

Oracle BI Reports  
Oracle FLEXCUBE Investor Servicing  
Release 12.0  
[April] [2012]  
Oracle Part Number E51528-01



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# 1. Ad Hoc Reporting using Oracle BI Suite

## 1.1 Introduction

This document details the usage of Oracle Business Intelligence Suite Enterprise Edition (OBIEE) for adhoc reporting of Oracle FLEXCUBE Investor Servicing (FCIS). It helps you comprehend the connectivity between OBIEE and FCIS and illustrates the exercises involved in the process, with the help of images and examples.

For details pertaining to answers and dashboards, you may refer the PDF document 'BI Answers Dashboard.pdf' provided with the Oracle User Manuals. These manuals are also available online for reference. You can access the same from the following URL:

[http://www.oracle.com/technology/obe/obe\\_bi/bi\\_ee\\_1013/saw/saw.html](http://www.oracle.com/technology/obe/obe_bi/bi_ee_1013/saw/saw.html)

The OBIEE implementation for adhoc reports of FCIS provides metadata repositories for the following subject areas:

- LOB
- SMS

## 1.2 What is Answer?

Answer serves as an ad hoc tool to define a query in order to retrieve information for answering business questions. It is also the tool used to build reports and dashboards.

## 1.3 How to Create Answers?

You can create answers by logging into the OBIEE system and then specifying the criteria for generating reports under the desired subject areas (corresponding to the modules in FCIS).

## 1.4 What is Dashboard?

Dashboards in OBIEE provide personalized views of information. An OBIEE dashboard can include one or more pages, which appear as tabs across the top of the dashboard.

## 1.5 How to Create Dashboards?

You can create dashboards for the answers that you have created in OBIEE.

*Refer the tutorial titled 'Creating Interactive Dashboards and Using Oracle Business Intelligence Answers' in 'BI Answers Dashboard.pdf' for details about creation and usage of answers and dashboards.*

## 1.6 Generating Reports for FCIS Modules

The following stages describe the process of generating a report:

### Step 1. Logging into OBIEE



Oracle Business Intelligence

Please enter your User ID and Password below, and then press the Log In button.

User ID

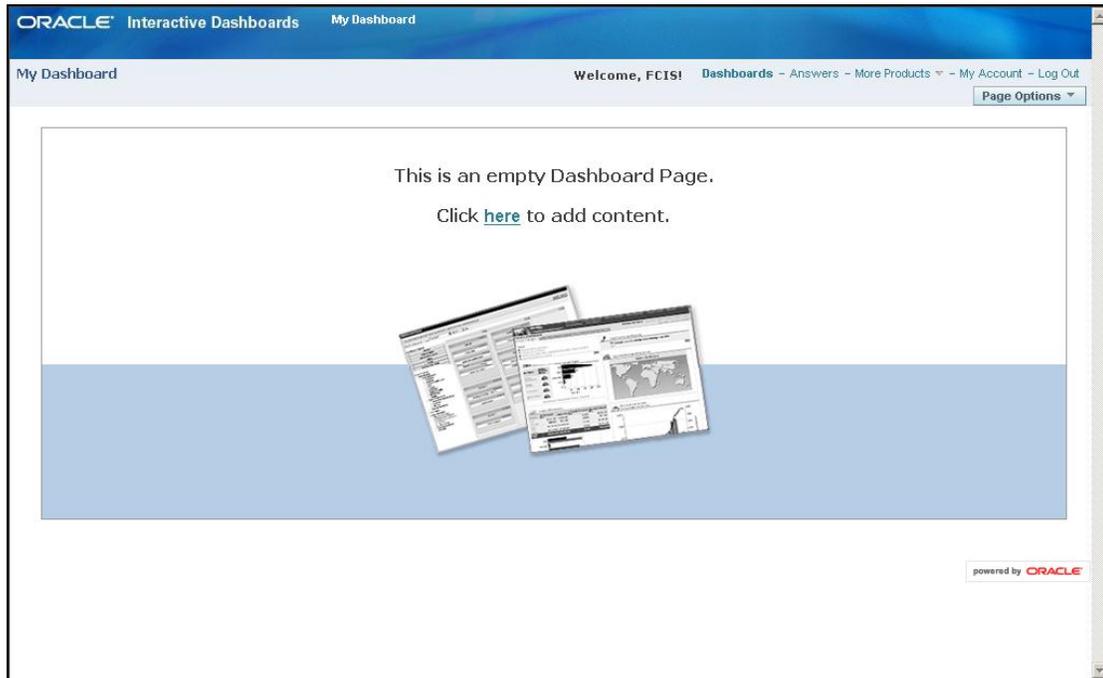
Password

Select a Language

Oracle Business Intelligence 10.1.3.3.1

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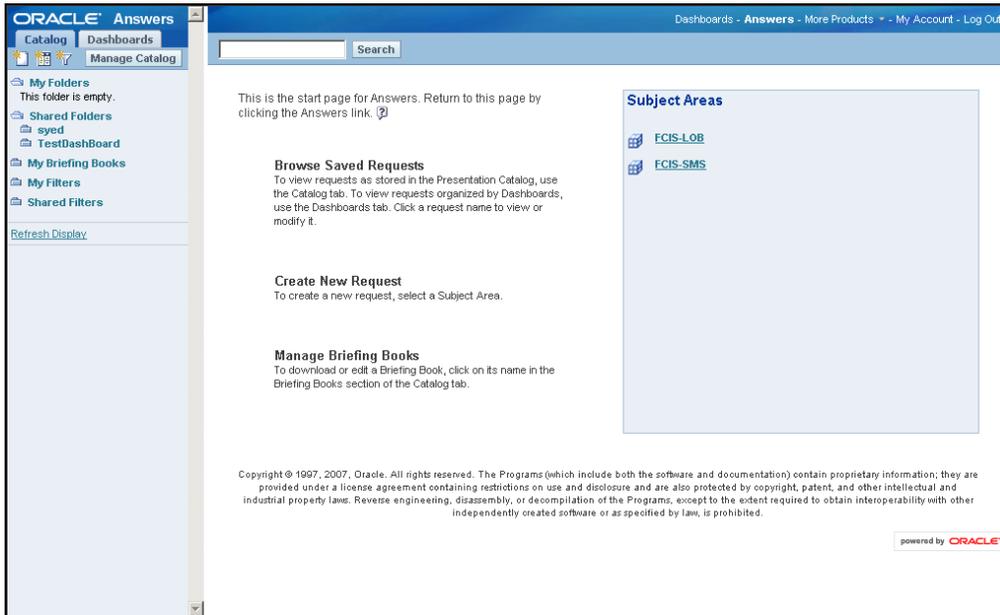
The following screen will be displayed.



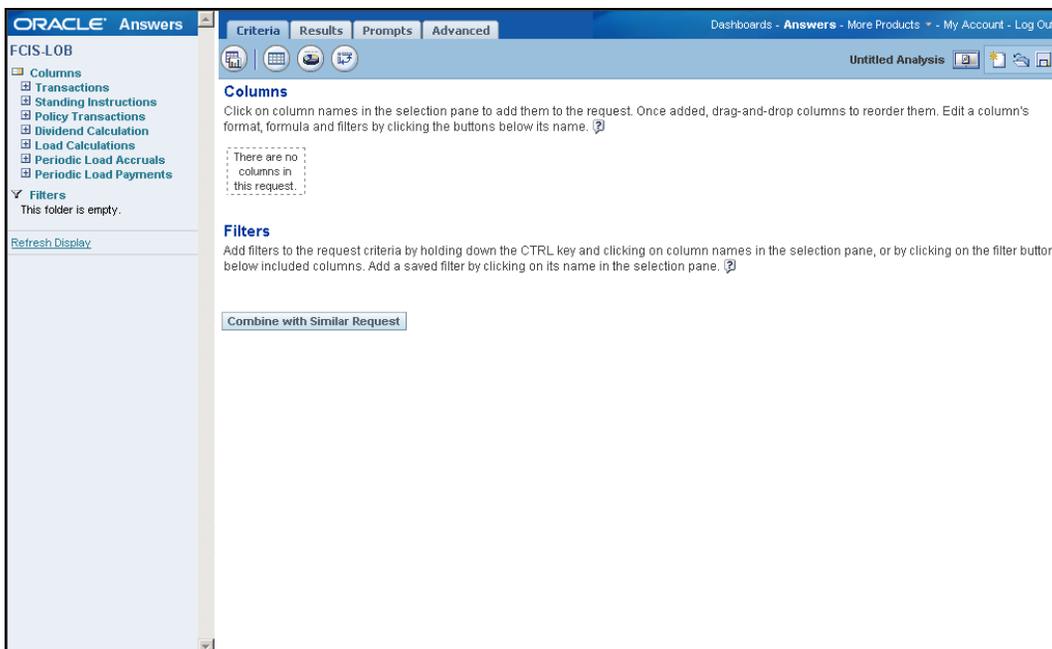
At the top of the screen adjoining 'My Dashboard', a list of subject areas (FCIS modules) is displayed. You can create an answer and dashboard view for any/all of these subject areas by clicking on 'Answers'.

## Step 2. Creating Answer

Click on 'Answers'. The following screen will be displayed.

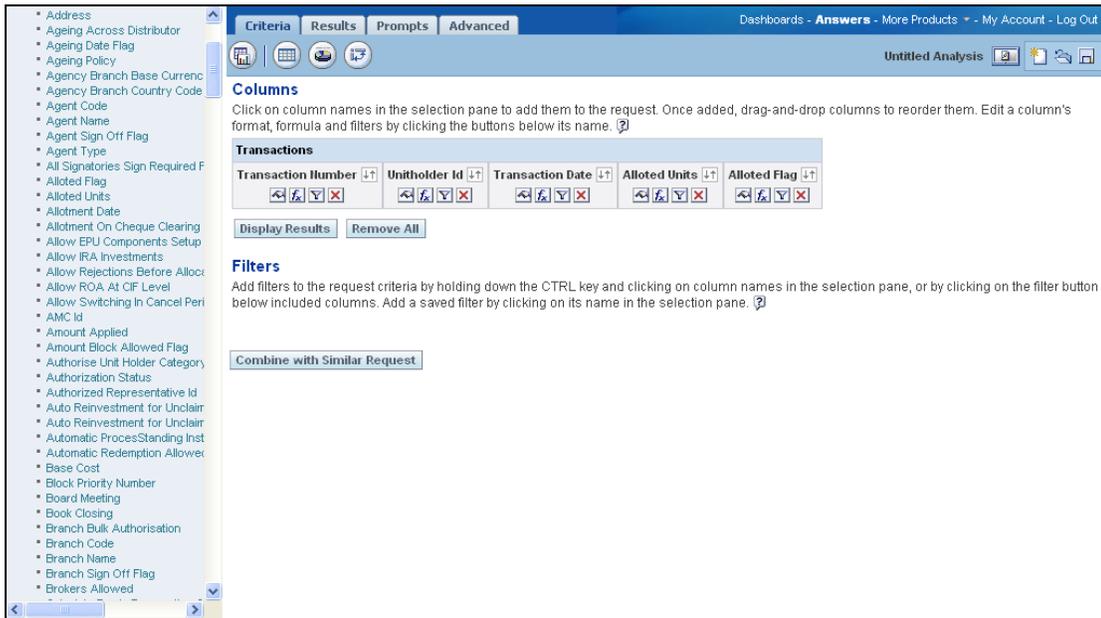


Click on the subject area under which you wish to create an answer – for instance FCIS-LOB. The following screen will be displayed.



Click the plus sign in the left-hand pane to view all columns under the subject area. Click on the desired ones to add them to the selection pane. For instance, you can choose the following columns under **Transactions >Account Closure Flag** as shown in the screenshot below the column listing:

- Transaction Number
- Unitholder ID
- Transaction Date
- Allotted Units
- Allotted Flags



You can change the order of the columns by dragging and dropping them as desired.

## 1.6.1 Adding Filter

If required you can add filters to the selected columns. The query will look like this.

The screenshot shows the Oracle BI interface with the 'Criteria' tab selected. The 'Columns' section displays the 'Transactions' table with columns: Transaction Number, Unitholder Id, Transaction Date, Alloted Units, and Alloted Flag. The 'Filters' section shows two filters: 'Alloted Flag is equal to f is in Y' and 'AND Transaction Number begins with 02'. Buttons for 'Display Results', 'Remove All', 'Save Filter...', 'Remove Filters', and 'Combine with Similar Request' are visible.

## Step 3. Viewing Answer

Click on the 'Results' tab or 'Display Results' button to view the records that satisfy the selection criteria – columns and filters. The screen will appear as under.

The screenshot shows the Oracle BI interface with the 'Results' tab selected. The table displays the following data:

Transaction Number	Unitholder Id	Transaction Date	Alloted Units	Alloted Flag
0220070020000011	GSD155	1/2/2007 12:00:00 AM	932.25	Y
0220070020000012	GSD155	1/2/2007 12:00:00 AM	50000.00	Y
0220070020000013	GSD155	1/2/2007 12:00:00 AM	15000.00	Y
0220070020000014	GSD113	1/2/2007 12:00:00 AM	10000.00	Y
0220070020000015	GSD113	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000016	GSD113	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000017	GSD113	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000018	GSD113	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000019	GSD250	1/2/2007 12:00:00 AM	10000.00	Y
0220070020000020	GSD250	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000021	000000000263	1/2/2007 12:00:00 AM	99009.90	Y
0220070020000022	GSD250	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000023	GSD250	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000024	GSD250	1/2/2007 12:00:00 AM	9700.00	Y
0220070020000025	000000000263	1/2/2007 12:00:00 AM	9900.99	Y
0220070020000026	000000000263	1/2/2007 12:00:00 AM	154015.35	Y
0220070020000101	AGTR126	1/2/2007 12:00:00 AM	25000.00	Y
0220070020000102	AGTR126	1/2/2007 12:00:00 AM	25000.00	Y
0220070020000103	GSD155	1/2/2007 12:00:00 AM	1398.38	Y

## 1.6.2 Formatting Answer

You can alter the look and feel of the query result/answer by clicking on the 'Format View' icon wherever required.

*Refer the section titled 'Creating Query and a Chart' in 'BI Answers Dashboard.pdf' for details about creation and formatting of answers.*

## Step 4. Creating Dashboard

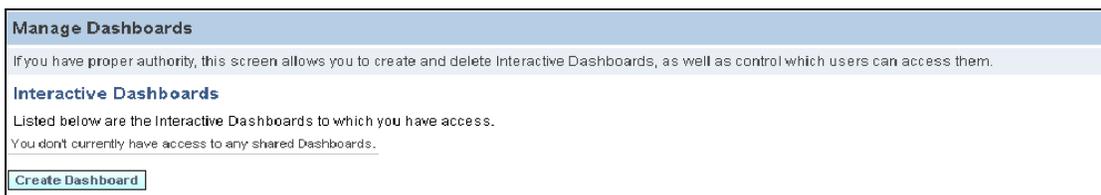
You need to create interactive dashboards and add relevant content to it from the presentation catalog. Click on 'Settings' and select 'Administration'.



The 'OBI Presentation Service Administration' screen is displayed. This screen offers access to various administrative features. Click on 'Manage Interactive Dashboards'.

Activities	
<a href="#">Manage Presentation Catalog Groups and Users</a>	Create, edit and delete Catalog Groups, as well as remove Catalog Users.
<a href="#">Manage Presentation Catalog</a>	Delete, rename, set permissions and view properties of items in the Presentation Catalog.
<a href="#">Manage Interactive Dashboards</a>	Create and delete Interactive Dashboards, and control which users can access them.
<a href="#">Manage Sessions</a>	View Oracle Business Intelligence session information including active users and queries.
<a href="#">Manage iBot Sessions</a>	View iBot session information including iBot state and recipients.
<a href="#">Manage BI Publisher</a>	Manage BI Publisher users, permissions, jobs, files and folders.
<a href="#">Manage Privileges</a>	Manage privileges and rights given to users and groups.
<a href="#">Manage Device Types</a>	Create, edit, view or delete Device Types.
<a href="#">Issue SQL</a>	Issue SQL directly to Oracle BI Server.
<a href="#">Toggle Maintenance Mode</a>	Maintenance Mode is currently off.
<a href="#">Reload Files and Metadata</a>	Reload XML message files, refresh server metadata, and clear caches.
Marketing	

OBI displays the 'Manage Dashboards' screen. This screen enlists all interactive dashboards that you can access.

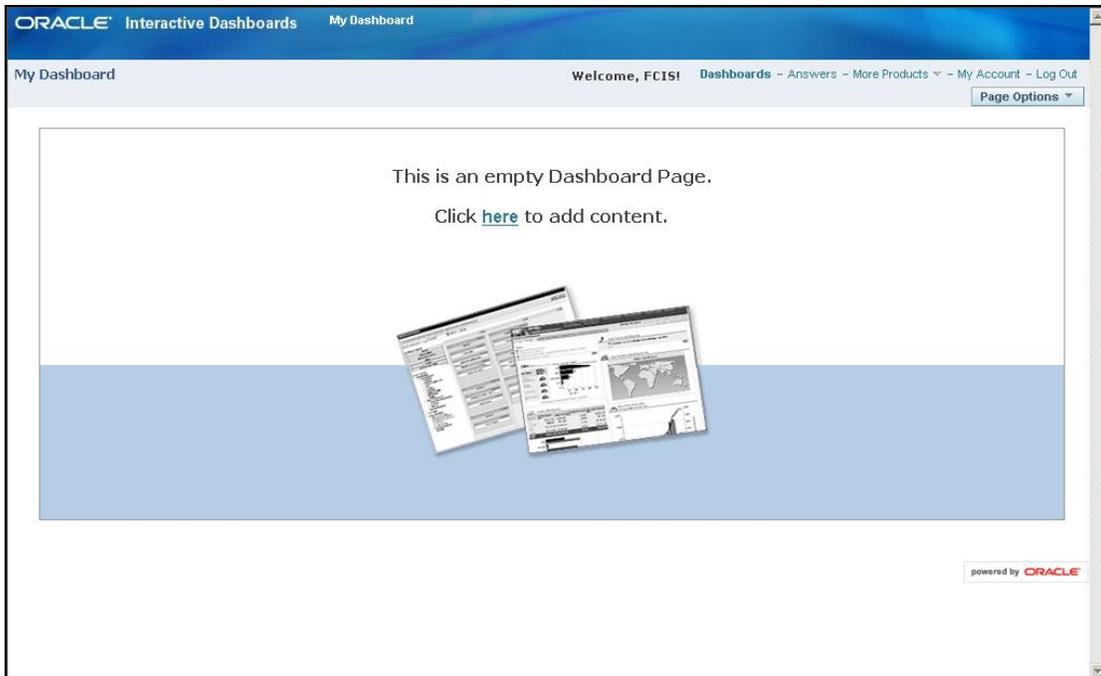


Click the button 'Create Dashboard' at the bottom of the screen. OBI will display the 'Create Dashboard' screen.

On this screen, you need to enter the details pertaining to the new dashboard that you are creating.

- The 'Group Folder' menu displays all folders that you can access. You may select other folders as per the requirement.
- Against 'Dashboard Name' you have to enter a name to identify the dashboard.
- You can specify the users or groups that are allowed to make a change in the dashboard being created.

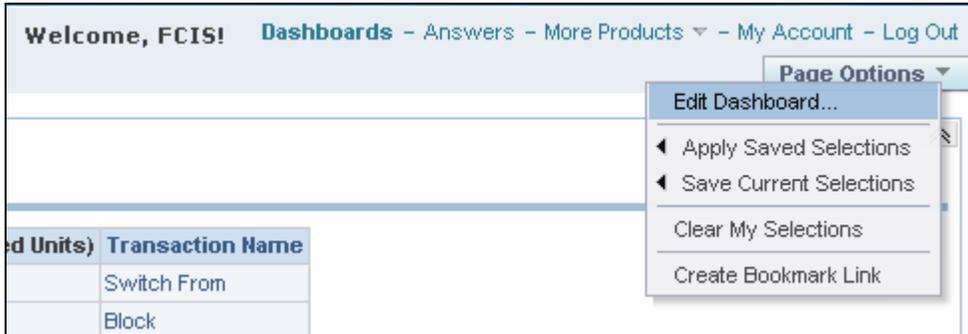
Click the button 'Finished' on the right corner of the screen to complete the process of dashboard creation. The new dashboard is displayed as shown.



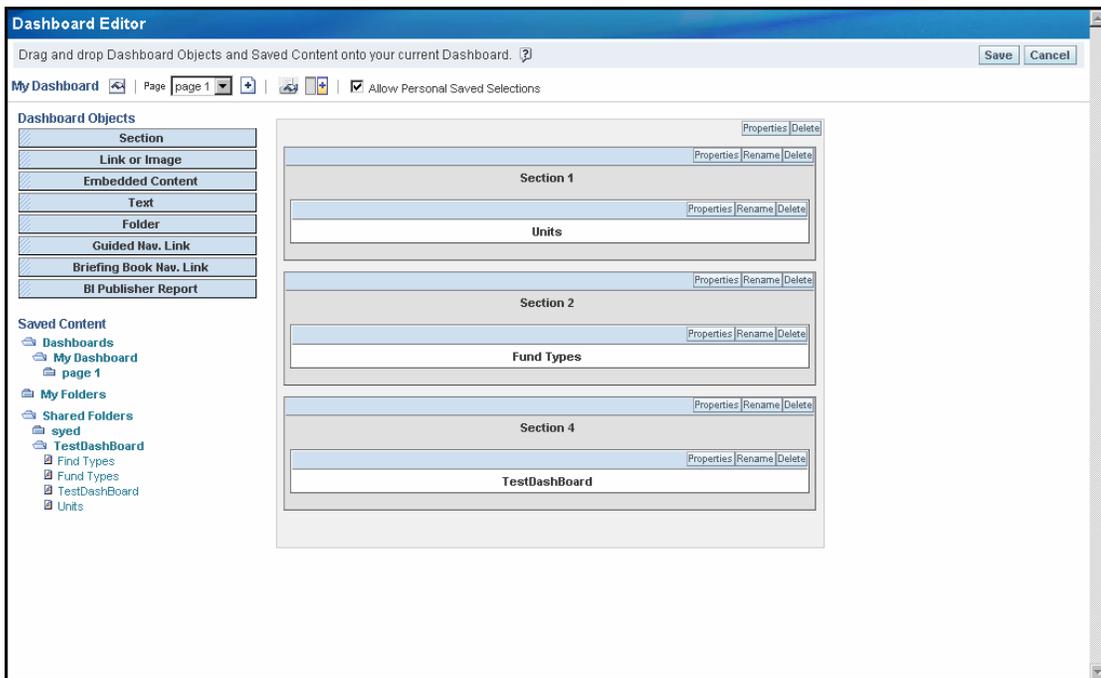
Now, you need to add content to the dashboard.

### 1.6.3 Adding Content to Dashboard

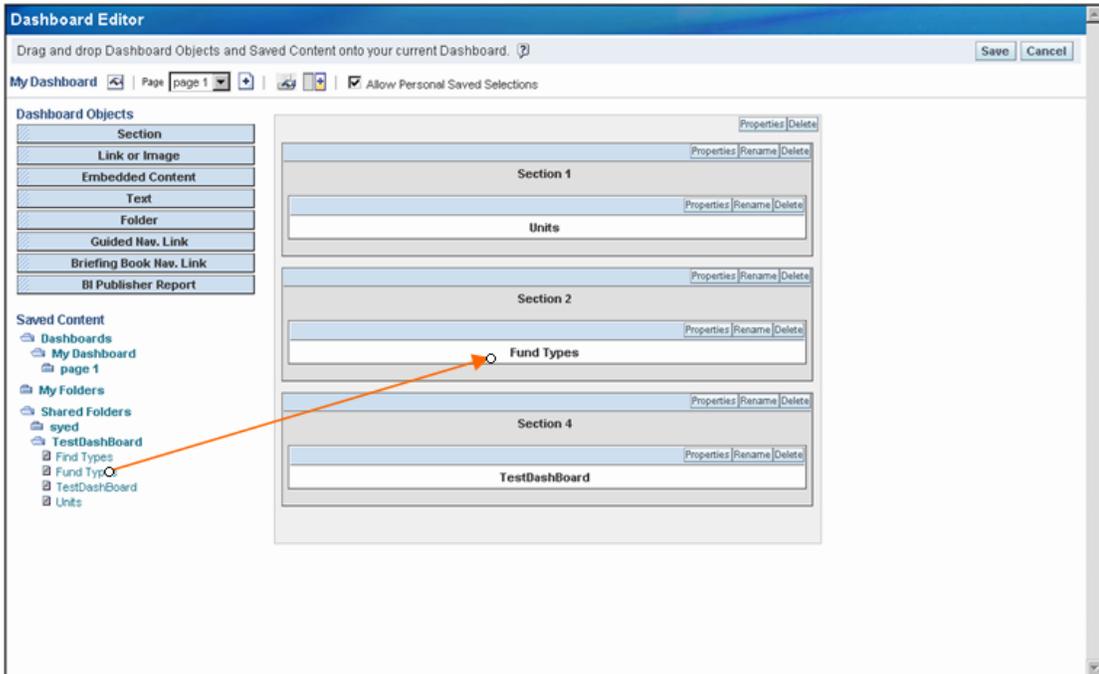
You can add relevant content from Presentation Catalog to the dashboard. Click 'Page Options' button on the right corner of the screen and select 'Edit Dashboard'.



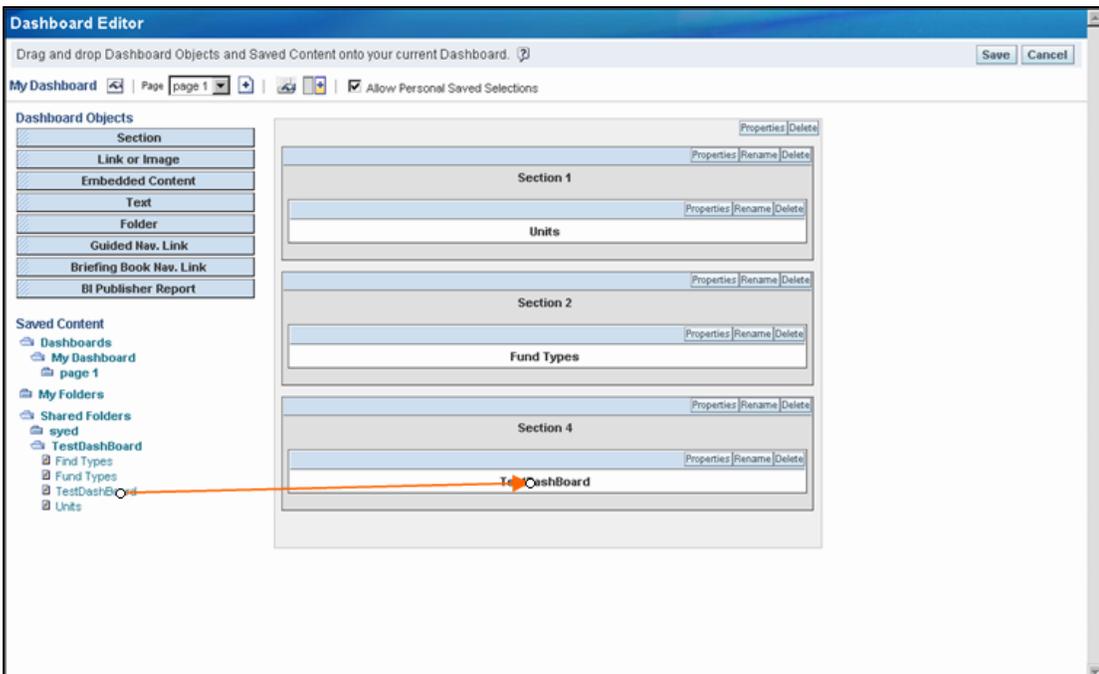
You will be taken to the 'Dashboard Editor' screen. You may add more pages to the dashboard by clicking the  button.



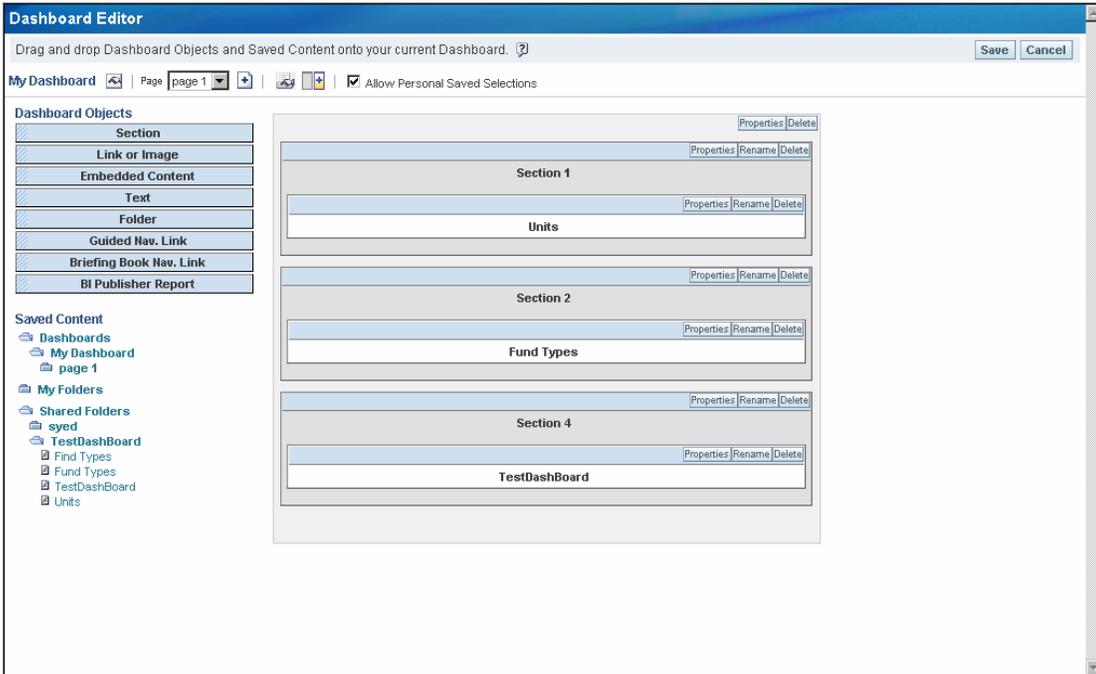
The screen displays the available contents on the left menu. You may drag and add required content to the dashboard as shown.



You can add more content to the same dashboard. However, you may drag only one component at a time. The following image illustrates the addition of a different component to the same dashboard.



To save the dashboard, click **Save** button on the top right corner of the screen.



On saving, OBI displays the reports with respect to the content added. The result is displayed as shown below.

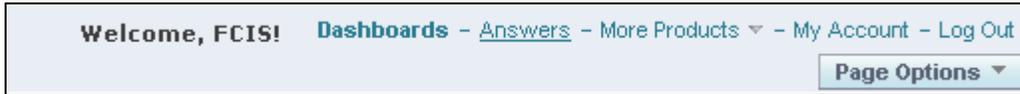
**Units**

Allotment Date	SUM(Alloted Units)	Transaction Name
1/1/2007 12:00:00 AM		Switch From
		Block
1/2/2007 12:00:00 AM	38523.33	IPOSubscription
	1360526.24	Subscription
		Transfer
1/3/2007 12:00:00 AM	3500.00	IPOSubscription
	1000.00	Redemption
	1479428556.43	Subscription
	1000.00	Switch From
1/4/2007 12:00:00 AM	25334.50	Redemption
	4664394.29	Subscription
	27400.00	Switch From
1/5/2007 12:00:00 AM		Block
	60000.00	IPOSubscription
	407940.89	Redemption
	401590123.09	Subscription
1/8/2007 12:00:00 AM	89611.00	Switch From
		Transfer
	61539.07	Redemption
1/8/2007 12:00:00 AM	823812.35	Subscription
	625328.71	Switch From
	3250.00	Transfer
1/9/2007 12:00:00 AM		UnBlock
	11211136122.16	IPOSubscription

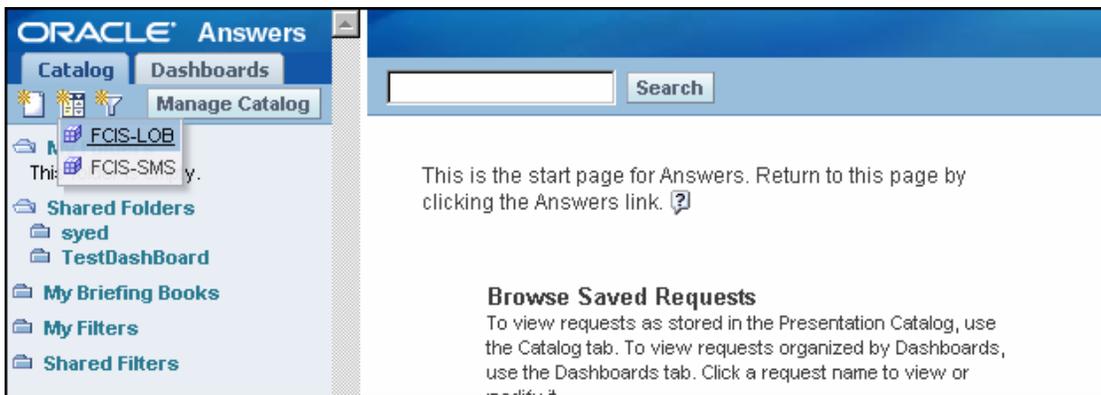
Records 1 - 25

## 1.6.4 Adding Prompt to Dashboard

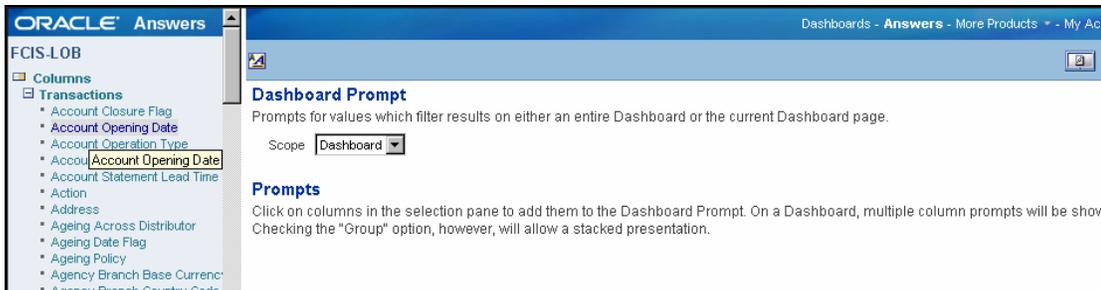
Dashboard prompts are used to filter the dashboards with specific criteria. You may add dashboard prompts to an existing dashboard. Click 'Answers' and navigate to the OBIEE Answers screen.



Click  on OBIEE Answers screen and select the subject area for the prompt.



You are navigated to the Dashboard Prompt screen. You can define the filter criteria on the left menu. Click the appropriate component to add it to the prompt.



The screen will display the prompt that you have added.

**Dashboard Prompt**  
Prompts for values which filter results on either an entire Dashboard or the current Dashboard page.

Scope: Dashboard

**Prompts**  
Click on columns in the selection pane to add them to the Dashboard Prompt. On a Dashboard, multiple column prompts will be shown on one line. Checking the "Group" option, however, will allow a stacked presentation.

Group	Column	Operator	Control	Show	Default to	Set Variable	Label
	Account Opening Date	is equal to / is in	Drop-down List	All Values	Report Defaults	None	
				<input checked="" type="checkbox"/> (All Choices) <input type="checkbox"/> Constrain			

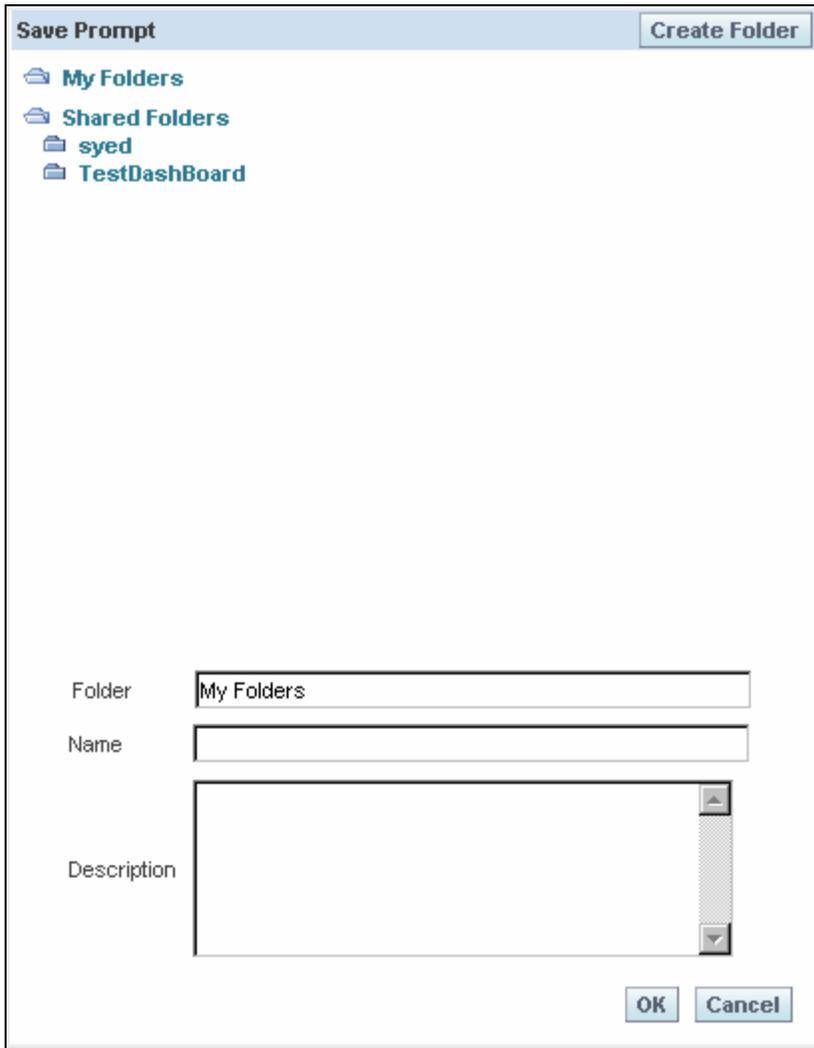
You can set the following aspects for a prompt as per requirement:

- Group Column
- Operator
- Control
- Show
- Default to
- Variable
- Label

You may set the above preferences for a page in the dashboard, or for the entire dashboard. Click the Save button to save the prompt.



OBIEE will prompt you to specify a location to save this.

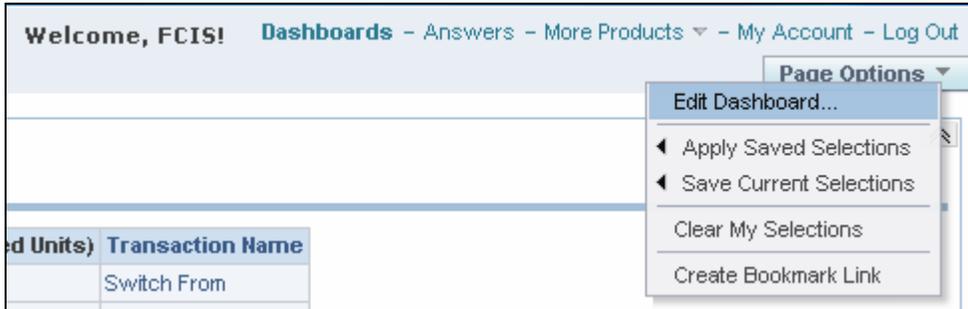


The image shows a 'Save Prompt' dialog box. At the top right is a 'Create Folder' button. The main area lists folders: 'My Folders', 'Shared Folders', 'syed', and 'TestDashboard'. Below this are three input fields: 'Folder' (containing 'My Folders'), 'Name' (empty), and 'Description' (empty). At the bottom right are 'OK' and 'Cancel' buttons.

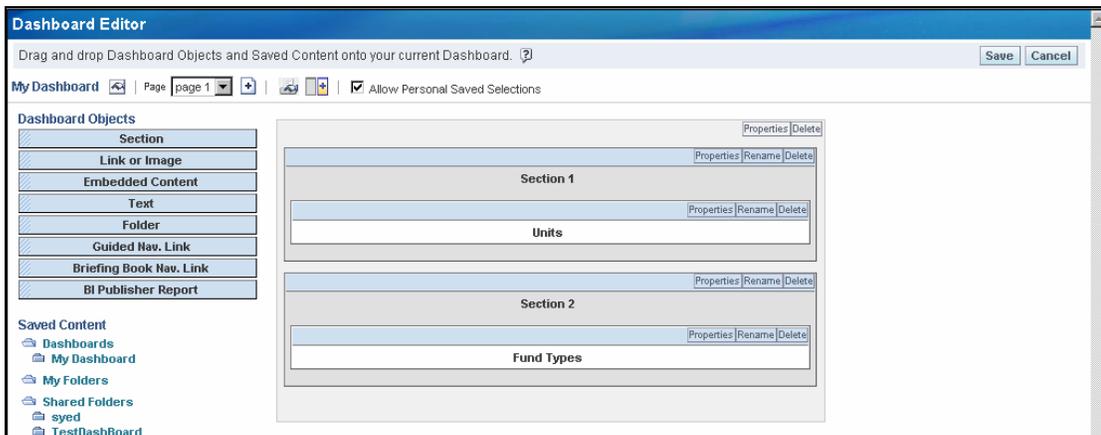
Specify the appropriate folder and enter a name to identify the prompt. You can open the prompt by clicking  button. You can use this prompt to filter the reports that you generate using OBIEE.

## 1.6.5 Editing Dashboard

You may edit the dashboards that are already created. Click the button 'Page Options' on the screen and select 'Edit Dashboard'.



You will be taken to the 'Dashboard Editor' screen.



On this screen, you can perform the following actions:

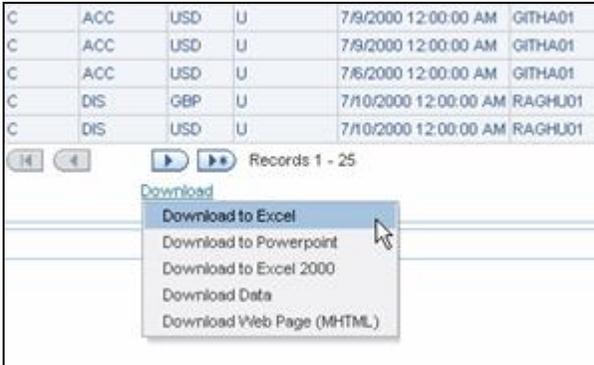
- Modify the dashboard properties
- Delete the dashboard
- Modify the section properties
- Rename the sections
- Delete the sections

Refer the section 'Creating an Interactive Dashboard' in 'BI Answers Dashboard.pdf' for details about creation of dashboards and addition of prompts. You can refer the same section online using the following URL:

[http://www.oracle.com/technology/obe/obe\\_bi/bi\\_ee\\_1013/saw/saw.html](http://www.oracle.com/technology/obe/obe_bi/bi_ee_1013/saw/saw.html)

## Step 5. Downloading Answers and Dashboards

You can download the answers and dashboards into the different formats. Open a Dashboard or an Answer and click 'Download' at the bottom of the screen.



You can download the answers and dashboards into the following format:

- Excel
- Powerpoint
- Excel 2000
- Data
- MHTML Web Page

A dashboard downloaded into Excel format looks like this:

A screenshot of the Microsoft Excel interface. The title bar reads 'Untitled Analysis[1].xls - Microsoft Excel'. The ribbon shows 'Home', 'Insert', 'Page Layout', 'Formulas', 'Data', 'Review', and 'View'. The 'Home' ribbon is active, showing options for Clipboard, Font, Alignment, Number, Conditional Formatting, Format as Table, Cell Styles, Cell, and Editing. The spreadsheet area shows a table with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2														
3		Unitholder Id	Transaction Date	Alloted Units	Alloted Flag									
4	278	1/12/2007 0:00		Y										
5	283	1/2/2007 0:00	10000	Y										
6	275	1/2/2007 0:00	20000	Y										
7	282	1/2/2007 0:00	5000	Y										
8	284	1/2/2007 0:00	2000	Y										
9	AGC21	1/2/2007 0:00	5	Y										
10	283	1/2/2007 0:00	10	Y										
11	281	1/2/2007 0:00	500	Y										
12	GSD155	1/2/2007 0:00	100	Y										
13	281	1/2/2007 0:00	600	Y										
14	281	1/2/2007 0:00	175	Y										
15	281	1/2/2007 0:00	133.33	Y										
16	281	1/3/2007 0:00	1500	Y										
17	281	1/3/2007 0:00	2000	Y										
18	AGTR132	1/5/2007 0:00	15000	Y										
19	AGTR132	1/5/2007 0:00	15000	Y										
20	AGTR132	1/5/2007 0:00	29997	Y										
21	AGTR132	1/5/2007 0:00	3	Y										
22	AGTR132	1/5/2007 0:00	0	Y										
23	AGTR132	1/5/2007 0:00	0	Y										
24	284	1/9/2007 0:00	1000	Y										
25	325	1/9/2007 0:00	100000000	Y										
26	325	1/9/2007 0:00	11111111111	Y										
27	325	1/9/2007 0:00	23212.1	Y										
28	325	1/9/2007 0:00	344.56	Y										
29	325	1/9/2007 0:00	454.5	Y										
30	282	1/11/2007 0:00	1000	Y										



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