

Oracle Financial Services
Administrative Reports

Configuration Note
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Document Control

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1. Introduction

Following are the steps to be followed for configuring Admin BI Dashboards and Reports after OBIEE installation (Server):

A. Preliminary Installation of Software

1. Make sure Oracle Business Intelligence (Version 11.1.1.7.0) installation is completed with the patch 16556157 and is available.
2. If the OBIEE is installed in other than Windows environment, then make sure that a standalone OBIEE Client is installed in a Windows environment.
3. Apply one-off patch 20227882.

B. Modify Repository Connection Pool Settings

- Admin BI RPD is available under folder \$FIC_HOME\AdminBI\OBIEE
 - Admin BI web catalog is available as a zip file (FusionAdmin.zip) under \$FIC_HOME\AdminBI\OBIEE
- Unzip the FusionAdmin.zip file

Unzip/Unrar the FusionAdmin.zip file

Admin BI RPD: Fusion_Admin.rpd
Admin BI web catalog: Fusion_Admin.catalog

1. Copy the Repository file and place it in the Repository folder where OBIEE is installed, that is, <OBIEE Install Folder>/instances/instance1/bifoundation/OracleBIServerComponent/coreapplication_obis1/repository.
2. Select Start > Programs > Oracle Business Intelligence > Administration.
3. Select File > Open > Offline.
4. Locate the Fusion_Admin.rpd and open.
5. Provide Repository password. (Default password set for Admin BI is "**Administrator123**")

Set the Connection Pool Properties

- a. In the "Physical" layer, double-click the "FDM" Connection Pool to view its properties
- b. In the 'General' tab, edit / check the following entries:
Call Interface: Default (OCI 10g/11g)
Data source name: <complete connect string>
example: (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 10.186.125.27)(PORT = 1521)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME = STANC)))
User name: <enter atomic db user name>
Password: <enter atomic db user password>
- c. Repeat Step (b) for "FDM Init Block" Connection Pool
- d. Click 'OK' to close the window and click 'Save' to save the RPD file.
- e. Click 'No' for the Global Consistency Message.
- f. Close the RPD file (File / Exit)

C. Starting Node manager and Weblogic Servers

Set the <Oracle BI Instance Home> directory.

For example, `/u01/OBIEE11G/instances/instance1`.

Start Weblogic AdminServer.

- a. Set the < BI Domain Home> directory.
For Example, `/u01/OBIEE11G/user_projects/domains/bifoundation_domain`.
- b. Navigate to < BI Domain Home >/bin and run **nohup ./startWebLogic.sh &**.
- c. Bringing up this service may take a few minutes depending on your environment. Check the logs using the command **tail -f nohup.out**.

Start Node Manager.

- d. Set the < WebLogic Server Home > directory>.
For example, `/u01/OBIEE11G/wlserver_10.3`.
- e. Navigate to <WebLogic Server Home>/server/bin and execute the command **nohup ./startNodeManager.sh &**.

Start Weblogic Managed Server(bi_server1).

- f. Login onto `http://localhost:7001/console` using your Administrator credentials created during platform install (Replace the hostname based on your setup).
- g. Under Environment, click **Servers** link.



The bi_server1 line should show as shutdown state at this point.

<input type="checkbox"/>	Server	Machine	State	Status of Last Action
<input type="checkbox"/>	AdminServer(admin)	laliv-lap	RUNNING	None
<input type="checkbox"/>	bi_server1	laliv-lap	SHUTDOWN	TASK COMPLETED

- h. Click **Control** tab.



- i. Select the **bi_server1** line by clicking on the left tick box.
- j. Click **Start** button at the top of the list and confirm starting this service.



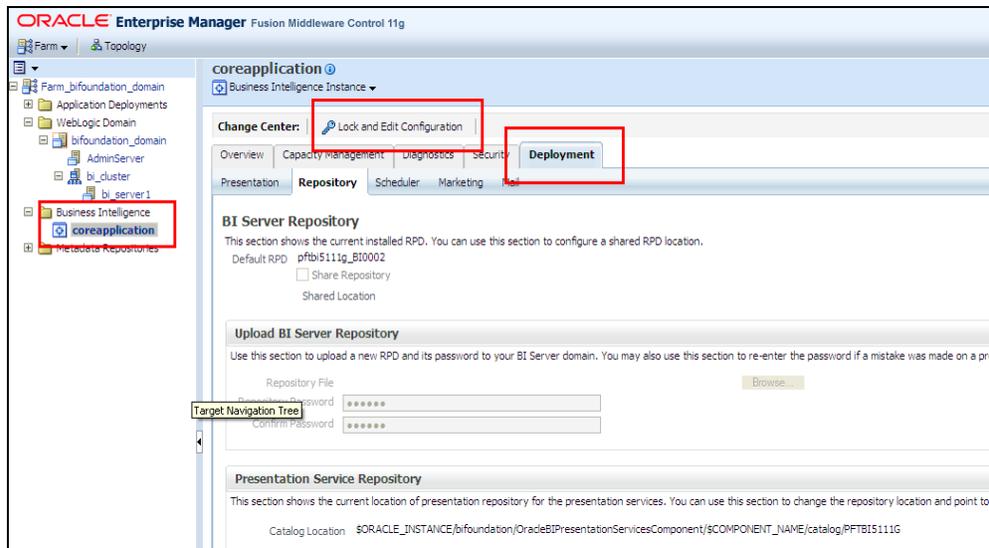
- k. State will update to “RUNNING” mode after a few minutes.

D. Deployment

1. Deploy RPD file.

1.1 Log in to Fusion Middleware Control 'http://<hostserver name or IP>:<port>/em' using the weblogic credentials defined during installation.

1.2 Go to Business Intelligence folder > coreapplication> Deployment and click on Lock and Edit Configuration.



1.3 In the Upload BI Server Repository, click on Browse and locate the folder where the new RPD which has to be deployed is present.

1.4 Enter the existing RPD Password.

1.4.1 Create a new web catalog folder for Admin BI application through Enterprise Manager of OBIEE.

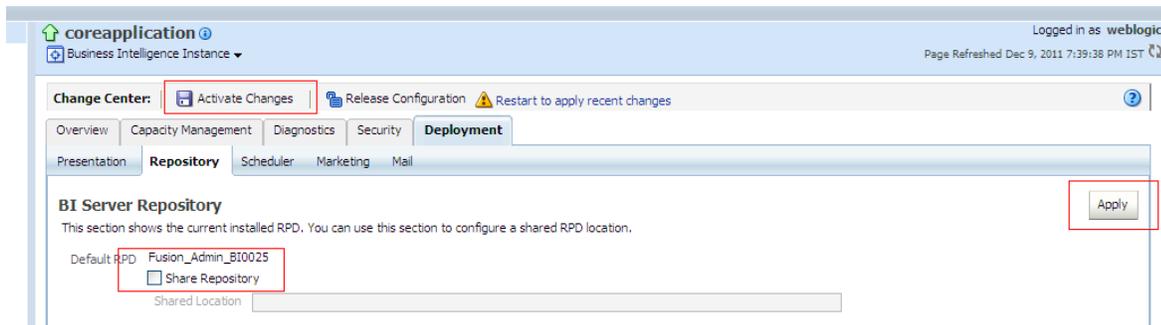
1.4.2 Set the Catalog Location available under 'BI Presentation Catalog' like:

“\$ORACLE_INSTANCE/bifoundation/OracleBIPresentationServicesComponent/\$COMPONENT_NAME/catalog/Fusion_Admin”.

1.5 Apply > Activate Changes.

1.6 You can see the new Default RPD as Fusion_Admin_BI0001.

In the following example case, the RPD can be seen as Fusion_Admin_BI0025



1.7 Modify the NQSCONFIG.INI file to incorporate User Roles and Group Id changes. The location is <OBIEE Install Folder>/instances/instance1/config/OracleBIServerComponent/coreapplication_obis1

1.8 Change the FMW_UPDATE_ROLE_AND_USER_REF_GUIDS to YES.

For example, FMW_UPDATE_ROLE_AND_USER_REF_GUIDS = YES;

E. Starting the Analytics services

The Oracle Business Intelligence system components can be started in any of the following manner.

1. Through OPMN controller

For Windows Server

1.1 Open a command prompt, navigate to <OBIEE Install Folder>/instances/instance1/bin

1.2 Run the 'opmnctl startall' command.

For Other Servers

1.3 Navigate to < OBIEE Install Folder > /instances/instance1/bin

1.4 Run the command '. /opmnctl startall'

1.5 Check the status by running the command '. /opmnctl status'

```

[obiee11g@REV-OVS-X13 bin]$ ./opmnctl startall
opmnctl startall: starting opmn and all managed processes...
[obiee11g@REV-OVS-X13 bin]$ ls
opmnctl
[obiee11g@REV-OVS-X13 bin]$ ./opmnctl status

Processes in Instance: instance1
-----+-----+-----+-----
ias-component | process-type | pid | status
-----+-----+-----+-----
coreapplication_obiccs1 | OracleBIClusterCo~ | 23604 | Alive
coreapplication_obisch1 | OracleBIScheduler~ | 23602 | Alive
coreapplication_obijh1 | OracleBIJavaHostC~ | 23606 | Alive
coreapplication_obips1 | OracleBIPresentat~ | 23603 | Alive
coreapplication_obis1 | OracleBIServerCom~ | 23605 | Alive
[obiee11g@REV-OVS-X13 bin]$ █

```

- In case of any problems check for the log files present in the respective diagnostic folders of analytics server, that is, <OBIEE Install Folder>/instances/instance1/diagnostics/logs.

Please note that the steps mentioned in Section D 2.4 will force the BI Presentation Services to be shut down after updating the Account GUIDS. In that case

- Also revert back the changes that were made in the NQSCfg.INI file to NO.

FMW_UPDATE_ROLE_AND_USER_REF_GUIDS = NO.

- Restart the BI Servers and BI Presentation Servers either through OMNM controller or Enterprise Manager.

3. Deploy Web Catalog.

- Open OBIEE Aalytics URL. Eg:- (<http://<ipaddress>:<port>/analytics/saw.dll?catalog>).
- Select the “Shared Folder” in the LHS tree structure.
- Click the ‘Unarchive’ from the LHS Tasks. It will ask for the path for a file.
- Browse the path of the archived catalog file saved in your local folder using the ‘Browse’ button in the pop up. Click ‘OK’.

F. Testing the Analytics reports

- Log in to ‘[http:// <host server name or IP>:<port>/analytics/saw.dll?Dashboard](http://<host server name or IP>:<port>/analytics/saw.dll?Dashboard)’ using your Administrator credentials created during OBIEE install and verify reports.
- Also modify files <INFODOMNAME>_FusionMenu.xml and FusionMenu.xml found under folder <FIC_HOME>/webroot/WEB-INF/props/ as below
 - Under <MENUITEM ID="ADMN" For <MENUITEM ID="ADMINREP" ... Change the attribute value as URL as URL="http://<host server name or IP>:<port>/analytics" Save both the files and Generate EAR/WAR and redeploy in to webserver
 - Change PRIVILEGES="0" to PRIVILEGES=""
- Login to OFSAAI application
- Navigate to Financial Services Applications > Administration >
- Click on ‘Administrative Reports’ which will open OBIEE login page in new IE window

- 6 Check for the reports availability.
- 7 In case of any problems check for the log files present in the respective diagnostic folders of analytics server, that is, <OBIEE Install Folder>/instances/instance1/diagnostics/logs.



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