BIP Web Service Reports
Oracle FLEXCUBE Universal Banking
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FINANCIAL SERVICES

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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 BIP 11g.

1.2   Prerequisites

Before you continue, ensure that Oracle BI Publisher 11g on the server machine.

1.3   Deploying BIP Reports

This section guides you through the deployment of BI Publisher reports. BIP reports deployment involves the following steps:
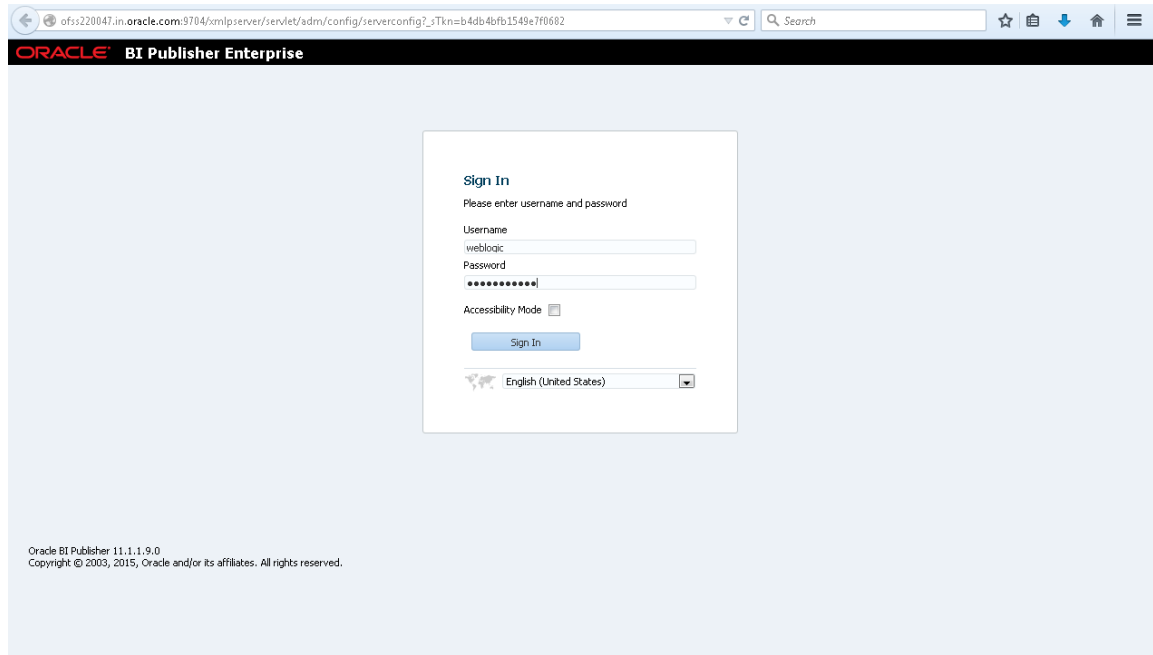
- Setup BI Publisher Server
- Setup BI Publisher Data Source
- Create BI Publisher FC Reports folder
- Configure BI Publisher Currency

These steps are explained under the following headings.
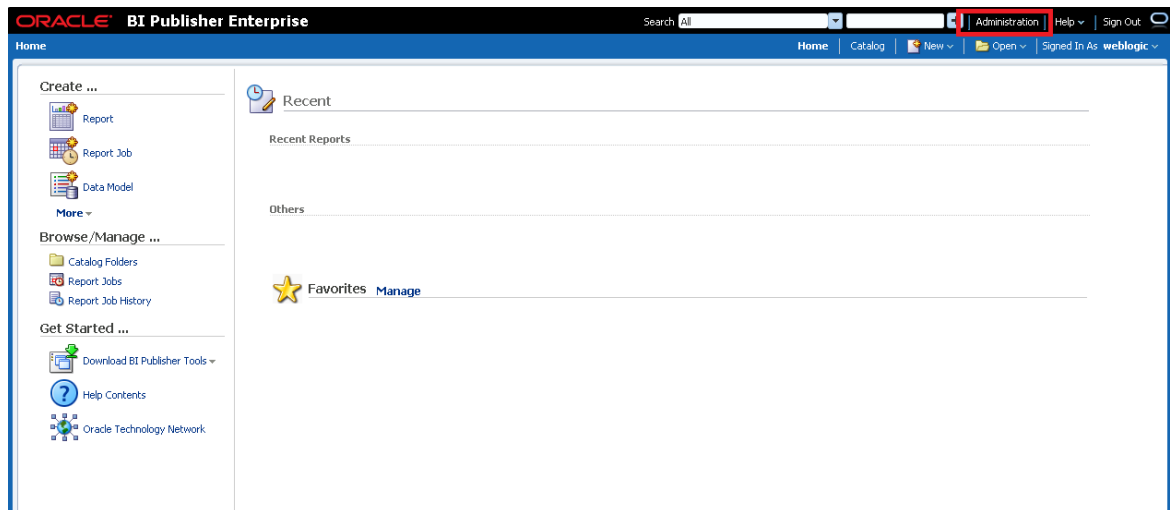
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1.3.1 Setting up BIP Server

For setting up BI Publisher server, follow the steps below.

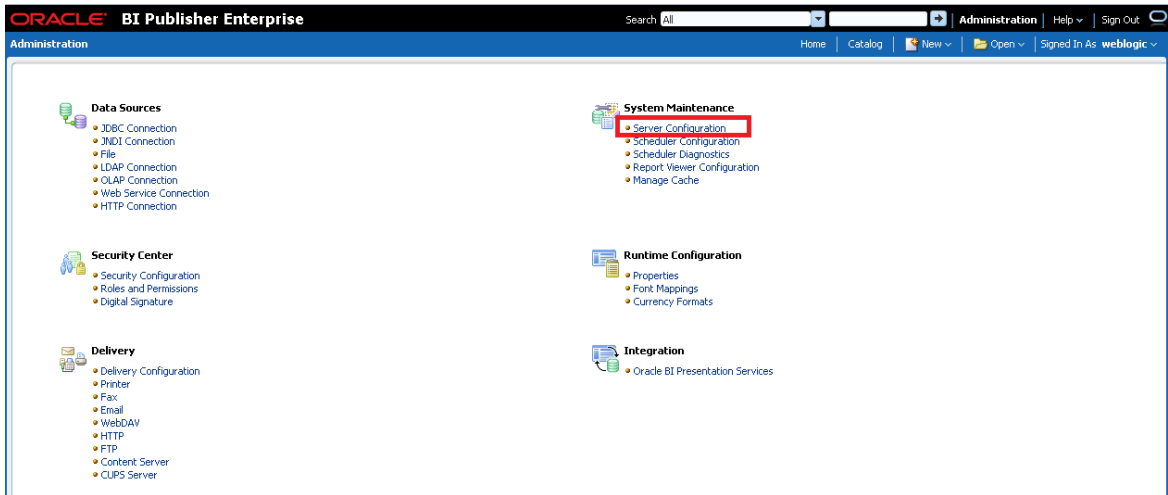1. Go to Oracle BI Publisher Web Server's Administration Console.

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

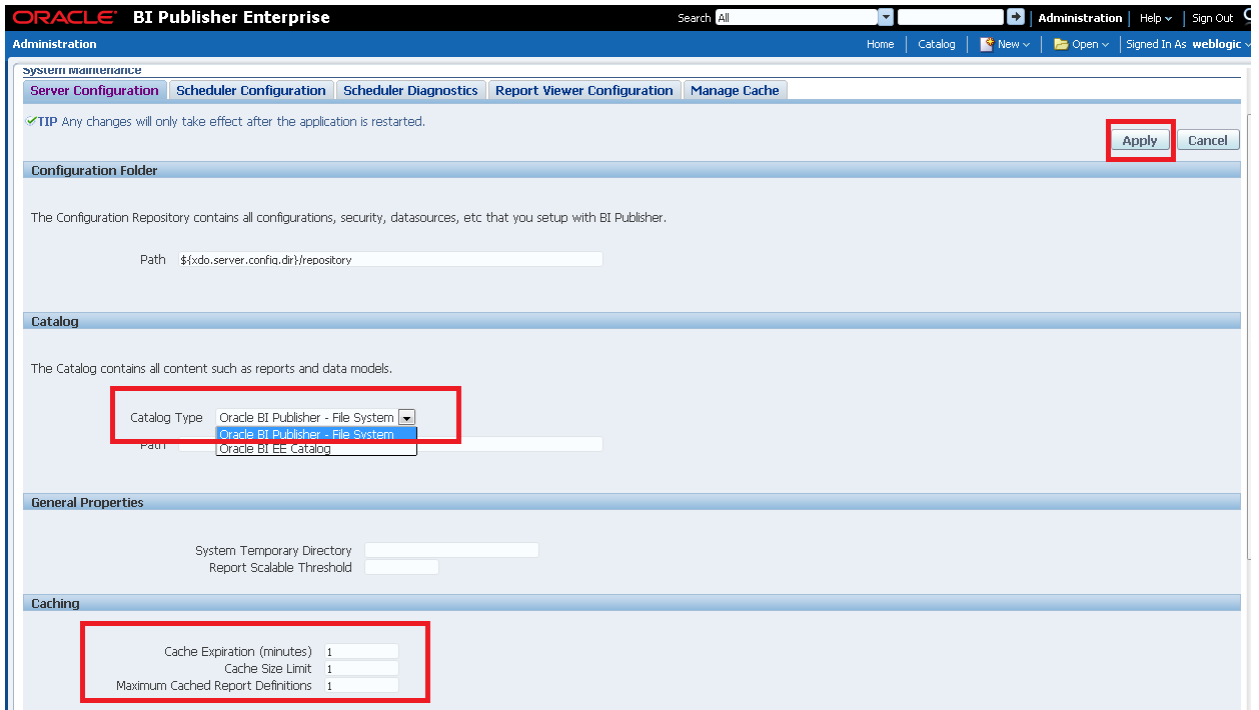On successful login, the following screen is displayed.

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

The following screen is displayed.

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4. Click 'Server Configuration' under 'System Maintenance'.

The following screen is displayed.

5. Specify the following details:

Catalogue Type

Select 'Oracle BI Publisher – File System' from the drop-down list.

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

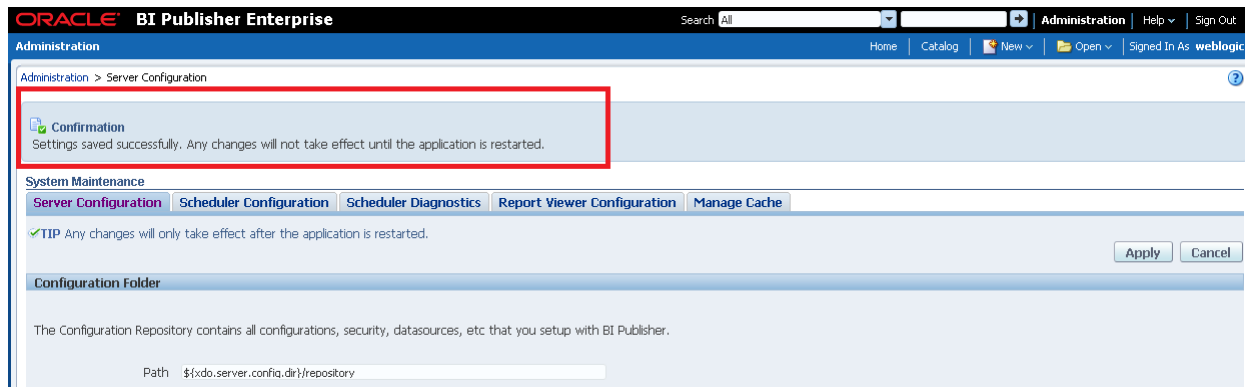Specify the maximum size allowed for cache.

Maximum Cached Report Definition

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

🛑 Cache related settings are optional.

6. Once you have specified the above details, click 'Apply'. You will get a confirmation as shown below.

7. This completes the process of BIP service setup.

## 1.3.2 Setting Up BIP Data Sources

For setting up BI Publisher data sources, follow the steps below.

1. Go to Oracle BI Publisher Web Server's Administration Console. Specify the user name and password and click 'Sign In' button to sign in.
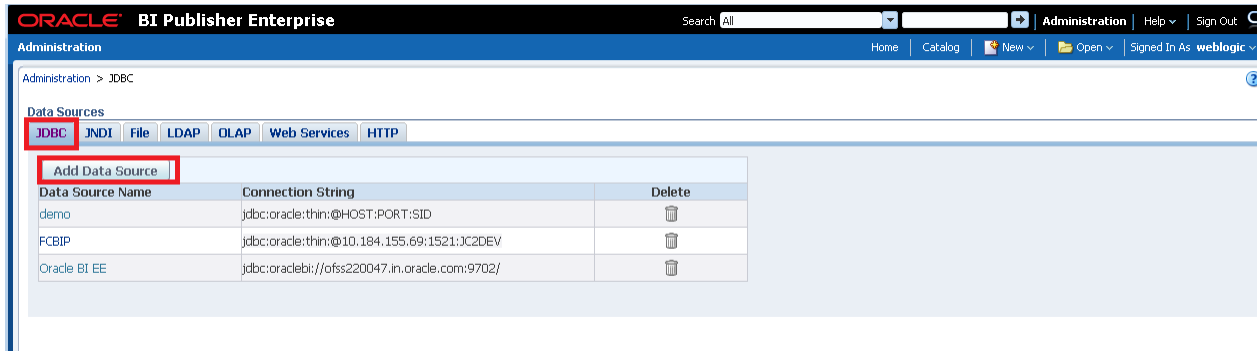
On successful login, the following screen is displayed.
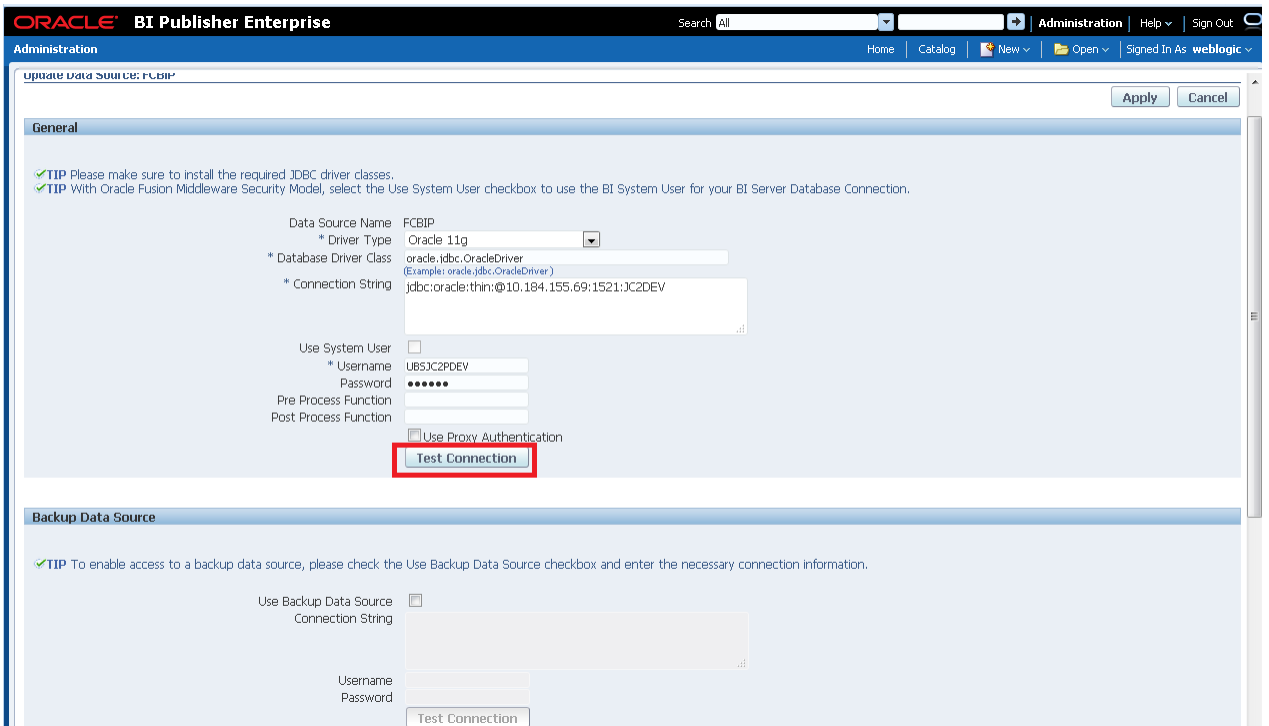
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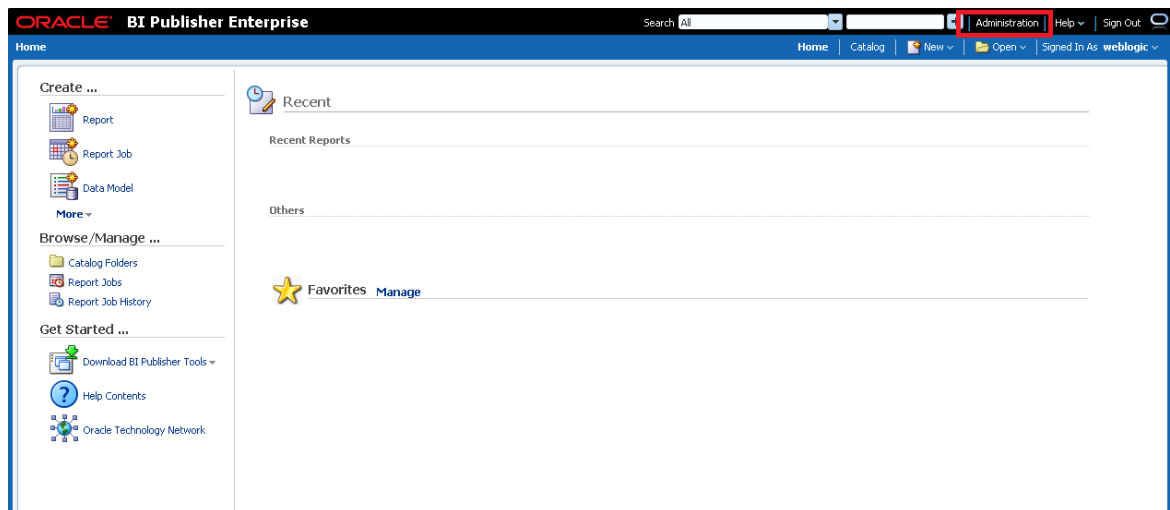
2. Click the link 'Administration' on the top right of the screen. The following screen is displayed.
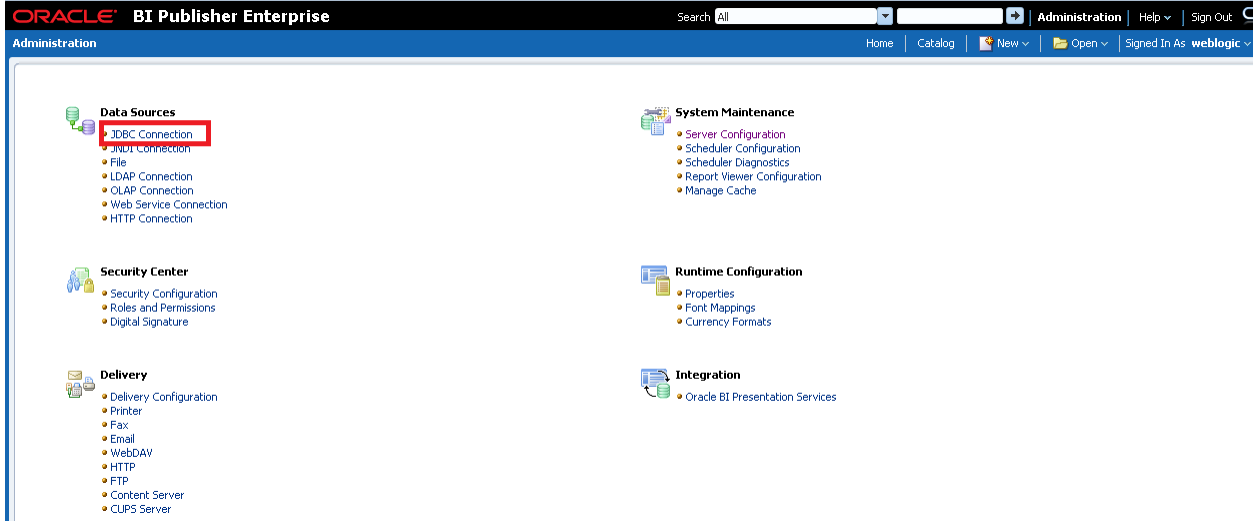
3. Click 'JDBC Connection' under 'Data Sources'. The following screen is displayed.

4. Click 'Add Data Source' button under 'JDBC' tab. The following screen is displayed.

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5. Specify the JDBC connection details as shown in the screen.

    🛑 Ensure that the data source name displayed on the screen is the same as the one provided for 'defaultDataSourceRef' in the function ID specific report xdm files. All the xdm files should have the same defaultDataSourceRef.

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

7. 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. Go to Oracle BI Publisher 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.
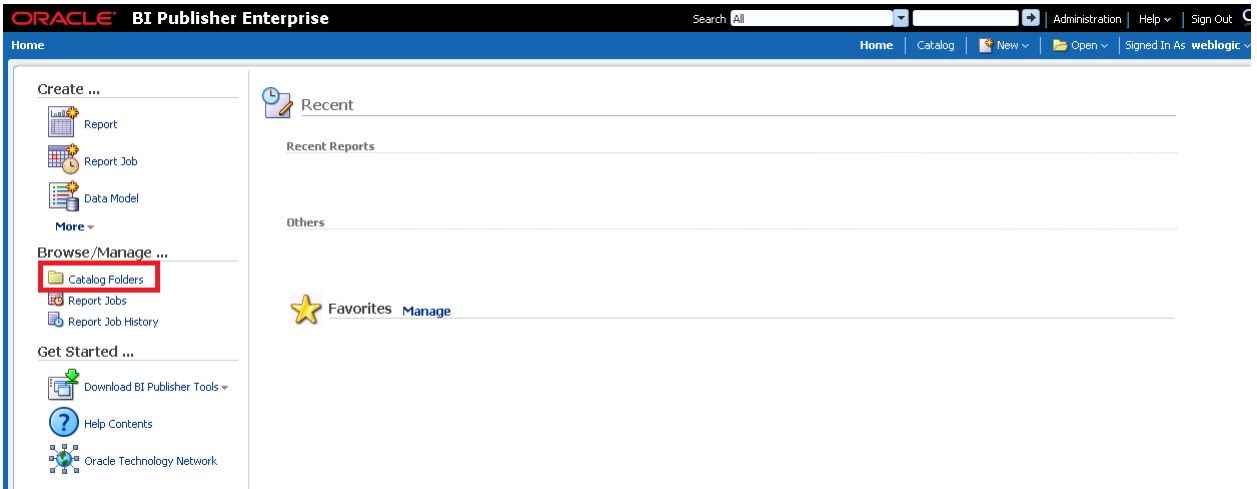
2. On the left pane, click 'Catalog Folders' under 'Browse/Manage…' The following screen is displayed.
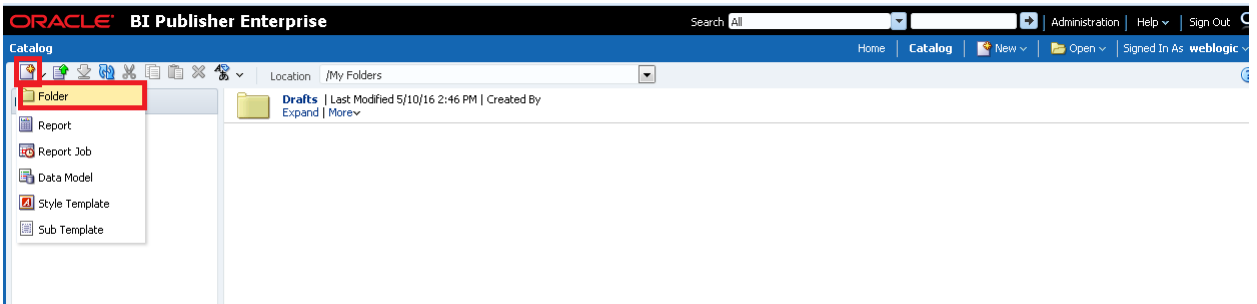

3. Click the new icon and select 'Folder' from the drop-down menu. You will get a prompt to enter the folder name and description.
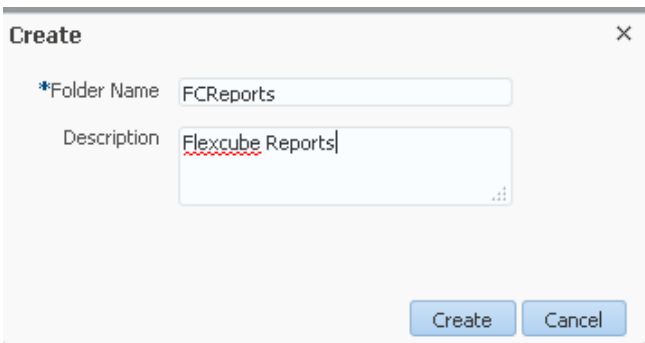

4. Specify the folder name and enter a brief description of the folder.

5. Click 'Create' button. This action completes the creation of folder. You can find the newly created folder under 'Shared Folders'.

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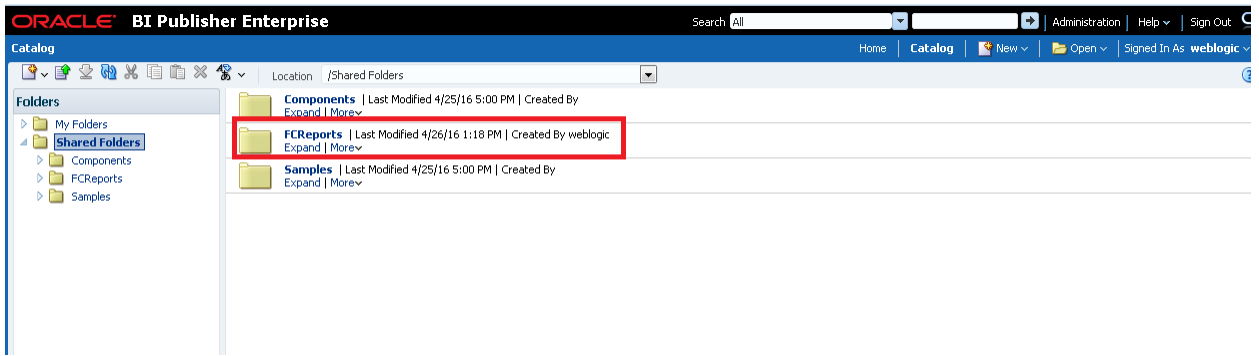
6. If Multi entity is enable in FLEXCUBE deployment .Create the entity folder entity wise under (FCReports folder) . please place the all the Reports artifacts under entity folder

7. You can now edit the permissions for the newly created folder. Click the link 'More'. You will get a drop-down menu.
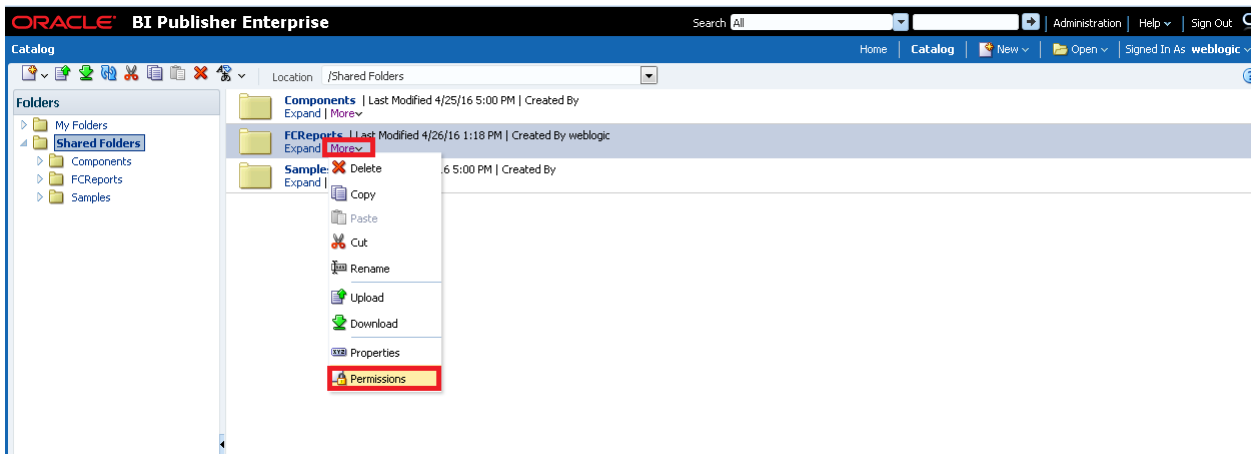
8. Click 'Permissions'. The 'Permissions' window pops up.
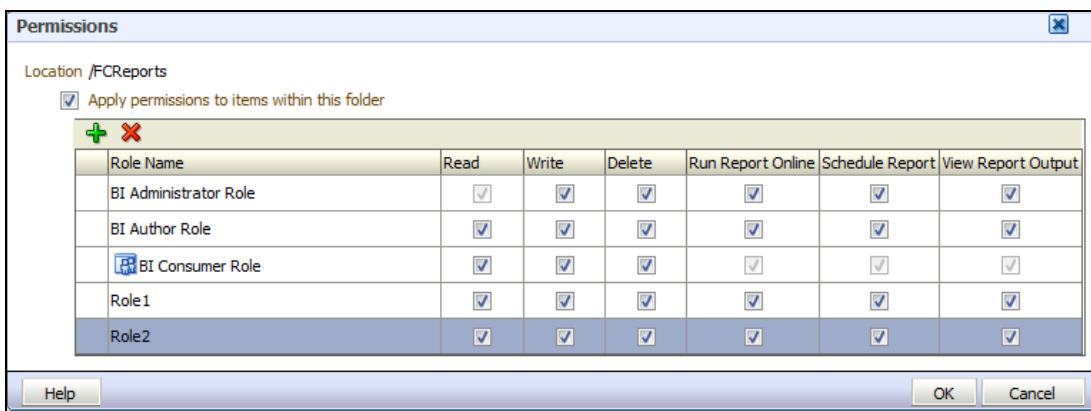
9. Apply all the permissions for the newly created folder. Click 'OK' button.

🛑 The new folder 'FCReports' is available in the path '<BIPublisher Repository path>/Reports'. For example, the folder path may be '<BIP_HOME>/FCReports/scratch/app/obi115/user_projects/domains/120BIREP/config/bipublisher/repository/Reports'

10. In the shipment media, copy all the files from the following folders:

   ● MAIN/<Module>/Datamodels

   ● MAIN/<Module>/Reports

   ● MAIN/<Module>/Advice_11g/Datamodels

   ● MAIN//<Module>/Advice_11g/Reports (except Branch Module)

   ● MAIN/<Module>/Advice_11g/XSD

11. Go to the folder '<BI Publisher repository>/FCReports' in the destination directory and paste the copied files.

12. In Oracle BI Publisher Enterprise, navigate to 'Shared Folders' and then to 'FCReports' folder. The screen will display the list of all available reports.
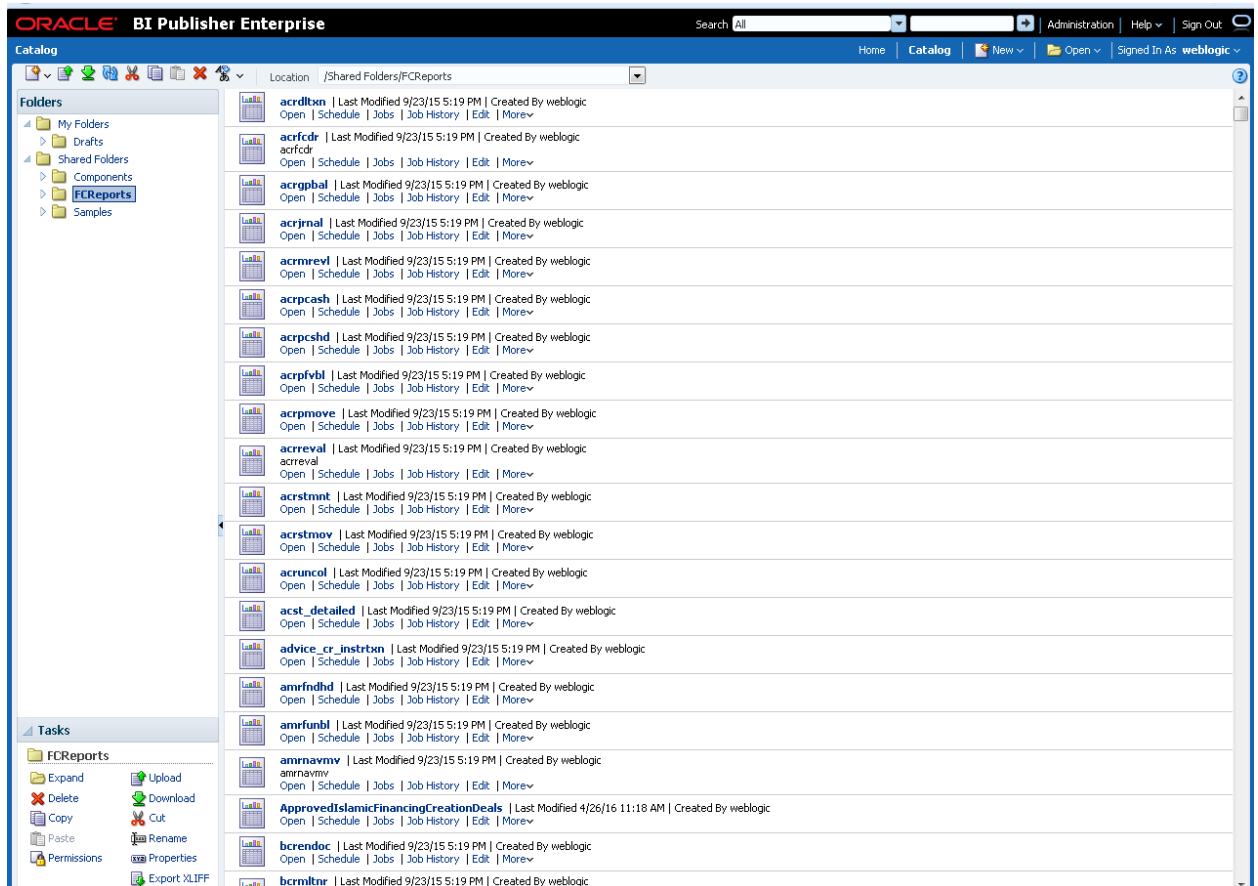
13. This screen displays both the data model (xdm) files and report (xdo, rtf) files. You can click the link 'Open' under the files and view the report.

14. Similar to FCReports folder, create a folder by name 'Adv' under FCReports and move Branch Advice Files to it.

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- MAIN/Branch/Advice_11g/Reports

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

15. This completes the process of 'FCReports' folder creation.

1.3.4 Configuring BIP Currency

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

- Configure using xdo.cfg file
- Configure from BIP server

#### 1.3.4.1 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'.

Click to view the 'xdo.cfg' file.

1.3.4.2 Configuring Currency from BIP Server

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

1. Go to Oracle BI Publisher 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.
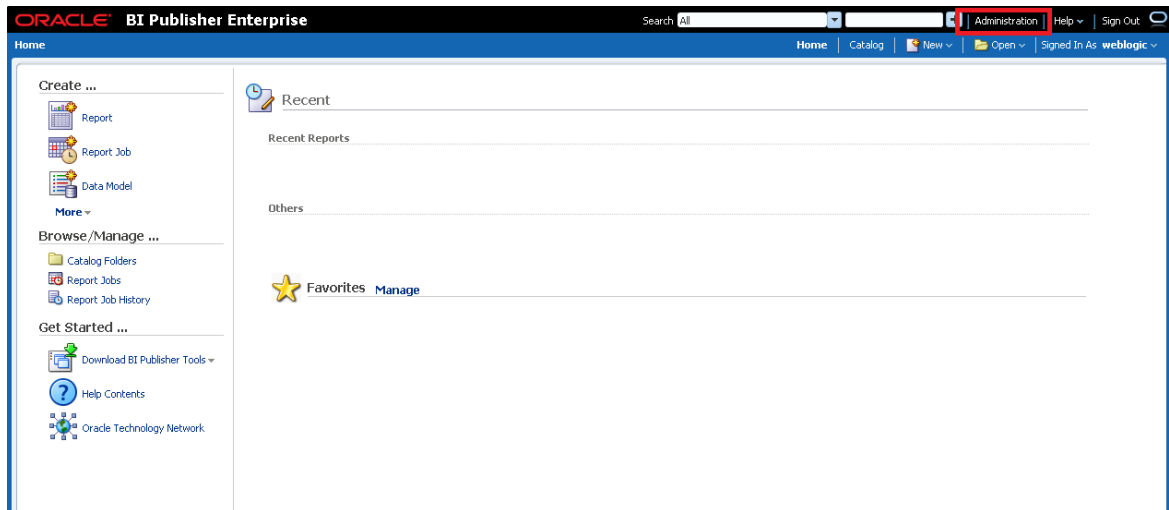
2. Click the link 'Administration' on the top right of the screen. The following screen is displayed.
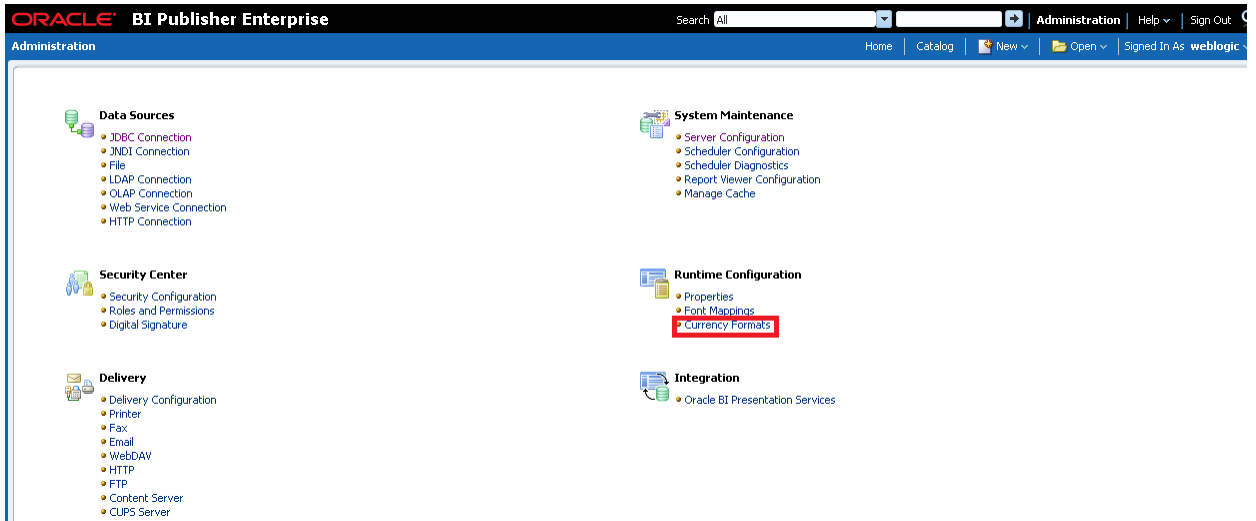
3. Click 'Currency Format' under 'Runtime Configuration'. The following screen is displayed.
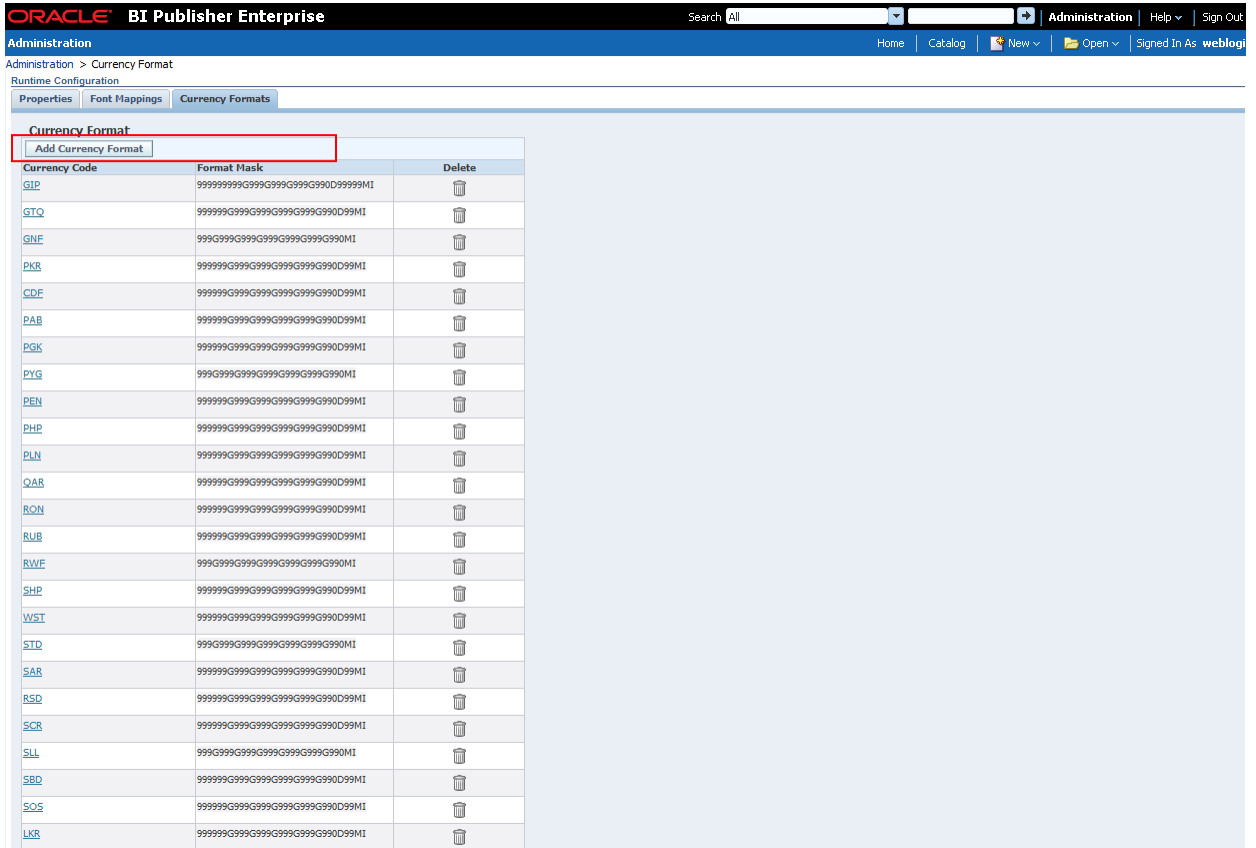
4. Click 'Add Currency Format' button. The following screen is displayed.
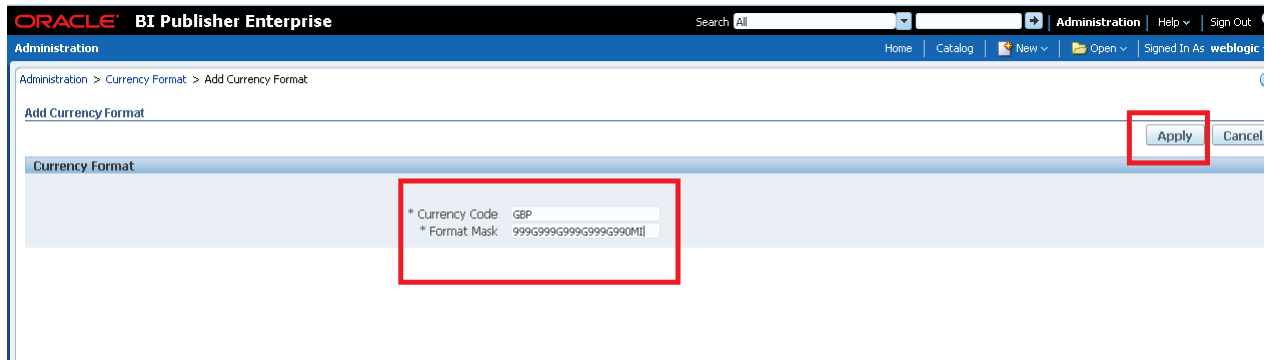
5. Specify the currency code and the format mask. Click 'Apply' button.

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

7. This completes the process of currency configuration from BIP server.

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