Oracle Financial Services Balance Sheet Planning (OFS BSP)

Installation and Configuration Guide

Version 8.0.2.0.0

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FINANCIAL SERVICES

DOCUMENT CONTROL

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Executive Summary

This document includes the necessary instructions to apply 8.0.2.0.0 Minor Release for Oracle Financial Services Balance Sheet Planning and perform the required post install configurations. You can find the latest copy of this document in OTN Documentation Library.

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Preface

This document provides step-by-step instructions to install the OFS BSP 8.0.2.0.0 Release.

This chapter discusses the following topics:

- [Audience](#)

- [How this Guide is organized](#)

Audience

Oracle Financial Services Balance Sheet Planning Installation and Configuration Guide is intended for administrators, and implementation consultants who are responsible for installing and maintaining the Oracle Financial Services Balance Sheet Planning product.

Prerequisites for the Audience

The document assumes that you have experience in installing Oracle Enterprise Performance Management components and basic knowledge about the following is recommended.

- Oracle Financial Services Balance Sheet Planning product

- UNIX Commands

- Database Concepts

How this Guide is Organized

The Oracle Financial Services Balance Sheet Planning Installation and Configuration Guide include the following topics:

- [OFS BSP Release 8.0.2.0.0](#)

- [Appendix A](#)

- [Appendix B](#)

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1 OFS BSP Minor Release 8.0.2.0.0

This Minor Release of OFS BSP is cumulative and includes all enhancements and bug fixes done since the OFS BSP v8.0.0.0.0.

1.1 Supported Software Versions

Hyperion 11.1.2.4.0 for Oracle Enterprise Performance Management System

Note: For BSP 8.0.2, you need to turn on the "Compatibility Mode" on Internet Explorer 11.

1.2 Pre Installation Requirements

You should have OFS BSP 8.0.1.0.0 installed.

1.3 How to Apply This Minor Release?

1.3.1 Installing OFS BSP

Refer to the following instructions to download, extract, install, and configure this minor release.

1. Login to https://support.oracle.com/ and search for 22124009 under the *Patches & Updates* tab.

2. Download the respective OS patch (**p22124009_Linux.zip** or **p22124009_Solaris.zip**) and unzip the downloaded patch file to the $EPM_ORACLE_HOME/OPatch directory on Planning Server.

3. Stop all the EPM services running on the Planning server where this patch is being applied, including the Planning server, RMI services, and Financial Reports.

4. On the Planning server machine, from the command line, change the directory to $EPM_ORACLE_HOME/OPatch and apply the patch using opatch command.

5. Go to path $EPM_ORACLE_HOME/bsp and provide execute permission to shell scripts bsp_webdeploy.sh, bsp_cfebinary_deploy.sh and finalize_bsp_install.sh .

6. Run the shell scripts available under path $EPM_ORACLE_HOME/bsp and in the below mentioned order,

   i) bsp_webdeploy.sh

   ii) bsp_cfebinary_deploy.sh

   iii)finalize_bsp_install.sh.

7. Deploy the HyperionPlanning.ear file generated under directory $EPM_ORACLE_HOME/bsp/ear_to_deploy to the Planning server.

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8. Verify that the variable $ORACLE_HOME has correct value set in the file $EPM_ORACLE_HOME/products/Planning/bin/bsp_user_profile.sh

9. Follow the steps mentioned below to upgrade an already initialized BSP 8.0.1.0.0 application

   a. Make a copy of the file $EPM_ORACLE_HOME/products/Planning/lib/bspudf.jar with the name bspudf.cdf.jar.

   b. Replace the existing bspudf.cdf.jar under path $MIDDLEWARE_HOME/user_projects/epmsystem1/EssbaseServer/essbaseserver1/app/<application_name>/ with the bspudf.cdf.jar created as per above step.

10. Restart all the services on the Planning server that were stopped in Step 1, including the Planning server, RMI services, and Financial Reports services.

11. To upgrade an existing application where BSP 8.0.1.0.0 is already initialized, Login to Hyperion workspace and go to following path:

    Navigate-> Applications->Planning-> Select the application name (which needs to be upgraded).

    Navigate to Administration-> Application --> Manage Application->Select the Application Name. Proceed for BSP Initialization for the selected application through Actions -> Initialization -> Initialize BSP. Click Initialize.
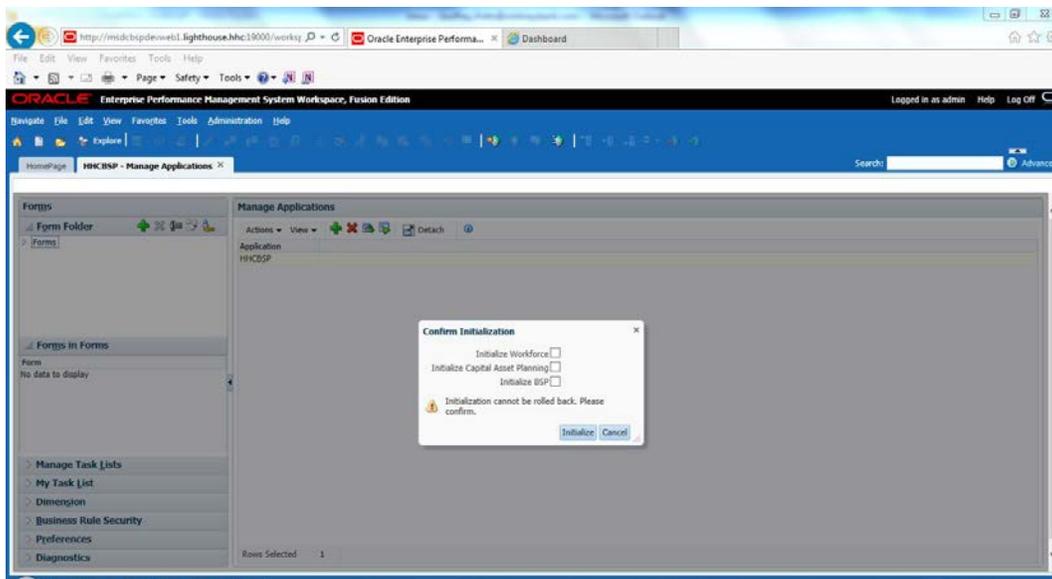
Now, you will be navigated to BSP specific Initialization UI, where the details to be captured will be displayed.

Specify the required initialization parameters and click the "Upgrade" button.

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On successful completion of Upgrade, a pop-up with success message is displayed. You can check the logs on server under path $EPM_ORACLE_HOME/logs/bsplog/bsplog.log.

Note: "Finish" button should not be clicked for the Upgrade process or after completion of the Upgrade activity. Upgrade is a onetime activity and cannot be rolled back.

12. When you are upgrading BSP 8.0 or 8.0.1 to 8.0.2, then access the Configuration UI and enter the details in this UI manually and Save. The $EPM_ORACLE_HOME/bsp/BSP_RunOnPlanning.sh and $EPM_ORACLE_HOME/bsp/BSP_RunOnEssbase.sh scripts must be also be run after making these updates in a distributed environment. For more information, refer to the *BSP 8 User Guide*.

    Note: The DSN name should be in following format: hostname:portNumber/SID, so the manual maintenance of this entry in **odbc.ini** file is not required.

13. If you are upgrading BSP 6.1 or 8.0.0 to 8.0.1 or 8.0.2, then remove the redundant members, under existing rollup in RateElement and Assumptions. In BSP 8.0.1, the interest rate codes are suffixed with "_IRC".

14. To create a new application, refer to Oracle Financial Services Balance Sheet Planning Installation and Configuration Guide PS4 Release 8.0.0.0.0.

15. For distributed environment setup, refer to *Distributed Environment Setup* section.

Appendix A - Distributed Environment Setup

Perform the below steps when Hyperion Planning is installed in a distributed environment, that is, the Hyperion components, Planning and ESSBASE are installed on separate servers.

Note:
- Hyperion ESSBASE should not be installed on Windows
- Hyperion ESSBASE and Hyperion Shared Services must be installed on the same UNIX Server
- The OS/Version of the server where Planning is installed must be the same as the OS/Version of the server where ESSBASE is installed.
- Steps mentioned below should be repeated after every
  I. Initialization/re-initialization of Hyperion Planning generic application(s) created for Balance Sheet Planning using "Administration→ Application → Manage Application".
  II. Update of Configuration settings for Balance Sheet Planning using "Master Maintenance→Assumption Forms→Configuration".

Perform the following steps in the given sequence.
1) Ensure that tnsnames.ora on the ESSBASE server is configured with the same name as on the Planning server.
2) Save the Configuration Parameters in Planning; while saving the configuration, make sure that LCMDIRPATH is the LCM export path as on the ESSBASE server.
3) $MIDDLEWARE_HOME/user_projects/epmsystem1 is the default Planning instance path for default installation.

   In case, if planning is installed in a different path, then modify the environment variable "EPM_ORACLE_INSTANCE" in   the below files.

   $EPM_ORACLE_HOME/products/Planning/bin/bsp_user_profile.sh

   $EPM_ORACLE_HOME/bsp/BSP_RunOnPlanning.sh

   $EPM_ORACLE_HOME/bsp/BSP_RunOnEssbase.sh.

   Also, replace the occurrences of "epmsytem1" in the above files with the directory where planning is installed.
4) Give execute permission to "BSP_RunOnPlanning.sh" under **$EPM_ORACLE_HOME/bsp** directory on the Planning server and run the script without passing any parameters. The script will create a gzip archive "bsp.tar.gz" in the same folder.
5) Copy "BSP_RunOnEssbase.sh" and "bsp.tar.gz" from **$EPM_ORACLE_HOME/bsp** to **$EPM_ORACLE_HOME** in ESSBASE server.
6) Give execute permission to "BSP_RunOnEssbase.sh" and run the script without passing any parameters.
7) On the ESSBASE server, modify bsp_user_profile.sh present under **$EPM_ORACLE_HOME/products/Planning/bin**, and set the ORACLE_HOME as appropriate.

Appendix B - Steps to integrate BSP with OFSAAI

1. Login to https://support.oracle.com/ and search for 23009373 under the *Patches & Updates* tab. Download the BSP ERWIN Model and perform the following customizations in ERWIN, as applicable

    a. Merge this model with the ERWIN model of other applications installed on OFSAAI
    b. If CUSTOM1 option was selected in Pre-requisite step #3, modify to merged model to add a column called CUSTOM1 in the following super-type objects
        i.   BSP_LEAF_COLUMNS
        ii. LEDGER_LEAF_COLUMNS
             Note: While adding the column, set the UDPs to the same values as that of the STRATEGY_ID column
    c. If CUSTOM2 option was selected in Pre-requisite step #3, modify to merged model to add two columns called CUSTOM1 and CUSTOM2 in the following super-type objects
        i.   BSP_LEAF_COLUMNS
        ii. LEDGER_LEAF_COLUMNS
             Note: While adding the columns, set the UDPs to the same values as that of the STRATEGY_ID column
    d. Perform an incremental model-upload of this model in OFSAAI, into the required information domain.
2. Execute one of the below mentioned .sql script against OFSAA Atomic Schema from path **$EPM_ORACLE_HOME/products/Planning/config/bspsql** as per opted data model type in Pre-requisite step #3.
    a. execcbspdm_std_integrate_to_ofsaai.sql - if BSP initialization is STANDARD
    b. execcbspdm_custom1_integrate_to_ofsaai.sql - if BSP initialization is CUSTOM 1
    c. execcbspdm_custom2_integrate_to_ofsaai.sql - if BSP initialization is CUSTOM 2

    Ignore the following errors:
    ORA-01430: column being added already exists in table
    ORA-00955: name is already used by an existing object
    ORA-02260: table can have only one primary key
    ORA-00903: invalid table name
    ORA-00001: unique constraint
    (ALMCUST80ATM.PK_REV_TABLE_CLASS_ASSIGNMENT)
    ORA-02303: cannot drop or replace a type with type or table dependents
    ORA-02275: such a referential constraint already exists in the table
    ORA-00911: invalid character
    ORA-00942: table or view does not exist for tables LS_LOAD_TABLE_GTT_V and STG_GL_DATA_V

    Note: These scripts will prompt you for the configuration schema name. Specify the name of the configuration-schema followed by a "dot"; for example: CONFIGUSER. Also, enter the infodom name.

    Press "Enter" key without giving any value for any prompts other than configuration schema and Infodom name.

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3. Login to Planning, launch the BSP Configuration UI and change the database username/password/Tablespace values to that of the OFSAA's atomic schema. Click **Save** and confirm that the settings have been saved successfully.

4. If setup has any other EPM applications, then edit the config.xml under path: $MIDDLEWARE_HOME/user_projects/epmsystem1/Planning/planning1, epmsystem1 is the default Planning Instance path on default installation.

   Examples:
   <PARAM DESCRIPTION="Compatible Applications Count" FLAG="N"
   ID="COMPATIBLE_APPSCOUNT">0</PARAM>
   Description: here assumes BSP application is standalone

   <PARAM DESCRIPTION="Compatible Applications Count" FLAG="N"
   ID="COMPATIBLE_APPSCOUNT">1</PARAM>
   <PARAM DESCRIPTION="Compatible Applications" FLAG="N"
   ID="COMPATIBLE_APP1">ALM</PARAM>

   <PARAM DESCRIPTION="Compatible Applications Count" FLAG="N"
   ID="COMPATIBLE_APPSCOUNT">2</PARAM>
   <PARAM DESCRIPTION="Compatible Applications" FLAG="N"
   ID="COMPATIBLE_APP1">ALM</PARAM>
   <PARAM DESCRIPTION="Compatible Applications" FLAG="N"
   ID="COMPATIBLE_APP2">PFT</PARAM>

5. If any OFSAA application (such as, ALM, PFT, FTP etc.) has been installed after BSP installation, then execute **bsp_update_forexistingapps.sql** script under path "$EPM_ORACLE_HOME/products/Planning/config/bspsql/insert" on Planning server against OFSAA atomic schema."

6. In OFSAA, create a new segment called BSP and map this segment to the required OFSAA users. This folder will be the container for sharing rules/assumptions between ALM/FTP and BSP.

7. If the default-product dimension in OFSAA is PRODUCT_ID, execute the script **bsp_preference_product_id.sql** from path **$EPM_ORACLE_HOME/products/Planning/config/bspsql/insert** in the atomic schema.

8. The sliced model upload of BSP will introduce one or more additional leaf dimensions into the data model. To reflect these additional dimensions in the respective applications, perform the following steps
   a. **For OFS ALM:** On the OFSAA Atomic schema, drop all tables with the name RES_DTL_XXXXX / CONS_DTL_XXXX – re-execute the relevant ALM Processes to regenerate the tables.
   b. **For OFS PFT:** In the OFSAA Information Domain, open and resave all the OFS-PFT allocation rules so that the new leaf-dimensions are referenced properly

9. Edit $EPM_ORACLE_HOME/products/Planning/bin/bsp_user_profile.sh to specify the correct path for ORACLE_HOME.

10. Restart all the Hyperion services.

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