BIP Web Service Reports Oracle FLEXCUBE Universal Banking Release 14.0.0.0.0 [February] [2018]



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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 12C.

1.2 Prerequisites

Before you continue, ensure that Oracle BI Publisher 12C 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.



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.

	Sign In
	Please enter username and password
	Username
	username
	Password
	Accessibility Mode
	Accessionity Hope
	Sign In
	1 m
	English (United States)
Oracle BI Publisher 12.2.1.0.0	
Copyright © 2003, 2015, Oracle and/or its affiliates. All rights reserved.	

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

On successful login, the following screen is displayed.

	r Enterprise	Search All		v	0,	Administration	Help 🔻	Sign Out
Home			Home	Catalog	New 🔻	Open 💌	Signed In As	weblogic 🔻
Create	Recent							
Report	Reports							
	Others							
Report Job	Favorites Manage							
Data Model								
More 👻								
Browse/Manage								
 Catalog Folders Report Jobs Report Job History 								

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

The following screen is displayed.



	Search All	•	् Administratio	n Help 🔻	Sign Out
Iministration	Hor	ne Catalog	New v Open v	Signed In As	weblogic 🔻
Data Sources JDBC Connection VND Connection File DLAP Connection VMS Service Connection	System Maintenance Server Configuration Scheduler Configuration Scheduler Diagnostics Report Viewer Configuration Manage Cache				
Vield service Collectuality HTTP Connection Security Configuration Roles and Permissions Digital Signature	Runtime Configuration Properties Font Mappings Currency Formats				
Delivery Delivery Configuration Printer	Integration Crade BI Presentation Services				
Fax Email WeeDAV FTP TTP Content Server CUPS Server					
acle BI Publisher 12.2.1.0.0 (build:20151008.1303)					

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

The following screen is displayed.

ORACLE [®] BI Publisher Enterprise			Search All	•	् Administration	Help 🔻 Sign Out 🚥
Administration				Home Catalog	New v Open v	Signed In As weblogic v
Administration > Server Configuration						0
System Maintenance						
Server Configuration Scheduler Configuration Scheduler Diagnostic	B Report Viewer Configuration Manag	ge Cache				
♂TIP Any changes will only take effect after the application is restarted.						Apply Cancel
Catalog						
Catalog						
The Catalog contains all content such as reports and data models.						
Catalog Type Oracle BI EE Catalog						
Server Version V7						
Connection protocol TCP						
Test Connection	n					
BI Publisher repository /scratch/app/ob	ie1221/user_projects/domains/bi/bidata/o	components/bipublisher/repository				
BI Search URL http://ofss2203	31.in.oracle.com:8505/bisearch/rest/BISe	earchQueryService/search				
BI Search Group name bisearch_WS						
BI Search Timeout (millisecond) 6000						
General Properties						
System Temporary	Directory					
Report Scalable 1	hreshold					
Caching						
Cache Expiration (minutes)						
Cache Size Limit						
Maximum Cached Report Definitions						
Database Failover						>

5. 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.

- 6. Once you have specified the above details, click 'Apply'.
- 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.
- 2. Click the link 'Administration' on the top right of the screen. The following screen is displayed.

ORACLE' BI Publisher Enterprise	Search All v G Administration Help v Sign O	ıt
Administration	Home Catalog New v Open v Signed In As weblog	c Ŧ
Data Sources	System Maintenance	
JDBC Connection JDDI Connection File LDAP Connection QLAP Connection Web Service Connection HTTP Connection	Server Configuration Scheduler Configuration Scheduler Configuration Report Viewer Configuration Manage Cache	
Security Center	Runtime Configuration	
Security Configuration Roles and Permissions Digital Signature	Propries Forn Mappings Currency Formats	
Delivery	Integration	
Delvery Configuration Printer Fax Email WebDAV HTTP FTP Content Server CUPS Server	Oracle BI Presentation Services	
Oracle BI Publisher 12,2,1,0,0 (build 20151008,1303)		
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3. Click 'JDBC Connection' under 'Data Sources'. The following screen is displayed.



DRACLE BI	Publisher Enterprise		Search All		v	0,	Administration	Help 🔻	Sign Out
iministration				Home	Catalog	New 🔻	Open 💌	Signed In As	weblogic
ninistration > JDBC									
a Sources									
DBC JNDI File LDAP	OLAP Web Services HTTP								
Add Data Source									
Data Source Name	Connection String jdbc:oracle:thin:@HOST:PORT:SID	Delete							
CBIP	jdbc:oracle:thin:@10.184.132.131:1522:FCDEV123	Û							
CBIPBPEL	jdbc:oracle:thin:@10.184.132.131:1522:FCDEV123	Û							
Oracle BI EE	jdbc:oraclebi://ofss220331.in.oracle.com:8514/	Û							

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

ORACLE' BI Publisher Enterprise		Search All	• °.	Administration Help 🔻 Sign Out 🚥
Administration		Home	Catalog New 🔻	Open 💌 Signed In As weblogic 💌
Administration > JDBC > Update Data Source: FCBIP				0 ^
Update Data Source: FCBIP				
				Apply Cancel
General				
General				
IP Please make sure to install the required JDBC driver classes.	System User for your BI Server Database Connection.			
Data Source Name	FCBIP			
* Driver Type	Oracle 12c 🔹			
* Database Driver Class	oracle.jdbc.OracleDriver			
	(Example: oracle.jdbc.OracleDriver)			
* Connection String	jdbc:oracle:thin:@10.184.132.131:1522:FCDEV123	^		
		×		
Use System User				
* Username	FCUBS123			
Password	•••••			
Pre Process Function				
Post Process Function				
	Use Proxy Authentication			
	Test Connection			
	rest connection			
Backup Data Source				
♂TIP To enable access to a backup data source, please check the Use Backup Data Source checkbox and	enter the necessary connection information.			
Use Backup Data Source				
Connection String	_	~		
		×		~
lisername				

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. In the shipment media, copy all the files from the following folders to a common location:
 - MAIN/<Module>/Datamodels_12c



• MAIN/<Module>/Reports_12c

Along with these create a folder called 'Adv' and keep the files under these directories

- MAIN/<Module>/Advices_12c/Datamodels_12c
- MAIN//<Module>/Advices_12c/Reports_12c (except Branch Module)
- MAIN/<Module>/Advice_12c/XSD

For example:

Name	Date modified	Туре	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
berodace vdmz	7/26/2016 12:23 PM	XDM7 File	3 KB

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

3. Deploy this file as follows.



	whf00att.in.oracle.com:	9502/xmlpserver/se	rvlet/catalog			0 - C	🍌 Bug 24482406 -	LS REPORTS M	A This page can'	t be displayed	Shared Folder	s - Oracle BI P ×		× = = = = = = = = = = = = = = = = = = =
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Click on Shared Folders, under the Tasks tab click on upload button, browse the FCReports.xdrz file and click on upload.

4. In Oracle BI Publisher Enterprise, navigate to 'Shared Folders' and then to 'FCReports' folder. The screen will display the list of all available reports.

	Enterprise	Search All	v	् Admir	histration Help v	Sign Out
atalog		Home	Catalog	New 🔻 Op	en 🔻 Signed In A	As weblogic 1
+ + 土 土 チ ሖ ●	Location /Shared Folders/FCReports ▼					e
Folders	acrdItxn Last Modified 8/22/16 12:20 PM Created By weblogic Open Schedule Jobs Job History Edit More *					,
My Folders	acrfcdr Last Modified 8/22/16 12:20 PM Created By weblogic acrfcdr Open Schedule Jobs Job History Edit More *					
eod report Shared Folders	acrgpbal Last Modified 9/2/16 12:20 PM Created By weblogic Open Schedule Jobs Job History Edit More *					
Components	acrimal Last Modified 8/22/16 12:20 PM Created By weblogic Open Schedule Jobs Job History Edit More *					
FCReports Sample Lite	acrmrevI Last Modified 8/22/16 12:20 PM Created By weblogic Open Schedule Jobs Job History Edit More 🕶					
	acrpcash Last Modified 8/22/16 12:20 PM Created By weblogic Open Schedule Jobs Job History Edit More 🕶					
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In FCUBS properties Advice Type should be set to 'BIP' for displaying Branch Advice in PDF format

5. 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

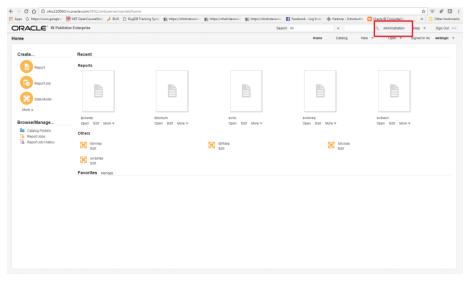
In this method, you need to define the mask for each currency in the 'xdo.cfg' file. Further, place the 'xdo.cfg' file in the folder '<BI Publisher Repository>\Admin\Configuration'.

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.



DRACLE BI Publisher Enterprise	Search All	*	٩,	Administration	Help v	Sign Out
iministration	Но	me Catalog	New v	Open +	Signed In As	weblogic
Data Sources	System Maintenance					
JDBC Connection JNDI Connection File	Server Configuration Scheduler Configuration Scheduler Diagnostics					
LOAP Connection OLAP Connection Web Service Connection HTTP Connection Content Server	tomenuer obergenden Report Never Configuration Manage Ceb Diagnostics Log					
Security Center	Runtime Configuration					
Security Configuration Rotes and Permissions Digital Signature	Properties Fort Mappings Currency Formats					
Delivery	Integration					
Delivery Configuration Protein Ernata Conta de Conta de PTP PTP Confis Elevere Confis Elevere	Cracle BI Presentation Services					
Contraction Services						
acle BI Publisher 12.2.1.1.0 (build:20160526.2332)						

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

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on		Home	Catalog Ne	w ▼ Open ▼ Signed I
Currency Format				
guration				
Font Mappings Currency Formats				
ncy Format Currency Format				
ncy Code Format Mask	Delete			

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

			Se	earch All	•	0,	Administration	Help 💌	Sign Out 🚥
Administration				Home	Catalog	New 💌	Open 💌	Signed In As	weblogic *
Administration > Currency Format > Add Currency Format									
Add Currency Format									
								Ар	ply Cancel
Currency Format									
	* Currency Code	GBP							
	* Format Mask	999G999G999G999G990M1							

- 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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