

Oracle Banking Trade Finance

BIP Web Service Reports



Release 14.8.1.0.0
G46025-01
October 2025

ORACLE®

Copyright © 2007, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface

Purpose	i
Audience	i
Documentation Accessibility	i
Critical Patches	i
Diversity and Inclusion	i
Conventions	ii
Related Resources	ii
Screenshot Disclaimer	ii

1 Server Setup for Web Service Based BIP Reports

1.1	Prerequisites	1
1.2	Deploying BIP Reports	1
1.2.1	Setting up BIP Server	1
1.2.2	Setting Up BIP Data Sources	3
1.2.3	Creating BI Publisher FCReports Folder	5
1.2.4	Creating BI Publisher Report Job	7
1.2.5	Configuring BIP Currency	9
1.2.5.1	Configuring Currency using 'xdo.cfg' file	9
1.2.5.2	Configuring Currency from BIP Server	9

Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)

Purpose

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

Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

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>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to

build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Resources

For more information, see these Oracle Banking Trade Finance resources:

- Oracle Banking Trade Finance Release Notes
- Oracle Banking Trade Finance Install & Upgrade

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

1

Server Setup for Web Service Based BIP Reports

1.1 Prerequisites

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

1.2 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

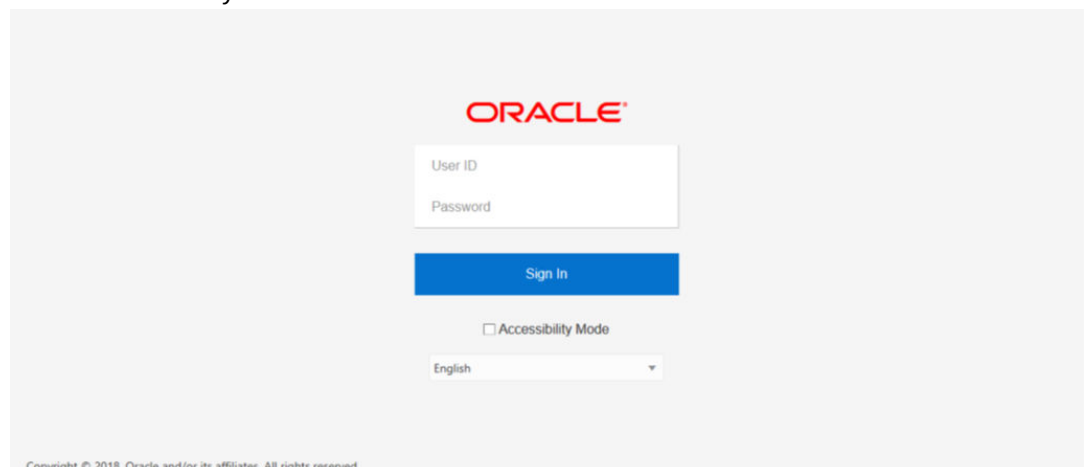
These steps are explained under the following headings.

- [Setting up BIP Server](#)
- [Setting Up BIP Data Sources](#)
- [Creating BI Publisher FCReports Folder](#)
- [Creating BI Publisher Report Job](#)
- [Configuring BIP Currency](#)

1.2.1 Setting up BIP Server

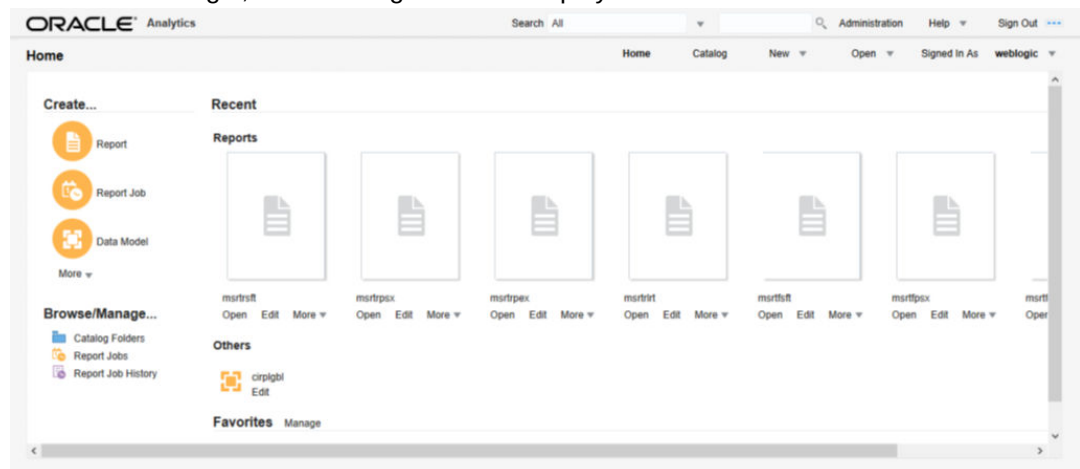
For setting up Oracle Analytics Server, follow the steps below.

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



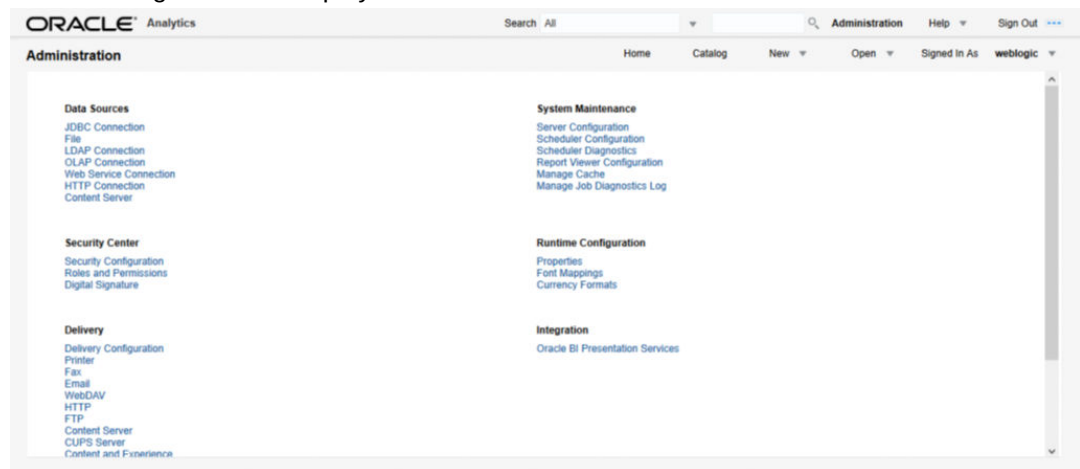
Specify the user name and password and click 'Sign In' button to sign in.

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.

The screenshot shows the Oracle Analytics Administration console. The top navigation bar includes 'Administration', 'Help', and 'Sign Out'. The main content area is titled 'System Maintenance' and contains several tabs: 'Server Configuration', 'Scheduler Configuration', 'Scheduler Diagnostics', 'Report Viewer Configuration', 'Manage Cache', and 'Manage Job Diagnostics Log'. A tip states: 'Any changes will only take effect after the application is restarted.' Below this, the 'Catalog' section is visible, showing details for the 'Oracle BI EE Catalog' (Server Version v7, Connection protocol TCP). It includes fields for 'BI Publisher repository', 'BI Search URL', 'BI Search Group name', and 'BI Search Timeout (millisecond)'. The 'General Properties' section contains fields for 'System Temporary Directory' and 'Report Scalable Threshold'. The 'Caching' section has fields for 'Cache Expiration (minutes)', 'Cache Size Limit', and 'Maximum Cached Report Definitions'. The 'Database Failover' section has fields for 'Number of Retries' and 'Retry Interval (seconds)'. The 'Monitor and Audit' section has a checkbox for 'Enable Monitor and Audit'. The 'Deployment Mode' section has a checkbox for 'Is Cloud Enabled'.

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'.

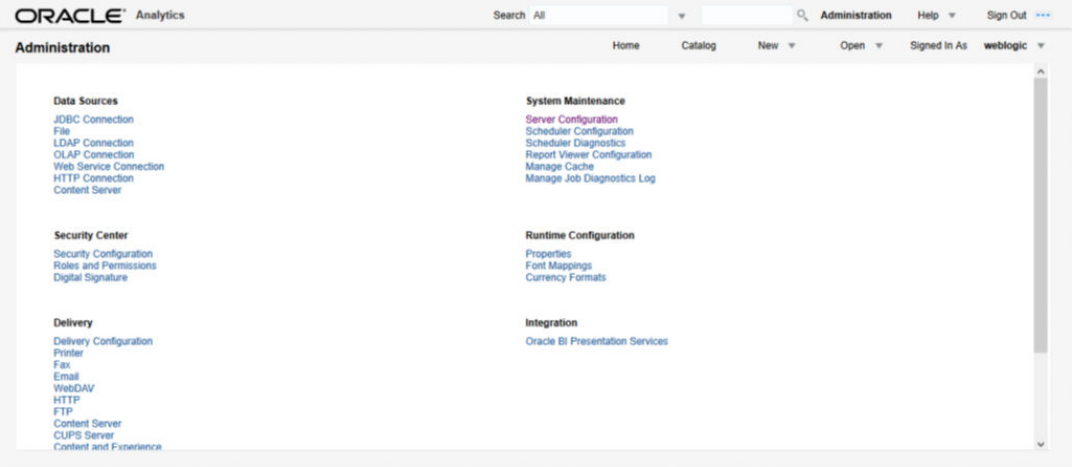
This completes the process of BIP service setup.

1.2.2 Setting Up BIP Data Sources

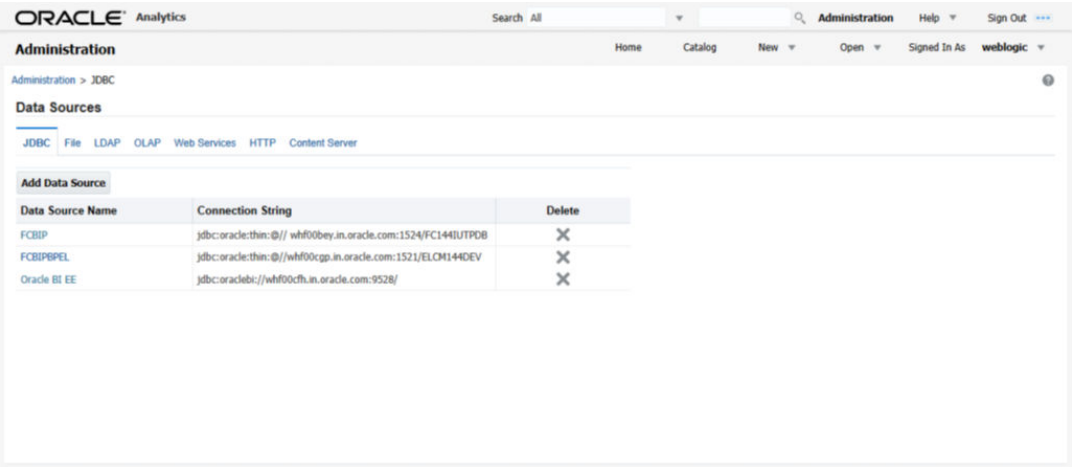
For setting up Oracle Analytics Server data sources, follow the steps below.

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.

The screenshot shows the 'Add Data Source' configuration page in the Oracle Analytics Administration console. The page is divided into three main sections: General, Backup Data Source, and Security.

- General:** Contains fields for Data Source Name, Driver Type (Oracle 12c), Database Driver Class (oracle.jdbc.OracleDriver), and Connection String (jdbc:oracle:thin:@[host]:[port]:[sid]). It also has checkboxes for Use System User, Username, Password, Pre Process Function, Post Process Function, Client Certificate, and Use Proxy Authentication. A 'Test Connection' button is present.
- Backup Data Source:** Includes a checkbox for 'Use Backup Data Source' and fields for Connection String, Username, and Password. A 'Test Connection' button is also available.
- Security:** Features a checkbox for 'Allow Guest Access' and a section for 'Allowed User' with a list of available roles (Authenticated User, BI Consumer, BI Content Author, BI Data Model Author, BI Service Administrator, DV Consumer, DV Content Author) and buttons for Move, Move All, Remove, and Remove All.

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 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.

1.2.3 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

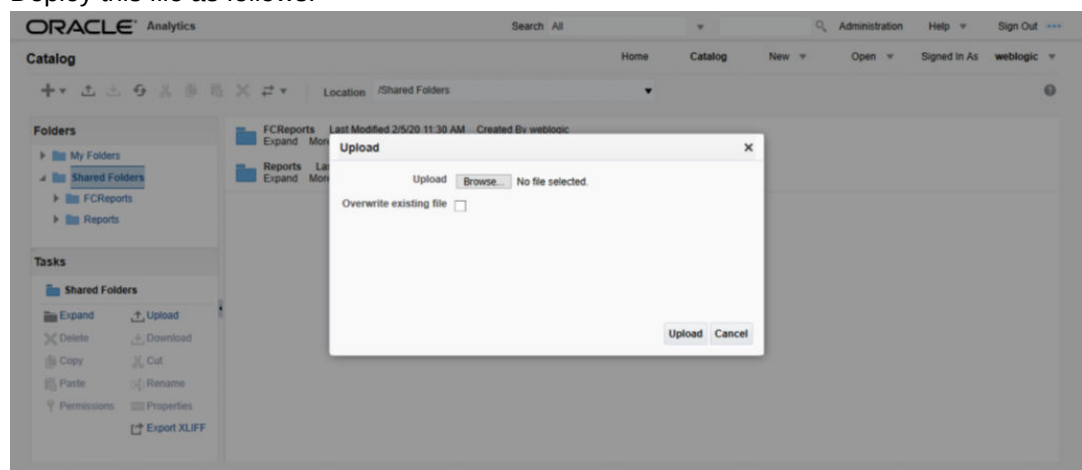
- MAIN/<Module>/Advices_5.5/Datamodels_5.5
- MAIN/<Module>/Advices_5.5/Reports_5.5 (except Branch Module)
- MAIN/<Module>/Advice_5.5/XSD

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_instrtn.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
amnavmv.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
bcrodoc.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.

ORACLE Analytics Administration Help Sign out

Catalog Home Catalog New Open Signed In As weblogic

Location /Shared Folders/FCReports

Folders

- My Folders
- Shared Folders
 - FCReports**
 - Reports

Tasks

- FCReports
 - Expand
 - Upload
 - Delete
 - Download
 - Copy
 - Cut
 - Paste
 - Rename
 - Permissions
 - Properties
 - Export XLIFF

brendoc	Last Modified 3/27/20 10:38 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcrmltnr	Last Modified 3/27/20 10:38 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbroelf	Last Modified 3/27/20 10:39 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbrobtbp	Last Modified 3/27/20 10:40 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbrobus	Last Modified 3/27/20 10:40 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbrobunp	Last Modified 3/27/20 10:41 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbrodacc	Last Modified 3/27/20 10:41 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More
bcbrodapp	Last Modified 3/27/20 10:41 AM	Created By weblogic
Open	Schedule	Jobs Job History Edit More

This completes the process of 'FCReports' folder creation.

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

ORACLE

Analytics

Search All

Administration

Help

Sign Out

Schedule Report Job

HomeCatalogNewOpenSigned In Asweblogic

Overview

General Created by weblogic

Report Name

Schedule Start immediately

Outputs

Destination

Notification

Return

Submit

General

Output

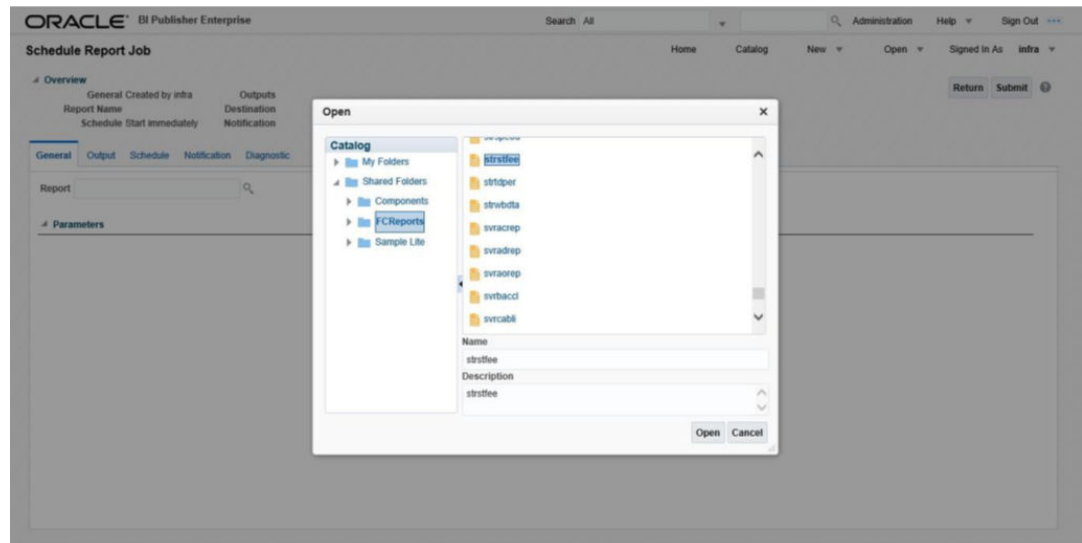
Schedule

Notification

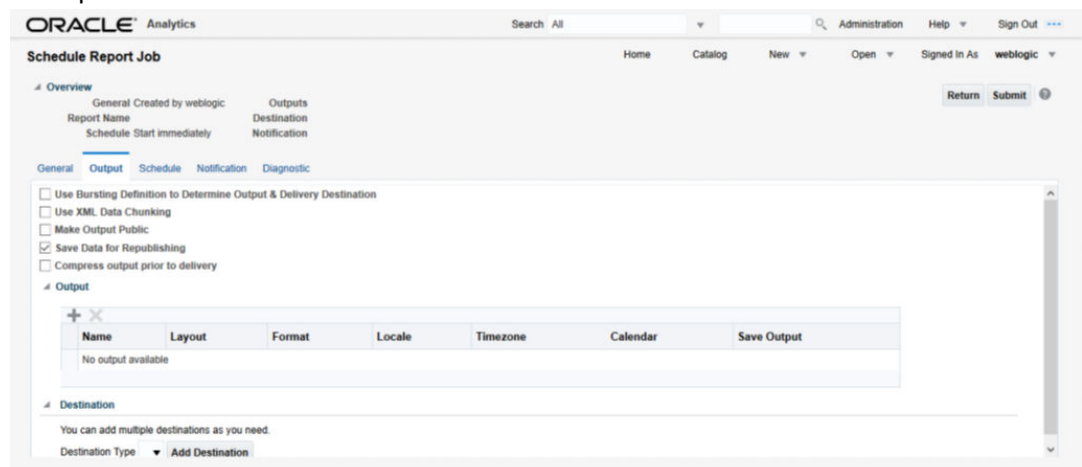
Diagnostic

Report

Parameters



- 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.



- 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.

Submit

Report /FCReports/strstfee.xdo

Parameters

Schedule Start immediately

Output View bursting definition

Notification

Trigger Data Model

Trigger Name

Trigger Retry Limit

Trigger Pause Time

Trigger Parameters

Report Job Name

OK Cancel

From whf00bzq.in.oracle.com:9502

Job "PAD_StatementOfFees" successfully submitted

OK

1.2.5 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](#)

1.2.5.1 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'.

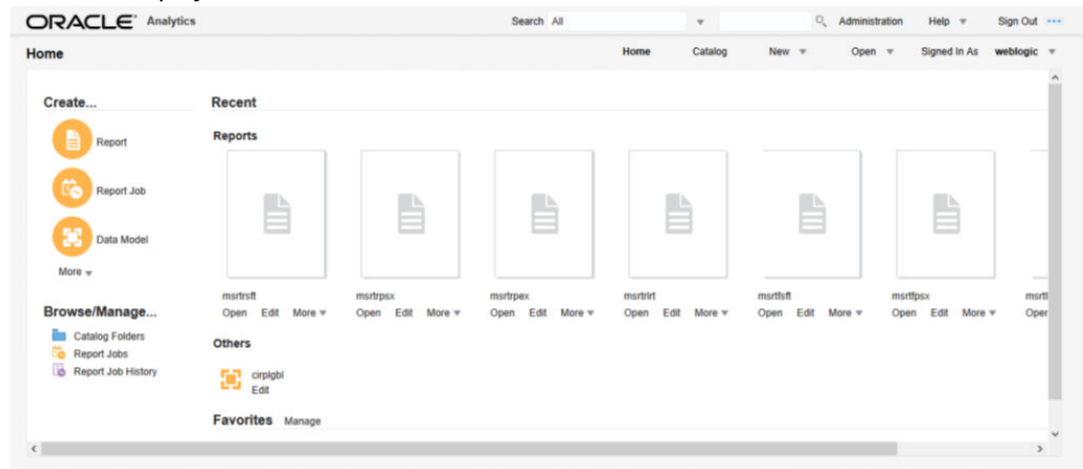
Click to view the 'xdo.cfg' file.

1.2.5.2 Configuring Currency from BIP Server

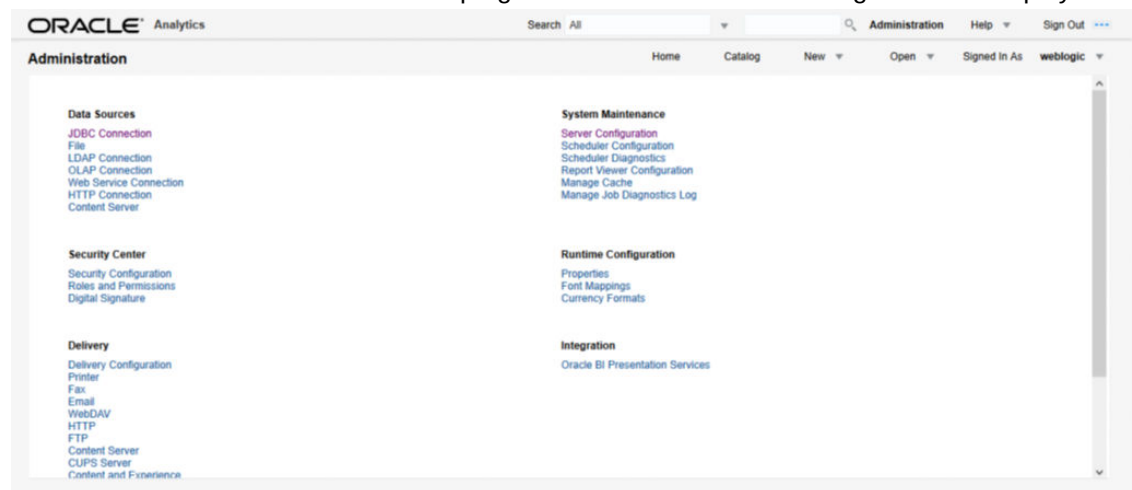
In order to configure the currency from BI Publisher server, follow the steps given below.

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

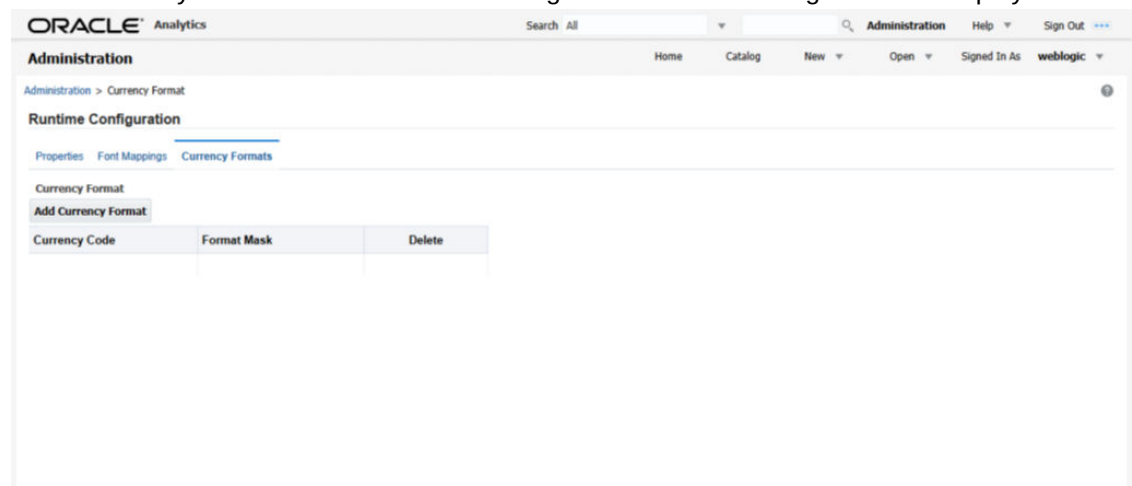
screen is displayed.



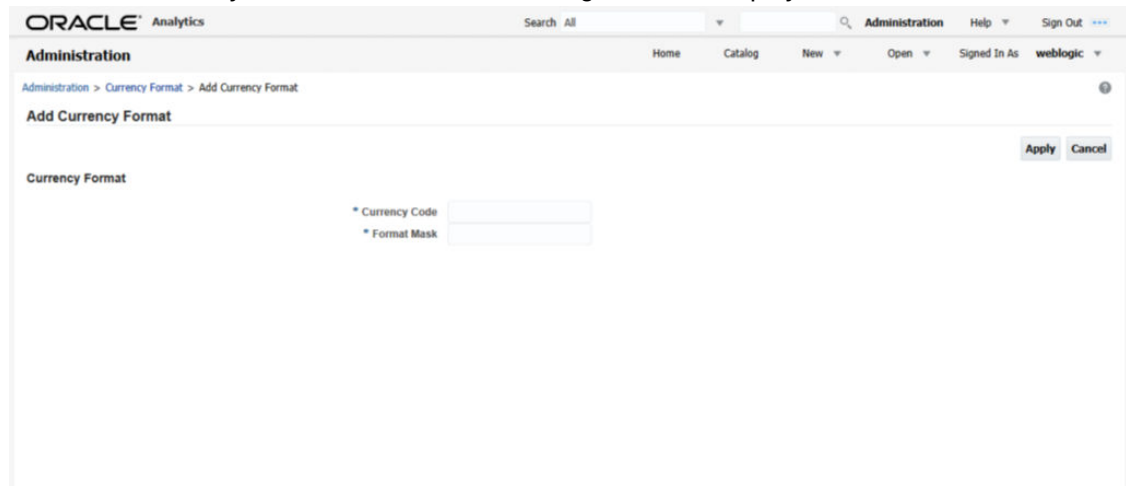
Click the link 'Administration' on the top right of the screen. The following screen is displayed.



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



Click 'Add Currency Format' button. The following screen is displayed.



The screenshot shows the Oracle Analytics Administration console. The breadcrumb trail is 'Administration > Currency Format > Add Currency Format'. The page title is 'Add Currency Format'. There are 'Apply' and 'Cancel' buttons in the top right corner. The main content area is titled 'Currency Format' and contains two required fields: '* Currency Code' and '* Format Mask', each with an adjacent text input box.

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.