

# Transfer Budgets from Oracle Planning and Budgeting Cloud to Oracle ERP Cloud for Budgetary Control

Oracle Planning and Budgeting Cloud – Release 11.1.2.3  
Oracle ERP Cloud – Release 9

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## Table of Contents

Introduction	1
Overview of the Budget Transfer Process	1
Register a Planning Application	2
Register a Control Budget	2
Register a Control Budget as a Source System	2
Register a Control Budget as a Target Application	4
Map the Dimensionality Between the Registered Systems	6
Map the Dimensionality Between the Registered Systems: Import Format	6
Map the Dimensionality Between the Registered Systems: Location	7
Map Dimension Members Between the Registered Systems	8
Year and Period Planning Application Dimensions	8
Map Between the Planning Application and Data Management	8
Map Between Data Management and the Control Budget	10
Scenario Planning Application Dimension	11
Control Budget Dimensions	12
Transfer the Budget	14
Select Data from the Planning Application to Transfer	14
Execute the Budget Transfer Process	16
Verify the Budget Transfer Results	17
Verify in Oracle Planning and Budgeting Cloud: Data Load Workbench	19
Verify in Oracle ERP Cloud: Process Status	20
Verify in Oracle ERP Cloud: Review Budget Balances	20



## Introduction

Budgets prepared in Oracle Planning and Budgeting Cloud can be transferred to control budgets in Oracle ERP Cloud. This paper describes how to use Data Management in Oracle Planning and Budgeting Cloud to transfer budgets prepared in a planning application to Oracle ERP Cloud for budgetary control validations.

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*For information on transferring budgets from Oracle Planning and Budgeting Cloud to Oracle Financials Cloud for financial reporting based on Oracle General Ledger data, see the [Oracle Financials Cloud and Planning and Budgeting Cloud white paper](#).*

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## Overview of the Budget Transfer Process

The budget transfer process from Oracle Planning and Budgeting Cloud to Oracle ERP Cloud for budgetary control validations consists of the following steps:

- » Register a Planning Application
- » Register a Control Budget
  - » Register a Control Budget as a Source System
  - » Register a Control Budget as a Target Application
- » Map the Dimensionality Between the Registered Systems
- » Map Dimension Members Between the Registered Systems
- » Transfer the Budget

Process Flow for Transferring Budgets from Oracle Planning and Budgeting Cloud to Oracle ERP Cloud for Budgetary Control

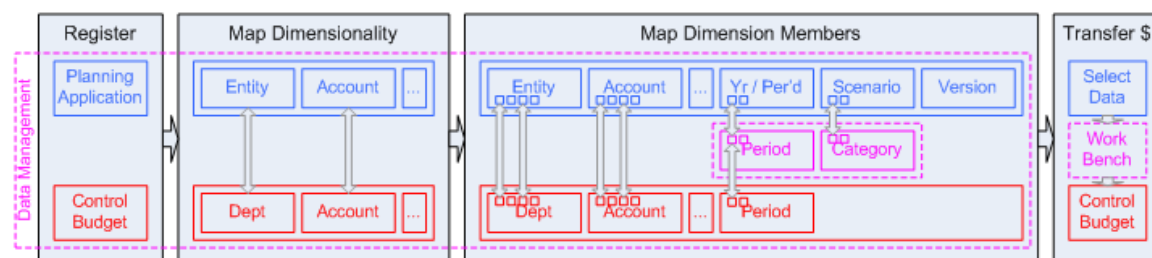


Figure 1. Overview of the Budget Transfer Process

Before transferring budgets, you must first prepare your budgets in a planning application in Oracle Planning and Budgeting Cloud and create control budgets in Oracle ERP Cloud.

# Register a Planning Application

When you create a planning application in Oracle Planning and Budgeting Cloud, the system automatically generates a registration in Data Management for integrating with other systems. No further action is required. The name of the generated registration is the same name as the planning application.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Target Application** task in the Setup tab to open the Target Application page.

Application Details

\*Name Vision Type Planning Deployment Mode Classic

Dimension Details

Application Options

View Add Delete Detach

Dimension Name	Create Drill Region	Target Dimension Class	Data Table Column Name	Sequence
Account	<input checked="" type="checkbox"/>	Account	ACCOUNT	
Entity	<input checked="" type="checkbox"/>	Entity	ENTITY	
Fund	<input type="checkbox"/>	Generic	UD2	
Period	<input checked="" type="checkbox"/>	Period		
Scenario	<input checked="" type="checkbox"/>	Scenario		
Version	<input checked="" type="checkbox"/>	Version	UD1	
Year	<input checked="" type="checkbox"/>	Year		

Figure 2. Register a Planning Application

# Register a Control Budget

This step consists of two interdependent registrations:

- » Register a Control Budget as a Source System
- » Register a Control Budget as a Target Application

## Register a Control Budget as a Source System

This registration captures the following:

- » Web service information to connect to Oracle ERP Cloud
- » Credential of the Oracle Applications Cloud user who is a budget manager for the target control budget

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Source System** task in the Setup tab to open the Source System page.



**FusionFinCloud-BC : Details**

Source System Name: FusionFinCloud-BC

\* Source System Type:

\* ODI Context Code: GLOBAL

Source System Description:

Drill Through URL:

**Configure Source Connection**

User Name:

Password:

Fusion Web Services URL:

Figure 3. Register a Control Budget as a Source System

#### REGISTERING A CONTROL BUDGET AS A SOURCE SYSTEM: FIELD DESCRIPTIONS

Field	Description
Source System Name	Enter a short name for the connection information to the control budget in Oracle ERP Cloud. » You can maintain only one registration even if you want to transfer budgets to multiple control budgets. For more information, see the <b>User Name</b> field. » Do not include a space or underscore.
Source System Description	(Optional) For example, <b>Oracle ERP Cloud – Budgetary Control</b> .
Source System Type	<b>File</b>
Drill Through URL	Blank
ODI Context Code	<b>GLOBAL</b>

#### Configure Source Connection

User Name	Provide the name of the Oracle Applications Cloud user who is a budget manager for the target control budget. » To transfer the budget in the planning application to multiple control budgets in Oracle ERP Cloud, it is recommended that you designate a single user with data access to all your control budgets. Designating a single user avoids registering multiple source systems and duplicating the downstream steps.
Password	Enter the password of the designated user.
Fusion Web Services URL	Replace the <i>server</i> fragment in the following URL with the server that represents your instance of Oracle ERP Cloud. For example: From: <a href="http://server/publicFinancialCommonErpIntegration/ErpIntegrationService?WSDL">http://server/publicFinancialCommonErpIntegration/ErpIntegrationService?WSDL</a> To: <a href="https://xxx-test.fin.xxx.oraclecloud.com/publicFinancialCommonErpIntegration/ErpIntegrationService?WSDL">https://xxx-test.fin.xxx.oraclecloud.com/publicFinancialCommonErpIntegration/ErpIntegrationService?WSDL</a> Change the <i>http</i> prefix to <i>https</i> if applicable. Your server fragment should contain <i>fin</i> instead of <i>fs</i> . For example, <i>xxx-test.fin.xxx.oraclecloud.com</i> rather than <i>xxx-test.fs.xxx.oraclecloud.com</i> .

## Register a Control Budget as a Target Application

This registration captures the budget data structure of the control budget in the Budgetary Control work area in Oracle ERP Cloud.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Target Application** task in the Setup tab to open the Target Application page.

**Application Details** Register a target application that represents the control budget

\* Name FusionFinCloud-BC\_HyperionPlan2\_XCC Type Custom Application Deployment Mode Not Applicable

**Dimension Details** Application Options

View Add Delete Detach

Dimension Name	Target Dimension Class	Data Table Column Name	Sequence
Source Budget Name	Account	ACCOUNT	
Fund	Generic	UD1	
Department	Generic	UD2	
Account	Generic	UD4	

**Edit Control Budget, Hyperion Plan 2**

\* Name Hyperion Plan 2 Description Vision City Cal Budget Calendar From Period Jan-14 To Period Dec-14 Source Hyperion Planning Budget Type Source Budget Name Hyperion Plan 2

**Control Budget Structure**

View Reorder Budget Segments

Budget Segment	Details
Funds	* To Period * Tree Version * Tree Label
Dept	
Account	

**Edit Key Flexfield Structure: Vision City**

Key Flexfield Code 100 Structure Code Vision City \* Name Vision City Description Vision City \* Delimiter - \* Enabled

**Segments**

Sequence Number	Name
1	Funds
2	Dept
3	Program
4	Account
5	Project
6	Location

Using the ledger of the control budget, identify: Chart of Accounts, then Flexfield Structure Instance, then Flexfield Structure

Figure 4. Register a Control Budget as a Target Application

## REGISTERING A CONTROL BUDGET AS A TARGET APPLICATION: FIELD DESCRIPTIONS

Field	Description
Name	<p>Enter the target application name, which consists of three components:</p> <p>&lt;Source System Name&gt;_&lt;A variant to differentiate control budget structures&gt;_XCC</p> <ul style="list-style-type: none"> <li>» The first component must be identical to the Source System Name from the previous step.</li> <li>» The second component must be named to represent a group of control budgets that share the same budget structure. <ul style="list-style-type: none"> <li>» To transfer to only one control budget, use the control budget name.</li> <li>» To transfer to multiple control budgets: <ul style="list-style-type: none"> <li>» In a simplistic model, you could register a separate target application for each control budget and name this component accordingly. However, this one-to-one modeling is not optimal.</li> <li>» It is recommended that you minimize the number of target applications to avoid duplicate downstream steps. Register one target application for all control budgets that share the same</li> </ul> </li> </ul> </li> </ul>

	<p>control budget structure, and name this component to represent the control budget structure.</p> <ul style="list-style-type: none"> <li>» Do not include a space or underscore within the second component.</li> <li>» The last component must be <b>XCC</b>.</li> <li>» Separate each component with an underscore (_).</li> </ul> <p>For example, assuming your Source System Name is <i>FusionFinCloud-BC</i>, valid target application names are:</p> <ul style="list-style-type: none"> <li>» <i>FusionFinCloud-BC_HyperionPlan2_XCC</i></li> <li>» <i>FusionFinCloud-BC_AnyControlBudgetByFundDeptAcct_XCC</i></li> </ul>
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Type	Custom Application
Deployment Type	Not Applicable (default value based on selecting <b>Custom Application</b> in the <b>Type</b> field)

### Dimension Details

Dimension Name	<p>Enter the following as dimensions:</p> <ul style="list-style-type: none"> <li>» Source budget name of the control budget <ul style="list-style-type: none"> <li>» Consider naming this dimension as <b>Source Budget Name</b> to be consistent with the corresponding field name in the control budget.</li> </ul> </li> <li>» Budget segments of the control budget <ul style="list-style-type: none"> <li>» Consider naming the budget segment using the same name as defined in the control budget.</li> <li>» To identify the list of budget segments, go to the <i>Edit Control Budget</i> page: <p><b>Navigation:</b> In Oracle Applications Cloud, select <b>Budgetary Control</b> from the Navigator menu. In the Budgetary Control work area, search for the <i>Manage Control Budgets</i> task, and click <b>Go to Task</b>. On the <i>Manage Control Budgets</i> page, search for your control budget, and click <b>Edit</b>.</p> </li> </ul> </li> </ul>
Target Dimension Class	<ul style="list-style-type: none"> <li>» For the Source Budget Name dimension, select <b>Account</b>.</li> <li>» For the budget segment dimensions, such as Fund or Account, select <b>Generic</b>.</li> </ul>
Data Table Column Name	<ul style="list-style-type: none"> <li>» For the Source Budget Name dimension, select <b>ACCOUNT</b>.</li> <li>» For the budget segment dimensions, such as Fund or Account, select <b>UD[n]</b>, where [n] represents the position of the budget segment in the chart of accounts of the ledger associated with the budget.</li> </ul> <p>For example:</p> <ul style="list-style-type: none"> <li>» If the Fund segment is the 1st budget segment in the control budget, and it is also the 1st segment in the chart of the accounts for the ledger, n = 1. Select <b>UD1</b>.</li> <li>» If the Account segment is the 3rd budget segment in the control budget, but it is the 4th segment in the chart of the accounts for the ledger, n = 4. Select <b>UD4</b>.</li> </ul> <p>To identify the position of the budget segment in the chart of accounts of the ledger associated with the control budget:</p> <ul style="list-style-type: none"> <li>» Go to the <i>Manage Primary Ledgers</i> page to identify the chart of accounts. <p><b>Navigation:</b> In Oracle Applications Cloud, select <b>Setup and Maintenance</b> from the Navigator menu. In the Setup and Maintenance work area, search for the <i>Manage Primary Ledgers</i> task, and click <b>Go to Task</b>. On the <i>Manage Primary Ledgers</i> page, search for the ledger associated with your control budget.</p> </li> <li>» Go to the <i>Manage Key Flexfield Structure Instances</i> page to identify the structure name of the chart of accounts. <p><b>Navigation:</b> In Oracle Applications Cloud, select <b>Setup and Maintenance</b> from the Navigator menu. In the Setup and Maintenance work area, search for the <i>Manage Chart of Accounts Structure Instances</i> task, and click <b>Go to Task</b>. On the <i>Manage Chart of Accounts Structure Instances</i> page, search for the Accounting Flexfield. Click the <b>Manage Structure Instances</b> button. On the <i>Manage Key Flexfield Structure Instances</i> page, search for the chart of accounts identified in the previous step.</p> </li> <li>» Go to the <i>Edit Key Flexfield Structure</i> page to identify the position of the segments in the flexfield structure: <p><b>Navigation:</b> In Oracle Applications Cloud, select <b>Setup and Maintenance</b> from the Navigator menu. In the Setup and Maintenance work area, search for the <i>Manage Chart of Accounts Structure Instances</i> task, and click <b>Go to Task</b>. On the <i>Manage Chart of Accounts Structure Instances</i> page, search for the Accounting Flexfield. Click the <b>Manage Structures</b> button. On the <i>Manage Key Flexfield Structures</i> page, search for and edit the structure name identified in the previous step.</p> </li> </ul>
Sequence	(Optional)



## Application Options

Enable export to file	Yes (default)
File Character Set	UTF-8 (default)
Column Delimiter	, (default)
File Name for Download	(Optional)

## Map the Dimensionality Between the Registered Systems

This step consists of two related setups:

- » Map the Dimensionality Between the Registered Systems: Import Format
- » Map the Dimensionality Between the Registered Systems: Location

### Map the Dimensionality Between the Registered Systems: Import Format

Pair the registered planning application and the registered control budget, and map the two corresponding sets of dimensions. This is captured as an import format.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Import Format** task in the Setup tab to open the Import Format page.

The screenshot displays the 'PBCS-Vision>FFC-BC: Details' page. The 'Name' is 'PBCS-Vision>FFC-BC', 'Source Type' is 'EPM', 'Source' is 'Vision', and 'Drill URL' is empty. The 'Description' is 'Mapping from PBCS-Vision to FFC-BC-HP2'. The 'Target Type' is 'EPM' and the 'Target' is 'FusionFinCloud-BC\_HyperionPlan2\_XCC'.

The 'Mappings' section shows a table with 'Source Column' and 'Expression' columns. The 'Source Column' column has a dropdown menu with 'Account', 'Amount', 'Entity', 'Fund', and 'Account' (selected). The 'Expression' column is empty. A 'Planning Application' dialog is open, showing 'Dimension Details' for 'Account', 'Entity', and 'Fund'. The 'Target' table on the right lists 'Account', 'Amount', 'Department', 'Fund', and 'Source Budget Name'.

Blue arrows indicate the mapping from the planning application dimensions to the target dimensions. A red box highlights the 'Dimensions of the Target Application that Represents the Control Budget'.

Figure 5. Map the Dimensionality Between the Registered Systems: Import Format

## MAPPING THE DIMENSIONALITY BETWEEN THE REGISTERED SYSTEMS: IMPORT FORMAT: FIELD DESCRIPTIONS

Field	Description
Name	Enter a short name to represent the pairing of the two registered systems.
Description	(Optional) For example, <b>Mapping PBCS-&lt;planning application&gt; to FFCS-BC-&lt;control budget name&gt;</b> .
Source Type	<b>EPM</b>
Source	Select the planning application registered in the <b>Register a Planning Application</b> step above.
Target Type	<b>EPM</b>
Target	Select the control budget registered in the <b>Register a Control Budget as a Target Application</b> step above.
Drill URL	Blank

### Mappings

Source Column	<p>Select the dimension from the planning application that corresponds to a dimension of the target application that represents the control budget:</p> <p>For example:</p> <ul style="list-style-type: none"> <li>» For the Department dimension in the target application, the corresponding dimension in the planning application may be Entity. If so, select <b>Entity</b>.</li> <li>» For the Amount dimension in the target application, select <b>Amount</b>.</li> </ul> <p>If there is no corresponding planning application dimension, leave the field blank, except:</p> <ul style="list-style-type: none"> <li>» For the Source Budget Name dimension in the target application, select <b>Account</b>.</li> </ul>
Expression	Blank
Target	The list of control budget target dimensions is automatically populated from the <b>Register a Control Budget as a Target Application</b> step above.

### Map the Dimensionality Between the Registered Systems: Location

Extend the mapped Import Format with additional attributes, such as budget currency, that are constant for your budget transfer. This is captured as a location.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Location task** in the Setup tab to open the Location page.

**PBCS-Vision>FFCS-BC : Details**

**Location Details** Integration Option

\* Name: PBCS-Vision>FFC-BC Description: Mapping from PBCS-Vision

\* Import Format: PBCS-Vision>FFC-BC Parent Location: [Search]

Source: Vision Target: FusionFinCloud-BC\_HyperionPlan2\_XCC

Accounting Entity: [Search] Data Value: [Search]

Functional Currency: USD Logic Account Group: [NONE]

Check Entity Group: [NONE] Check Rule Group: [NONE]

Figure 6. Map the Dimensionality between the Registered Systems: Location

## MAPPING THE DIMENSIONALITY BETWEEN THE REGISTERED SYSTEMS: LOCATION: FIELD DESCRIPTIONS

Field	Description
<b>Location Details</b>	
Name	Enter a short name to represent the pairing of the two registered systems.
Description	(Optional) For example, <i>Mapping PBCS-&lt;planning application&gt; to FFCS-BC-&lt;control budget name&gt;</i> .
Import Format	Enter the name of the Import Format created above.
Parent Location	Blank
Source	Accept the default value from the Import Format.
Target	Accept the default value from the Import Format.
Accounting Entity	Blank
Data Value	Blank
Functional Currency	Specify the budget currency of the control budget.
Logical Account Group	Blank (defaults to <b>[NONE]</b> )
Check Entity Group	Blank (defaults to <b>[NONE]</b> )
Check Rule Group	Blank (defaults to <b>[NONE]</b> )

The Integration Option tab is not applicable to this setup.

## Map Dimension Members Between the Registered Systems

Define mappings at the dimension member level. This is required for:

- » Year and Period Planning Application Dimensions
- » Scenario Planning Application Dimension
- » Control Budget Dimensions

### Year and Period Planning Application Dimensions

The mappings consist of two parts:

- » Map Between the Planning Application and Data Management
- » Map Between Data Management and the Control Budget

#### Map Between the Planning Application and Data Management

Create periods in Data Management within Oracle Planning and Budgeting Cloud and map them to the Year and Period dimension members in the planning application.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Period Mapping** task in the Setup tab. On the Period Mapping page, select the **Global Mapping** tab.

**Global Mapping** Application Mapping Source Mapping

View + Add × Delete ↔ Detach

**Create Periods in Data Management**

Period Key	Prior Period Key	Period Name
1/31/2014	12/31/2013	Jan-14
2/28/2014	1/31/2014	Feb-14
3/31/2014	2/28/2014	Mar-14
4/30/2014	3/31/2014	Apr-14
5/31/2014	4/30/2014	May-14
6/30/2014	5/31/2014	Jun-14

**Map to Year & Periods in Planning Application**

Target Period Month	Target Period Quarter	Target Period Year	Target Period Day	Year Target
Jan				FY14
Feb				FY14
Mar				FY14
Apr				FY14
May				FY14
Jun				FY14

**Planning Application**

410 : International Sales

Operating Expenses Plan - Adj Operating Expenses Plan - History

	Jan	Feb	Mar	Q1	Q2
7110: Advertising	63,152	32,666	47,997	143,816	138,865
7120: Public Relations	10,525	5,444	8,000	23,969	23,144
7410: Utilities	18,577	18,577	18,577	55,731	55,731
7420: Rent Expense	24,311	24,311	24,311	72,933	72,933
7440: Cleaning and Maintenance	12,978	12,978	12,978	38,935	38,935

Figure 7. Map Year and Period Dimension Members Between the Planning Application and Data Management

## MAPPING YEAR AND PERIOD DIMENSION MEMBERS BETWEEN THE PLANNING APPLICATION AND DATA MANAGEMENT: FIELD DESCRIPTIONS

Field	Description
Period Key	Create periods in Data Management within Oracle Planning and Budgeting Cloud that correspond to the Year and Period dimension members in the planning application. For example, if the budget spans from January to December in FY14, create 12 Data Management periods. The period key should be the last date of the period, such as <b>1/31/2014</b> .
Prior Period Key	Enter the period key from the prior period.
Period Name	Specify the period in the year, such as <b>Jan-14</b> .
Target Period Month	Specify the period name from the planning application. To identify the period name, navigate to the form in the planning application: <b>Navigation:</b> From Oracle Planning and Budgeting Cloud, select <b>Navigate, Applications, Planning</b> , and then your planning application from the menu. In your planning application, select your form from the Forms panel, such as <b>Operating Expenses Plan - Adj</b> .
Target Period Quarter	Blank
Target Period Year	Blank
Target Period Day	Blank
Year Target	Specify the year from the planning application. To identify the year name, see the navigation for the <b>Target Period Month</b> field.

## Map Between Data Management and the Control Budget

Map the Data Management periods to the control budget calendar periods in Oracle ERP Cloud.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Period Mapping** task in the Setup tab. On the Period Mapping page, select the **Application Mapping** tab.

**Select Periods in Data Management**

Period Key	Prior Period Key	Period Name
1/31/2014	12/31/2013	Jan-14
2/28/2014	1/31/2014	Feb-14
3/31/2014	2/28/2014	Mar-14
4/30/2014	3/31/2014	Apr-14
5/31/2014	4/30/2014	May-14
6/30/2014	5/31/2014	Jun-14

**Map to Periods in Control Budget**

Target Period Month	Target Period Quarter	Target Period Year	Target Period Day	Year Target
Jan-14				2014
Feb-14				2014
Mar-14				2014
Apr-14				2014
May-14				2014
Jun-14				2014

**Edit Control Budget: Hyperion Plan 2**

Name: Hyperion Plan 2  
 Description: Vision City Cal  
 Budget Calendar: Vision City Cal  
 From Period: Jan-14  
 To Period: Dec-14  
 Source: Hyperion Planning  
 Budget Type: Hyperion Plan 2  
 Budget Name: Hyperion Plan 2

**Edit Accounting Calendar: Vision City Cal**

Vision City Cal  
 Budgetary control only  
 Description: Vision City Accounting Calendar  
 Start Date: 1/1/06

**Period Details**

Period Name	Start Date	End Date
Jan-14	1/1/14	1/31/14
Feb-14	2/1/14	2/28/14
Mar-14	3/1/14	3/31/14
Apr-14	4/1/14	4/30/14
May-14	5/1/14	5/31/14
Jun-14	6/1/14	6/30/14
Jul-14	7/1/14	7/31/14
Aug-14	8/1/14	8/31/14
Sep-14	9/1/14	9/30/14
Oct-14	10/1/14	10/31/14
Nov-14	11/1/14	11/30/14
Dec-14	12/1/14	12/31/14

Figure 8. Map Period Dimension Members Between Data Management and the Control Budget

## MAPPING PERIOD DIMENSION MEMBERS BETWEEN DATA MANAGEMENT AND THE CONTROL BUDGET: FIELD DESCRIPTIONS

Field	Description
Target Application	Select the target application from the <b>Register a Control Budget as a Target Application</b> step above.
Period Key	Select the Data Management periods created in the <b>Map Between the Planning Application and Data Management</b> step above.
Prior Period Key	Automatically populates based on the Period Key selection.

Period Name	Automatically populates based on the Period Key selection.
Target Period Month	Specify the period name from the budget calendar of the control budget. » To identify the budget calendar of the control budget, go to the Edit Control Budget page: <b>Navigation:</b> In Oracle Applications Cloud, select <b>Budgetary Control</b> from the Navigator menu. In the Budgetary Control work area, search for the Manage Control Budgets task, and click <b>Go to Task</b> . On the Manage Control Budgets page, search for your control budget, and click <b>Edit</b> . » To identify the period name in the budget calendar, go to the Edit Accounting Calendar page: <b>Navigation:</b> In Oracle Applications Cloud, select <b>Setup and Maintenance</b> from the Navigator menu. In the Setup and Maintenance work area, search for the Manage Budget Calendars task, and click <b>Go to Task</b> . On the Manage Accounting Calendars page, search for the budget calendar of the control budget identified in the previous step, and click <b>Edit</b> .
Target Period Quarter	Blank
Target Period Year	Blank
Target Period Day	Blank
Year Target	Specify the year from the budget calendar of the control budget. To identify the year name in the budget calendar, see the navigation for the <b>Target Period Month</b> field.

### Scenario Planning Application Dimension

Create a category in Data Management within Oracle Planning and Budgeting Cloud and map it to the scenario dimension member in the planning application for your budget. This mapped scenario is captured as a Target Category in this step.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Category Mapping** task in the Setup tab. On the Category Mapping page, select the **Global Mapping** tab.

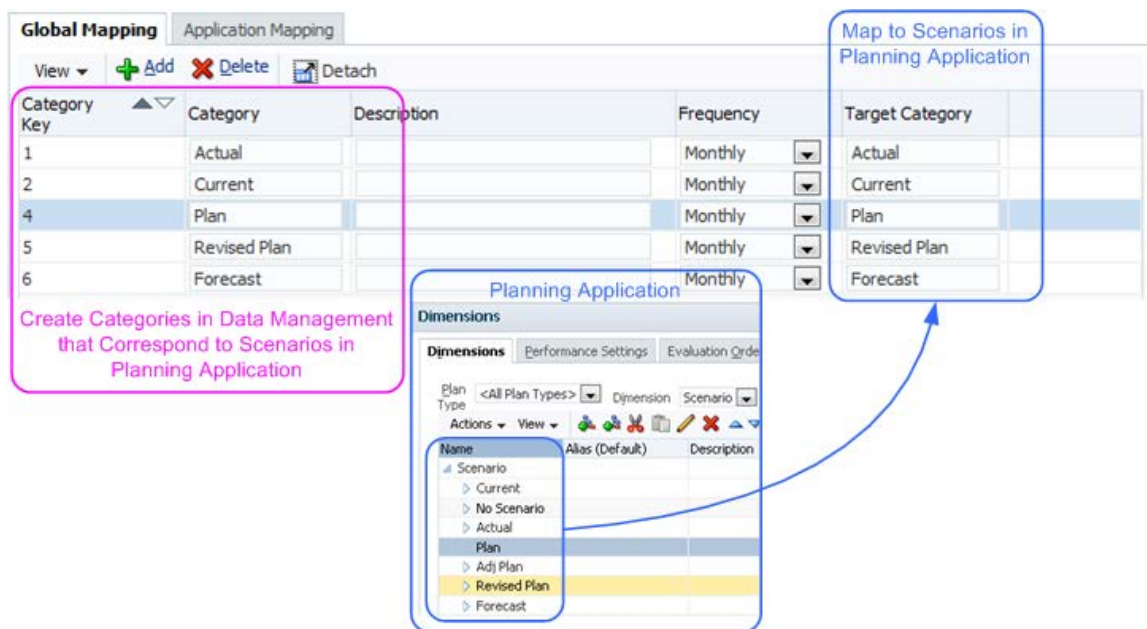


Figure 9. Map Scenario Planning Application Dimension Members

## MAPPING SCENARIO PLANNING APPLICATION DIMENSION MEMBERS: FIELD DESCRIPTIONS

Field	Description
Category Key	Accept the key generated by Data Management.
Category	Create a category in Data Management that corresponds to the scenario dimension member in the planning application for your budget. For example, if the budget in the planning application is captured in the <i>Revised Plan</i> scenario dimension member, create a Data Management category with the same name.
Description	(Optional)
Frequency	Select the budget frequency, such as <b>Monthly</b> .
Target Category	Specify the scenario dimension member in the planning application for your budget.

### Control Budget Dimensions

Specify dimension member mappings for each dimension in the control budget target application set up in the **Register a Control Budget as a Target Application** step.

## MAPPING CONTROL BUDGET DIMENSION MEMBERS

Corresponding Dimensions	Action	Example
No	Map to a constant control budget segment value.	Specify the source budget name of the control budget for the Source Budget Name dimension in the target application to label all your transferred budget data.
Yes	Map all the control budget segment values where the budget will be transferred.	If the control budget captures budget amounts at the leaf Account segment value level, ensure all the leaf Account segment values are mapped.

Different types of mapping methods are supported in mapping dimension members. Most mappings can be expressed as:

- » **Explicit:** For example, if the dimension members of the planning application are text-based labels, and the control budget segment values are numeric-based codes, the dimension member level mapping must use the **Explicit** mapping type.
- » **Like:** For example, if the dimension members of the planning application are identical to the control budget segment values or vary slightly because of a prefix, select the **Like** mapping type. If you have multiple mapping rules within a single dimension, the chronological order of the rule name controls the processing order.

For a complete guide to all the mapping methods, see the [Administering Data Management for Oracle Planning and Budgeting Cloud](#) document.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Data Load Mapping** task in the Workflow tab. On the Data Load Mapping page, select the **Location** link for a point of view based on:

- » The location created in the previous step
- » The first period of the budget data you want to transfer
- » The category that corresponds to the scenario dimension member that captures the budget you want to transfer

Select the **Explicit** or **Like** tab to define the mappings based on an applicable mapping method.





Dimensions: Source Budget Name Data Table Column: ACCOUNT

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Change Sign	Rule Name	Description	Apply to Rule
*	Hyperion Plan 2			001 Source Budget Name		

Dimensions: Fund Data Table Column: UD1

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Rule Name	Description	Apply to Rule
*	*		001 Fund		

Dimensions: Department Data Table Column: UD2

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Rule Name	Description	Apply to Rule
*	*		001 Department		

Dimensions: Account Data Table Column: UD4

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Rule Name	Description	Apply to Rule
*	*		001 Account		

Figure 10. Map Control Budget Dimension Members

#### MAPPING CONTROL BUDGET DIMENSION MEMBERS: FIELD DESCRIPTIONS

Field	Description
<b>Explicit</b>	
Source Value	Specify the dimension member in the planning application. Mappings must cover all dimension members that capture the budget to be transferred.
Target Value	Specify the segment value in the control budget.
Description	(Optional)
Apply to Rule	Blank



## Like

Source Value	Use an asterisk (*) or a question mark (?) to represent the dimension members in the planning application. For example: <ul style="list-style-type: none"><li>» If the dimension members in the planning application are identical to the segment values in the control budget, use *.</li><li>» If the dimension members in the planning application have a prefix, such as Account dimension member A123 corresponds to Account segment value 123, use A*.</li></ul> For a complete guide to all the mapping expressions, see the <a href="#">Administering Data Management for Oracle Planning and Budgeting Cloud</a> document.
Target Value	Use an asterisk (*) or a question mark (?) to represent the segment values in the control budget. For example: <ul style="list-style-type: none"><li>» If the dimension members in the planning application are identical to the segment values in the control budget, use *.</li><li>» If the Account segment value in the control budget does not have a prefix, such as Account dimension member A123 corresponds to Account segment value 123, use *.</li></ul>
Script	(Not applicable)
Change Sign	Blank
Rule Name	Name your rules to reflect the order for evaluating the Like rules.
Description	(Optional)
Apply to Rule	Blank

## Transfer the Budget

Use the following two steps to transfer the budget:

- » Select Data from the Planning Application to Transfer
- » Execute the Budget Transfer Process.

### Select Data from the Planning Application to Transfer

Define a data load rule to select the budget data to transfer from the planning application. You must select budget data at a level that is appropriate for the control budget. For more information, see the **Filter Condition** field description.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate**, **Administer**, and then **Data Management** from the menu. In Data Management, select the **Data Load Rule** task in the Workflow tab. On the Data Load Rule page, select the **Location** link for a point of view based on:

- » The location created in the previous step
- » The first period of the budget data you want to transfer
- » The category that corresponds to the scenario dimension member that captures the budget you want to transfer

Click the **Add** icon to create a data load rule.

**Details** Create a Data Load Rule to select budget data to be transferred

Name: PBCS-Vision>FFC-BC Description: Load data from PBCS-Vision b

Category: Revised Plan Target Plan Type: [blank]

\* Period Mapping Type: Default \* Source Plan Type: Plan1

**Source Options** Target Options Custom Options

**Source Filters**

Dimension Name	Filter Condition	Select
Version	"Final"	...
Scenario	"Revised Plan"	...
Fund	@ILvl0Descendants("Total Fund")	...
Entity	@ISiblings("100")	...
Account	@ILvl0Descendants("OpEx")	...

**Source Parameters**

Property Name	Value
Extract Dynamic Calculated Data	Yes
Data Precision	
Data Number of Decimal	0

**Target Options**

Property Name	Value
Enable export to file	Yes
File Character Set	UTF-8
Column Delimiter	,
File Name for Download	

**Planning Application**

Simple Form: Operating Expenses Plan - Adj

Properties Layout Other Options Business Rules

Form: Operating Expenses Plan - Adj

Description: [blank]

Plan Type: Plan1

Enter Font: [blank] 2

Instructions: B / U s<sub>2</sub> s<sup>2</sup> S

Figure 11. Select Data from the Planning Application to Transfer

## SELECTING DATA FROM THE PLANNING APPLICATION TO TRANSFER: FIELD DESCRIPTIONS

Field	Description
Name	Enter a short name to represent the data selection for the transfer between the two registered systems.
Description	(Optional)
Category	Select the Data Management category that corresponds to the scenario dimension member in the planning application.
Target Plan Type	Blank
Period Mapping Type	Default
Source Plan Type	Select the plan type from the planning application. To identify the plan type, navigate to the form properties in the planning application. <b>Navigation:</b> From Oracle Planning and Budgeting Cloud, select <b>Navigate, Applications, Planning</b> , and then

your planning application from the menu. In your planning application, select your simple form from the Forms and Ad Hoc Grid Management panel, such as **Operating Expenses Plan – Adj**, and then click **Edit**. On the Simple Form page, select the **Properties** tab.

#### Source Options: Source Filters

Dimension Name	Include all the dimensions in the planning application, except for the Year and Period dimensions. You select periods during the process execution.
Filter Condition	<p>For planning application dimensions that have no corresponding control budget dimensions, pin your data selection down to a single planning dimension member.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>» Select only the <b>Final</b> version dimension member from the planning application.</li> <li>» Select only the <b>Revised Plan</b> scenario dimension member from the planning application. For budget revisions where the revision amounts and revised amounts are captured as separate scenarios, you must select the scenario dimension member that captures the revised amounts.</li> </ul> <p>For planning application dimensions that have corresponding control budget dimensions, select planning application dimension members that correspond to the budget segment values at a level that is appropriate for the control budget.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>» If your control budget captures budget amounts at the leaf Account segment values, specify the members from the last descendants for the Account planning application dimensions.</li> <li>» If your control budget captures budget amounts at the mid Department segment values, such as the Division level, specify the members from the Division level for the Department planning application dimension.</li> </ul>

#### Source Options: Source Parameters

Extract Dynamically Calculated Data	Yes
Data Precision	Blank
Data Number of Decimal	(Optional) It is recommended that you use <b>0</b> to remove decimal points.

#### Target Options

Enable export to file	Yes (default)
File Character Set	UTF-8 (default)
Column Delimiter	, (default)
File Name for Download	(Optional)

The Custom Options tab is not applicable to this rule setup.

#### Execute the Budget Transfer Process

When you run the data load rule to start the budget transfer process, select the periods to transfer, such as **Jan-14** to **Dec-14**.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In **Data Management**, select the **Data Load Rule** task in the Workflow tab. On the Data Load Rule page, select the **Location** link for a point of view based on:

- » The location created in the previous step
- » The first period of the budget data you want to transfer

» The category that corresponds to the scenario dimension member that captures the budget you want to transfer

Select the data load rule created in the previous step, and click the **Execute** button.

Figure 12. Execute the Budget Transfer Process

#### EXECUTING THE BUDGET TRANSFER PROCESS: FIELD DESCRIPTIONS

Field	Description
Import from Source	Select to transfer from the planning application to Data Management.
Recalculate	Select
Export to Target	Select to transfer from Data Management to the control budget.
Execute Check	Select
Start Period	Select the first period to be transferred.
End Period	Select the last period to be transferred. If you transfer multiple periods in a process run, the Archive Mode in the System Settings must be <b>None</b> or <b>Copy</b> . The Archive Mode can be updated as follows: <b>Navigation:</b> From Oracle Planning and Budgeting Cloud, select <b>Navigate, Administer</b> , and then <b>Data Management</b> from the menu. In Data Management, select the <b>System Settings</b> task in the Setup tab.
Import Mode	You must select <b>Replace</b> to transfer revised budget amounts to Oracle ERP Cloud.

### Verify the Budget Transfer Results

The budget transfer process in the Oracle Planning and Budgeting Cloud orchestrates all the subprocesses, such as:

- » Extracting data from the planning application
- » Staging and transforming the data
- » Loading the interface data file to Oracle ERP Cloud
- » Invoking the budget import process in Oracle ERP Cloud

Use the Process Details page to review the overall status of the budget transfer process and the status of the individual sub-processes.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Process Details** task in the Workflow tab to open the Process Details page.

**Process Details** Back

View Refresh Reset Status Detach

Process ID	Status	Log	Location	Process Name	Rule Name	Source System	Target Application	Output File	ODI Session Number	Pr
103	<span>✓</span>	Show	PBCS-Vision>FFCS-BC	Data Load	PBCS-Vision>FFC-BC	EPM	FusionFinCloud-BC_HyperionPlan2_XCC	Downl...	82.	e. ▲

**Process Step** View Detach

Status	Process Step	Process Start Time	Process End Time
<span>✓</span>	Import data from file Vision_103.dat for Period Jan-14	Apr 10, 2015 2:38:00 PM	Apr 10, 2015 2:38:01 PM ▲
<span>✓</span>	Import data from file Vision_103.dat for Period Feb-14	Apr 10, 2015 2:38:00 PM	Apr 10, 2015 2:38:01 PM [E]
<span>✓</span>	Transform and stage balance data to export for period Jan-14	Apr 10, 2015 2:38:01 PM	Apr 10, 2015 2:38:02 PM ▲
<span>✓</span>	Transform and stage balance data to export for period Feb-14	Apr 10, 2015 2:38:01 PM	Apr 10, 2015 2:38:02 PM ▲
<span>✓</span>	Export balance data to Custom application FusionFinCloud-BC_HyperionPlan...	Apr 10, 2015 2:38:03 PM	Apr 10, 2015 2:38:03 PM ▼

Figure 13. Verify the Budget Transfer Results: Process Status

Use the process log file to obtain the tracking numbers for the interface data loading process and the budget import process invoked in Oracle ERP Cloud. Also use the log file to identify specific errors for failed process runs:

```
Starting FusionAdapter main program...
prod mode: exportDataToFusion, pid: 103
Initializing FusionAdapter initialized ..
fusionGIWebServiceWsd: https://efops-rel92-bptst-external-fin.us.oracle.com/publicFinancialCommonErpIntegration/ErpIntegrationService?WSDL
fusionGIWebServiceUser: XCCUSER1
fusionProductType: XCC
FusionAdapter initialized fine.
From getBalRuleLoadOutputFile() - outputFileFullName: /u03/pbcs_data/inbox/outbox/XccBudgetInterface_FusionFinCloud-BC_HyperionPlan2_XCC_103.dat
Downloaded data file XccBudgetInterface_FusionFinCloud-BC_HyperionPlan2_XCC_103.dat to UCM, documentId: 309516
Loading data from UCM to interface table, Ess Request ID: 295495 (1)
Current polled request status is: WAIT
Current polled request status is: READY
Current polled request status is: RUNNING
Current polled request status is: PAUSED
Current polled request status is: PAUSED
Current polled request status is: SUCCEEDED
Ess job request has completed fine.
Continue with loading data from interface table to cube.
UseSourceBudgetName: Hyperion Plan 2
Loading data from interface to cube, Ess Request ID: 295498 (2)
Current polled request status is: WAIT
Current polled request status is: RUNNING
Current polled request status is: SUCCEEDED
Ess job request has completed fine.
```

Figure 14. Verify the Budget Transfer Results: Process Log File

## REVIEWING THE BUDGET TRANSFER PROCESS

Budget Transfer Result	Log File Result	Recommended Action	For More Information
Successful	Successful	Review the budget balances in the Budgetary Control work area to ensure the budget is updated properly.	Verify in Oracle ERP Cloud: Review Budget Balances
Fail	Budget import process was invoked	Access the Import Budget Amounts process to obtain the Budget Import Results Report to identify the errors.	Verify in Oracle ERP Cloud: Process Status
Fail	Budget import process was not invoked	Look for native errors of the budget transfer process. Verify if the process extracted the budget data from the planning application and staged it in Data Management.	Verify in Oracle Planning and Budgeting Cloud: Data Load Workbench

### Verify in Oracle Planning and Budgeting Cloud: Data Load Workbench

After the budget data is extracted from the planning application, the budget data is staged and transformed in the Data Load Workbench. You can verify the data in the workbench to ensure that the data is staged and the transformations are accurate.

**Navigation:** From Oracle Planning and Budgeting Cloud, select **Navigate, Administer**, and then **Data Management** from the menu. In Data Management, select the **Data Load Workbench** task in the Workflow tab. On the Data Load Workbench page, select the **Location** link for a point of view based on:

- » The location created in the previous step
- » The first period of the budget data you want to transfer
- » The category that corresponds to the scenario dimension member that captures the budget you want to transfer
- » The data load rule you executed in the previous step






Load Data


View


Format


Show

Download Template



 Freeze

 Detach

 Wrap

	Source- Account	Source Budget Name	Source Fund	Fund	Source Entity	Department	Source Account	Account	Source Amount	Amount
--	7110	Hyperion Plan 2	0001	0001	410	410	7110	7110	63,152.00	63,152.00
--	7120	Hyperion Plan 2	0001	0001	410	410	7120	7120	10,525.00	10,525.00
--	7410	Hyperion Plan 2	0001	0001	410	410	7410	7410	18,577.00	18,577.00
--	7420	Hyperion Plan 2	0001	0001	410	410	7420	7420	24,311.00	24,311.00
--	7440	Hyperion Plan 2	0001	0001	410	410	7440	7440	12,978.00	12,978.00
--	7450	Hyperion Plan 2	0001	0001	410	410	7450	7450	10,999.00	10,999.00
--	7510	Hyperion Plan 2	0001	0001	410	410	7510	7510	4,607.00	4,607.00
--	7530	Hyperion Plan 2	0001	0001	410	410	7530	7530	2,434.00	2,434.00
--	7110	Hyperion Plan 2	0001	0001	420	420	7110	7110	33,556.00	33,556.00
--	7120	Hyperion Plan 2	0001	0001	420	420	7120	7120	16,778.00	16,778.00
--	7410	Hyperion Plan 2	0001	0001	420	420	7410	7410	19,739.00	19,739.00
--	7420	Hyperion Plan 2	0001	0001	420	420	7420	7420	4,305.00	4,305.00
--	7440	Hyperion Plan 2	0001	0001	420	420	7440	7440	4,521.00	4,521.00
--	7450	Hyperion Plan 2	0001	0001	420	420	7450	7450	11,691.00	11,691.00
--	7510	Hyperion Plan 2	0001	0001	420	420	7510	7510	4,895.00	4,895.00
--	7530	Hyperion Plan 2	0001	0001	420	420	7530	7530	2,241.00	2,241.00

Figure 15. Verify in Oracle Planning and Budgeting Cloud: Data Load Workbench



## Verify in Oracle ERP Cloud: Process Status

After the budget data is staged and transformed in Data Management, the Load Interface File for Import process and the Import Budget Amounts process in Oracle ERP Cloud are automatically submitted for the user registered in the **Register a Control Budget as a Source** System step. Log in to Oracle ERP Cloud as that user to access the processes.

**Navigation:** In Oracle Applications Cloud, select **Scheduled Processes** from the Navigator menu. In the Scheduled Processes work area, search for the process tracking number in the Data Load process log in the **Verify the Budget Transfer Results** step.



Name	Process ID	Status	Scheduled Time	Submission Time
Transfer Budget Balances to Budget Cubes Continuously- Schedule Transfer	295499	Running	10.04.15 2:40 PM PDT	10.04.15 2:40 PM PDT
Budget Import Results Report	295500	Succeeded	10.04.15 2:40 PM PDT	10.04.15 2:40 PM PDT
Import Budget Amounts	295498	Succeeded (2)	10.04.15 2:39 PM PDT	10.04.15 2:39 PM PDT
Load File to Interface	295497	Succeeded	10.04.15 2:39 PM PDT	10.04.15 2:39 PM PDT
Transfer File	295496	Succeeded	10.04.15 2:38 PM PDT	10.04.15 2:38 PM PDT
Load Interface File for Import	295495	Succeeded (1)	10.04.15 2:38 PM PDT	10.04.15 2:38 PM PDT

Figure 16. Verify in Oracle ERP Cloud: Process Status

The Import Budget Amounts process runs the Budget Import Results Report subprocess, which captures any budget import errors for your diagnostic needs.

## Verify in Oracle ERP Cloud: Review Budget Balances

If the Import Budget Amounts process is successful, review the budget balances in the Budgetary Control work area in Oracle ERP Cloud to ensure they are updated properly.

---

*If you have not configured the system to continuously transfer budget amounts to the Essbase budget cube, first submit the Transfer Control Budget Balances to Essbase process.*

---

**Navigation:** In Oracle Applications Cloud, select **Budgetary Control** from the Navigator menu. In the Budgetary Control work area, select the **Review Budget Balances** task to open the Review Budget Balances page.



Review Budget Balances

Done

Control Budget

Hyperion Plan 2

Search

\* From Budget Period

Jan-14

\* To Budget Period

Dec-14

Funds Available

All amounts

Currency

USD

\* Funds

All VSL Funds Values

\* Dept

All VSL Dept Values

\* Account

All VSL Account Values

Search

Reset

Search Results

View

Format

Freeze

Detach

Wrap

Funds	Dept	Account	Budget Period	Total Budget	Commitments	Obligations	Other Consumption	Expend
0025	1010	3110	Jan-14	63,152.10	0.00	0.00	0.00	0.00
0025	1010	3120	Jan-14	10,525.35	0.00	0.00	0.00	0.00
0025	1010	3130	Jan-14	18,576.84	0.00	0.00	0.00	0.00
0025	1010	3140	Jan-14	24,310.87	0.00	0.00	0.00	0.00
0025	1010	3200	Jan-14	12,978.45	0.00	0.00	0.00	0.00
0025	1010	3220	Jan-14	10,998.93	0.00	0.00	0.00	0.00
0025	1010	3310	Jan-14	4,606.63	0.00	0.00	0.00	0.00
0025	1010	3320	Jan-14	2,433.79	0.00	0.00	0.00	0.00

Figure 17. Verify in Oracle ERP Cloud: Review Budget Balances

## Conclusion

Using the steps provided by this white paper, you can transfer your budget from Oracle Planning and Budgeting Cloud to Oracle ERP Cloud for budgetary control validations.





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**Hardware and Software, Engineered to Work Together**

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Transfer Budgets from Oracle Planning and Budgeting Cloud to Oracle ERP Cloud for Budgetary Control  
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