Oracle Banking Digital Experience

OFSLL Setup and Configuration Guide

Release 18.1.0.0.0

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ORACLE

OFSLL Setup and Configuration Guide

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

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3. Prerequisites

OBDX 18.1.0.0.0 with OBP BASE flavor should be installed through OBDX Installer. This installation will be henceforth referred to in this manual as ‘OBDX18.1 Base’.

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

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4. Installation

4.1 Pre Installation

OBDX18.1.0.0.0 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.

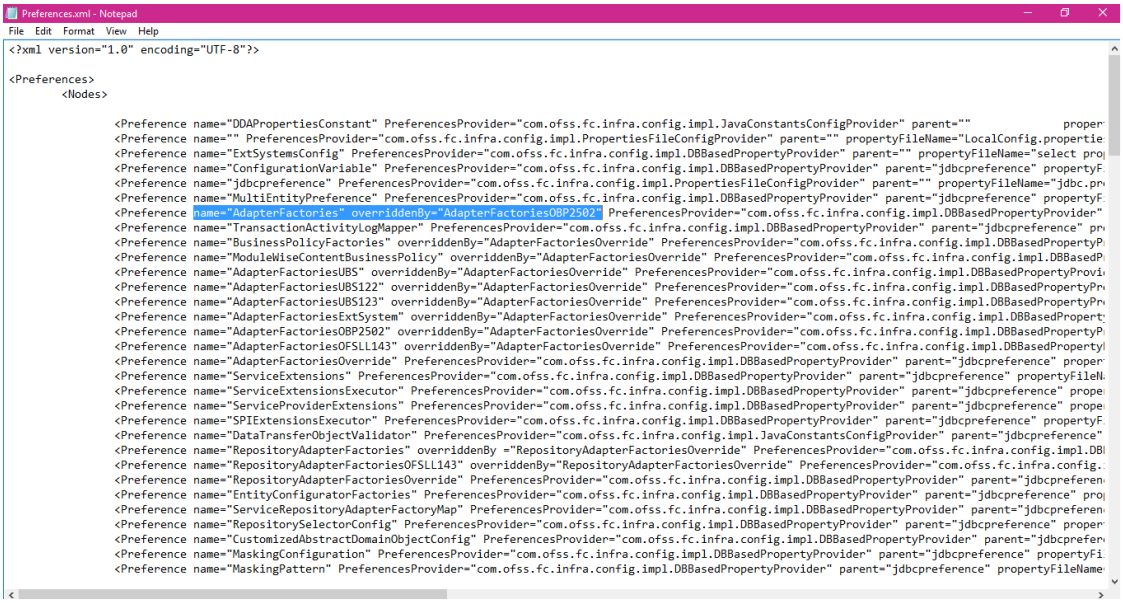
```
<Preference
name="EnumerationConfig" overriddenBy="EnumerationConfigOFSLL143"
PreferencesProvider=".."
/>
```

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

```
<Preference
name="CustomBusinessPolicyPreferences"
overriddenBy="CustomBusinessPolicyPreferencesOFSLL143"
PreferencesProvider=".."
/>
```

3> Preference OriginationConfig should override preference **OriginationConfig_ofsll143** as given below.

```
<Preference
name="OriginationConfig"
overriddenBy="OriginationConfig_ofsll143"
PreferencesProvider=".."
/>
```



4.3 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

4.3.1 Application deployment

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

i. obdx.app.rest.ear
   - **Un-deploy 'obdx.app.rest.ear' Enterprise Application** from OBDX 18.1 Application Server. This artifact had been deployed as a part of OBDX 18.1 Base Installation.
   - Deploy '**obdx.app.rest**.ear' artifact as an Enterprise Application.

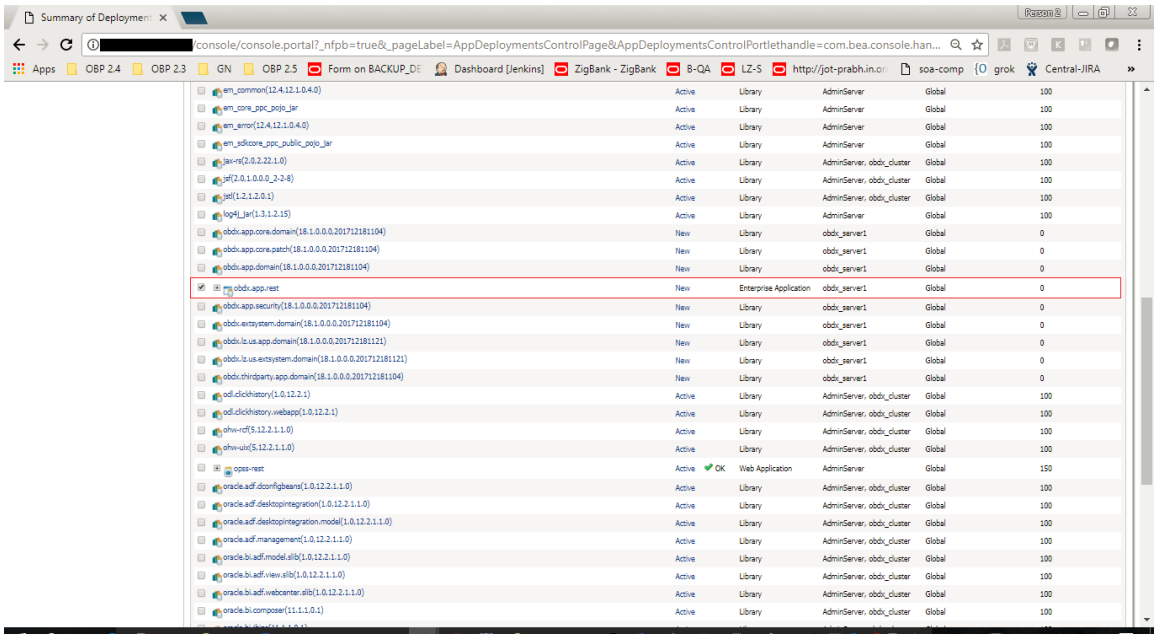
ii. obdx.lz.us.app.domain.ear
   - Deploy this artifact as a **library**.

iii. obdx.lz.us.extsystem.domain.ear
   - Deploy this artifact as a **library**.

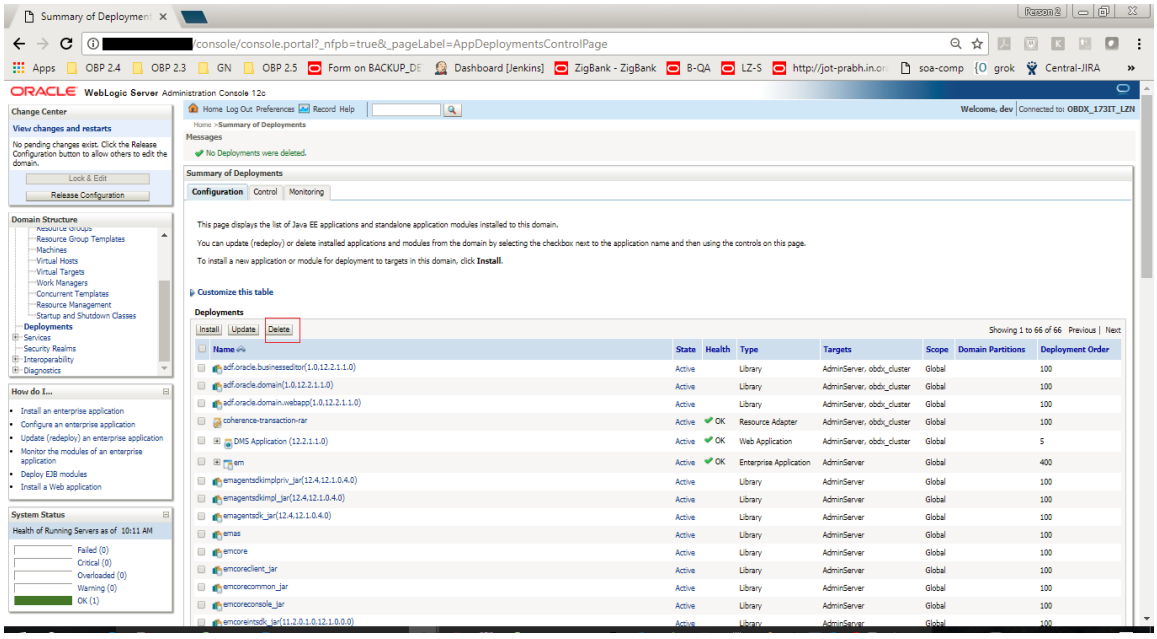
Note: First shut down the application server. Go to deployments. Un-deploy the REST application project of the OBDX 18.1.0.0.0 Base and deploy REST application project of the OBDX 18.1.0.0.0 US LZN, two libraries (ii & iii) and an application (iv) as mentioned above. All other libraries of OBDX 18.1.0.0.0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

Steps to Un-deploy library/application -

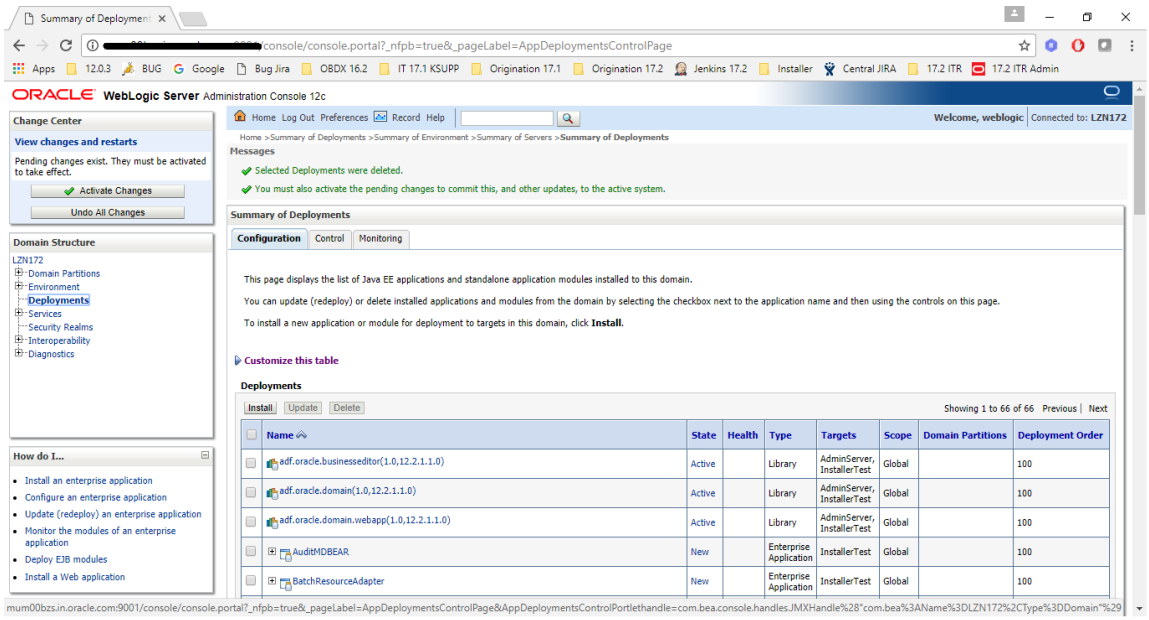
Login into Weblogic Server. Go to Deployments. Select the library/application and click on delete.



Confirm delete.

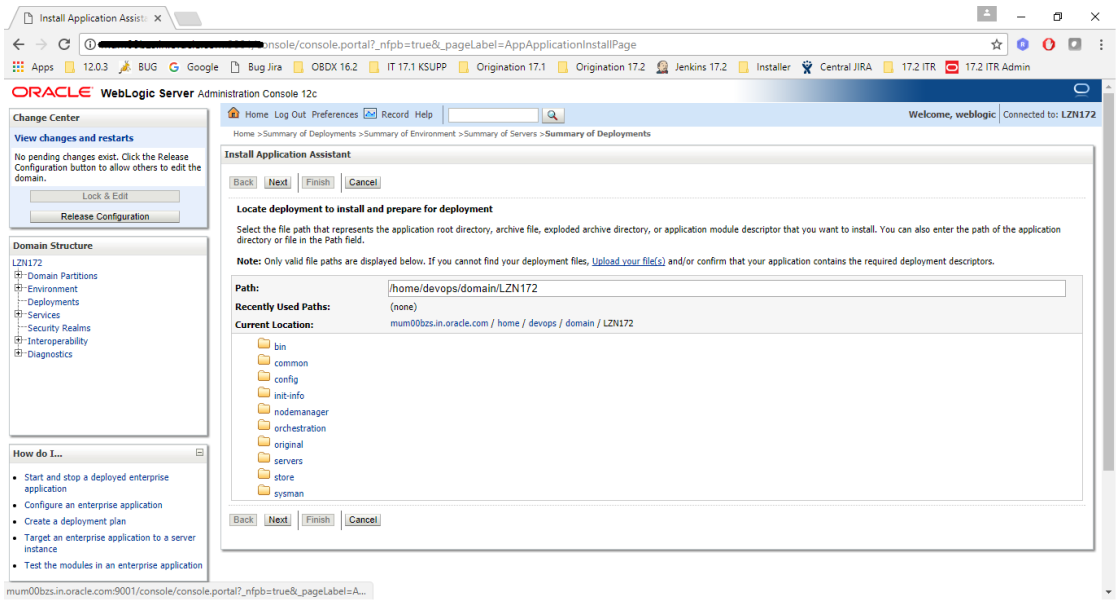


Success message will be displayed.

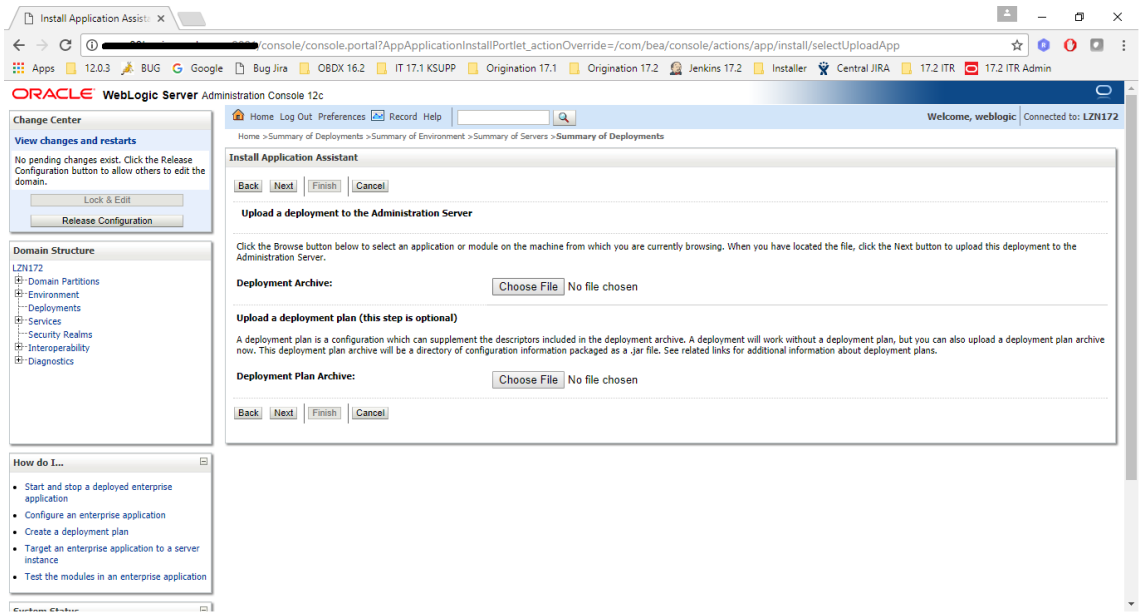


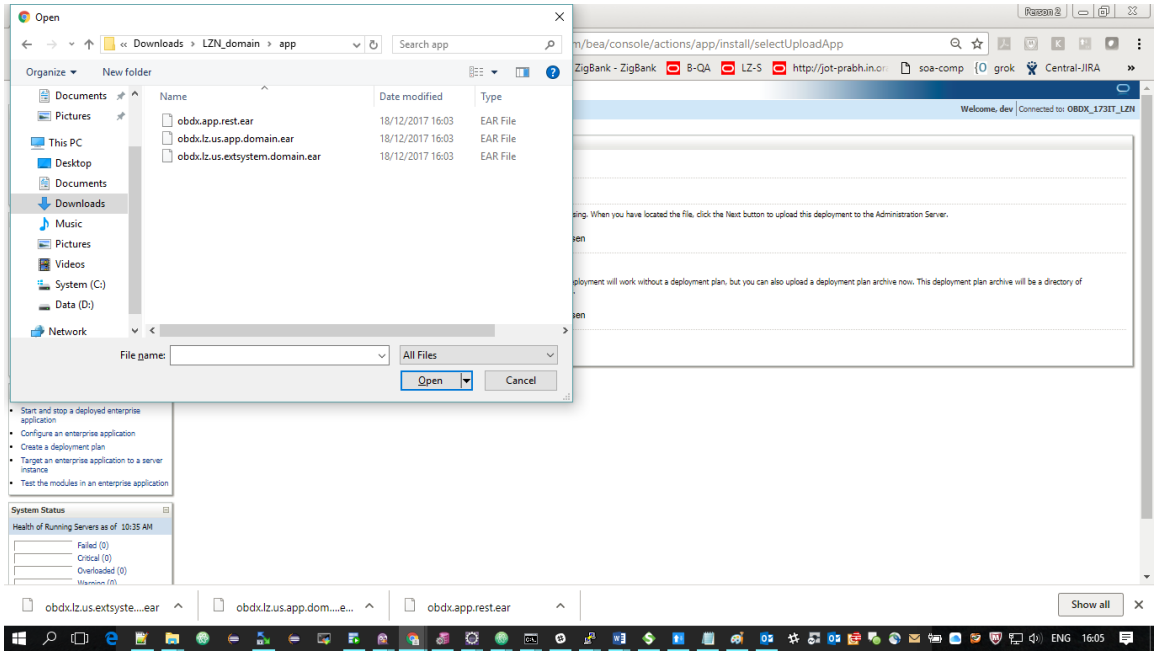
Steps to Deploy library/application -

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

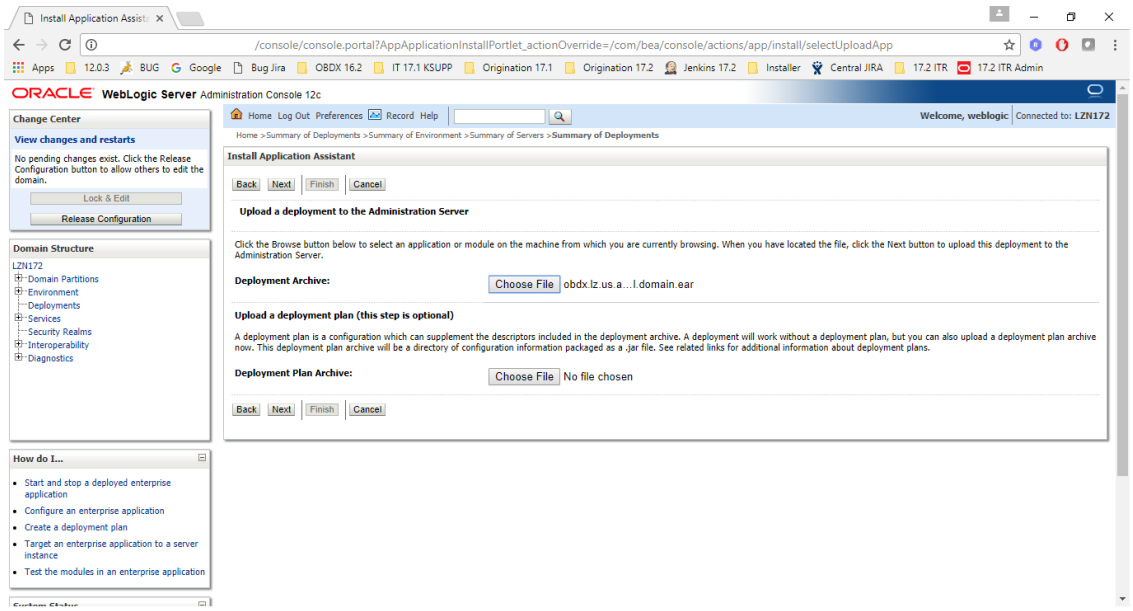


Click on ‘Choose File’ to select the library/application to upload.

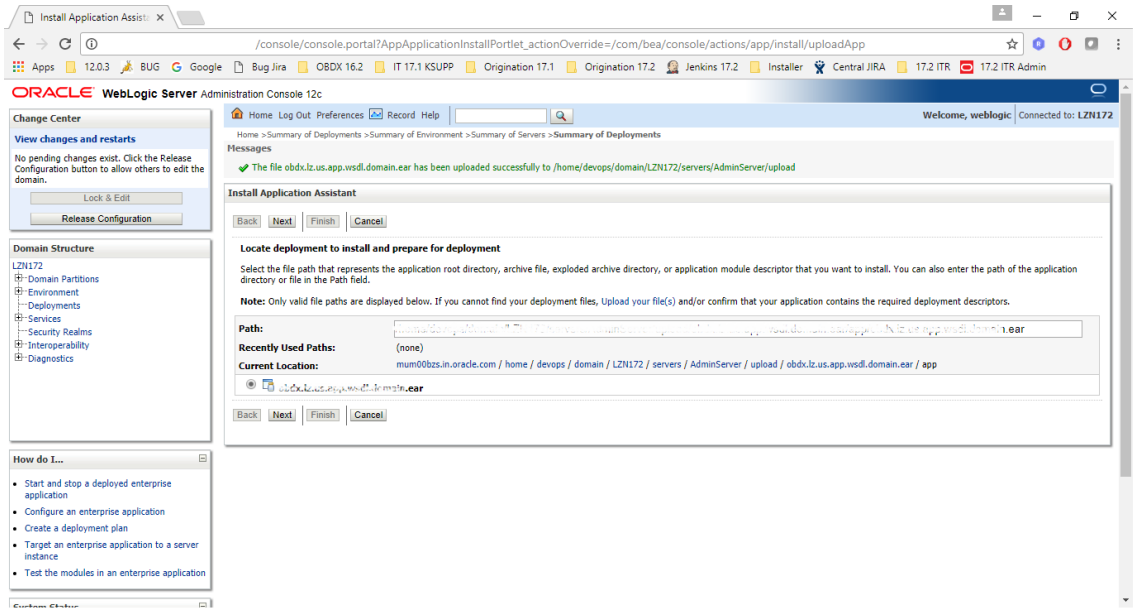




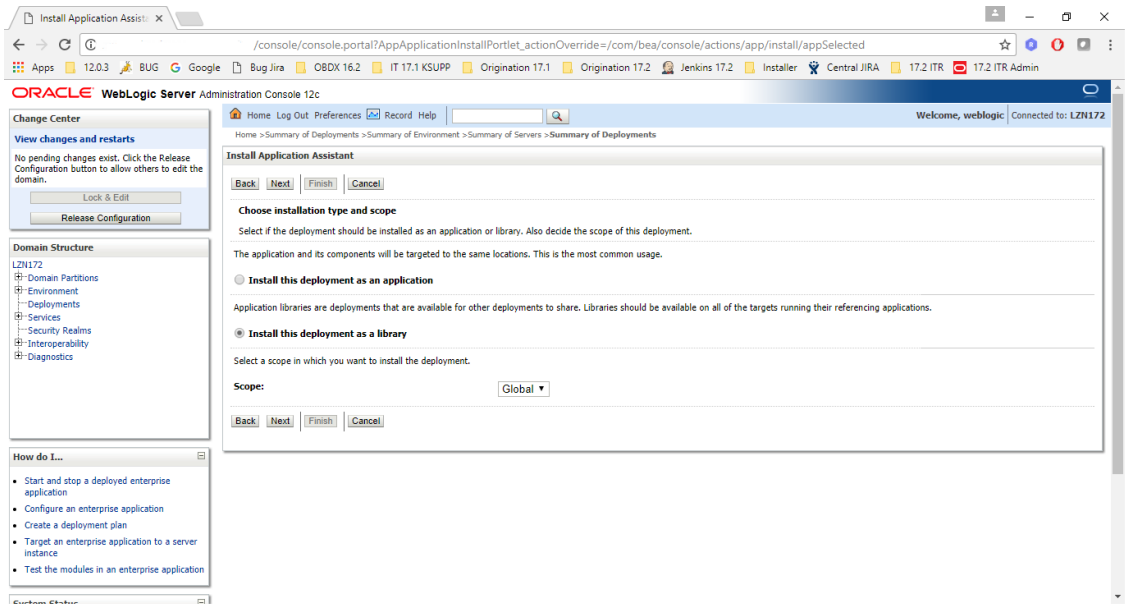
Click on NEXT button.



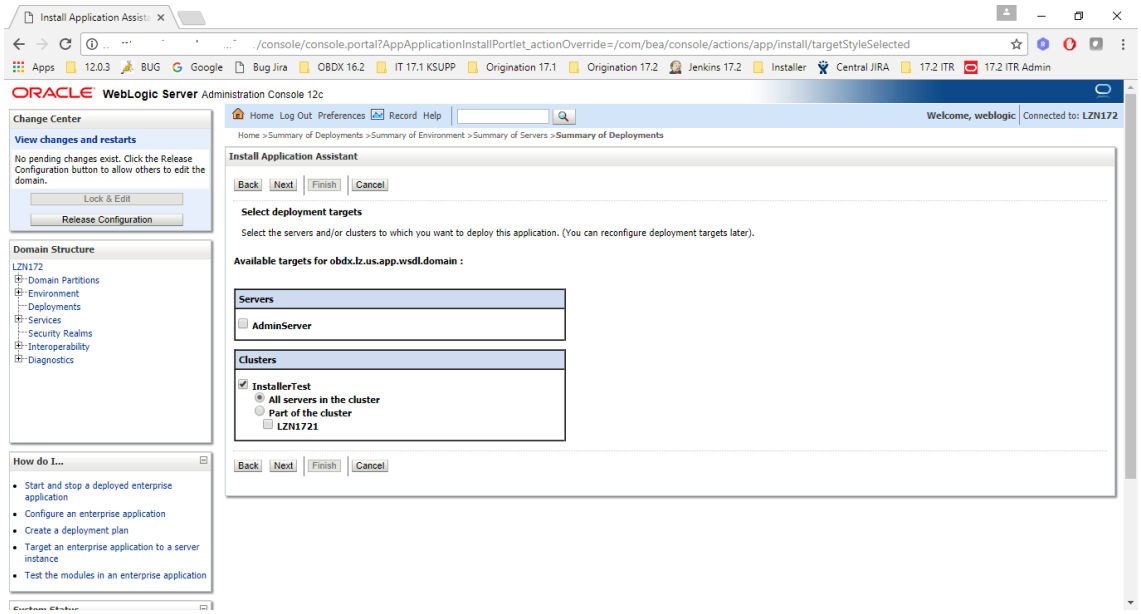
Again click on NEXT button.



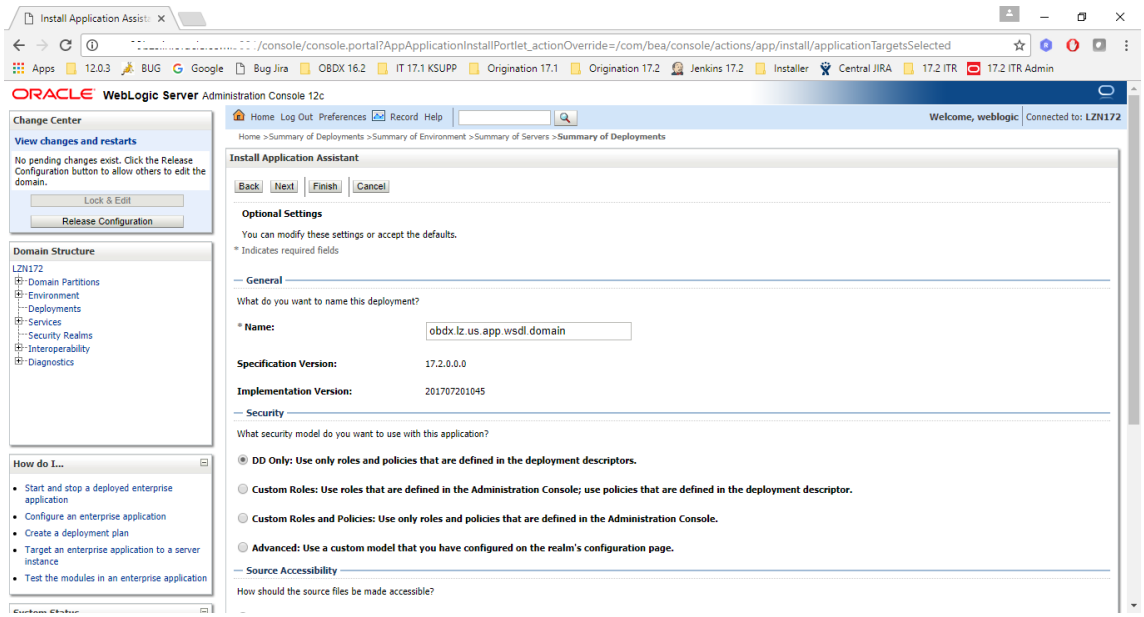
Select ‘Install as library/application’, as per the deployment.



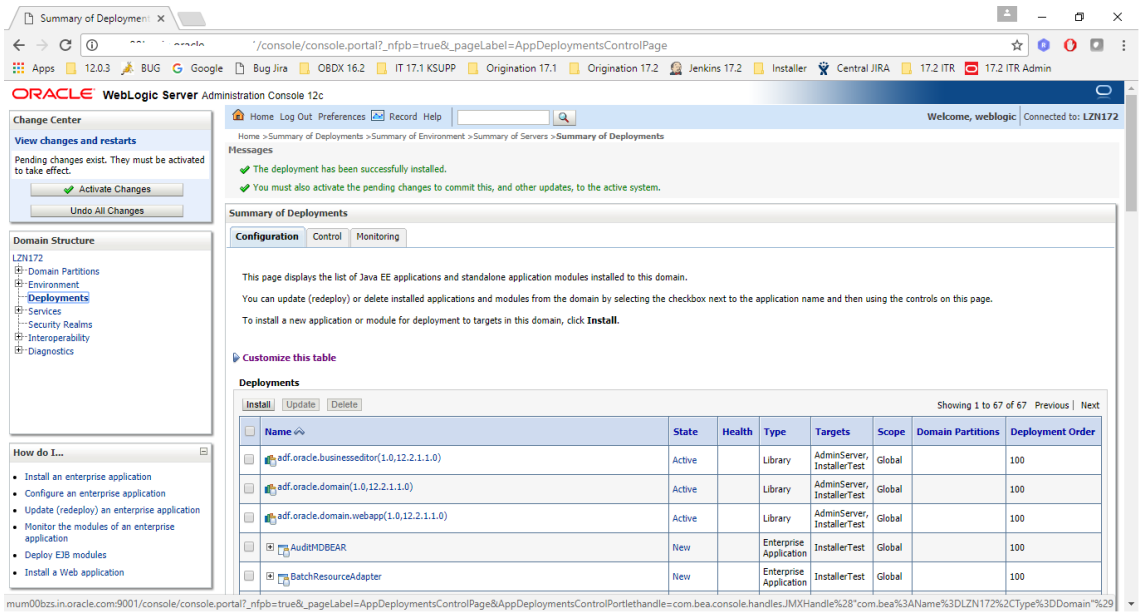
Select the managed server/cluster to deploy on. Click on Next.



Click on Finish.



Confirmation of installation will be displayed.



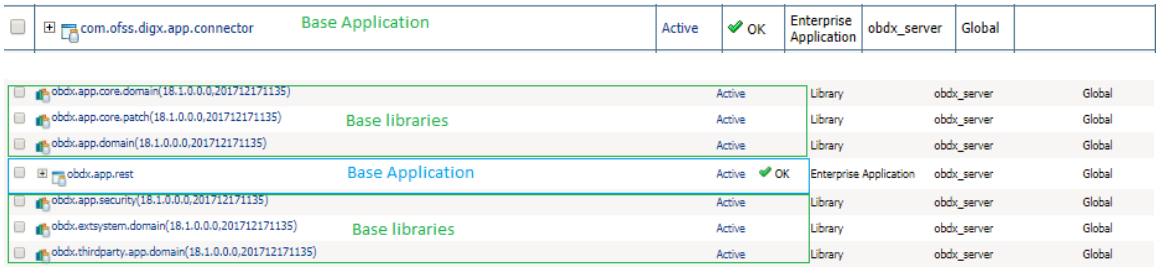


Figure 1 : Deployments after OBDX18.1.0.0.0 Base Installation

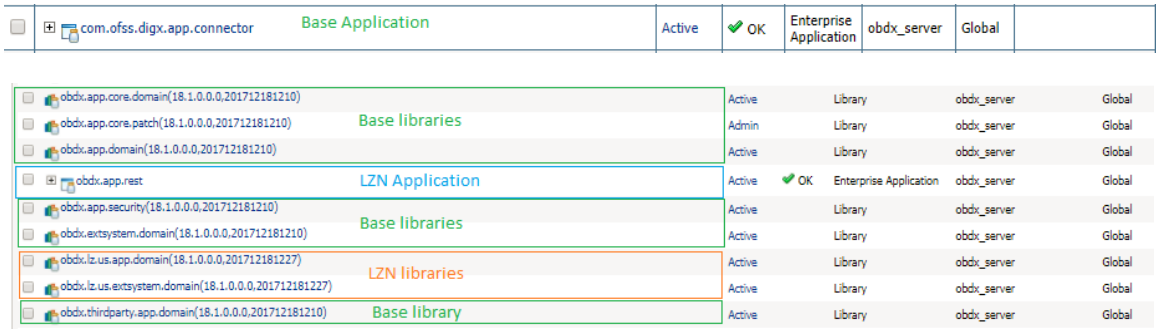


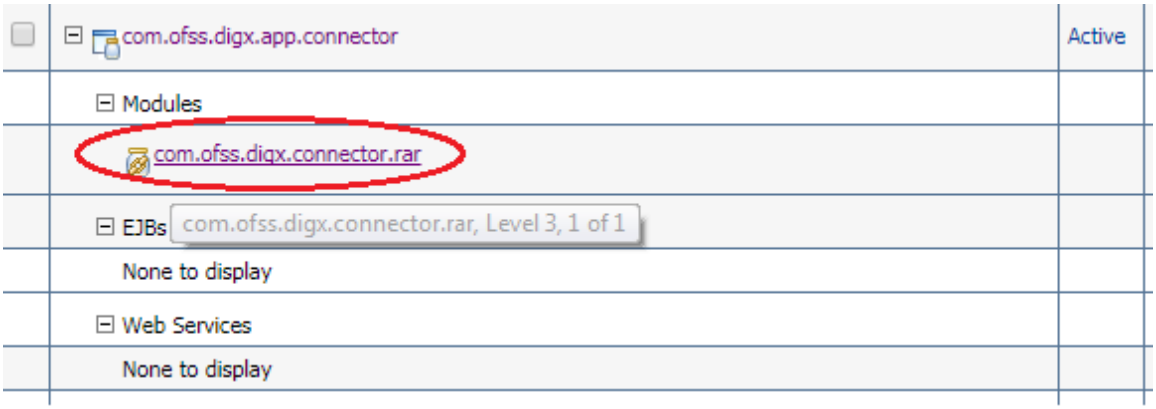
Figure 2: Deployments after OBDX 18.1.0.0.0 OFSLL Installation

4.3.2 Security credential mapping for connector.ear

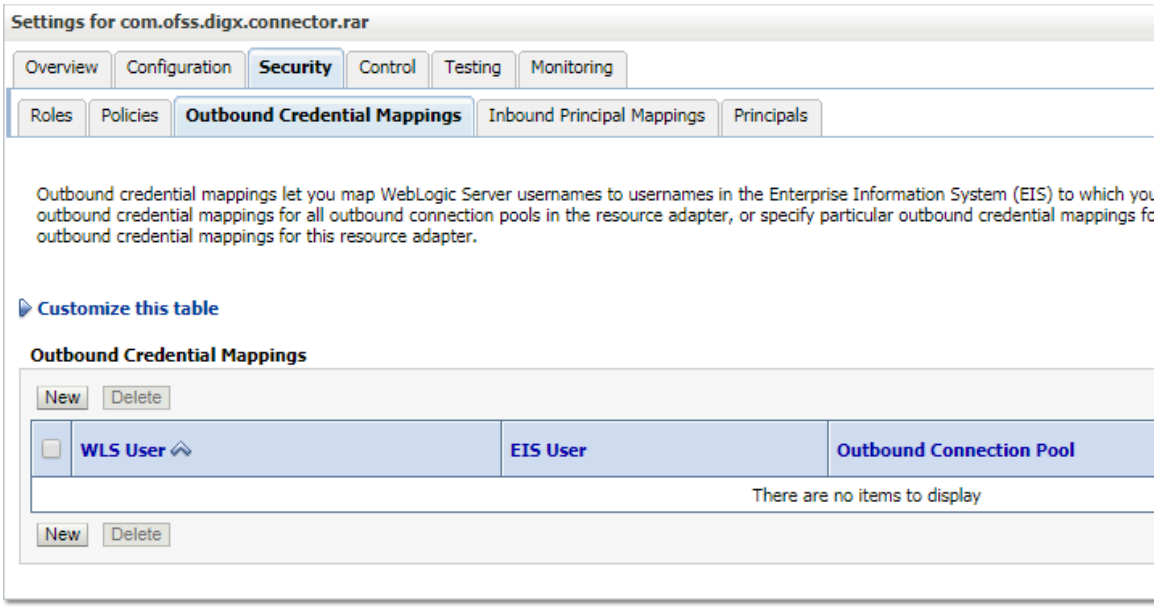
Please follow following steps

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.

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

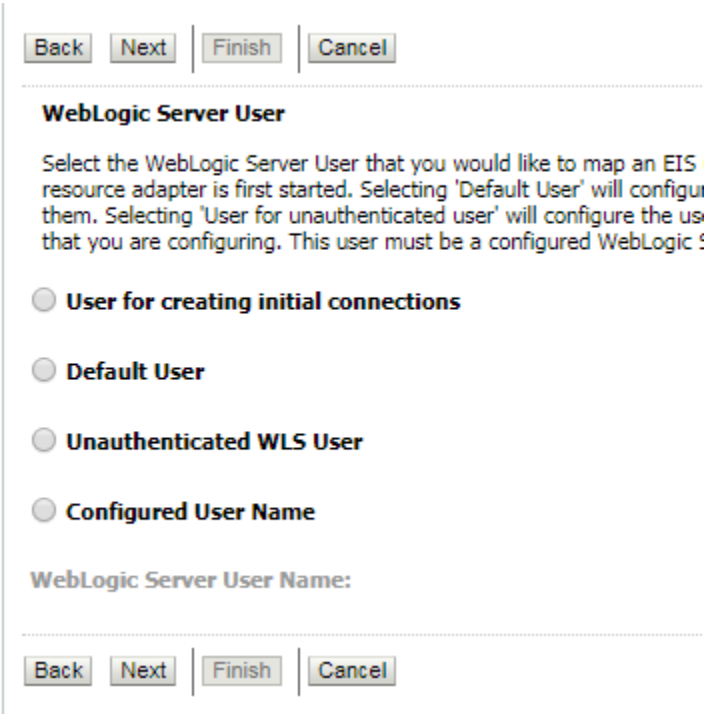


5. Click '**Security**' tab and then click '**Outbound Credential Mappings**' sub tab as shown below.

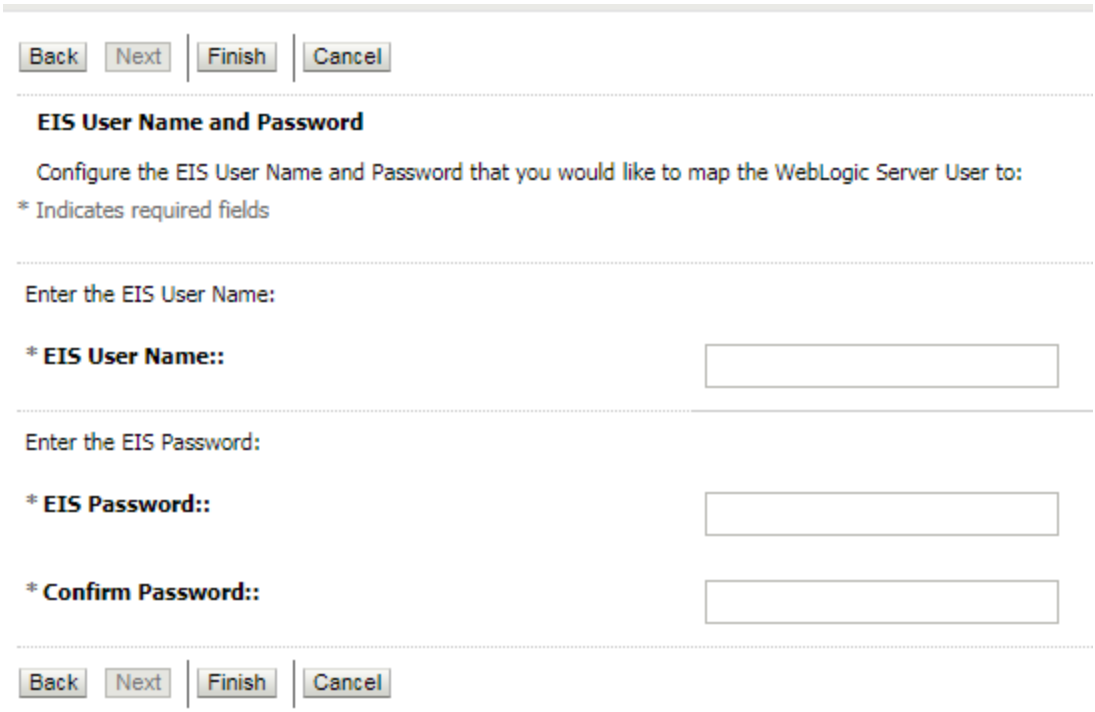


6. Click on '**New**' Button. Following screen will be appearing.

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



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



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

EIS User Name → AES_KEY

EIS Password → OBDX_PASSWORD123

Confirm Password → OBDX_PASSWORD123

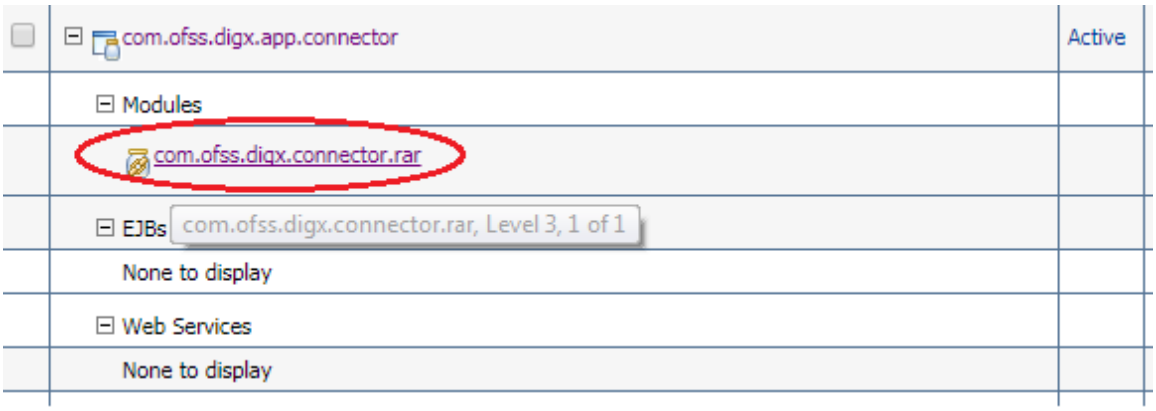
10. Restart the manage server to activate the changes.

4.3.3 BI credential mapping for connector.ear

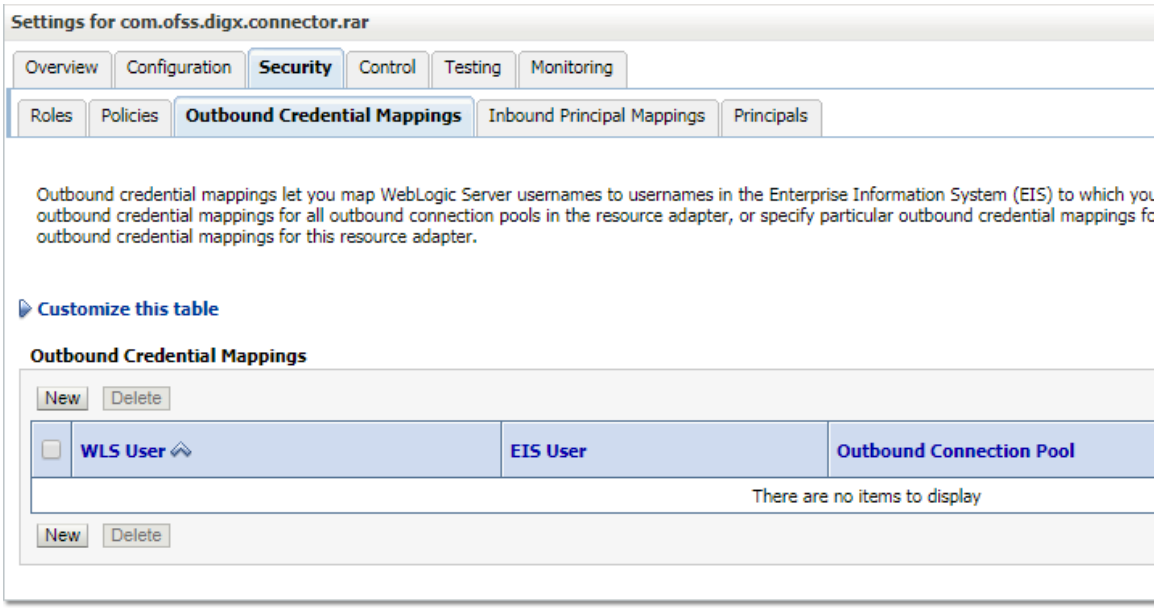
Please follow following steps

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.

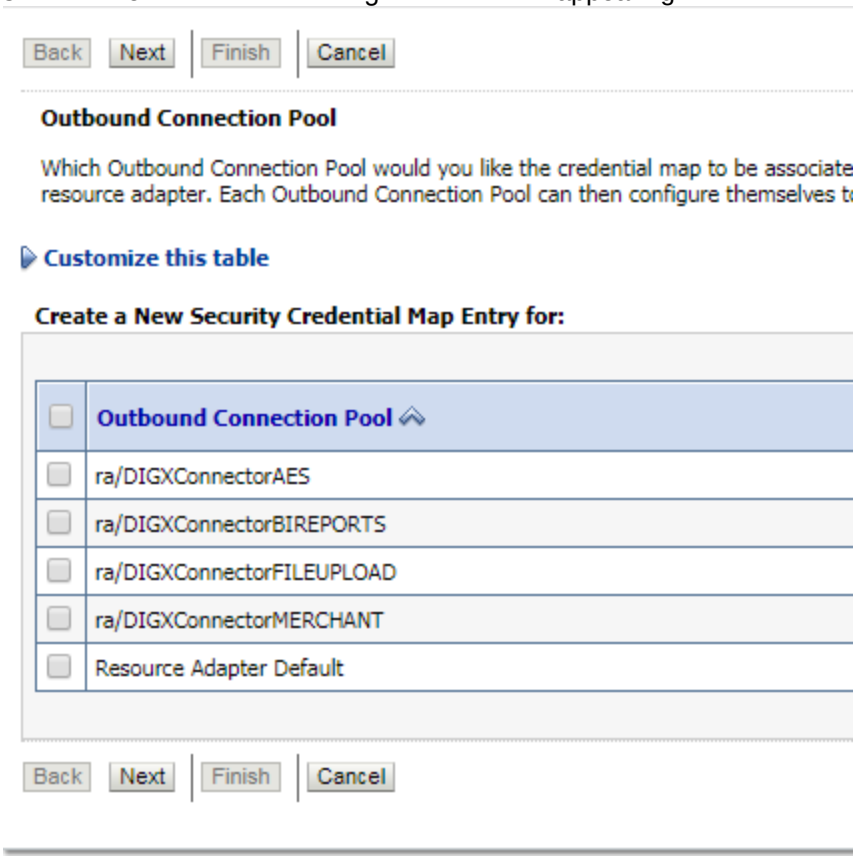
4. Click **com.ofss.digx.connector.rar** as shown below.



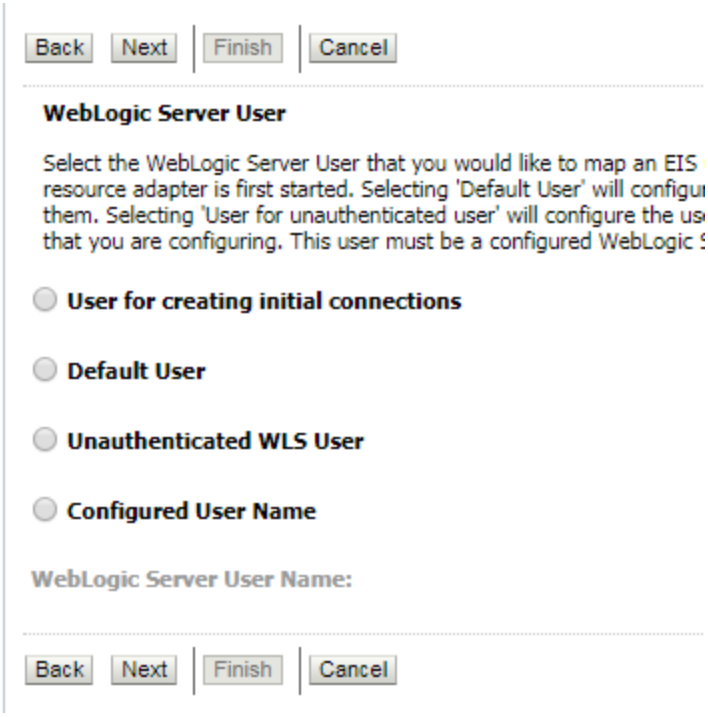
5. Click '**Security**' tab and then click '**Outbound Credential Mappings**' sub tab as shown below.



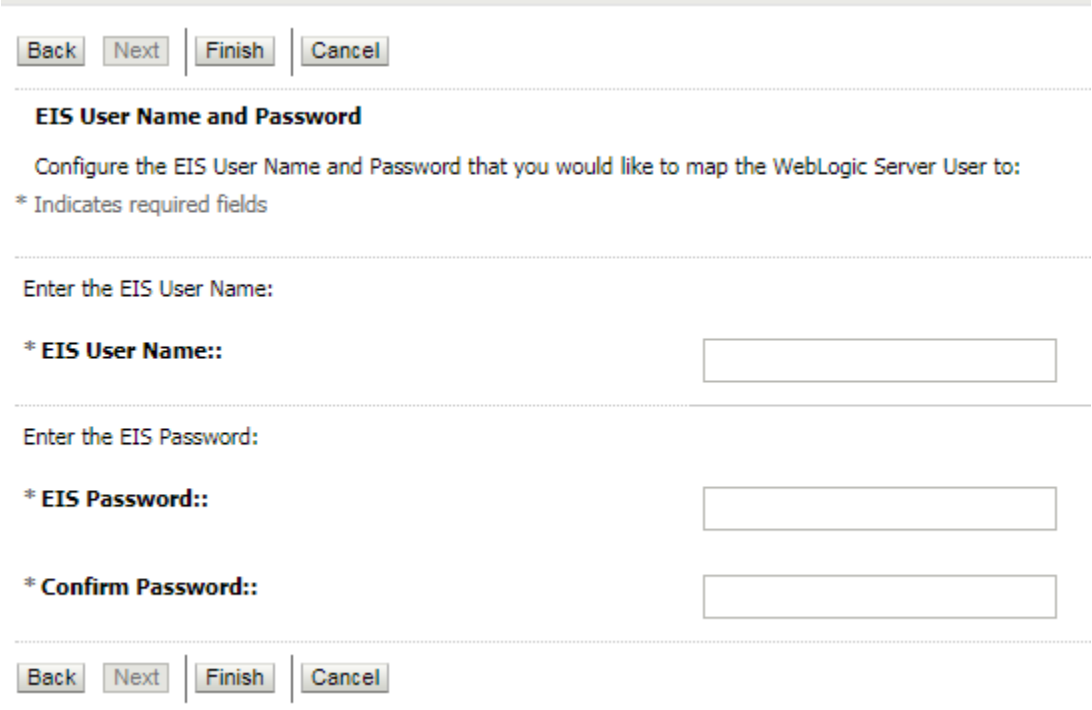
6. Click on '**New**' Button. Following screen will be appearing.



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



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



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 OBDX 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 Digital Experience 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_NMKT', FROM_ADDR='<system_email_id>' WHERE MULTI_ENTITY_CODE='OBP_ME' and Destination_type='EMAIL';	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.

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.
Origination Config_ofsll143	DEALER_APPLICATION_NUMBER	Dealer's application number present in OFSLL application.
Origination Config_ofsll143	DEALER_ID	Dealer Id present in OFSLL application.

Origination Config_ofsll143	LENDER_ID	Lender Id present in OFSLL application.
Origination Config_ofsll143	LENDER_DEALER_ID	Lender Dealer Id present in OFSLL application.
Origination Config_ofsll143	COMPANY_CODE	Company Code present in OFSLL application.
Origination Config_ofsll143	BRANCH_CODE	Branch Code present in OFSLL application.
Origination Config_ofsll143	DATA_REQUIRED_FOR_SUBMISSION	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 OBDX OFSLL application.

5.4 Promo code maintenance

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

5.5 Dealer maintenance

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

5.6 Social Media Integration

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

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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.

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7. Admin Maintenance

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);

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