

**ORACLE®**

Financial Services

# Balance Sheet Planning

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Release **8.0.6.0.0**

*May 2018*



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## Document Versioning

Version	Date	Change Reference
01	May 15, 2018	Created: Draft published
02	May 22, 2018	Released: Final version

## Preface

This Preface provides supporting information for the Oracle Financial Services Balance Sheet Planning Release Notes and includes the following topics:

- ◆ [Overview of OFSAA](#)
- ◆ [Purpose of This Document](#)
- ◆ [Intended Audience](#)
- ◆ [Documentation Accessibility](#)
- ◆ [Related Documents](#)

## Overview of OFSAA

This application streamlines analysis using a set of tools for data management and security administration and creates a single, consistent, enterprise-wide source of all relevant customer and financial data. In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value.

Oracle Financial Services Analytical Application (OFSAA) enables financial institutions to measure and meet risk adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior. OFSAA uses industry-leading analytical methods, shared data model and Application architecture to enable integrated risk management, performance management, customer insight, and compliance management.

OFSAA actively incorporates risk into decision making, enables to achieve a consistent view of performance, promote a transparent risk management culture, and provide pervasive intelligence. OFSAA delivers a comprehensive, integrated suite of financial services analytical Application for both banking and insurance domain.

## Purpose of this Document

This document contains release information for the Balance Sheet Planning Application.

## Intended Audience

This document is intended for users of Oracle Financial Balance Sheet Planning 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>.

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## Related Documents

This section identifies additional documents related to Oracle Financial Services Balance Sheet Planning Application 8.0.6.0.0. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- ◆ [\*Oracle Financial Services Balance Sheet Planning Application Pack Installation Guide 8.0.6.0.0 on Hyperion 11.1.2.4\*](#)
- ◆ [\*Oracle Financial Services Balance Sheet Planning User Guide 8.0.5.0.0\*](#)
- ◆ [\*Oracle Financial Services Analytical Applications Technology Matrix\*](#)

## Introduction to Oracle Financial Services Balance Sheet Planning Application

The Oracle Financial Services Balance Sheet Planning application is a packaged web-based application built on top of Hyperion Planning and Essbase. It is designed to enable financial institutions to budget or forecast a full balance sheet and associated interest income and interest expense. The provision of balance sheet and net interest margin planning capability, when combined with existing Hyperion Planning functionality for fee and expense planning and process management, results in a complete and comprehensive planning solution for financial institutions. The high level features of Balance Sheet Planning include:

- ◆ Calculation of future projected cash flows for balance sheet products, including output of comprehensive balance, interest income/expense and interest rate data elements
- ◆ Output of cash flow data for the current book of business separate from future new business volume cash flows, with aggregation to total balance sheet account level
- ◆ Provision of broad balance sheet product support
- ◆ Creation of budgets or forecasts in denominated and/or functional currencies
- ◆ Provision of data entry/driver calculation tools to assist users with driver data generation
- ◆ Employment of market interest rate based pricing, where new add volumes and repricing balances are priced at spreads to market interest rate indices.
- ◆ Provision of funds transfer pricing capabilities, integrating with and leveraging the existing Oracle Financial Services Funds Transfer Pricing engine. This functionality includes a full set of cash flow and non-cash flow based Transfer Pricing methodologies, as well as the ability to generate transfer pricing adjustments such as liquidity premiums, pricing incentives and other adjustments
- ◆ Provision of two-way integration with the Oracle Financial Services Asset Liability Management application.

## Oracle Financial Services Balance Sheet Planning

This chapter includes the following topics:

- ◆ [New Features](#)
- ◆ [How to Apply this Maintenance Release?](#)
- ◆ [Rolling Back this Patch](#)
- ◆ [Bugs Fixed in This Release](#)
- ◆ [Known Issues / Limitations in This Release](#)

### New Features

There are no new features in this release.

### Prerequisites

1. BSP 8.0.2 installed over Hyperion 11.1.2.4 (Opatch ID: **27799067**) for new/ fresh BSP installation and environment creation.
2. Customer can upgrade any of the below existing BSP application to 8.0.6.0.0 by applying this patch. Also Customer should be able to create fresh BSP application after moving to 8.0.6.0.0 from any of the below BSP versions:
  - ◆ 8.0.2.0.1
  - ◆ 8.0.2.0.2
  - ◆ 8.0.2.0.3
  - ◆ 8.0.2.0.4
  - ◆ 8.0.2.0.5
  - ◆ 8.0.2.0.6
  - ◆ 8.0.2.0.7
  - ◆ 8.0.2.0.8
  - ◆ 8.0.2.0.9
  - ◆ 8.0.2.1.0
  - ◆ 8.0.2.1.1
  - ◆ 8.0.2.1.2
  - ◆ 8.0.2.1.3
  - ◆ 8.0.5.0.0

◆ 8.0.5.0.1

3. If customer is having existing BSP Application on 8.0.2.0.0, then he has to first upgrade the application to 8.0.2.0.1 successfully and then can apply 8.0.6.0.0 patch to upgrade the application to 8.0.6.0.0.

## How to Apply this Maintenance Release?

1. Stop all of the EPM services running on the Planning server where this patch is being applied, including the Planning server, RMI services, and Financial Reports.
2. Download the respective OS installer (p27799067\_Linux.zip, p27799067\_Solaris.zip, p27799067\_Aix.zip).
3. Copy the downloaded installer to any preferred location on Hyperion Planning server and provide necessary (write and execute) privileges.
  - a. Ensure that the logged in unix user has “write” privileges on the Hyperion Planning folder structure.
  - b. Check the following environment variables have been set properly before invocation:

JAVA\_HOME, ORACLE\_HOME, EPM\_ORACLE\_HOME

**Note:** As BSP806 installer supports java 7 only, JAVA\_HOME has to be set to the path where java7 is installed. Post installation, change the JAVA\_HOME path to Java 1.6 that is deployed within the Hyperion install folder (\$MIDDLEWARE\_HOME/jdk160\_35).

- c. Installer supports both GUI and Silent invocations.
4. Take the backup of folder \$EPM\_ORACLE\_HOME/bsp and \$EPM\_ORACLE\_HOME/products/Planning. This is required for rollback process if needed.
  5. Go to the installer folder through command line and execute any of the below command as per choice.

For Silent Mode invocation, execute the below command,

```
./setup.sh SILENT
```

For GUI Mode invocation, execute the below command through Xmanager, Hummingbird or Cygwin etc, which supports the GUI invocation.

```
./setup.sh GUI
```

6. Provide the required value against the prompted options and proceed.  
If the prompt with the message ‘Overwrite Existing file?’ appears, click ‘Yes’ / ‘Yes to All’ to proceed.
7. Upon completions of the above task installation log “BSP\_Installation\_debug.log” will get generated in the path inside the installer logs folder.



8. Go to path `$EPM_ORACLE_HOME/bsp` and provide execute permission to shell scripts `bsp_webdeploy.sh` and `finalize_bsp_install.sh`  
  
Run the shell scripts available under path `$EPM_ORACLE_HOME/bsp` and in the below mentioned order:
  - a. `bsp_webdeploy.sh`
  - b. `finalize_bsp_install.sh`
9. Deploy the `HyperionPlanning.ear` file generated under directory `$EPM_ORACLE_HOME/bsp/ear_to_deploy` to the Planning server as described in Oracle Hyperion Enterprise Performance Management System Installation and Configuration Guide through Weblogic console.
10. In case of a distributed setup, please execute `BSP_RunOnPlanning.sh` and `BSP_RunOnEssbase.sh` as per instructions given in document "Oracle Financial Services Balance Sheet Planning Installation and Configuration Guide 8.0.6.0.0".
11. Check the path for `ORACLE_HOME` and `EPM_ORACLE_INSTANCE` in file `$EPM_ORACLE_HOME/products/Planning/bin/bsp_user_profile.sh` both on Planning and Essbase server.
12. Follow the steps mentioned below to upgrade an already initialized BSP application:
  - a. Make a copy of the file `$EPM_ORACLE_HOME/products/Planning/lib/bspudf.jar` with the name `bspudf.cdf.jar`.
  - b. Replace the existing `bspudf.cdf.jar` on Essbase server under path `$MIDDLEWARE_HOME/user_projects/epmsystem1/EssbaseServer/essbaseserver1/app/<application_name>/` with the `bspudf.cdf.jar` created as per above step.
13. Restart all the services on the Planning server that were stopped in Step 1, including the Planning server, RMI services, and Financial Reports services.  
  
**Note:** Follow the below additional steps (10-17) if the existing BSP application version is 8.0.2.0.1/ 8.0.2.0.2/ 8.0.2.0.3/ 8.0.2.0.4/ 8.0.2.0.5/ 8.0.2.0.6/ 8.0.2.0.7/ 8.0.2.0.8/ 8.0.2.0.9/ 8.0.2.1.0/8.0.2.1.1/8.0.2.1.2/8.0.2.1.3/8.0.5.0.0/8.0.5.0.1.
14. Keep a backup copy of existing `config.xml` present under path `$MIDDLEWARE_HOME/user_projects/epmsystem1/Planning/planning1` on Planning server.
  - a. **BSP Standalone Application:** Below scripts need to be executed against BSP Initialized database schema (FSDM schema) for existing standalone application. Follow the below steps as per provided order.
    - i. On Planning server , go to path `$EPM_ORACLE_HOME/products/Planning/config/bspsql`
    - ii. Execute "set define off" before executing below sql.

- iii. If the existing BSP application version is 8.0.2.x.x:
  - a) Execute BSP\_805UpgradeScript.sql using command  
@BSP\_805UpgradeScript.sql
  - b) Execute BSP\_806UpgradeScript.sql using command  
@BSP\_806UpgradeScript.sql
- iv. If the existing BSP application version is 8.0.5.x.x:
  - a) Execute BSP\_806UpgradeScript.sql using command  
@BSP\_806UpgradeScript.sql

**b. BSP Application integrated with ALM:**

- i. Refer ALM Guide to upgrade to ALM 8.0.6.0.0 (follow instructions to take care of any additional dimensions/columns etc. present in atomic schema).

15. In order to upgrade the BSP application, please follow the below instructions:

- a. Login to Hyperion workspace and go to following path.
- b. Navigate-> Applications->Planning-> Select the application name (which needs to be upgraded).
- c. Navigate to Administration-> Application --> Manage Application->Select the Application Name.
- d. Proceed for BSP Initialization for the selected application through Actions -> Initialization -> Initialize BSP. Click Initialize.

16. Now, navigate to BSP specific Initialization UI, where the details to be captured will be displayed.

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

17. On successful completion of Upgrade, a pop-up with success message is displayed.

User can check the bsp specific logs on server under path  
\$EPM\_ORACLE\_HOME/logs/bsplog/bsplog.log.

18. On successful completion of upgrade, resave the details in Configuration UI available under Assumption forms.

19. On successful completion of Upgrade, navigate to 'CFE Preferences' form and click on "Save" button. This step is mandatory because it will regenerate the following views for fiscal adjustment (Bug 22849416):

- a. VW\_FCAST\_IRCS
- b. VW\_FCAST\_XRATES
- c. VW\_FCAST\_EI

20. Repeat Steps 10 and 11 in case of a distributed setup.

## Rolling Back this Patch

Follow the below instructions to roll back this patch:

1. Stop all of the EPM services running on the Planning server where this patch is being applied, including the Planning server, RMI services, and Financial Reports.
2. Replace the bsp folder in the location \$EPM\_ORACLE\_HOME and Planning folder in the location \$EPM\_ORACLE\_HOME /products that is backed up at step 4.
3. 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
4. Run the shell scripts available under path \$EPM\_ORACLE\_HOME/bsp and in the below mentioned order,
  - a. bsp\_webdeploy.sh
  - b. bsp\_cfebinary\_deploy.sh
  - c. finalize\_bsp\_install.sh
5. Deploy the HyperionPlanning.ear file generated under directory \$EPM\_ORACLE\_HOME/bsp/ear\_to\_deploy to the Planning server as described in Oracle Hyperion Enterprise Performance Management System Installation and Configuration Guide through Weblogic console.
6. Restart all the services on the Planning server that were stopped in Step 1, including the Planning server, RMI services, and Financial Reports services.

## Bugs Fixed in This Release

The Fixed, Enhanced, or Modified bugs as part of OFS Balance Sheet Planning application are as follows:

Component	Sub Component	Bug Number	Subject
Calculation Engine	-	27977218	PREPAYMENT SCENARIO INTERFACE PRODUCES UNEXPECTED RESULTS IN BSP VERSION 80600.
	Engine Other	27799494	CASH FLOW EDIT EXECUTION
Installation	-	27872411	CANNOT UPGRADE APPLICATION AFTER APPLYING PATCH - FIREFOX COMPATIBILITY ISSUE
Custom Forms	-	27799460	ERROR MESSAGE ON ENTERING NUMBERS IN PERCENTAGE IN 'RATE VALUES'
	-	27799256	SLOW PERFORMANCE DURING COMPLETE CALC DUE TO INSERT INTO FSI_M_PRICING_MARGIN

Component	Sub Component	Bug Number	Subject
	-	27799236	BSP PROCESS HANGS WHEN RUNNING CURRENT BUSINESS FOR HIGHER HIERARCHY LEVELS
Business Rules	-	27799435	MISSING BUSINESS RULE FOR FRENCH-CANADIAN APPLICATION
	Other Business Rules	27799164	ESSBASE COULD NOT GET A LOCK IN THE SPECIFIED TIME' FOR BSP_MM_DATAEXPORT1

### Known Issues/ Limitations in This Release

There are no known issues or limitations in this release.



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