

BI Publisher Setup
Oracle Banking Liquidity Management
Release 14.1.0.0.0
[May] [2018]



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1. Configuring Liquidity Management Reports

1.1 Introduction

Prerequisite: BIP Server should be installed before Configuring Liquidity Management Reports.

1.2 Starting BI Server

1. Login to putty or any Linux client
2. Navigate to the path of BIP domain and open bin folder
(For ex: /scratch/Middleware/Oracle_Home/user_projects/domains/bi/bin)
3. Run ./startNodeManager.sh
4. Open bin folder under the bitools folder
(For ex:
/scratch/oracle/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/bitools/bin)
5. Run ./start.sh
6. Wait until all the servers are up and running.

```
Starting all servers ...
Server bi_server1 not started as already in state (RUNNING)
Starting obiccs1 (Original State:SHUTDOWN) ...
Started obiccs1

Starting obis1 (Original State:SHUTDOWN) ...
Started obis1

Starting obips1 (Original State:SHUTDOWN) ...
Started obips1

Starting obijh1 (Original State:SHUTDOWN) ...
Started obijh1

Starting obisch1 (Original State:SHUTDOWN) ...
Started obisch1

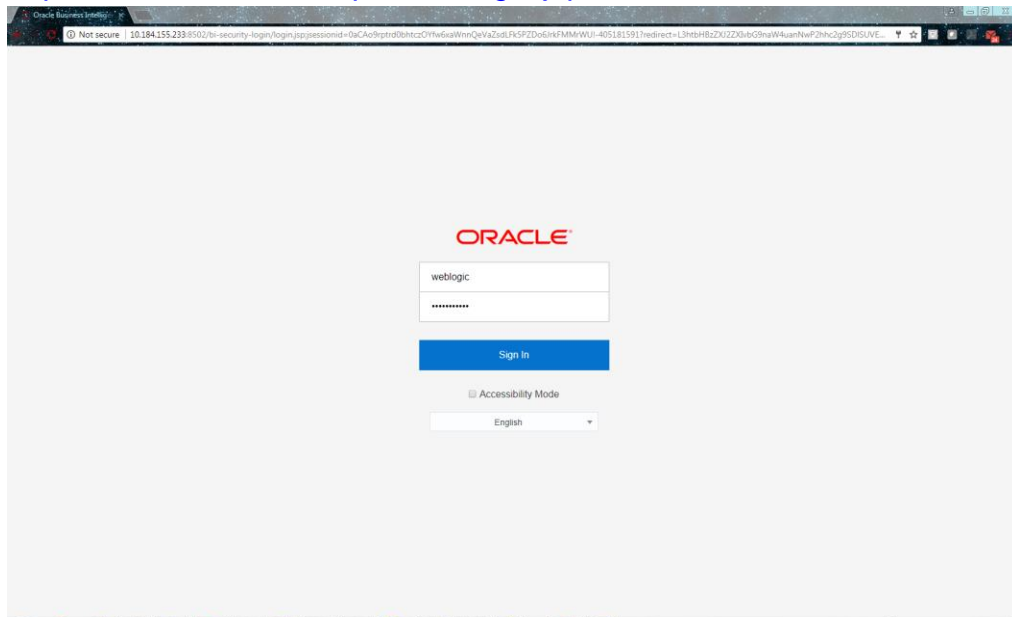
Finished starting servers

Status of Domain: /scratch/obiee12c/Middleware/Oracle_Home/user_projects/domains/bi
NodeManager (whf00bmv.in.oracle.com:9506): RUNNING

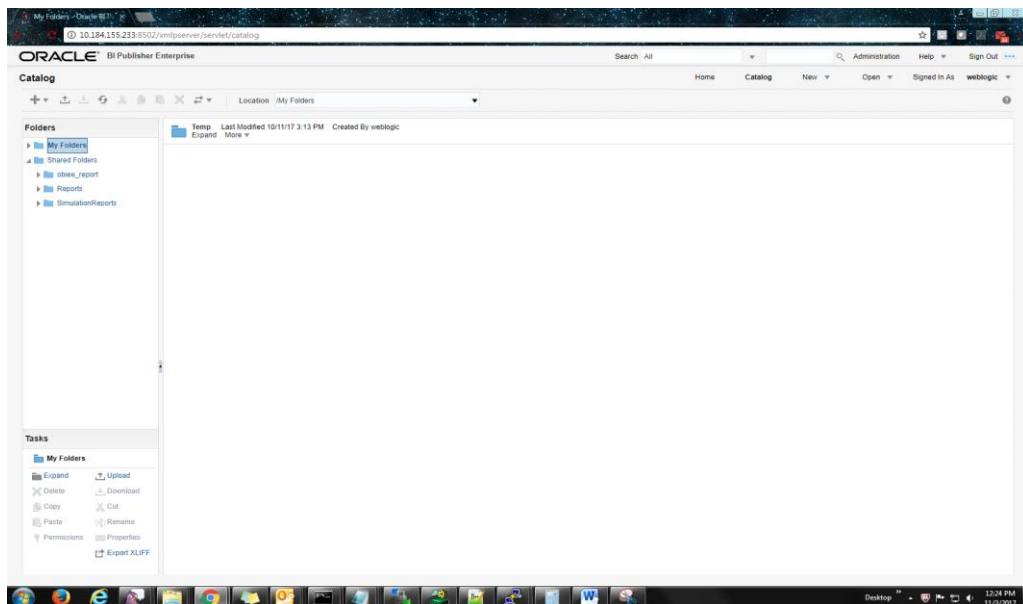
Name           Type           Machine           Status
----           -
AdminServer    Server         whf00bmv.in.oracle.com  RUNNING
bi_server1     Server         whf00bmv.in.oracle.com  RUNNING
obips1         OBIPS          whf00bmv.in.oracle.com  RUNNING
obijh1         OBIJH          whf00bmv.in.oracle.com  RUNNING
obiccs1       OBICCS         whf00bmv.in.oracle.com  RUNNING
obisch1       OBISCH         whf00bmv.in.oracle.com  RUNNING
obis1         OBIS           whf00bmv.in.oracle.com  RUNNING
```

1.3 Upload BI Reports

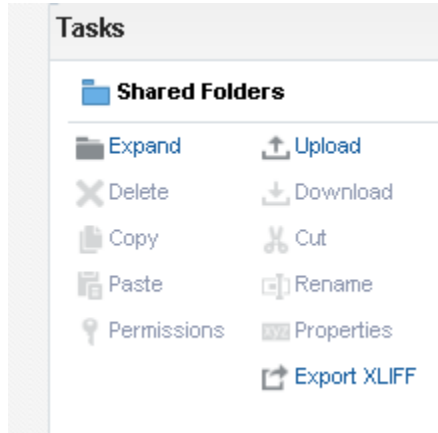
1. Open browser and go to BI Console:
<http://localhost:9502/xmlpserver/login.jsp>



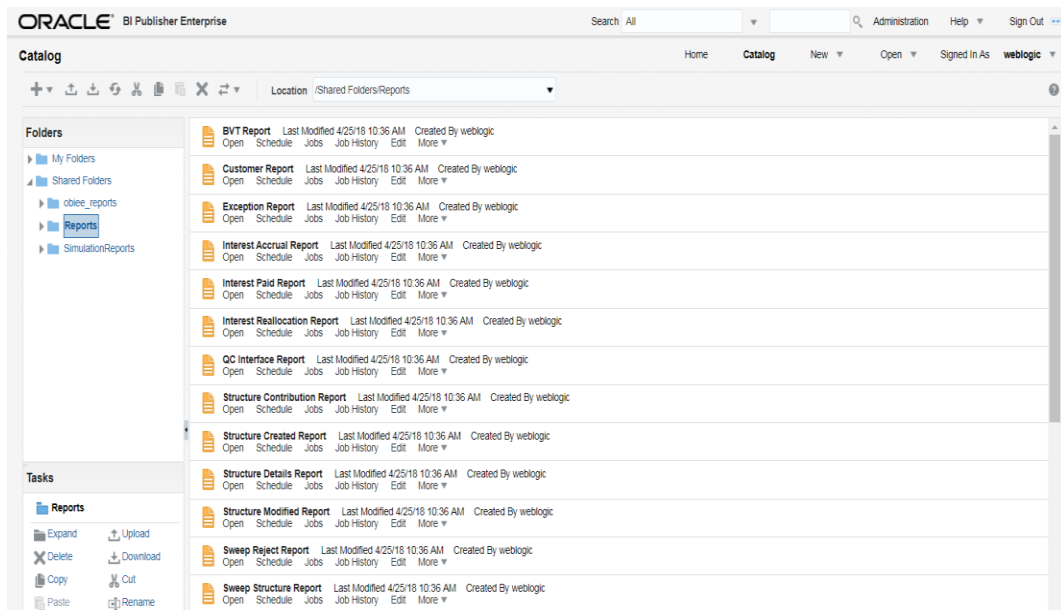
2. Enter Username and Password and Sign in into BI Publisher Administration Console.
3. Click on Catalog tab at the upper right corner of the page and click on the Shared Folder on the left hand side.

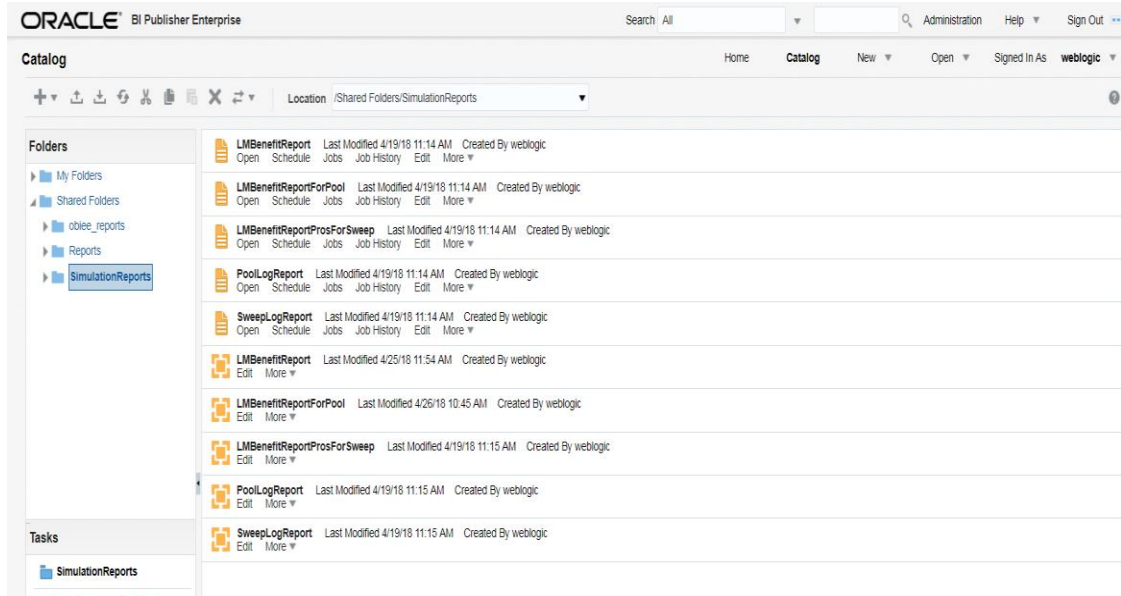


4. Click on Upload link at the bottom left corner of the page.



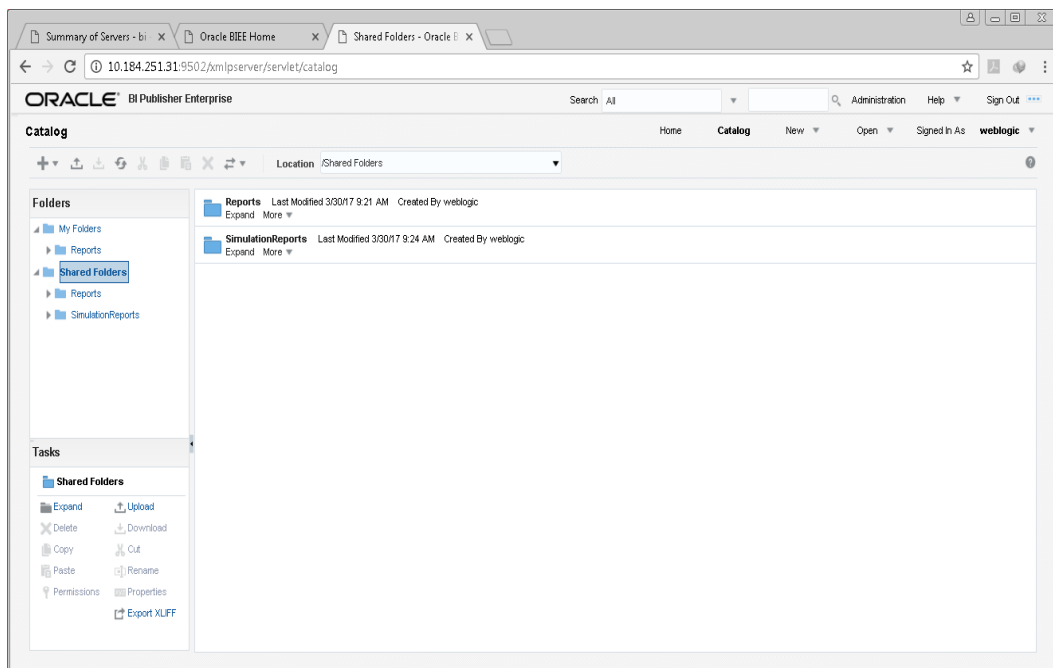
5. Browse the Reports folder of the OSDC Package to find the files **Reports.xdrz** and **SimulationReports.xdrz** to upload and choose the files one by one and click Upload.
6. The reports will be uploaded to the BIP Server.



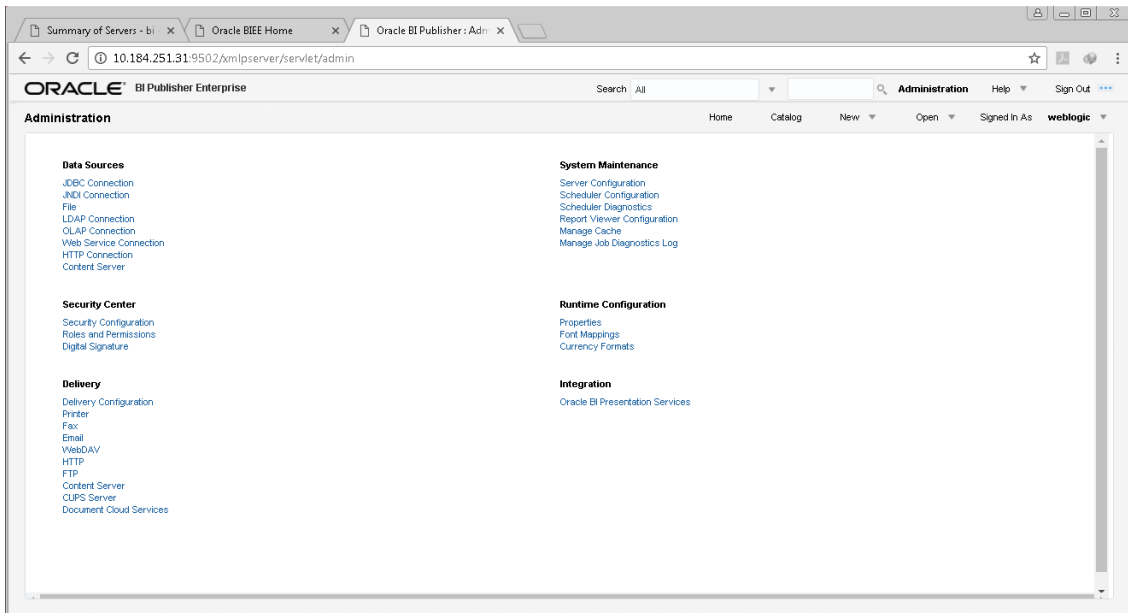


1.4 Creating Datasource

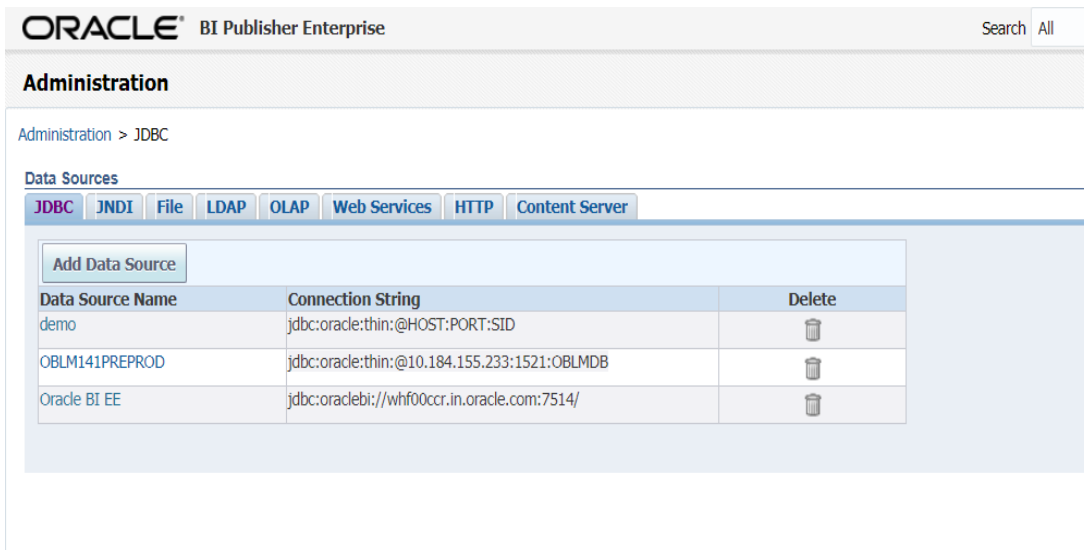
1. Click on the Administration link at the top right corner.



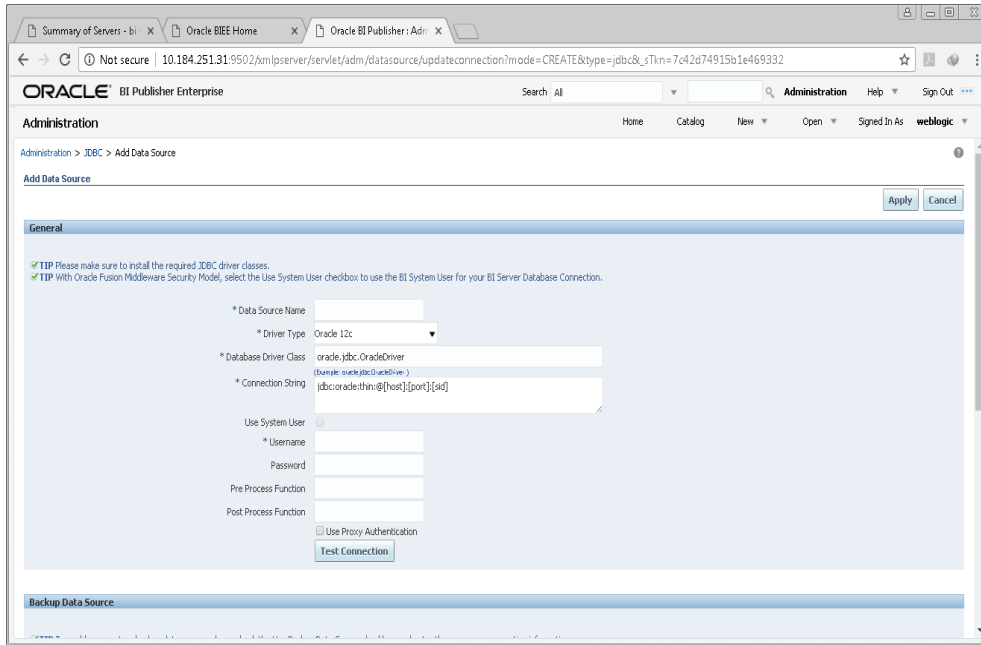
2. Click JDBC Connections under Data Sources.



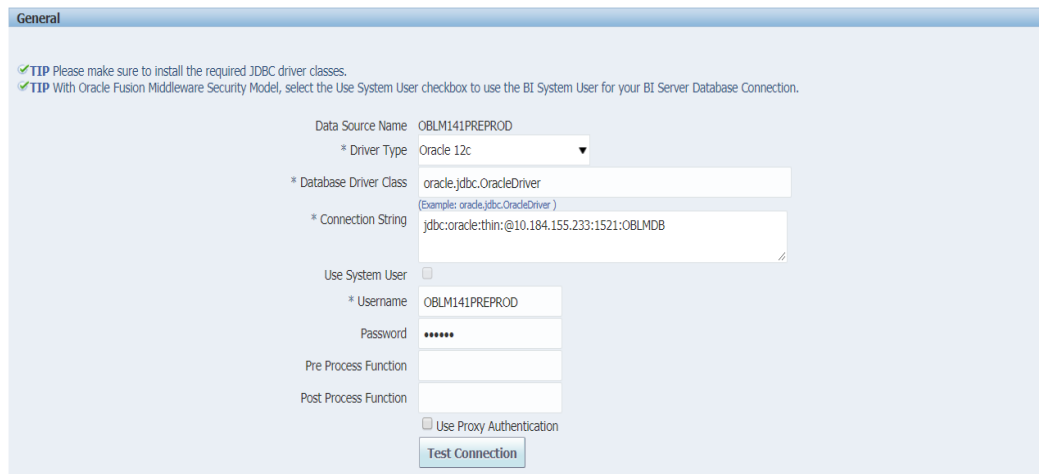
3. Click Add Data Source Button.



4. Enter the Database details.



5. After Entering the Data Base Details, Test the connections and Apply



ORACLE BI Publisher Enterprise Search All Administration

Administration Home Catalog New Open

Administration > JDBC > Update Data Source: OBLM141PREPROD

Confirmation
Connection established successfully.

Update Data Source: OBLM141PREPROD

General

TIP Please make sure to install the required JDBC driver classes.
TIP With Oracle Fusion Middleware Security Model, select the Use System User checkbox to use the BI System User for your BI Server Database Connection.

Data Source Name: OBLM141PREPROD
 * Driver Type: Oracle 12c
 * Database Driver Class: oracle.jdbc.OracleDriver
(Example: oracle.jdbc.OracleDriver)
 * Connection String: jdbc:oracle:thin:@10.184.155.233:1521:OBLMDB
 Use System User
 * Username: OBLM141PREPROD
 Password: *****
 Pre Process Function:
 Post Process Function:
 Use Proxy Authentication

ORACLE BI Publisher Enterprise Search All Administration

Administration

Administration > JDBC

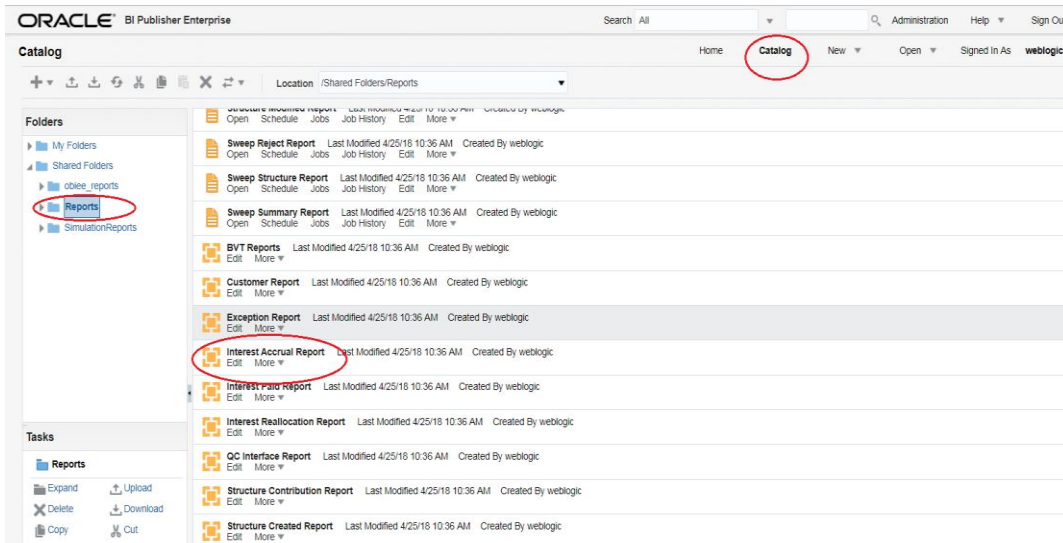
Data Sources

JDBC | JNDI | File | LDAP | OLAP | Web Services | HTTP | Content Server

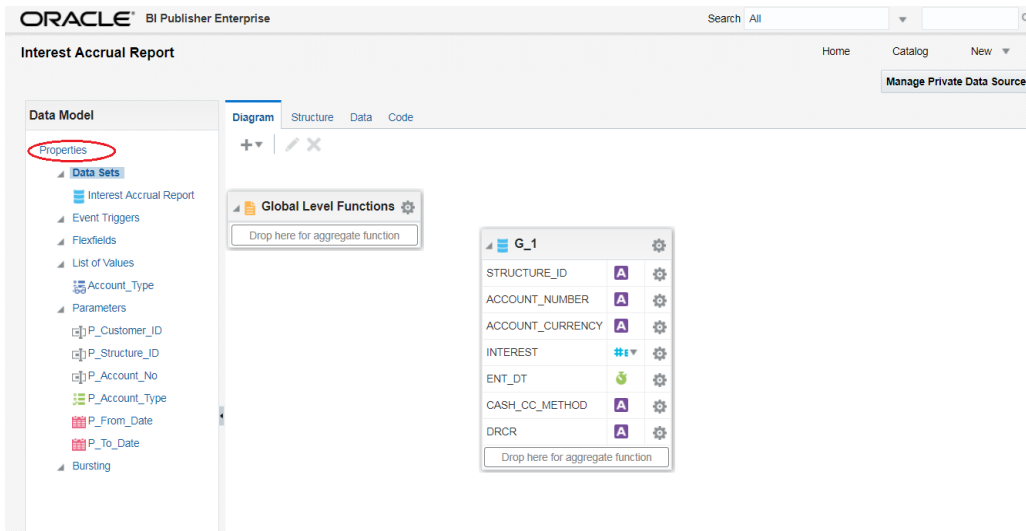
Data Source Name	Connection String	Delete
demo	jdbc:oracle:thin:@HOST:PORT:SID	
OBLM141PREPROD	jdbc:oracle:thin:@10.184.155.233:1521:OBLMDB	
Oracle BI EE	jdbc:oraclebi://whf00ccr.in.oracle.com:7514/	

1.5 Apply Data Source to each Reports

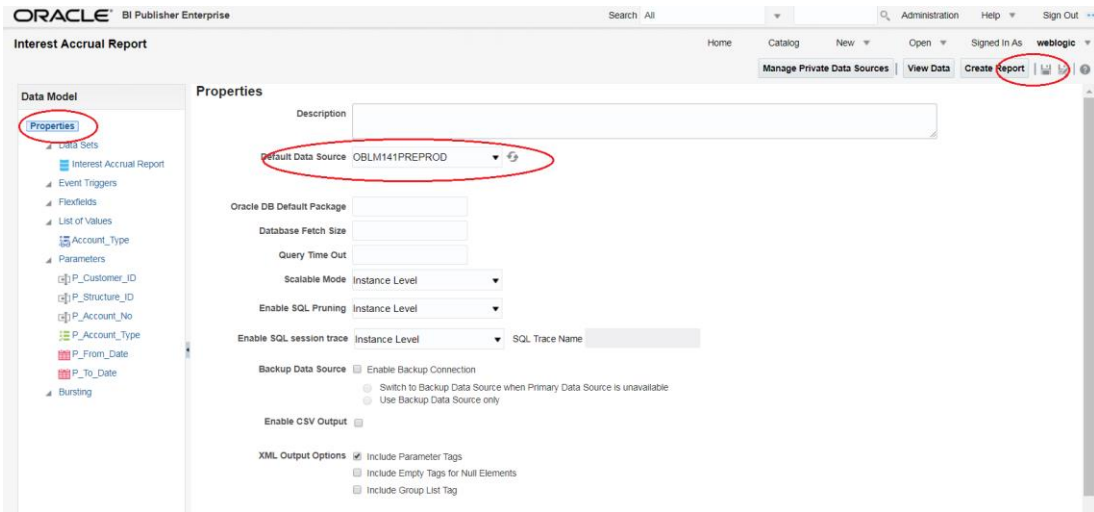
1. Open the Catalogue page and choose the Reports folder under Shared Folders and then Click Edit of each report that will take you to the Data Model of each report.



2. Click Properties



3. Change the Default Data Source to the Data Source created for LM and Save.



NOTE: The data source needs to be changed for all the reports.

1.6 Test LM Reports and Simulation Reports

1. Open Catalogue Page and Choose the reports folder, Choose a report and Click Open link.

The screenshot shows the Oracle BI Publisher Enterprise interface. The top navigation bar includes 'ORACLE BI Publisher Enterprise', a search field, and links for 'Administration', 'Help', and 'Sign Out'. Below this is a 'Catalog' header with 'Home', 'Catalog', 'New', 'Open', and 'Signed In As weblogic'. The main content area displays a list of reports under the location '/Shared Folders/Reports'. The left sidebar shows a 'Folders' tree with 'Reports' highlighted. The main list contains reports such as 'BVT Report', 'Customer Report', 'Exception Report', 'Interest Accrual Report', 'Interest Paid Report', 'Interest Reallocation Report', 'QC Interface Report', 'Structure Contribution Report', 'Structure Created Report' (highlighted), 'Structure Details Report', 'Structure Modified Report', and 'Sweep Reject Report'. Each report entry includes 'Open', 'Schedule', 'Jobs', 'Job History', 'Edit', and 'More' options.

2. In the next page you should see the actual report format.

The screenshot shows the Oracle BI Publisher Enterprise report viewer for the 'Structure Created Report'. The top navigation bar includes 'ORACLE BI Publisher Enterprise', a search field, and links for 'Administration', 'Help', and 'Sign Out'. Below this is a 'Structure Created Report' header with 'Home', 'Catalog', 'New', 'Open', and 'Signed In As weblogic'. The main content area displays a report with a title 'Structure Created Report' and a table with columns 'Customer Id' and 'Liquidity Type'. The table is empty, and a message 'No data found' is displayed below it. The report also includes sections for 'Child Account Details', 'Parent Account Details', and 'Other Param'.

- By entering the valid data you should be able to view the actual report.

ORACLE BI Publisher Enterprise Search All Administration Help Sign Out

Structure Created Report Home Catalog New Open Signed In As weblogic

Customer ID Google Liquidity Type Sweep ST From Date 04-01-2018 To Date 04-18-2018 Apply

Structure Created Report

Customer Id Liquidity Type

Google	Sweep ST
--------	----------

Liquidity Type New Total Participant Accounts

Sweep ST	4	5	25
		5	

Structure ID	Structure Description	Structure Valid From Date	Structure Valid To Date	Liquidity Type	Newly Created Structure (During the period selected)	Structure Domain	MBC	Cross Currency	Structure Status	Participant Accounts in Number	Header Account ID	Header Account Description	Header Account Currency
ST1111	TEST CASE STR	8/1/17	9/2/18	Sweep ST	Y	Domestic	N	N	Active	2	Google602	P account test case 602	EUR
ST3874	Simple Scheduler Structure	4/3/18	4/11/19	Sweep ST	Y	Domestic	N	N		5	GoogleAFN15	Google ACC 1	AFN
ST3916	Scheduler Structure	4/2/18	4/11/19	Sweep ST	Y	Cross Border	N	Y	Active	11	GoogleAFN001	Google ACC 1	JPY
ST4747	Test frequency	4/10/18	4/18/18	Sweep ST	Y	Domestic	N	N	Active	5	GoogleAFN27	Google ACC 1	AFN
ST6318	Test scheduler bal	4/18/18	4/18/19	Sweep ST	Y	Domestic	N	N	Active	2	GoogleEUR021	Google ACC 1	EUR

Child Account Details						Parent Account Details						Other Part
Structure ID	Structure Description	Account Number	Account Description	Branch Code	Branch Name	Account Currency	Account Number	Account Description	Branch Code	Branch Name	Account Currency	Reallocation I
ST1111	TEST CASE STR	Google603	C account test case 603	LON	London Branch	EUR	Google602	P account test case 602	LON	London Branch	EUR	No Reallocation
ST1111	TEST CASE STR	Google602	P account test case 602	LON	London Branch	EUR	NA	NA	NA	NA	NA	No Reallocation
ST3874	Simple Scheduler	GoogleAFN21	Google ACC 1	AFN	Afghanistan	AFN	GoogleAFN15	Google ACC 1	AFN	Afghanistan	AFN	No Reallocation

- This is for testing purpose only; all the reports are accessible from the application.



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