

# **Oracle Banking APIs**

**File Upload Report Configuration Guide**

**Release 18.1.0.0.0**

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File Upload Report 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>.

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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.

*Introduction* provides brief information on the overall functionality covered in the User Manual.

The subsequent chapters provide information on transactions covered in the User Manual.

Each transaction is explained in the following manner:

- Introduction to the transaction
- Screenshots of the transaction
- The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.
- Procedure containing steps to complete the transaction- The mandatory and conditional fields of the transaction are explained in the procedure.

If a transaction contains multiple procedures, each procedure is explained. If some functionality is present in many transactions, this functionality is explained separately.

## 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 Licensing Guide
- Oracle Banking APIs Installation Manuals

## 2. File Uploads

Outside Inn - This is used for parsing XLS,XLSX in file uploads module. This library for all platforms can be download from

<http://www.oracle.com/technetwork/middleware/webcenter/content/oit-dl-otn-097435.html>

Search Export – 8.5.3

Update the path for exepath in sx.cfg located at config/outsidein/linux64

Eg.

exepath /scratch/container/config/outsidein/linux64/exporter

For other platforms merge the sx.cfg configurations

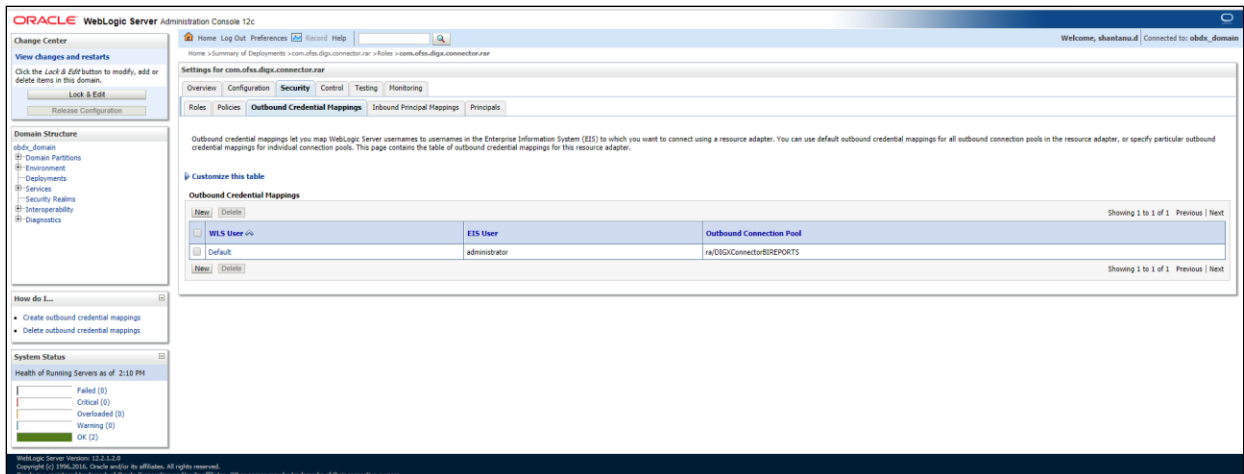
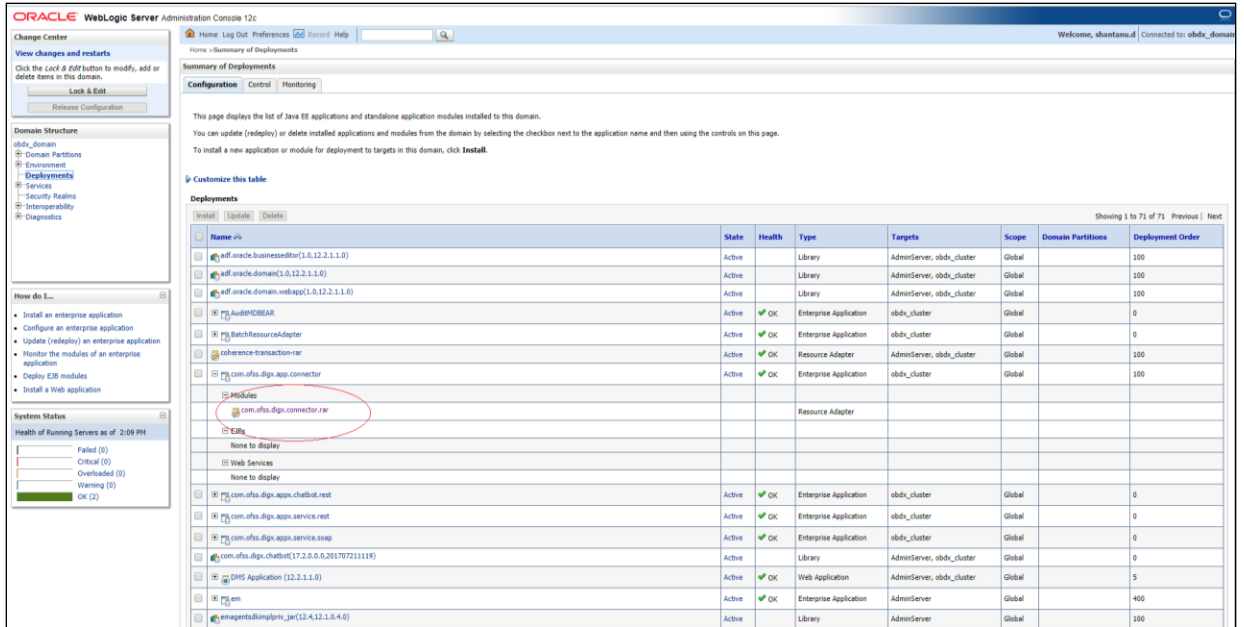
Grant 777 privileges for OutsideIn directory

/scratch/config/outsidein/linux64/					
Name	Size	Changed	Rights	Owner	
xxredir	115 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
sxsample	8 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
sx.cfg	26 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
process_isolate_sample_unix	17 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
oilink	624 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libwv_gdlib.so	86 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libwv_core.so	4,696 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_zip.so	18 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_yim.so	21 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xy.so	28 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xps.so	41 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xmp.so	13 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xml.so	22 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xlsb.so	194 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xl12.so	229 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_xl5.so	292 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_ws2.so	20 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_ws.so	30 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_wpw.so	50 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_wpml.so	22 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_wpl.so	26 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	
libvs_wpg2.so	48 KB	12/29/2017 7:11:01 PM	rw-rw-rw-	root	

If the files uploaded are encrypted, the key used for file decryption by default decryptor is stored in database in digx\_fw\_config\_all\_b with prop\_id as 'ENCRYPTION\_KEY'. Out of the box the key is store in database in digx\_fw\_config\_all\_b. The same key is used by default encrypter to encrypt extracts/response files If this is to be stored in WLS connector update the property as below

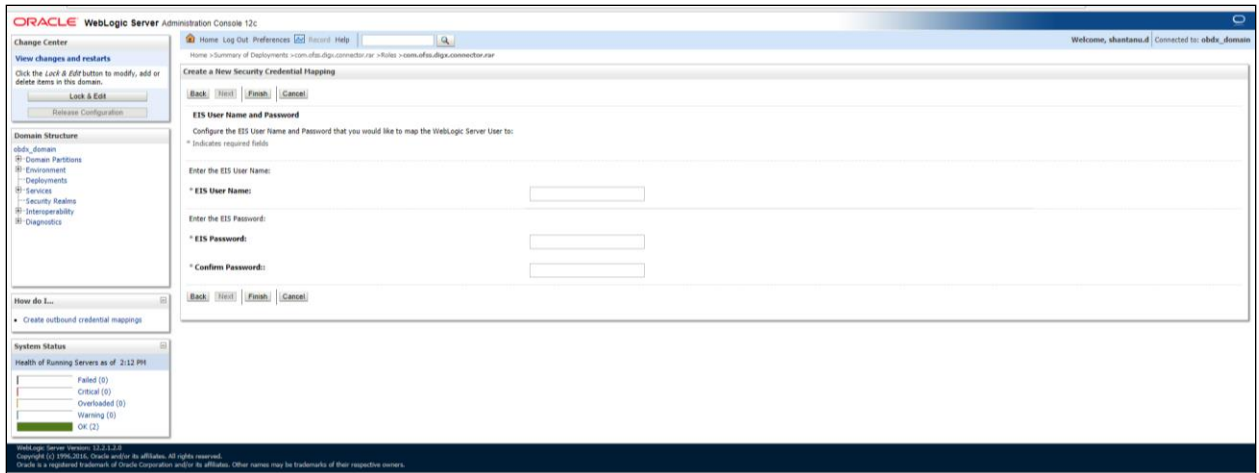
update digx\_fw\_config\_all\_b set prop\_value='KEY\_STORE' where prop\_id='ENCRYPTION\_KEY\_LOCATION';

Update the encryption key in connector as below –



Click New > Select ra/DIGXConnectorFILEUPLOAD > Next > Select Default User

In password field enter the encryption key



Reports in OBAPIs can be used with Internal Reports Engine or Oracle BI.

Out of the box reports work with internal reports engine. To change the pointing to Oracle BI Publisher run the below query. This can be for all or some reports

---

**Note** - A8\_C2\_PENDING\_APPROVALS works only with BI.

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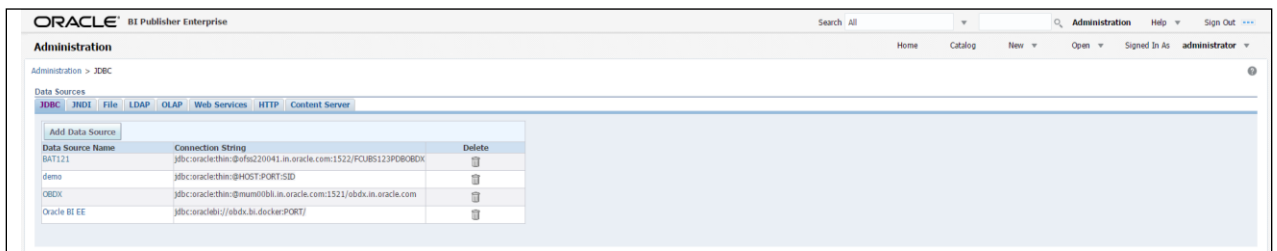
### 3. Reports – BI Configuration

1. Execute below query for those reports which need to pointed to BI  
 update digx\_rp\_definition set provider='BI', allowed\_formats='PDF~EXCEL';

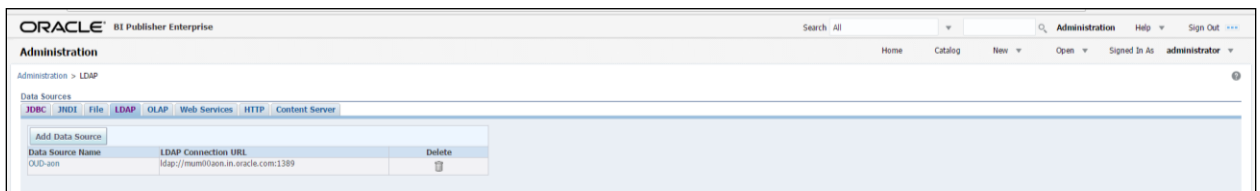
**Update BI webservice URL as**

Update digx\_fw\_config\_out\_ws\_cfg\_b set url='http://<BI Host>:<BI Port>/xmlpserver/services/v2/ReportService?WSDL' where service\_id='runReport'

2. Login to BI and navigate to Administration link. Add JDBC data source
  - a. OBAPIs → Points to OBAPIs schema
  - b. BAT121 → Points to UBS EXT schema



3. Add OUD data source – OUD-aon (Required only for User Creation Report and using LDAP to store users)

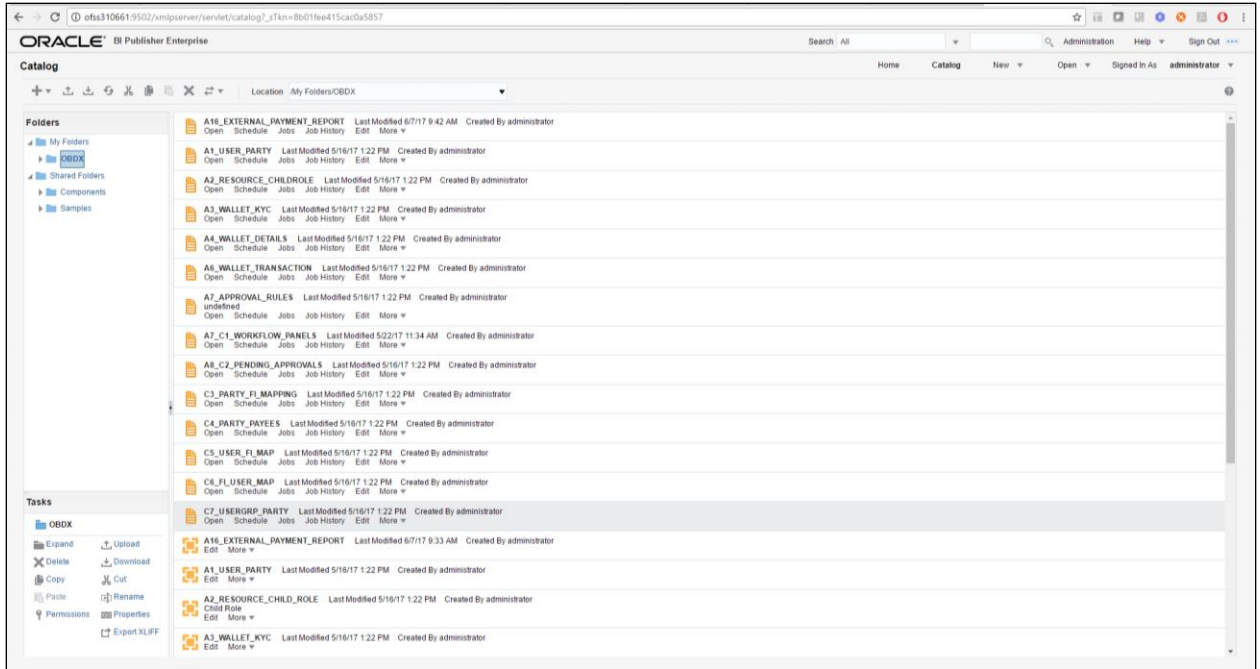


4. Upload all xdoz and xdmz from config/resources/report/obi117 (Some reports may have more than one xdmz's) (All xdoz and xdmz can be copied inside OBAPIs.xrdrz and uploaded at once. Empty xrdrz is supplied in the 'config/resources/report/obi117')

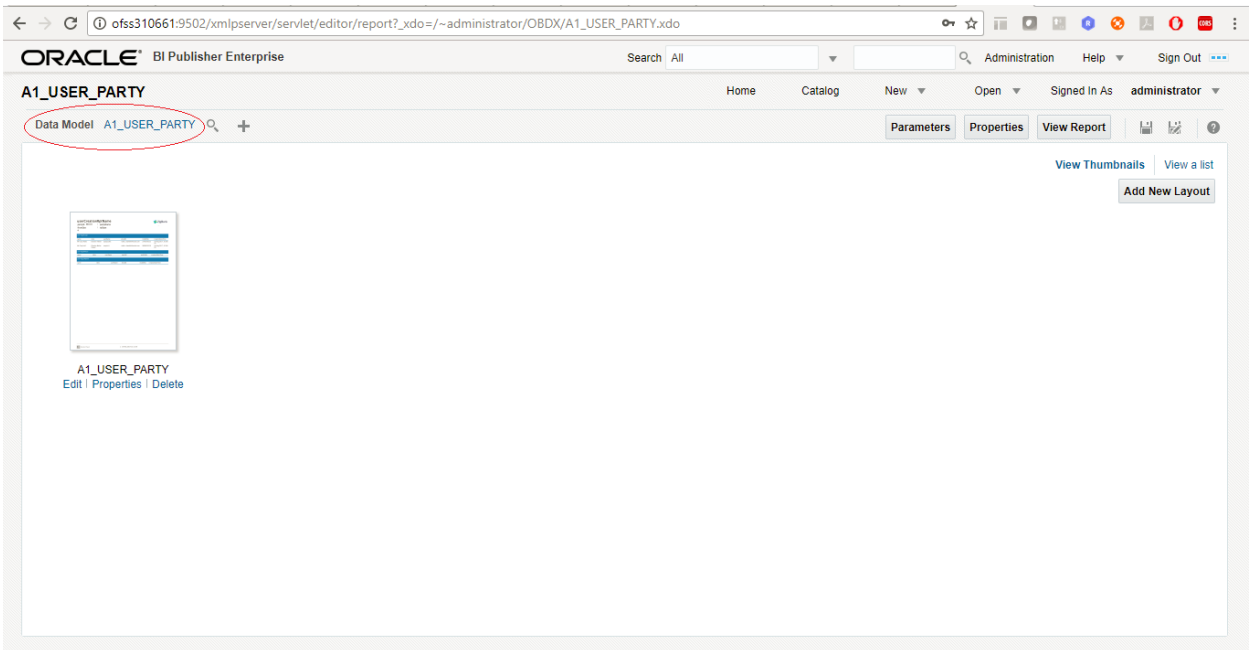
Eg. A1\_USER\_PARTY.xdmz – (OUD)  
 A1\_USER\_PARTY\_DBAUTH.xdmz – (DB Authenticator)  
 A1\_USER\_PARTY\_OPEN\_LDAP – (Open LDAP)

Select the appropriate xdmz and map to xdoz as shown below -





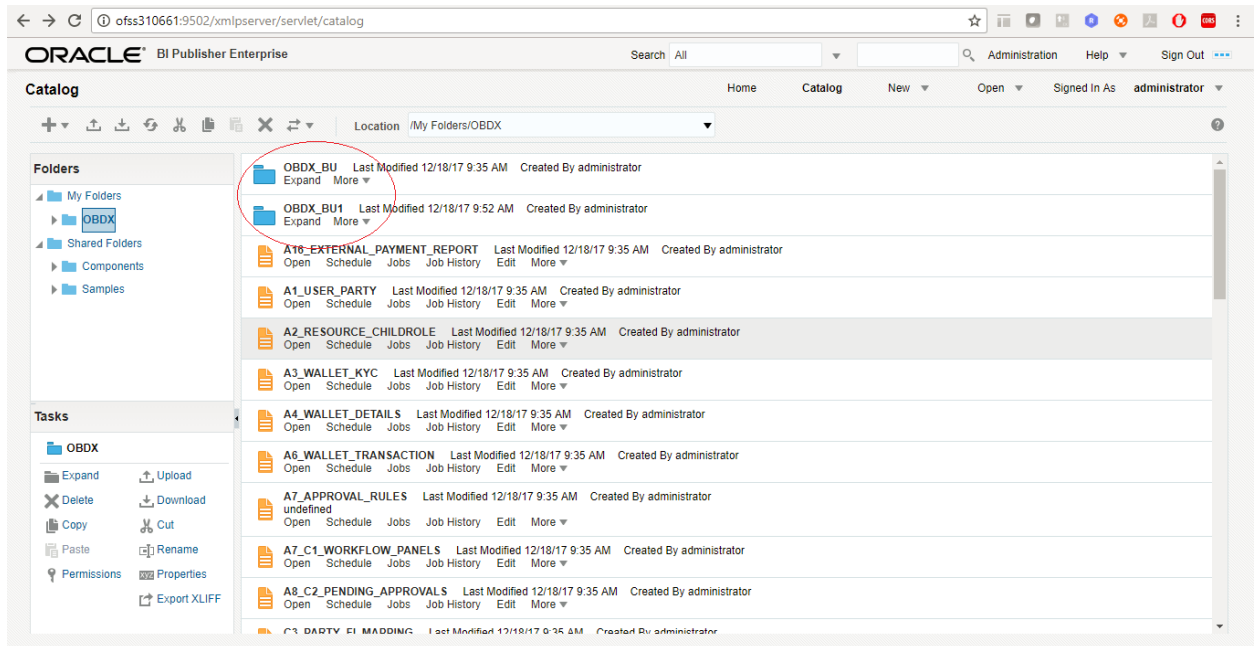
Click Edit → Data model



Select the data model and save.

For multi entity reports create separate directories as shown below

U3 and U4 are multi entity reports



5. Note the user used for BI console and the folder in which these artifacts are uploaded.

Update the paths if required –

```
select * from digx_fw_config_all_b where category_id='reportconfig' and prop_id like 'BI_ABSPATH%'
```

Oracle BI Credentials are stored in WLS connector

The screenshot shows the Oracle WebLogic Server Administration Console. The main area displays a table of deployed applications and modules. The table has columns for Name, State, Health, Type, Targets, Scope, Domain Partitions, and Deployment Order. The application 'com.ofss.digx.connector.rar' is highlighted with a red circle. Below the table, there are sections for 'Modules' and 'EJBs'.

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
oracle.businesseditor(1.6.12.2.1.1.0)	Active		Library	AdminServer: obd_cluster	Global		100
oracle.domain(1.6.12.2.1.1.0)	Active		Library	AdminServer: obd_cluster	Global		100
oracle.domain.webapp(1.6.12.2.1.1.0)	Active		Library	AdminServer: obd_cluster	Global		100
AuditDBEAR	Active	OK	Enterprise Application	obd_cluster	Global		0
batchResourceAdapter	Active	OK	Enterprise Application	obd_cluster	Global		0
coherence-transaction.rar	Active	OK	Resource Adapter	AdminServer: obd_cluster	Global		100
com.ofss.digx.app.connector	Active	OK	Enterprise Application	obd_cluster	Global		100
com.ofss.digx.connector.rar	Active	OK	Resource Adapter				
com.ofss.digx.connector.rar	Active	OK	Resource Adapter				
com.ofss.digx.app.chatbot.rest	Active	OK	Enterprise Application	obd_cluster	Global		0
com.ofss.digx.app.service.rest	Active	OK	Enterprise Application	obd_cluster	Global		0
com.ofss.digx.app.service.scep	Active	OK	Enterprise Application	obd_cluster	Global		0
com.ofss.digx.chatbot(17.2.0.0.0.201707211119)	Active		Library	AdminServer: obd_cluster	Global		0
DMS Application (12.2.1.1.0)	Active	OK	Web Application	AdminServer: obd_cluster	Global		5
em	Active	OK	Enterprise Application	AdminServer	Global		400
emagentdiplomlar.jar(12.4.12.1.8.4.0)	Active		Library	AdminServer	Global		100

Add outbound credentials for this application, by following below steps.

- Browse to the deployed connector application > Security > Outbound Credential Mapping section

The screenshot shows the 'Settings for com.ofss.digx.connector.rar' page. The 'Security' tab is selected, and the 'Outbound Credential Mappings' sub-tab is active. The page contains a table for mapping WLS users to EIS users. The table is currently empty, with the text 'There are no items to display' at the bottom.

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

- Click new and select ra/DIGXConnectorBIPREPORTS

**Create a New Security Credential Mapping**

Back Next Finish Cancel

**Outbound Connection Pool**

Which Outbound Connection Pool would you like the credential map to be associated with? Selecting Resource Adapter Default will configure

[Customize this table](#)

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

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

Back Next Finish Cancel

- Select Default user option

**Create a New Security Credential Mapping**

Back Next Finish Cancel

**WebLogic Server User**

Select the WebLogic Server User that you would like to map an EIS user to. Selecting 'User for creating initial connections' will create an unauthenticated WebLogic Server user that does not have a credential mapping specifically for them. Selecting 'Default User' will create a WebLogic Server user that has a credential mapping specifically for them. This user must be a configured WebLogic Server user.

User for creating initial connections  
 **Default User**  
 Unauthenticated WLS User  
 Configured User Name

WebLogic Server User Name:

Back Next Finish Cancel

- Enter administrator credentials of BIP and click Finish

**Create a New Security Credential Mapping**

**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::**

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