

Enterprise-wide Planning, Budgeting and Forecasting: The Cloud Option

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Presented By

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Agenda



- AST Overview
- Cloud Overview
- What's in PBCS?
- PBCS Key Benefits & Differences
- Process for:
 - Patching and Upgrading
 - Backup , Restore & Cloning
- New Implementation & Migration Process
- Production Support
- Questions



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- Oracle University Reseller
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- Small Business Strategy Council

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- EBS Financial Management
- EBS Human Capital Management
- EBS Supply Chain Management
- BI Applications
- BI Foundation
- Service Oriented Architecture
- Application Development Framework 11g
- Hyperion Planning 11
- Database 11g
- Public Sector

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What is Cloud Computing?



“Buying IT capacity and applications **as needed** from a **utility service** provider”

- Forrester

“A style of computing where massively scalable IT-Related capabilities are provided **as-a-service** across the internet to multiple external customers”

- Gartner

Options with Cloud

Deployment Model

Service Delivered

Operating Model



Private



Applications
(SaaS)



Customer Owns
Customer Operates



Public



Platform
(PaaS)



Customer Owns
Provider Operates



Hybrid



Infrastructure
(IaaS)



Provider Owns
Provider Operates

SaaS Trade-offs

- Operational expense
- Limited infrastructure overhead
- Lower short term TCO
- Faster implementation
- Potential for increased innovation
- Frequent Automatic Upgrades



- Security and compliance concerns
- Longer term TCO uncertain
- Integration with other systems
- Frequent Automatic Upgrades

What is in PBCS? (1/2)



For PBCS R13.2

- Core Hyperion Planning R11.1.2.3, Available as a cloud service
- Smart View and FR for reporting and analysis
- Enhancements to application creation wizard, Calculation Manager
- Data integration on the cloud and through well-defined file interfaces Includes version 11.1.2.3.000 of FDMEE.
- Calculation Manager with some EAS functionalities.
- Subscription pricing based on \$\$\$/user/month model

What is in PBCS? (2/2)

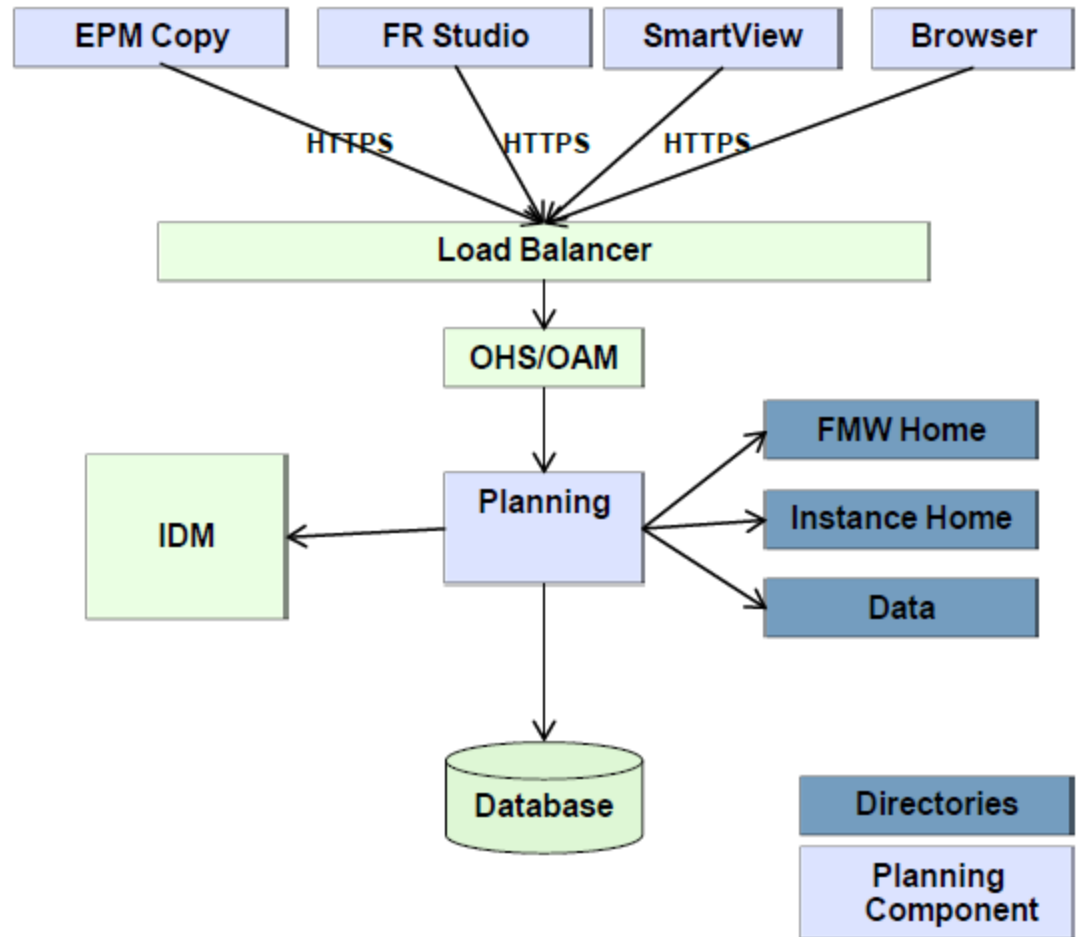


- Suggested implementation approach
 - Start with a focused scope
 - Expand scope incrementally based on user needs
 - Implementation services from Hyperion resources in Oracle Consulting and partner network.
 - Goal is ~4-8 week deployments
- General availability since 2HCY2013



Deployment Model

- Each Planning Service deployment serves a single tenant
- OPC Services are shared between tenants



Security Configuration



- All users are in IDM and are managed via IDM Console.
- Customers can also create Native groups inside PBCS.
- Provisioning is done automatically based on roles in IDM.
 - Security UI in shared services is customized to only show what is needed for PBCS.

Target Customers



EPM Install Base Customers

- New applications
- Develop and deploy in the cloud
- Develop in the cloud, Deploy on-premise
- Move existing apps to the Cloud

New Customers

- Currently using Excel for Financial Planning
- Positive SaaS experience in other enterprise areas
- Large as well as mid-size businesses
- Fusion ERP Cloud Service customers

PBCS Key Benefits



Cost & Time	Implementation
<ul style="list-style-type: none">▪ Software licensing & annual support▪ Hardware/infrastructure▪ System patches and upgrades	<ul style="list-style-type: none">▪ Adoption is easy▪ Get the latest and greatest features▪ Elastic: grows with the business▪ Accelerates time to value by focusing on the application not infrastructure▪ IT won't mind

Function & Feature comparison (1/3)



Product Components	Hyperion Planning	PBCS
Access Control	<ul style="list-style-type: none"> ▪ Hyperion Shared Services ▪ Native Directory used for provisioning information and to support artifact migration 	<ul style="list-style-type: none"> ▪ Oracle Cloud Identity Management ▪ Native Directory used to support artifact migration and group-based access control to artifacts
User Directory Configuration and Management	<ul style="list-style-type: none"> ▪ Functional users are permitted to manage user directories 	<ul style="list-style-type: none"> ▪ Each PBCS instance is supported using an identity domain (a slice of Oracle Cloud Identity Management) ▪ Does not support the configuration of additional external user directories ▪ Only the Identity Domain Administrator can manage the identity domain for the service.
Delegated User Management	<ul style="list-style-type: none"> ▪ Supports delegated user management, which enables the creation of a hierarchy of administrators 	<ul style="list-style-type: none"> ▪ Does not support delegated user management

Function & Feature comparison (2/3)



Product Components	Hyperion Planning	PBCS
Financial Reporting	<ul style="list-style-type: none"> Uses Java Monitoring and Management Console (JConsole), which is available to Financial Reporting Administrators, to define and manage Financial Reporting properties 	<ul style="list-style-type: none"> Does not permit changing Oracle Hyperion Financial Reporting properties using JConsole Users are not allowed to output book to static HTML websites
EPM Architect (EPMA)	<ul style="list-style-type: none"> Can be used for Planning 	<ul style="list-style-type: none"> PBCS does not use EPMA
Financial Data Management Enterprise Edition (FDMEE)	<ul style="list-style-type: none"> Drill back capability available through adapters 	<ul style="list-style-type: none"> Drill back capability available to all sources supported by FDM through flat files using the Data Management features within PBCS

Function & Feature comparison (3/3)



Product Components	Hyperion Planning	PBCS
Data Relationship Management	<ul style="list-style-type: none"> Supported through flat files and EPMA 	<ul style="list-style-type: none"> Supported through flat files and automation to PBCS
Essbase ASO	<ul style="list-style-type: none"> ASO is part of Hyperion Planning and needs to be separately licensed 	<ul style="list-style-type: none"> ASO is part of PBCS application and included in the pricing
Reporting	<ul style="list-style-type: none"> Financial Reports is part of Hyperion Planning license 	<ul style="list-style-type: none"> Financial Reports is part of PBCS subscription
Smart View	<ul style="list-style-type: none"> Smart View for Office is part of Hyperion Planning license 	<ul style="list-style-type: none"> Smart View for Office is included in PBCS subscription
Other	<ul style="list-style-type: none"> Oracle Data Integration, flat files, and Excel extracts 	<ul style="list-style-type: none"> Flat files, and Excel extracts

Patching and Upgrading (1/3)



- Patches can include any software change as long as it is not requiring the customer to do any level of training on their side and customers can finish their workflows the same manner they did before the patch was applied.
 - For example, new options can be added to menu items in a patch but menu items cannot be renamed, removed or moved to a different location on the screen.

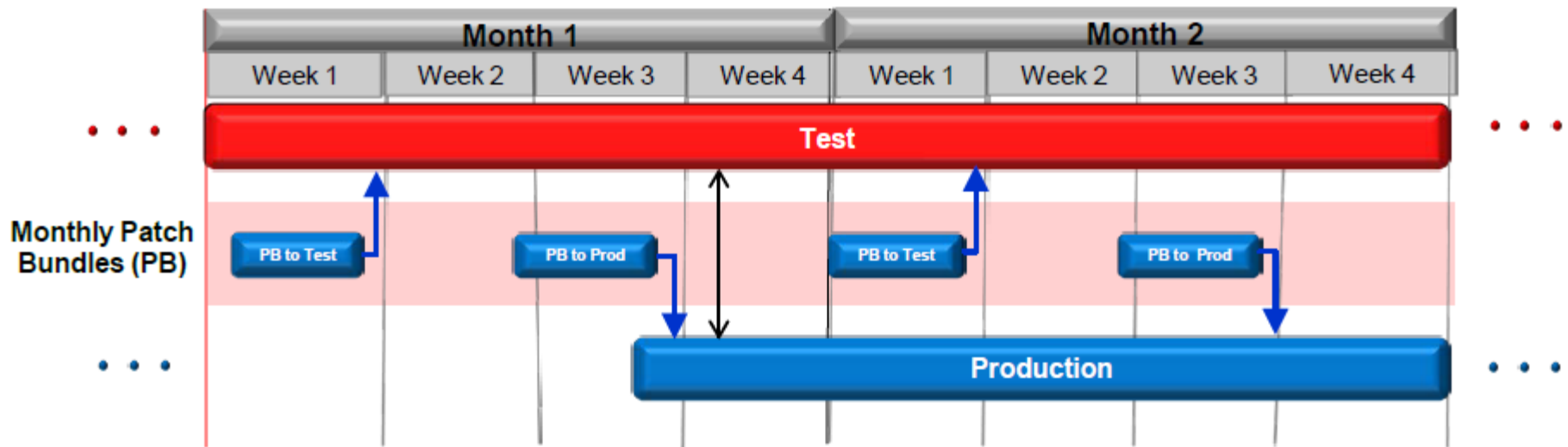
Patching and Upgrading (2/2)

Patching

- Patch Bundles are staged monthly: 1st Friday
- Patch Bundles are applied based on customer-defined cadence either on 1st Friday or 3rd Friday
- Recommendation for customers: Setup for 1st Friday for test environment and 3rd Friday for production environment

Upgrading

- Availability of new version announced in Cloud portal
- Scheduled by Customer and Oracle
- Upgrades planned : 3 times / year



Backing Up Application Artifacts (1/2)



This procedure does not include Planning Essbase data in the snapshot. Essbase data is backed up during the maintenance window defined by the Service Administrator.

- Navigate to Application Management -> Application Groups.
- Expand Foundation -> Shared Services -> Native Directory. Select Groups.
- Expand FDM -> FDM Enterprise Edition -> Application Data -> Planning Applications. Select the Planning application to migrate.
- Expand Planning application -> Select All artifacts. Under Global Setup Artifacts, clear Essbase Data.
- Expand Foundation -> Calculation Manager -> Planning. Select All artifacts.
- Expand Reporting and Analysis -> Reporting and Analysis -> Repository Objects. Select: All Financial Reporting objects associated with the Planning application.

Backing Up Application Artifacts (1/2)



- Any third-party content; for example, documents and HTML files.
- AnnotationsInternalFolder—Select the annotations associated with Planning reports.
- HRInternalFolder—Expand HRInternal folder and do the following: Expand DataSources, and select the data sources associated with the Planning application.
- Expand HRScheduler, and select batch jobs associated with the Planning application.
- Expand UserPov, and select the User POV associated with the Planning application.
- Security
- Click Export

Restoring Application Artifacts



- Navigate to Application Management -> Application Snapshots
- Right-click the snapshot to restore, and then select Import.

Cloning : Prod to Prod/Test



Step 1: Export Oracle Planning and Budgeting Cloud
Service Artifacts

Step 2: Set Up the Target Environment

Step 3: Import Artifacts to the Target Environment

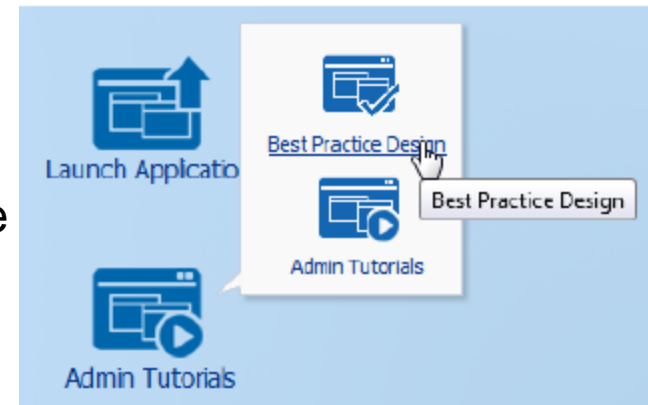
Step 4: Validate and Troubleshoot

Step 5: Export and Import data

Planning Design Best Practices



1. Requirements – Getting Started
 - a) Review business processes, company financial statements, key revenue and expense areas
 - b) Gather existing spreadsheets
 - c) Gather reporting requirements
 - d) Gather planning and forecast requirements
 - e) Plan data sources
2. Design – Planning Your Application
 - a) Establish the goals, key objectives, and scope
 - b) Design dimensions
 - c) Design calculations
 - d) Determine revenue and expense requirements and drivers
 - e) Determine the approval process
3. Putting it All Together – Application Wizard



Implementation Steps



Step 1: Create Application Structure

Step 2: Load Metadata

Step 3: Load Data

Step 4: Create Forms Folders and Forms, and Assign Access

Step 5: Set up Task Lists and Tasks, and Assign Access

Step 6: Create Reports

Step 7: Create Business Rules to Transform Data

Step 8: Create Documents

Step 9: Run Diagnostics

Step1: Create Application



- For PBCS, in Application Wizard
 - Can create only one Planning application
 - Do not specify plan types or name plan types
 - Do not create data sources linking the relational database and the Essbase server

- Use Plan Type Editor (same functionality as On-Premise)
 - Manage plan types: delete, rename, add
 - Add Aggregate Storage database to a Planning application
 - You are allowed up to three generic plan types total and one ASO database for each BSO database plus one additional ASO database for consolidation purposes.
 - For an ASO database type, you must specify an application name to contain the Essbase database since an ASO database must reside in its own application.

Step2: Load Meta Data



- Application Wizard: Either manually enter member names or set up Account, Entity, and custom dimension members by importing from metadata files
- Import and Export > Import Metadata from File: Import metadata or to perform incremental updates from the source system (if needed, create a new dimension on import)
- Import or update Planning dimensions using Smart View for Excel using the Planning Admin Extension utility

Table 5 Maximum Number of Dimension Members

Entity	Maximum Uploadable Members
Account dimension	5000
Entity dimension	25000
Versions dimension	30
Scenario dimension	30
Year dimension	20
Currency dimension	50
Period dimension	65
Custom dimension	50000

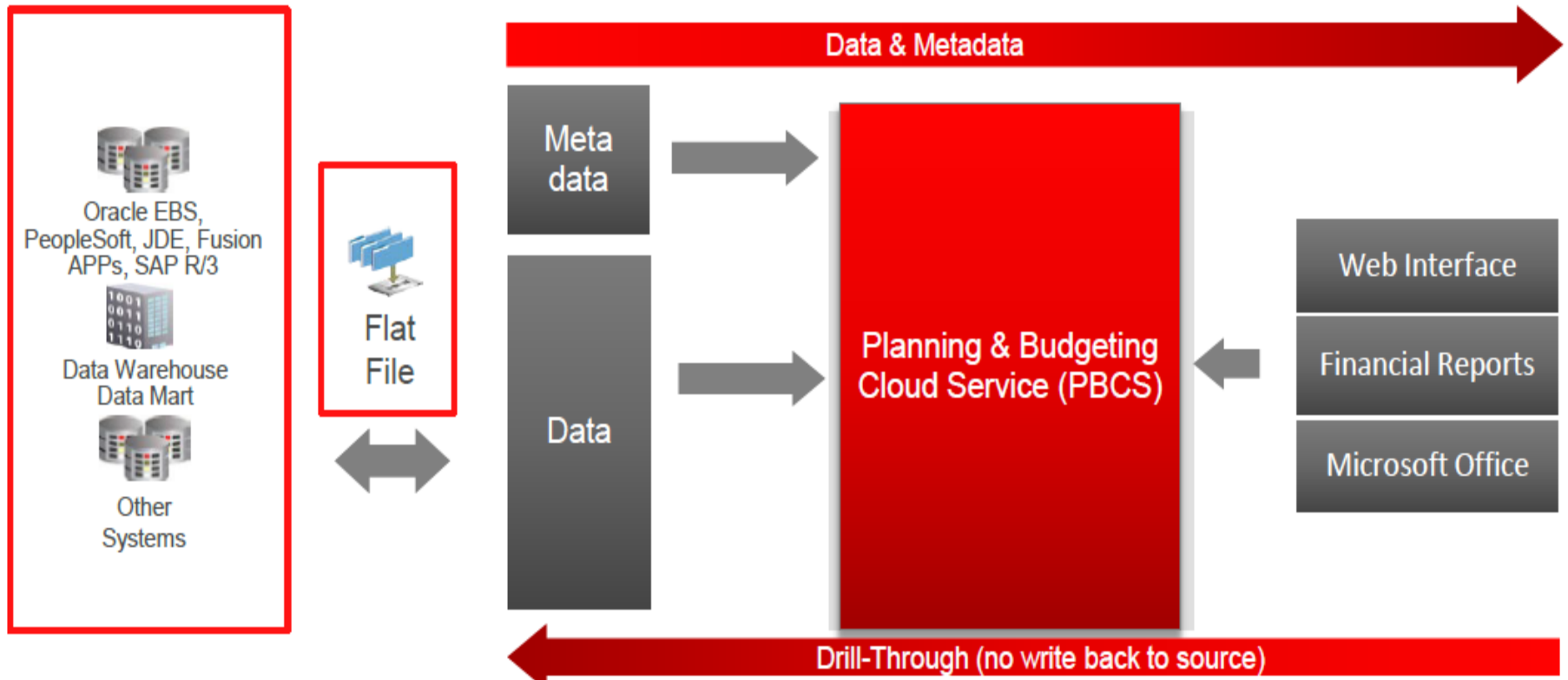
Step3: Load Data



Two data import file formats:

- Planning
 - Select the **Dimension** into which to load data, whose member fields correspond to the header record in the data file.
 - Specify **Driver Members** specified for the import dimension. If you leave this field empty and you specified import and driver members on the **Administration Data Load Settings** window, those settings are used for the import.
- Native Essbase These files can be formatted in either Cell list or Column list format. Cell list format specifies a single cell value for each record, whereas Column list format specifies multiple cell values for each record.

Integration with External Sources



Managing Integrations



For PBCS R13.2, Data Management support:

- Includes version 11.1.2.3.000 of FDMEE. This version of FDMEE does not have all of the features that the latest version of FDMEE includes (FDMEE 11.1.2.3.510).
- Only handles data; does not handle any metadata
- Supports only file-based source systems – process assumes the file has been loaded into PBCS prior to kicking off the load job
- Accepts only single period file formats
- Does not support data write-back
- Supports drill through from PBCS back to source

Migrating: On-Premise to the Cloud (1/5)



- General Prerequisites
 - Migrating from on-premises EPM System Release 11.1.2.1.x.
 - The user performing the import operation must have the Service Administrator role
 - Ensure that the application name in Oracle Planning and Budgeting Cloud Service is the same as the on-premises application name.
- Artifacts Not Supported
 - Shared Services custom roles
 - Enterprise Resource Planning Integrator/Oracle Hyperion Financial Data Quality Management/FDMEE artifacts
 - Reporting and Analysis Annotations and Batch Jobs (Note that ACLs defined for Financial Reports are lost during migration and must be defined manually in Oracle Planning and Budgeting Cloud Service.)
 - Oracle Essbase global substitution variables (If your application has global substitution variables, convert them into application-specific variables before migrating.)
 - Workspace Pages and Personal Pages

Migrating: On-Premise to the Cloud (2/5)



- Applications and Modules Not Supported
 - Horizontal planning modules such as Oracle Hyperion Workforce Planning, Oracle Hyperion Capital Asset Planning, and Oracle Hyperion Public Sector Planning and Budgeting
 - Oracle Hyperion EPM Architect-enabled Planning applications

Dimension Members

Ensure that the dimension members in the on-premises Planning application do not exceed the following limits:

- Account Dimension: 5,000 members
- Entity Dimension: 25,000 members
- Version Dimension: 30 members
- Scenario Dimension: 30 members
- Year Dimension: 20 members
- Currencies Dimension: 50 members
- Time Period Dimension: 65 members
- Custom Dimensions: 50,000 members

Other Considerations

- Report Mapping Artifacts and ASO Cubes
 - Report Mapping artifacts could have references to Essbase ASO cubes in your on-premises environment and may fail to import into PBCS. Oracle recommends that you not select them for migration. You can manually create an ASO cube in Planning, and then recreate report mappings.
- Business Rules
 - Security access is not migrated and must be manually defined in PBCS.
 - When defining security access, you may need to review and make modifications prior to migration:
 - Locations
 - Launch variables
 - Macros
 - Location for Sequence
 - Projects

Process Flow

Step 1: Migrate the Security Model

Step 2: Export Artifacts from the On-Premises Deployment

Step 3: Zip the Exported Artifacts and Upload the ZIP File to Planning and Budgeting Cloud Service Workspace

Step 4: Import Artifacts to the Oracle Planning and Budgeting Cloud Service Production Environment

Step 5: Validate and Troubleshoot

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ORACLE Cloud Support Dashboard Service Requests Knowledge Communities

Dashboard

My Service Requests

	Open	12
	Oracle Working	12
	Needs Attention	0

Service Type	Service Name	Open Requests	Create Service Request
Oracle Planning and Budgeting Cloud Service	revmantest usoraclesuppo67	12	

My Company's Service Requests

	Open	44
	Oracle Working	36
	Needs Attention	8

Service Type	Service Name	Open Requests	Create Service Request
Oracle Planning and Budgeting Cloud Service	revmantest usoraclesuppo67	16	
Oracle Planning and Budgeting Cloud Service	revmantest usoraclesuppo67	1	
Oracle Java Cloud Service		4	
Oracle Database Cloud Service - S5		3	
Oracle Taleo Analytics Cloud Service		1	
Oracle Taleo Learn Cloud Service		3	
Oracle Taleo Recruiting Cloud Service		12	

[Create Service Request](#)

Need an explanation of Support Policies? [Learn more...](#)

- Displays summary of user SRs
- Displays summary of company's SRs

Oracle Cloud Support – SRs



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ORACLE Cloud Support

Dashboard **Service Requests** Knowledge Communities

Service Requests

Service Type: Oracle Planning and Budgeting Clo Service Name: All Services Status: Open Last Updated: All Created by Me:

Problem Summary	SR Number	Severity	Service Type	Service Name	Status	State	Last Updated
How do I drill through from PBCS to EB	3-8053232284	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	3 mins ago
Test business rule is really slow	3-8053232256	2-Significant	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	Wednesday
Tools > Calc Manager doesn't out focus	3-8053232241	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Work In Progress	Wednesday
test sev 2	3-8053232304	2-Significant	Oracle Planning and Budge	revmantest usorack	Oracle Working	Close Requested	12 days ago
Would like ability to create a snapshot v	3-8056862452	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Close Requested	12 days ago
Error code column not exapndable in D	3-8059193381	2-Significant	Oracle Planning and Budge	revmantest usorack	Oracle Working	Work In Progress	17 days ago
Maintenance time 12 pm PT doesn't sa	3-8053273941	2-Significant	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	17 days ago
Unable to Lock / Unlock Service	3-8058205011	2-Significant	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	17 days ago
Connectivity issues with PMPBCS	3-8056861831	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	17 days ago
Test for submitting service outage	3-8056862466	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	19 days ago
How long is the daily maintenance wind	3-8056862438	3-Standard	Oracle Planning and Budge	revmantest usorack	Oracle Working	Review Update	19 days ago

Can't find your Service Request? [Click Here](#) for details.

Create Service Request

- Displays list of user SRs
- Filterable by Service Type, Service Name, Status, Updated Date
- Clicking SR Number opens a specific SR

Oracle Cloud Support – Manage SRs



Manage Service Request

Severity 2 **SR 3-8053273941 : Maintenance time 12 pm PT doesn't save properly**

[Add Update](#) [Add Attachment](#) [Close Service Request](#)

Problem Summary

Severity 2-Significant
Status Oracle Working
Opened 26 days ago
Last Updated 17 days ago
Escalation Status Never Escalated
Contact Haskel Weinberger

Service Type Oracle Planning and Budgeting Cloud Service
Service Name revmantest usoraclesuppo87442

Attachments

File Name	Size	Date Uploaded	Delete
Screenshots_for_E		17 days ago	

Update from Customer (17 days ago)
Upload to TDS successful for the file Screenshots_for_buq.docx.
Updated by HACKEY.WEINBERGER@ORACLE.COM

Update from Customer (17 days ago)
Wondering about the status? This is easy to repro and is a bug
Updated by HACKEY.WEINBERGER@ORACLE.COM

Update from Customer (20 days ago)
Please provide any updates via email not web. There's no option to change this once the issue is submitted. Thanks.
Updated by HACKEY.WEINBERGER@ORACLE.COM

Information (26 days ago)
Recent Searches: Last Searches (max 5) performed by user on My Oracle Support
=====

Recent KM Articles: Last Articles (max 5) viewed by user in My Oracle Support
=====

KM Articles: Top solutions (max 10) shown during the My Oracle Support SR create process
=====

None. The KM Solution step produced no articles matching the problem description.
Updated by HACKEY.WEINBERGER@ORACLE.COM

Customer Problem Description (26 days ago)
Customer Problem Description

Problem Summary
Maintenance time 12 pm PT doesn't save properly

Problem Description
Landing Page > Admin Tools > Maintenance time

- Used to review, update and close a specific SR

Oracle Cloud Support – Create SR



Create Service Request

Problem Description Add

• Problem Type **Select a Problem Type**

- Application Management
- Business Rules
- Data Management
- Financial Reporting Studio
- Hosting Services - Server Issue
- Hosting Services - Maintenance
- Other Planning and Reporting Issues
- Performance
- Predictive Planning
- Smart View for Office

• Description

- A Single Screen or Process
- Multiple Screens or Processes
- Site Wide

E-mail Address hackey

• Contact Method Web

• Severity 1 - 4

• Service Type Oracle Planning and Budgeting Cloud Service

• Service Name revmantest usoraclesuppo67442

• Problem Type **Select a Problem Type**

- Application Management
- Business Rules
- Data Management
- Financial Reporting Studio
- Hosting Services - Server Issue
- Hosting Services - Maintenance
- Other Planning and Reporting Issues
- Performance
- Predictive Planning
- Smart View for Office

• Description

- Password Reset
- Site Down / Outage
- System Availability Report

Primary Contact Haskel Weinberger

• Problem Type **Select a Problem Type**

- Application Management
- Business Rules
- Data Management
- Financial Reporting Studio
- Hosting Services - Server Issue
- Hosting Services - Maintenance
- Other Planning and Reporting Issues
- Performance
- Predictive Planning
- Smart View for Office

• Description

- Maintenance Schedule
- New Releases
- Patches
- Service Upgrade Validation

E-mail Address |

• Contact Method

• Severity

