Oracle Banking Trade Finance

BIP Web Service Reports

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Oracle Banking Trade Finance BIP Web Service Reports, Release 14.7.4.0.0

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Contents

1 Server Setup for Web Service Based BIP Reports

1.1 Introduction 1-1
1.2 Prerequisites 1-1
1.3 Deploying BIP Reports 1-1
1.3.1 Setting up BIP Server 1-1
1.3.2 Setting Up BIP Data Sources 1-3
1.3.3 Creating BI Publisher FCReports Folder 1-5
1.3.4 Creating BI Publisher Report Job 1-7
1.3.5 Configuring BIP Currency 1-9
1.3.5.1 Configuring Currency using ‘xdo.cfg’ file 1-9
1.3.5.2 Configuring Currency from BIP Server 1-9

1

Server Setup for Web Service Based BIP Reports

1.1 Introduction

This chapter explains the method to setup the web services based BI Publisher reports server on Oracle Analytics Server v5.5.

1.2 Prerequisites

Before you continue, ensure that Oracle Analytics Server v5.5 on the server machine.

1.3 Deploying BIP Reports

This section guides you through the deployment of Oracle Analytics Server reports. BIP reports deployment involves the following steps:

- Setup Oracle Analytics Server
- Setup Oracle Analytics Server Data Source
- Create Oracle Analytics Server FC Reports folder
- Configure Oracle Analytics Server Currency

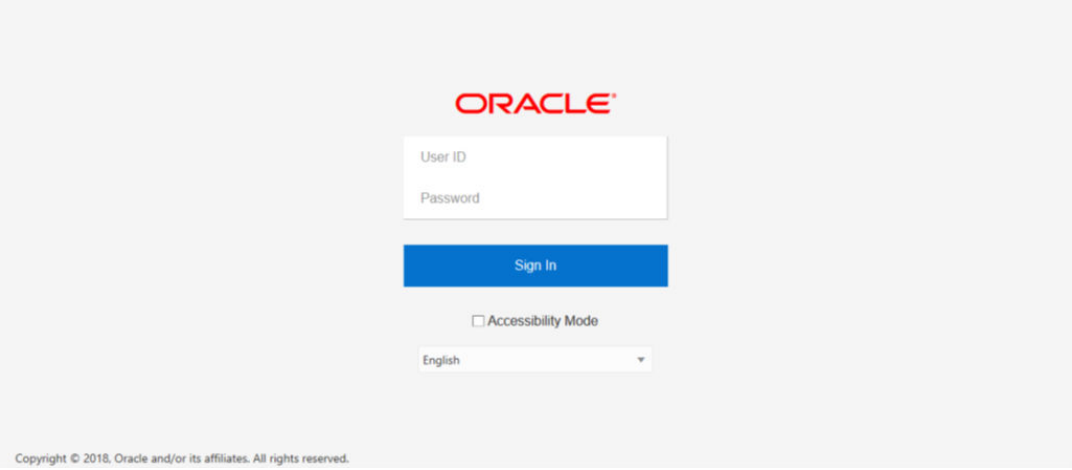
These steps are explained under the following headings.

- Setting up BIP Server
- Setting Up BIP Data Sources
- Creating BI Publisher FCReports Folder
- Creating BI Publisher Report Job
- Configuring BIP Currency

1.3.1 Setting up BIP Server

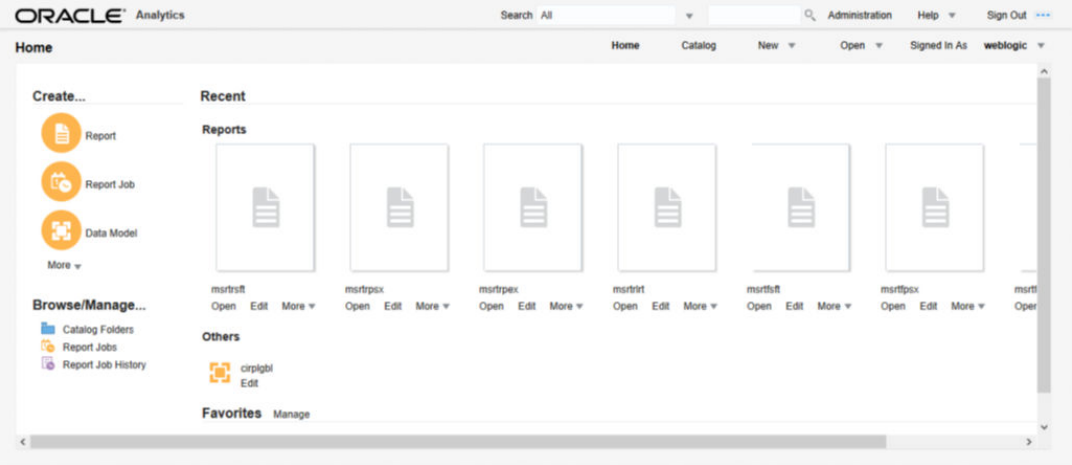
For setting up Oracle Analytics Server, follow the steps below.

1. Go to Oracle Analytics Server Web Server's Administration Console.



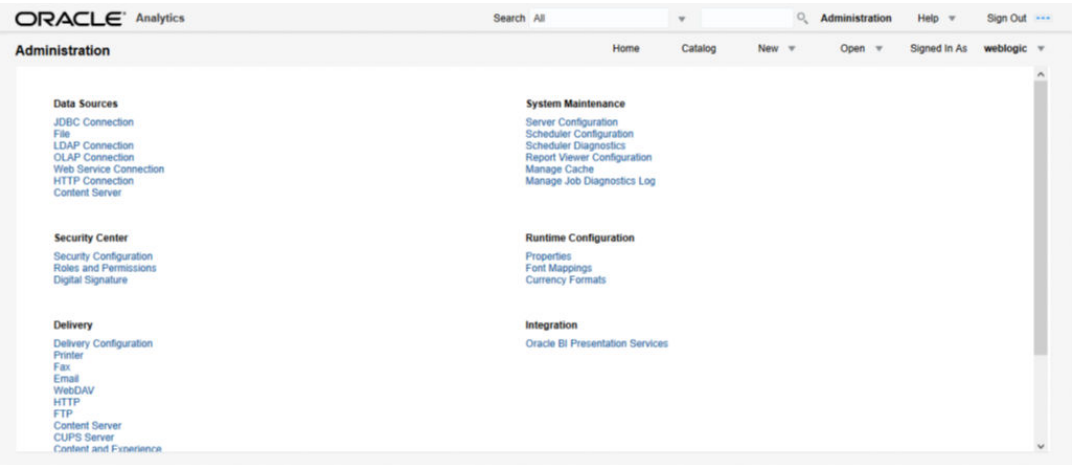
Specify the user name and password and click 'Sign In' button to sign in.

On successful login, the following screen is displayed.



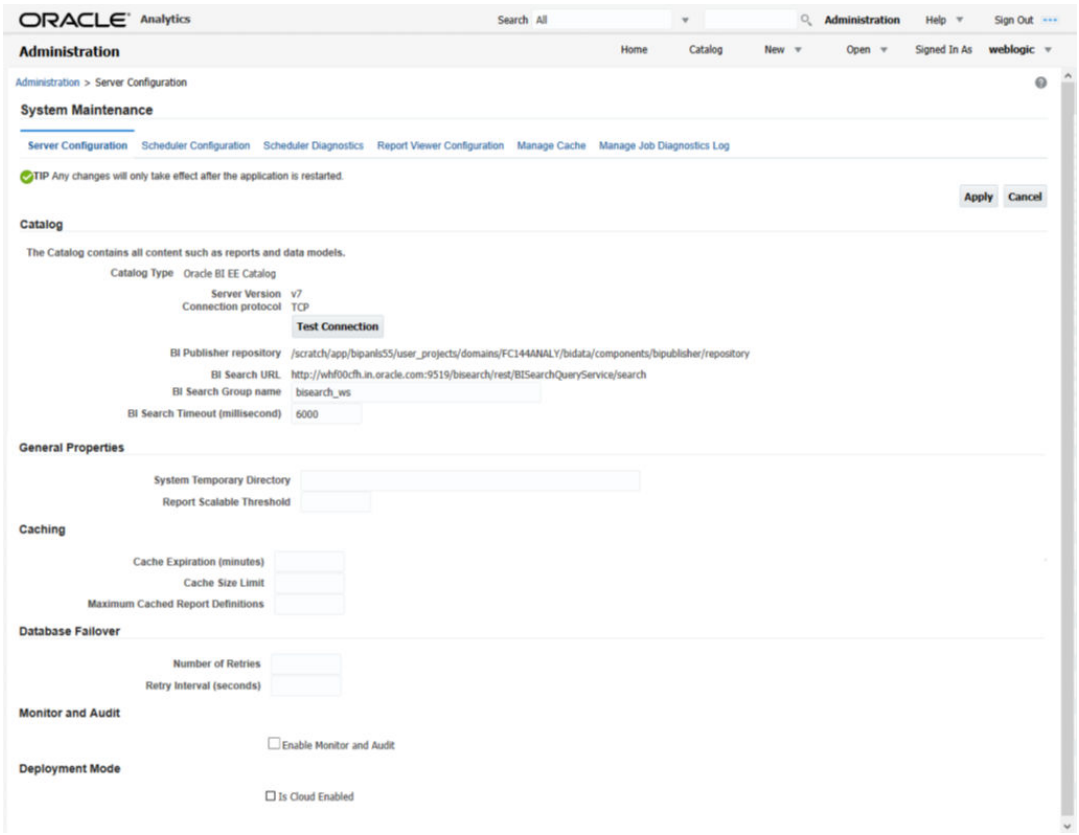
Click the link 'Administration' on the top right of the screen.

The following screen is displayed.



Click 'Server Configuration' under 'System Maintenance'.

The following screen is displayed.



Specify the following details:

Cache Expiration (Minutes)

Specify the duration for which the data need to be stored in the cache. You need to specify the duration in terms of minutes.

Cache Size Limit

Specify the maximum size allowed for cache.

Maximum Cached Report Definition

Specify the maximum number of reports that can be stored in cache.

Cache related settings are optional.

Once you have specified the above details, click ‘Apply’.

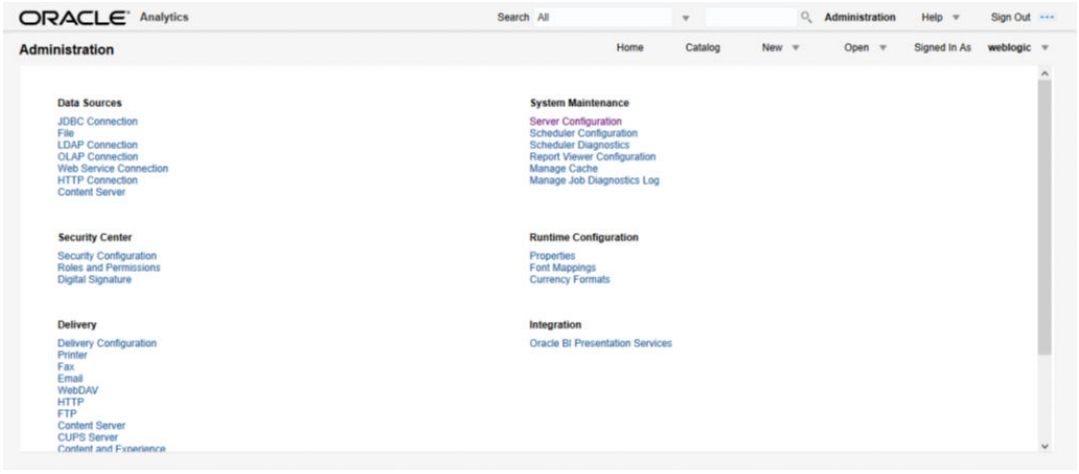
This completes the process of BIP service setup.

1.3.2 Setting Up BIP Data Sources

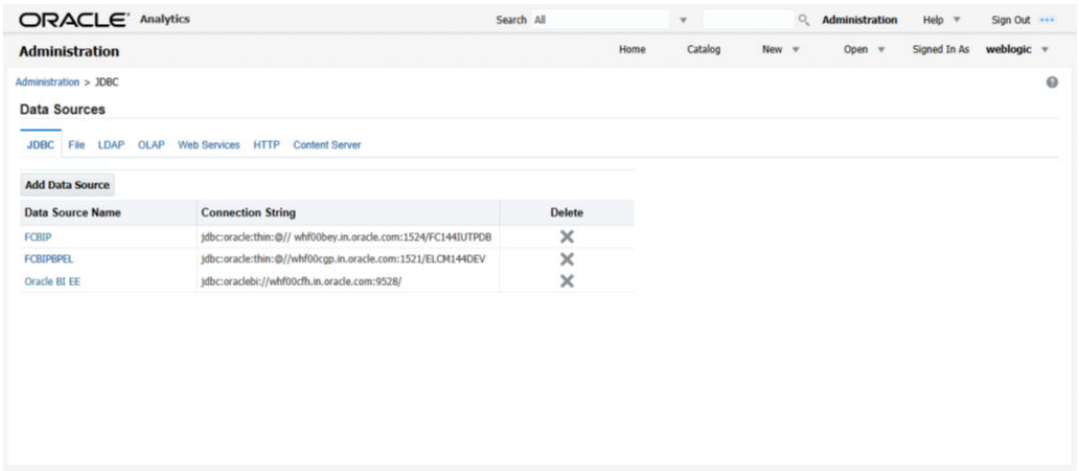
For setting up Oracle Analytics Server data sources, follow the steps below.

1. Go to Oracle Analytics Server Web Server’s Administration Console. Specify the user name and password and click ‘Sign In’ button to sign in.

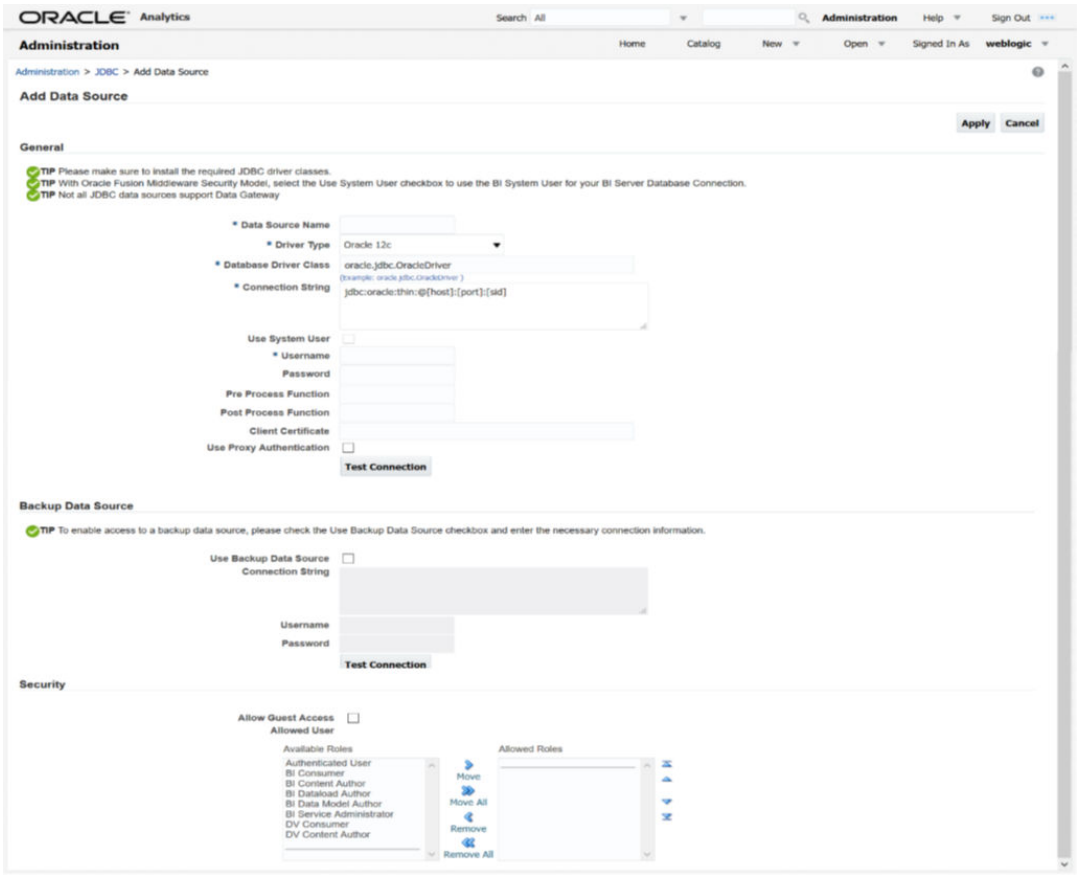
Click the link ‘Administration’ on the top right of the screen. The following screen is displayed.



Click ‘JDBC Connection’ under ‘Data Sources’. The following screen is displayed.



Click ‘Add Data Source’ button under ‘JDBC’ tab. The following screen is displayed.



Specify the JDBC connection details as shown in the screen.

STOP Ensure that the data source name displayed on the screen is the same as the one provided or ‘defaultDataSourceRef’ in the function ID specific report xdm files. All the xdm files should have the same defaultDataSourceRef

Enter the user ID and password and click ‘Test Connection’ button. On successful connection, you will see a confirmation message on the screen.

Once the connection testing is successful, Click ‘Apply’ button. This completes the process of BIP data source setup.

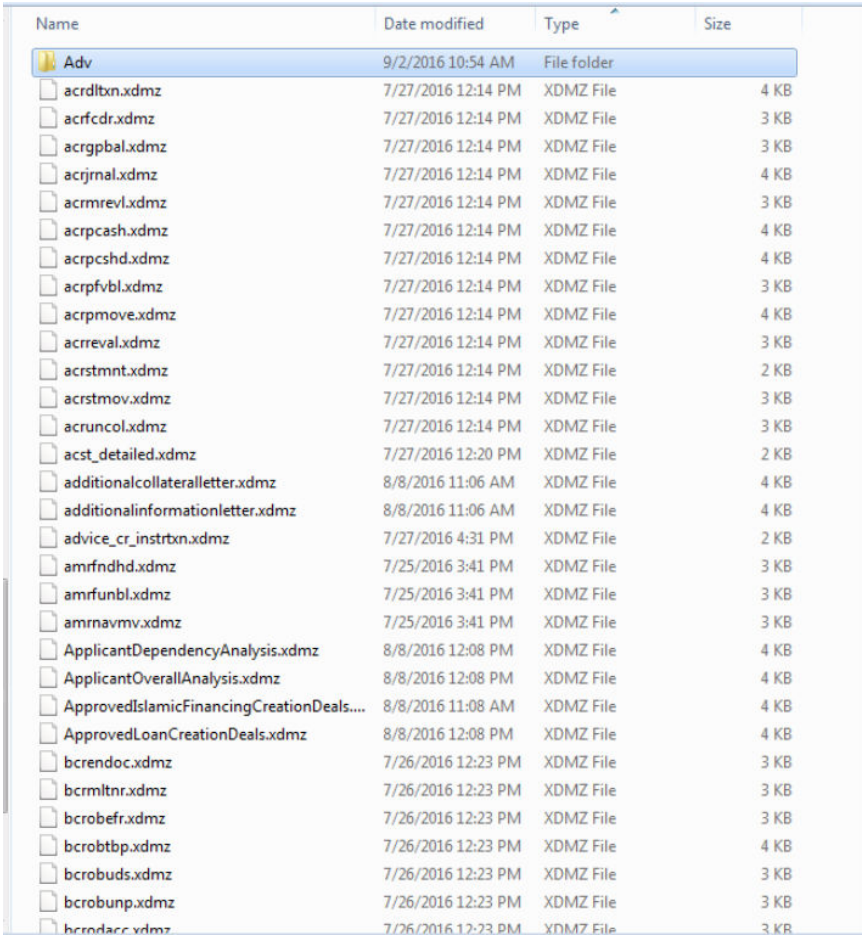
1.3.3 Creating BI Publisher FCReports Folder

For creating BI Publisher FC reports folder, follow the steps below.

1. In the shipment media, copy all the files from the following folders to a common location:
   - MAIN/<Module>/Datamodels_5.5
   - AIN/<Module>/Reports_5.5

   Along with these create a folder called ‘Adv’ and keep the files under these directories
   - MAIN/<Module>/Advices_5.5/Datamodels_5.5
   - MAIN//<Module>/Advices_5.5/Reports_5.5 (except Branch Module)
   - MAIN/<Module>/Advice_5.5/XSD

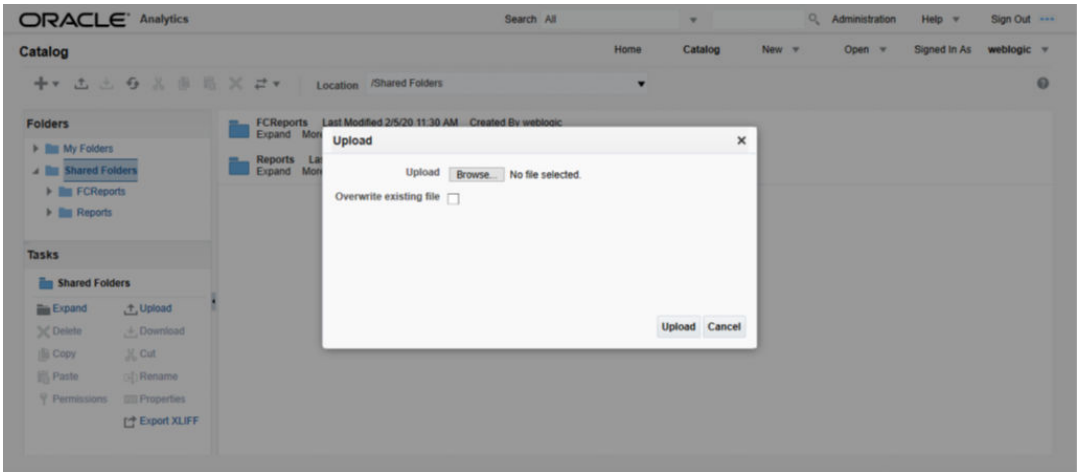
For example:



Name	Date modified	Type	Size
Adv	9/2/2016 10:54 AM	File folder	
acrdltxn.xdmz	7/27/2016 12:14 PM	XDMZ File	4 KB
acrfcdr.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acrgpbal.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acrjrnal.xdmz	7/27/2016 12:14 PM	XDMZ File	4 KB
acrmrevl.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acrpcash.xdmz	7/27/2016 12:14 PM	XDMZ File	4 KB
acrpcshd.xdmz	7/27/2016 12:14 PM	XDMZ File	4 KB
acrpfvbl.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acrpmove.xdmz	7/27/2016 12:14 PM	XDMZ File	4 KB
acrreval.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acrstmnt.xdmz	7/27/2016 12:14 PM	XDMZ File	2 KB
acrstmov.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acruncol.xdmz	7/27/2016 12:14 PM	XDMZ File	3 KB
acst_detailed.xdmz	7/27/2016 12:20 PM	XDMZ File	2 KB
additionalcollateralletter.xdmz	8/8/2016 11:06 AM	XDMZ File	4 KB
additionalinformationletter.xdmz	8/8/2016 11:06 AM	XDMZ File	4 KB
advice_cr_instrtxn.xdmz	7/27/2016 4:31 PM	XDMZ File	2 KB
amrfndhd.xdmz	7/25/2016 3:41 PM	XDMZ File	3 KB
amrfunbl.xdmz	7/25/2016 3:41 PM	XDMZ File	3 KB
amrnavmv.xdmz	7/25/2016 3:41 PM	XDMZ File	3 KB
ApplicantDependencyAnalysis.xdmz	8/8/2016 12:08 PM	XDMZ File	4 KB
ApplicantOverallAnalysis.xdmz	8/8/2016 12:08 PM	XDMZ File	4 KB
ApprovedIslamicFinancingCreationDeals....	8/8/2016 11:08 AM	XDMZ File	4 KB
ApprovedLoanCreationDeals.xdmz	8/8/2016 12:08 PM	XDMZ File	4 KB
bcrendoc.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB
bcrmltnr.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB
bcrobefr.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB
bcrobtbp.xdmz	7/26/2016 12:23 PM	XDMZ File	4 KB
bcrobuds.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB
bcrobunp.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB
bcrodacc.xdmz	7/26/2016 12:23 PM	XDMZ File	3 KB

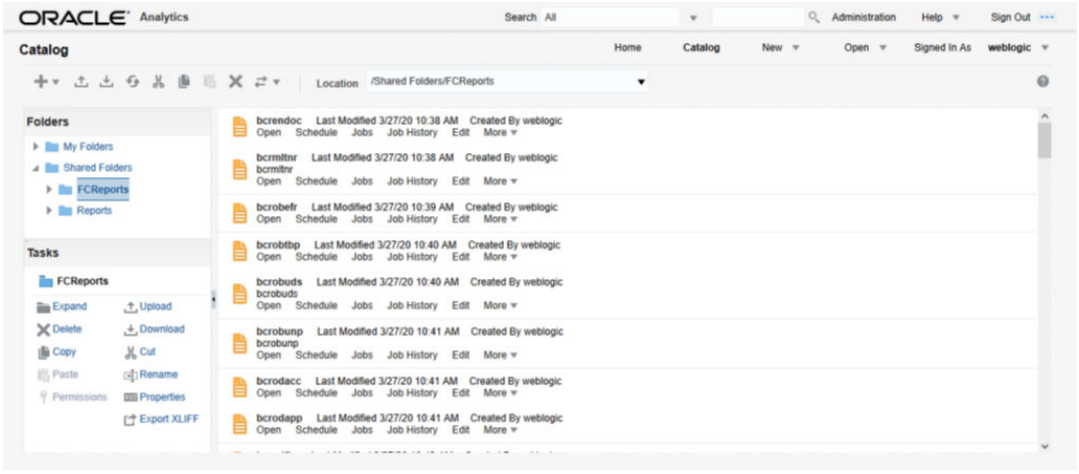
Select all these and zip as FCReports.zip. Then rename this to FCReports.xdrz

Deploy this file as follows.



Click on Shared Folders, under the Tasks tab click on upload button, browse the FCReports.xdrz file and click on upload.

In Oracle Analytics Server v5.5 Enterprise, navigate to ‘Shared Folders’ and then to ‘FCReports’ folder. The screen displays the list of all available reports.

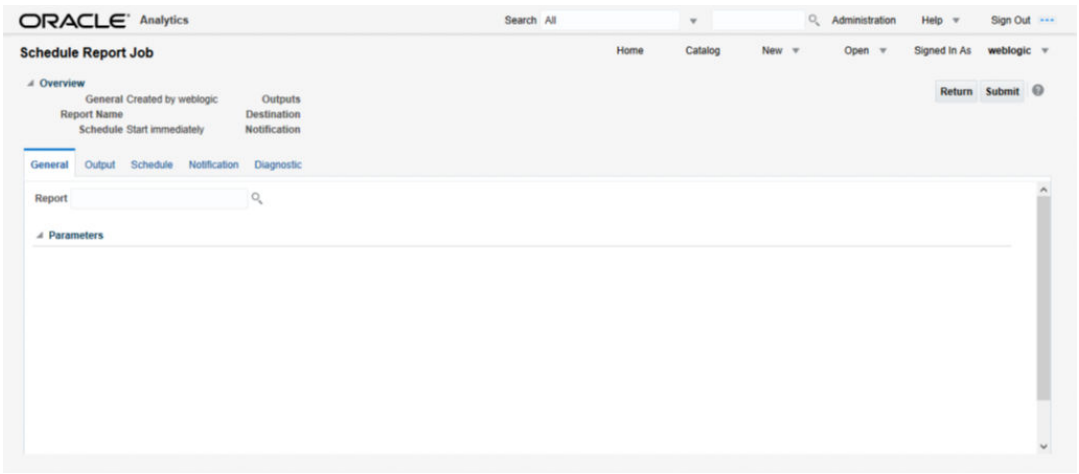


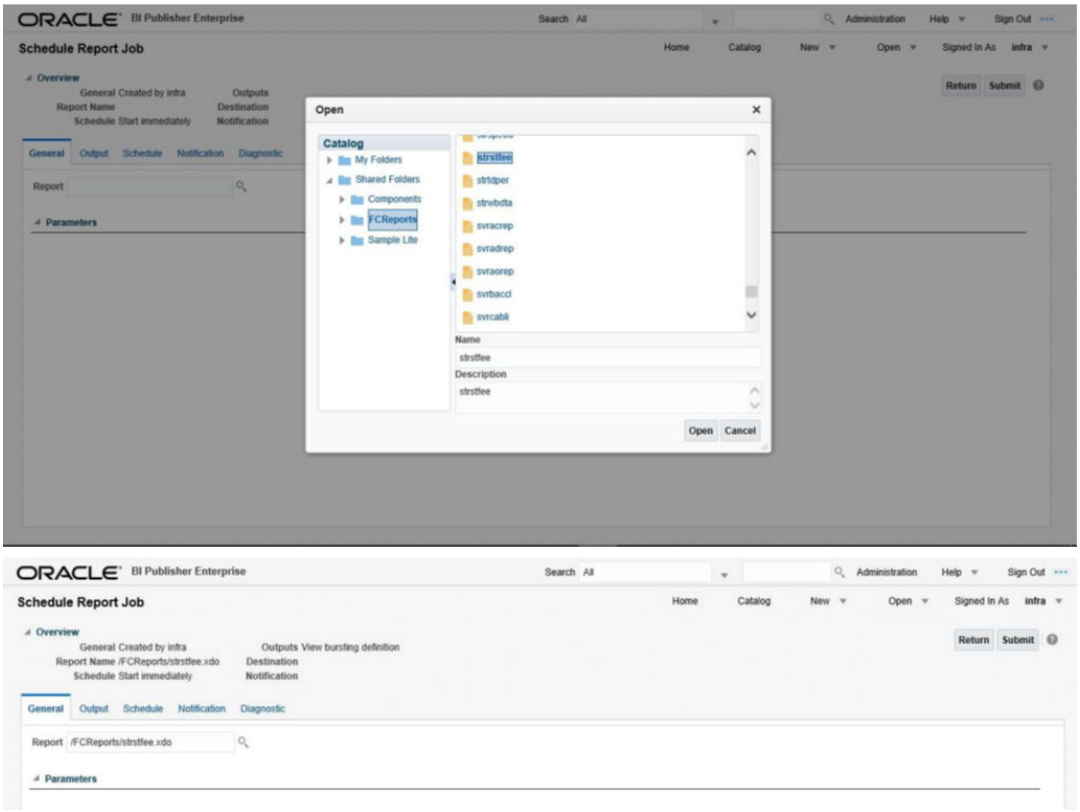
In FCUBS properties Advice Type should be set to ‘BIP’ for displaying Branch Advice in PDF format

This completes the process of ‘FCReports’ folder creation.

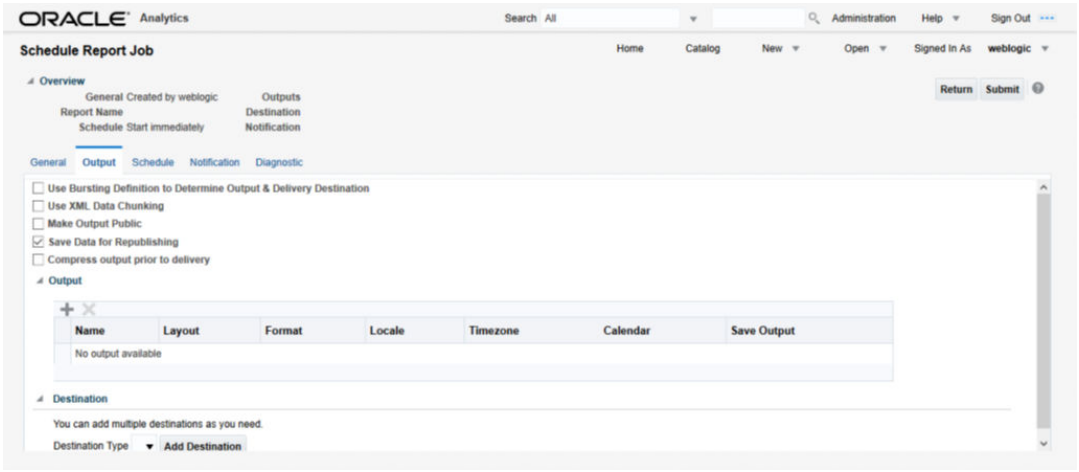
1.3.4 Creating BI Publisher Report Job

1. In the home page, on the left side, click on Report Job and select the report which has to be run.



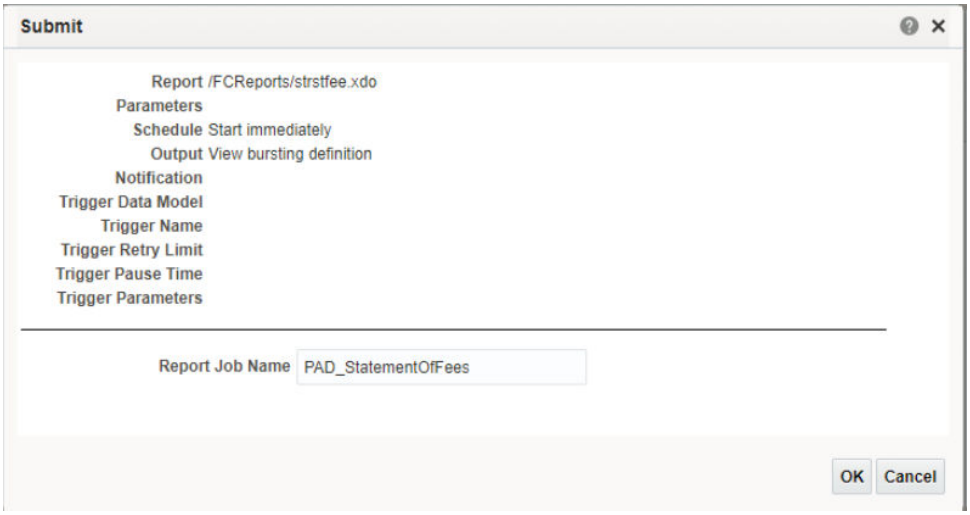


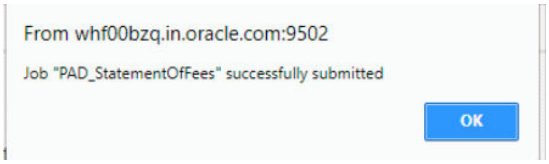
2. Click on Output Tab. The options will get defaulted from the report which can be changed, if needed. Use ‘Bursting definition to Determine Output & Delivery Destination’ – Select this option, this will default the output and destination path as defined in the bursting query of the report.



3. Click on ‘Submit’ on then top right, to submit the job. A pop-up message asking job name is displayed. Enter any name in job name and click on ‘OK’. Then a confirmation message that job is submitted successfully is displayed.

4. The job will generate the Report output in in destination configured in report.





1.3.5 Configuring BIP Currency

You can set configuration for each currency by using one of the following methods.

- Configure using xdo.cfg file
- Configure from Oracle Analytics Server
- Configuring Currency using ‘xdo.cfg’ file
- Configuring Currency from BIP Server

1.3.5.1 Configuring Currency using ‘xdo.cfg’ file

In this method, you need to define the mask for each currency in the ‘xdo.cfg’ file. Further, place the ‘xdo.cfg’ file in the folder ‘<BI Publisher Repository>\Admin\Configuration’.

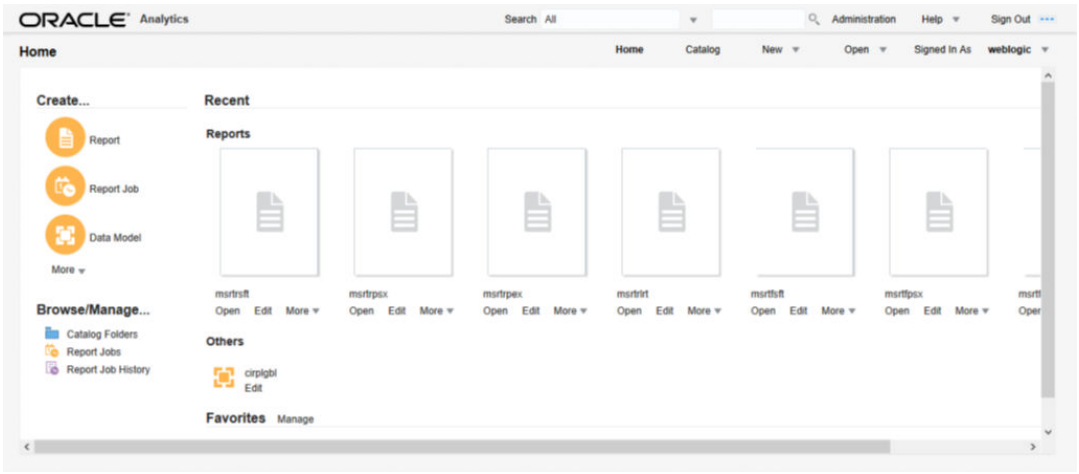
C lick to view the ‘xdo.cfg’ file.

1.3.5.2 Configuring Currency from BIP Server

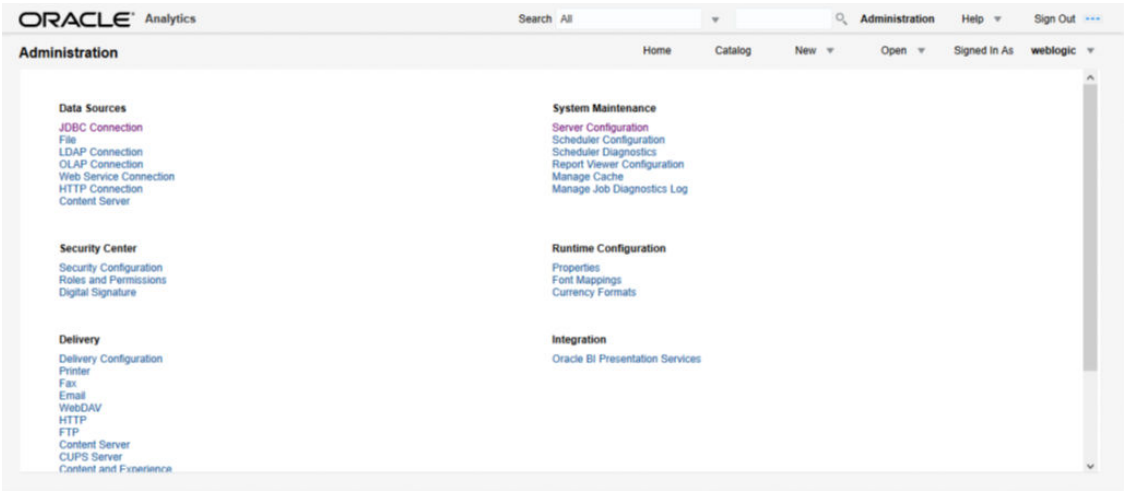
In order to configure the currency from BI Publisher server, follow the steps given below.

1. Go to Oracle Analytics Server Web Server’s Administration Console. Specify the user name and password and click ‘Sign In’ button to sign in. On successful login, the following

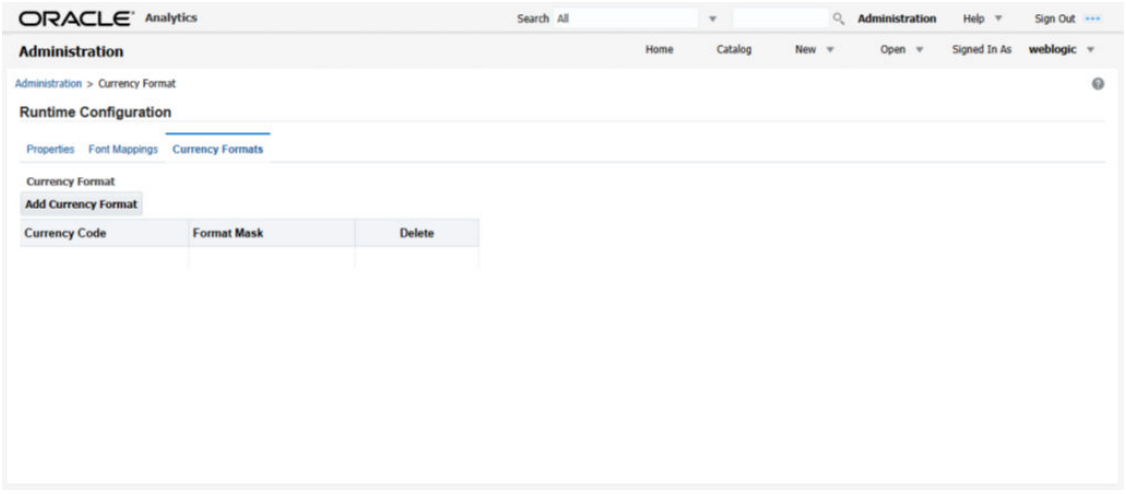
screen is displayed.



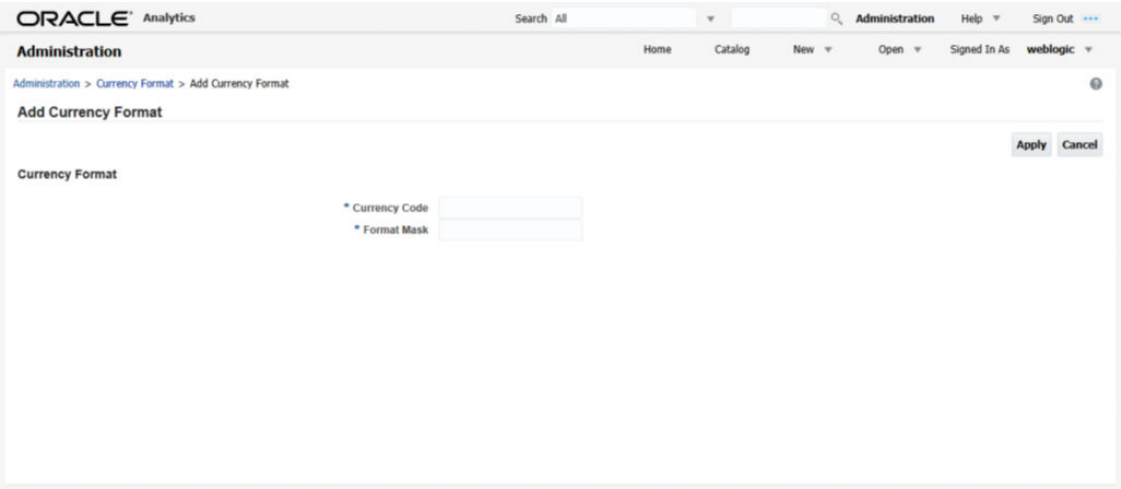
Click the link ‘Administration’ on the top right of the screen. The following screen is displayed.



Click ‘Currency Format’ under ‘Runtime Configuration’. The following screen is displayed.



Click ‘Add Currency Format’ button. The following screen is displayed.



Specify the currency code and the format mask. Click ‘Apply’ button.

Once the changes for all currencies are made, restart the OBIEE server.

This completes the process of currency configuration from BIP server.