLOANFLL');
```

```
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE,
DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('SS',
'OBDX_BU', 'Social Security', 'Income', 40, 'AUTOLOANFLL');
```

```
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE,
DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('IN',
'OBDX_BU', 'Investment Income', 'Income', 50, 'AUTOLOANFLL');
```

```
Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE,
DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('AL',
'OBDX_BU', 'Alimony', 'Income', 60, 'AUTOLOANFLL');
```

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('CS', 'OBDX_BU', 'Child Support', 'Income', 70, 'AUTOLOANFLL');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('DI', 'OBDX_BU', 'Damages for Injury/Disability', 'Income', 80, 'AUTOLOANFLL');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('EM', 'OBDX_BU', 'Salary', 'Income', 90, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('RE', 'OBDX_BU', 'Rental Income', 'Income', 100, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('PN', 'OBDX_BU', 'Pension', 'Income', 110, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('SS', 'OBDX_BU', 'Social Security', 'Income', 120, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('IN', 'OBDX_BU', 'Investment Income', 'Income', 130, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('AL', 'OBDX_BU', 'Alimony', 'Income', 140, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('CS', 'OBDX_BU', 'Child Support', 'Income', 150, 'PAYDAY');

Insert into DIGX_OR_FINANCIAL_PARAMETERS (CODE, DETERMINANT_VALUE, DESCRIPTION, FIN_PARAM_TYPE, ORDINAL, PRODUCT_SUB_CLASS) values ('DI', 'OBDX_BU', 'Damages for Injury/Disability', 'Income', 160, 'PAYDAY');

[Home](#)