

Oracle Financial Consolidation and Close Cloud Service

Agenda

Day 1

- Financial Consolidation and Close Cloud Overview (FCCS)
- Consolidations, Eliminations and Translations
- Creating a FCCS application
- Navigating a FCCS application

Day 2

- FCCS Dimensionality
- Building an application

Day 3

- Using SmartView
- Data Management

Day 4

- Designing Reports
- Supplemental Data Management Module
- Financial Close Management module

Acronyms

- EPM : Enterprise Performance Management
- CPM : Corporate Performance Management
- HFM : Hyperion Financial Management
- Consolidation : The process of consolidating or a Financial Consolidation software\application
- GAAP : Generally Accepted Accounting Principles
- IFRS : International Financial Reporting Standards
- ERP : Enterprise Resource Planning. Transactional applications.
- Segments : Dimensions
- COA : Chart of Accounts
- CM : Change Management
- FCCS : Financial Close and Consolidation Cloud Service
- PBCS : Planning and Budgeting Cloud Service

Documentation

- FCCS Admin Guide
 - <https://docs.oracle.com/en/cloud/saas/financial-consolidation-cloud/agfcc/index.html>
- FCCS User Guide
 - <https://docs.oracle.com/en/cloud/saas/financial-consolidation-cloud/usfcc/index.html>
- Smartview User Guide
 - <https://docs.oracle.com/en/cloud/saas/enterprise-performance-management-common/svuuc/index.html>
- Data Management Admin Guide
 - <https://docs.oracle.com/en/cloud/saas/enterprise-performance-management-common/erpia/index.html>

FCCS Dimensionality

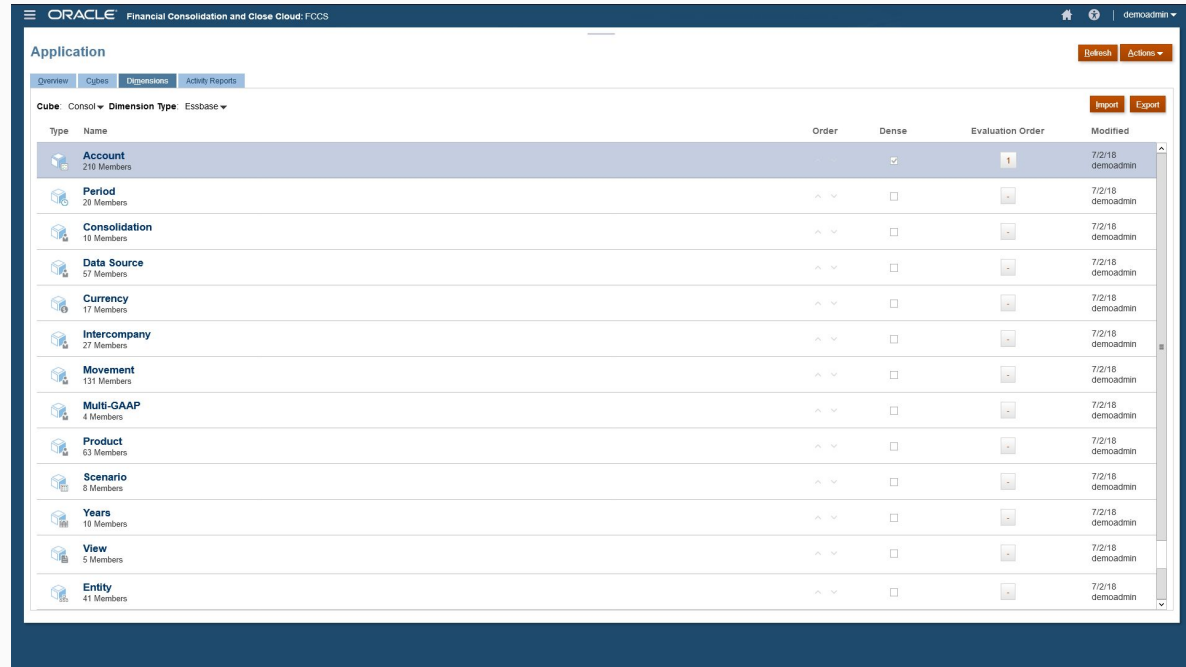
Dimensionality

- 11 Pre -defined dimensions

- Scenario
- Year
- Period
- Entity
- Accounts
- Currency
- Consolidation
- Intercompany
- Movement
- View
- Data Source

- 2 Custom Dimension

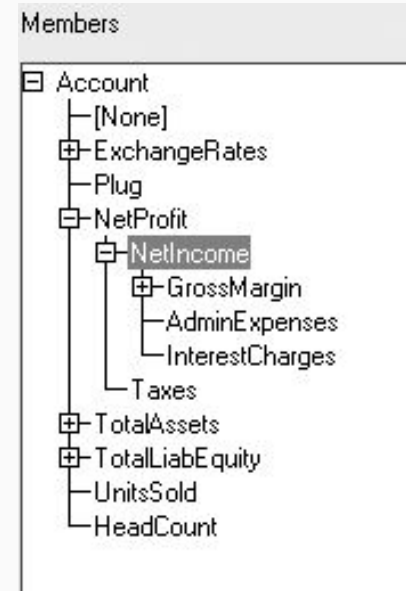
- Multi Gaap
- Custom1
- Custom2



Type	Name	Order	Dense	Evaluation Order	Modified
Account	210 Members		<input checked="" type="checkbox"/>	1	7/2/18 demoadmin
Period	20 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Consolidation	10 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Data Source	57 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Currency	17 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Intercompany	27 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Movement	131 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Multi-GAAP	4 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Product	63 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Scenario	8 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Years	10 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
View	5 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin
Entity	41 Members	^ v	<input type="checkbox"/>	-	7/2/18 demoadmin

System Dimensions

- Many system dimensions have pre seeded members.
- Preseeded members often have 'FCCS' as prefix.
 - E.g. FCCS_YTD is a member of the View dimension
- Preseeded members cannot be modified.
- All dimensions have
 - Dimension Properties
 - Hierarchy - Members
 - Parent, Children, Ancestor, Descendants, Siblings
 - Member Properties

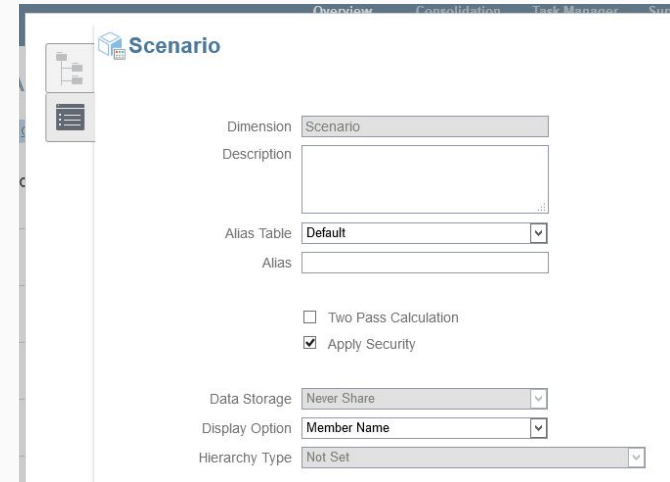


Common Properties

- Name : Unique name across all dimensions
- Alias : Description or alternate name
- Plan Type : Essbase cube for which the member is valid
- Data Storage
 - Store, Dynamic Calc, Dynamic Calc and Store, Never Share, Shared, Label Only
- Data Type
 - Currency, Non Currency, Percentage, Date, Text, Smartlist

Scenario Dimension

- Scenario is a category of data
 - Actuals
 - Budget
 - Actuals at Budget Rate
- One seeded member - Actual
- Security - Demo

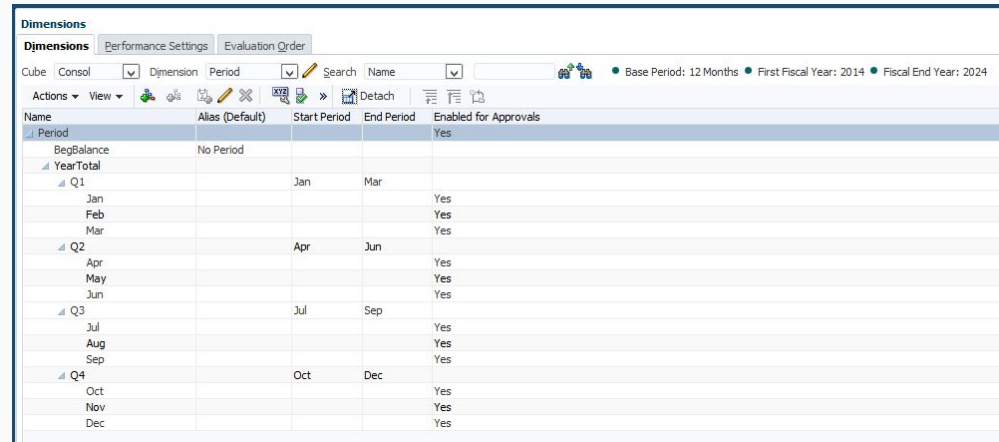


The screenshot shows a software window titled "Scenario" with a sidebar on the left containing a tree view and a list view. The main area contains the following fields:

- Dimension: Scenario
- Description: (empty text box)
- Alias Table: Default (dropdown menu)
- Alias: (empty text box)
- ☐ Two Pass Calculation
- ☒ Apply Security
- Data Storage: Never Share (dropdown menu)
- Display Option: Member Name (dropdown menu)
- Hierarchy Type: Not Set (dropdown menu)

Year & Period Dimension

- Year represents the Fiscal Year
- Period dimension
 - Month, Quarters
 - Generation
- Created automatically based on application structure



Name	Alias (Default)	Start Period	End Period	Enabled for Approvals
Period				Yes
BegBalance	No Period			
YearTotal				
Q1		Jan	Mar	
Jan				Yes
Feb				Yes
Mar				Yes
Q2		Apr	Jun	
Apr				Yes
May				Yes
Jun				Yes
Q3		Jul	Sep	
Jul				Yes
Aug				Yes
Sep				Yes
Q4		Oct	Dec	
Oct				Yes
Nov				Yes
Dec				Yes

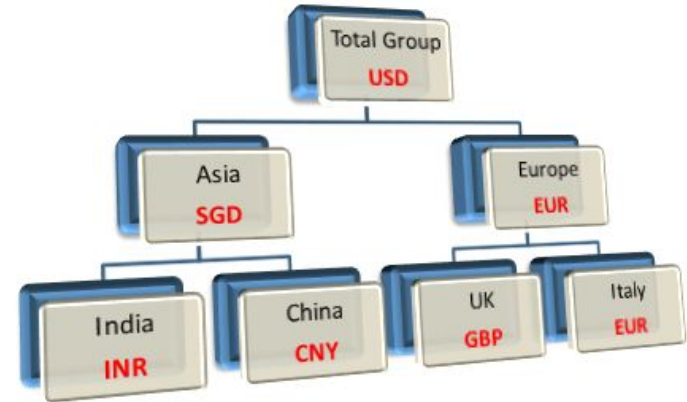
View Dimension

- Frequency of data
- Periodic or MTD - Month to Date
- QTD - Quarter to Date
- YTD - Year to Date
- System created dimension
- Data is always stored at the periodic member.
- FCCS is a periodic application

	FY2017											
	Q1 2017			Q2 2017			Q3 2017			Q4 2017		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MTD	10	10	10	10	10	10	10	10	10	10	10	10
QTD	10	20	30	10	20	30	10	20	30	10	20	30
YTD	10	20	30	40	50	60	70	80	90	100	110	120

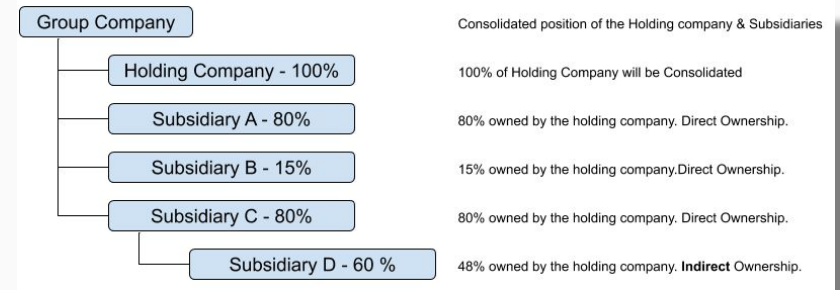
Entity Dimension

- Represents the organization structure of the enterprise.
- It can be a legal entity, division, subsidiary, plants, regions, countries and so on.
- Typical Legal and management reporting structures.
- Consolidation path of data is based on the entity dimension. Data is always loaded to base entities.
- Global Assumptions & Total Geography.



Entity Properties

- Base Currency
- Intercompany Entities
 - Automatically creates this entity in Intercompany dimension
- Percentage Consolidation Stored at Entity Level
- Shared entities
- Demo : Create an Entity named France and set the currency as EUR



Intercompany Dimension

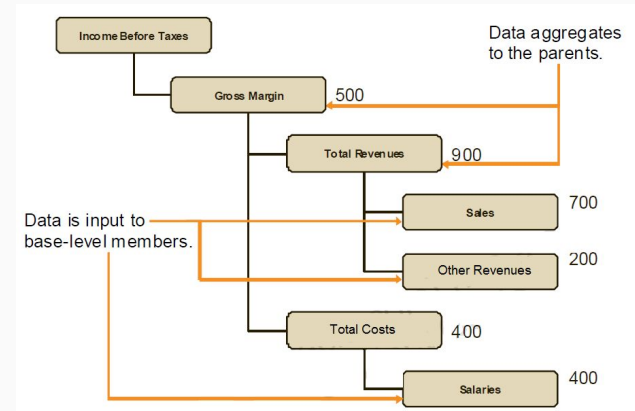
- Intercompany dimension is created based on application structure.
- It is a read only dimension.
- For every base entity member in Entity dimension with Intercompany set to True, a corresponding member is created in the Intercompany dimension. ICP Prefix.
- Seeded members - No Intercompany, Intercompany Entities and Total Intercompany Entities.
- Demo

Account Dimension

- It is used to store the Natural account hierarchy i.e. the Chart of Accounts for an application.
 - Income or Revenue
 - Expense
 - Asset
 - Liability
 - Equity
- Statutory Requirement
 - Income Statement
 - Balance Sheet
 - Cash Flow
- FCCS preseed the Income Statement and Balance Sheet Hierarchy. It can be extended based on requirement.
- Income Statement Hierarchy is under Retained Earnings Current. Demo.

Account Dimension Properties

- Data for parent members are always aggregated and stored.
- Properties
 - Account Type : Determines aggregation with parent
 - Number of decimal places to display
 - ICP Account
 - Plug Account
 - Time Balance
- Historical Account Hierarchy
- Ratios Account Hierarchy
- Drivers Account Hierarchy



Currency Dimension

- Created only for multicurrency applications as per application structure.
- Maximum of 45 currencies.
- Seeded members
 - Input Currency : Valid only for entering exchange rates
 - Reporting Currency
 - No Currency
 - Entity Currency : Data is entered here
 - Parent Currency : Consolidation process translated and stores data here

Consolidation Dimension

- Consolidation Audit Trail
- Entity Input
 - Input for entities (Only via journals for parent entity)
- Entity Consolidation
 - Sum of all children's contribution
- Entity Total
 - Sum of Entity Input and Consolidation
- Proportion
 - Translated Entity Total * PCON
- Elimination
 - Intercompany Elimination values
- Contribution
 - Child Contribution to Parent

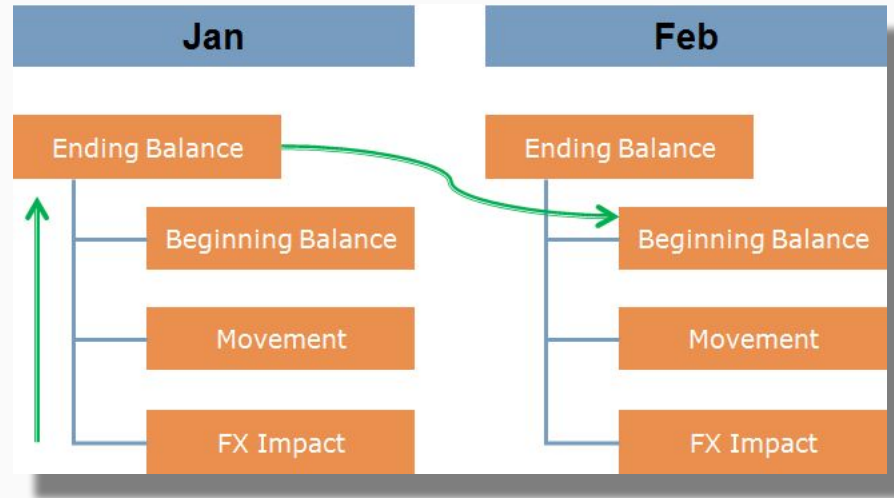
▲ Consolidation
▲ FCCS_Contribution 🔑
FCCS_Elimination 🔑
FCCS_Proportion
▲ FCCS_Entity Total
FCCS_Entity Input
FCCS_Entity Elimination Adj
FCCS_Entity Consolidation

Data Source Dimension

- Helps in tracking the source of data. Members depend on Application structure.
- Data Input
 - Manually entered data through forms\Smartview
- Managed Data
 - Data loaded using Data Management
- Supplemental Data
 - Data posted from supplemental data manager
- Journal Data
 - Data posted using journals
- Intercompany Eliminations
 - Intercompany eliminations data
- Other Data
 - Data from any other source

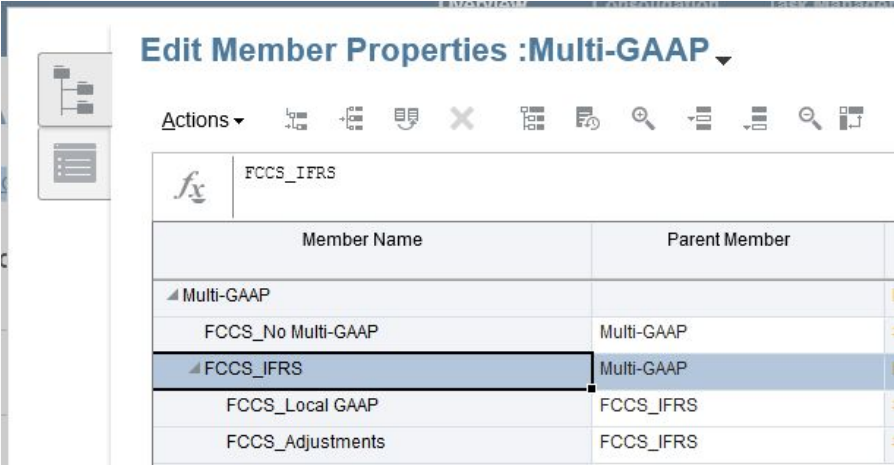
Movement Dimension

- Automated Roll Forwards
- Automated Cash Flow
- FX calculations
- CTA redirection



Multi GAAP Dimension

- Optional dimension if reporting in local GAAP and IFRS required.
- This counts towards one of the 2 custom dimension.
- Two options
 - Enter GAAP adjustment manually
 - Calculate GAAP adjustment
- Addition GAAP hierarchies can be added as required.



Member Name	Parent Member
Multi-GAAP	Multi-GAAP
FCCS_No Multi-GAAP	Multi-GAAP
FCCS_IFRS	Multi-GAAP
FCCS_Local GAAP	FCCS_IFRS
FCCS_Adjustments	FCCS_IFRS

Hands On Sessions

Exercise

- Import and Export Metadata
- Creating Forms - Gateway to Data
- Import and Export Data
- Working with Smartview
- User Security
 - Assigning Roles
 - Artifact Security
 - Data Security
- Audit Log
- Migration


FCCS File Explore

- Login
- Click on Application -> Overview.
- Select Actions and then select Inbox\Outbox folder.
- Explore the folder.
- Try downloading and uploading files.

Import and Export Metadata

- Login
- Click on Application -> Overview -> Dimensions Tab.
- Click on **Export** and then Create.
- Select Local to point the exported file to be downloaded locally.
- Select outbox to export the file to the application's file folder. One can also save this as a job. Select Account and Entity dimension.
- If saved as a Job, goto Home -> Application -> Jobs -> Schedule Jobs.
- Select the job as 'Export Metadata', Select 'Run Now' and click on Next.
- Select the job create in the above steps and click on Next.
- Click on Finish to start the export job.
- Edit the downloaded entity file and add an additional entity.
- Repeat the above steps for **Import** Metadata action to import back the metadata file.

Data Forms

- Data forms are multi dimensional templates used for viewing, analyzing and entering data.
- Click on Navigator and then Forms under 'Create and Manage' section.
- On the Form and Folders dialog, explore the library on the left hand panel.
- Create additional folders as required.
- Select a folder and on the right hand side, click on Create Form 
- Give a form name, description and click on Next.
- In the layout tab, drag and drop the Account dimension on the row, Period dimension on the column and Entity dimension on the page dimension.
- Next for each dimension, click on the member selector icon and select members. Dimensions on row, column and page can have multiple member selections. All other dimensions can only have one member selection.
- Create two forms, one at the top nodes of Income Statement and another one using the leaf level member for data entry.

Data Forms

POV for Data Entry Form

Scenario	: Actual
Year	: 2016
Period	: Jan to Dec
View	: Periodic
Entity	: Vision Germany, Vision Netherlands on the page dimension
Account	: Descendants(Sales) on the row
Consolidation	: Entity Input
Currency	: Entity Currency
Intercompany	: No Intercompany
Movement	: Changes in Net Income
Product	: Descendants(Computers) on the column
Data Source	: Data Input
Multi GAAP	: Local GAAP

Import and Export Data

- Login
- Click on Application -> Overview -> Actions -> **Import Data**.
- Select Local to point the exported file to be downloaded locally.
- Select outbox to import the file from the application's file folder. One can also save this as a job.
- Format of the file
 - CSV or TXT (tab delimited)
 - First row is header followed by data records
 - Point of View must be in appropriate order
 - Consolidation, Currency, Entity, Data Source, Intercompany, Movement, Scenario, Year, View and Multi GAAP
 - Last column is the cube name
- Import Mode
 - Merge : Only matching records are overwritten
 - Replace : All records for S\Y\P & Entity are deleted.
- Accumulation Type
 - Incremental addition to the balances

Period, Sales, Point-of-View, Data Load Cube Name

Jan, 100, "FCCS_Entity Input, ENTITY CURRENCY, England, FCCS_Data Input, FCCS_No Intercompany, FCCS_No Movement, Actual, FY14, Periodic, FCCS_Local GAAP", Consol

Feb, 150, "FCCS_Entity Input, ENTITY CURRENCY, England, FCCS_Data Input, FCCS_No Intercompany, FCCS_No Movement, Actual, FY14, Periodic, FCCS_Local GAAP", Consol

Mar, 120, "FCCS_Entity Input, ENTITY CURRENCY, England, FCCS_Data Input, FCCS_No Intercompany, FCCS_No Movement, Actual, FY14, Periodic, FCCS_Local GAAP", Consol

Import and Export Data

- Login
- Click on Application -> Overview -> Actions -> **Export** Data.
- Select Local to point the exported file to be downloaded locally.
- Select outbox to export the file to the application's file folder. One can also save this as a job.
- Select the POV
 - Rows : Select Entity Dimension and then add filters
 - Columns : Select Account Dimension and then add filters
 - Add filters for all other dimensions in the POV column
- Click on Export
- Save the zip file to a location.
- Explore the exported data file.

Working with Smartview

- Installing Smartview :
https://docs.oracle.com/en/cloud/saas/enterprise-performance-management-common/cgsus/2_working_with_epm_clients_download_locs.html
- Login
- On the Home page, access Settings and Actions by clicking your user name at the top right corner of the screen.
- Click to download smartview. Navigate to OTN and download Smartview.
- Execute the exe file to install SV by selecting the default options.

Working with Smartview

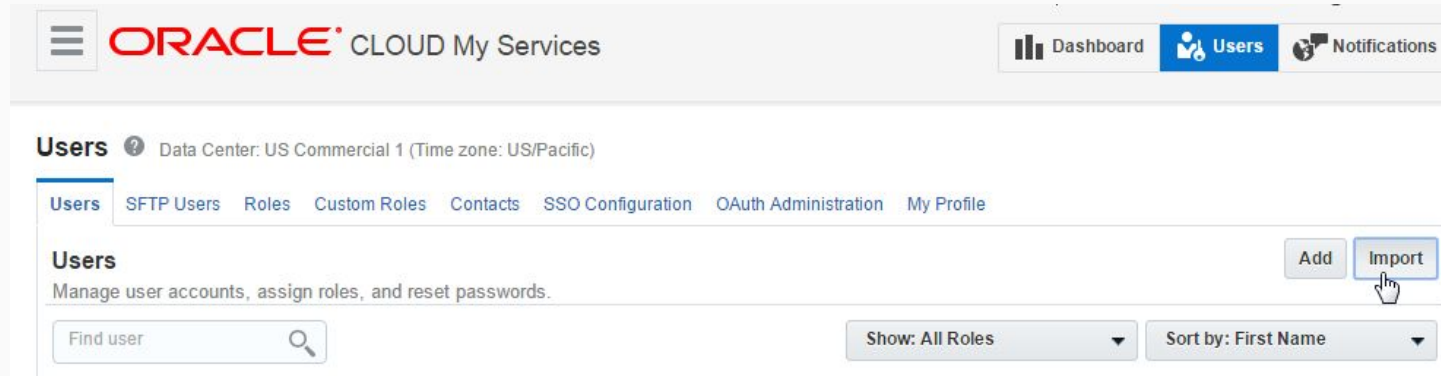
- After installation, open excel. You should be able to see a tab for Smartview. Click on it.
- Click on Panel button on the ribbon.
- Select Private Connections on the right hand pane.
- In the 'Select Server or enter provider', paste the below url
 - <https://ucf4-epm1154-gse.oracledemos.com/HyperionPlanning/SmartView>
- Enter username\password to your cloud instance first and then to login to the application.
- Note : The credentials are saved by smartview for future logins.
- Once the connection is established, you will see a tree in the right hand pane. Navigate the tree to select the FCCS application.
- Under library, all the forms from the library will be shown.
- Open the form create in the previous lessons.

Working with Smartview

- Click on Adhoc analysis
- Explore the below functionalities of smartview
 - Move dimensions from grid to POV ribbon and vice versa
 - Navigate the hierarchy of dimensions on the grid
 - Use Zoom In and Zoom Out feature
 - Use Keep only and Remove only feature
- Navigate to child level cells and input data. Submit Data.

Security Management

- Security is managed through multi layered approach
- System Roles and Privileges together determine access
- Step 1 : Identity Domain Administrator role is given when any Oracle Cloud service is purchased.
- Using IDA role, user can login into Oracle Cloud My Services. Click on Users.
- Step 2 : Create New users or Import users from a flat file.



Security Management

- Step 3 : Assign System Roles
 - Four Predefined roles for FCCS
- 1) **Service Administrator** : Performs all Oracle Financial Consolidation and Close Cloud functional activities, including granting roles to users.
 - 2) **Power User** : Views and Interacts with data. Maintains forms, Consolidates data, Controls Approval process, Data Integration.
 - 3) **User** : Inputs Data, Journals, Analyses data. Data Management access if application role is given.
 - 4) **Viewer** : Views and analyzes data through forms and any data access tools such as reports. This role typically should be assigned to executives who need to view consolidation and close reports.

Add User

* First Name: mike
* Last Name: roger
* Email: mike.roger@example.com
Use email as user name: ☒
Manager Email: username@example.com

Roles
Select the roles you would like to assign to the user. You can either use the simple role selection or the advanced selection. Selected roles will be reset if you switch between the two selection mechanisms to ensure consistency.

► Simple Role Selection
▲ Advanced Role Selection

Available Roles

- businessintelltrial3523db Database Developer
- businessintelltrial3523db Database User
- integrationtrial3151 Oracle Integration Cloud Service Monitors Role
- integrationtrial3151 Oracle Integration Cloud Service Runtime Role
- integrationtrial3151 Oracle Integration Cloud Service Users Role

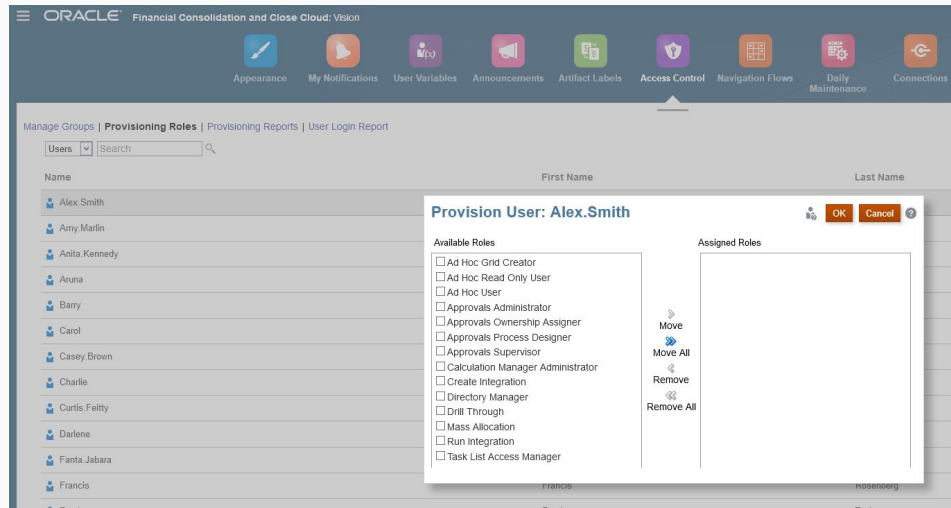
Assigned Roles

- integrationtrial3151 Oracle Integration Cloud Service Administrators

Add Cancel

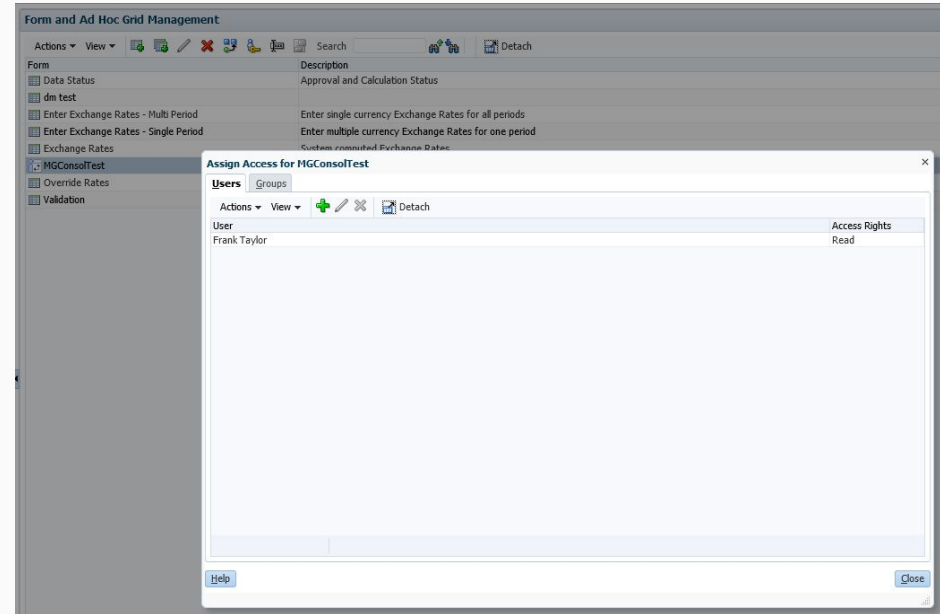
Security Management

- Step 4 : Assign Application Roles
- Granular roles to further **enhance** access privileges. Granted by Service administrator.
- Example : Administering Process Unit approval to Users with 'User' role.
- Accessed through Tools - Access Control. Only limited roles available for enhancement.

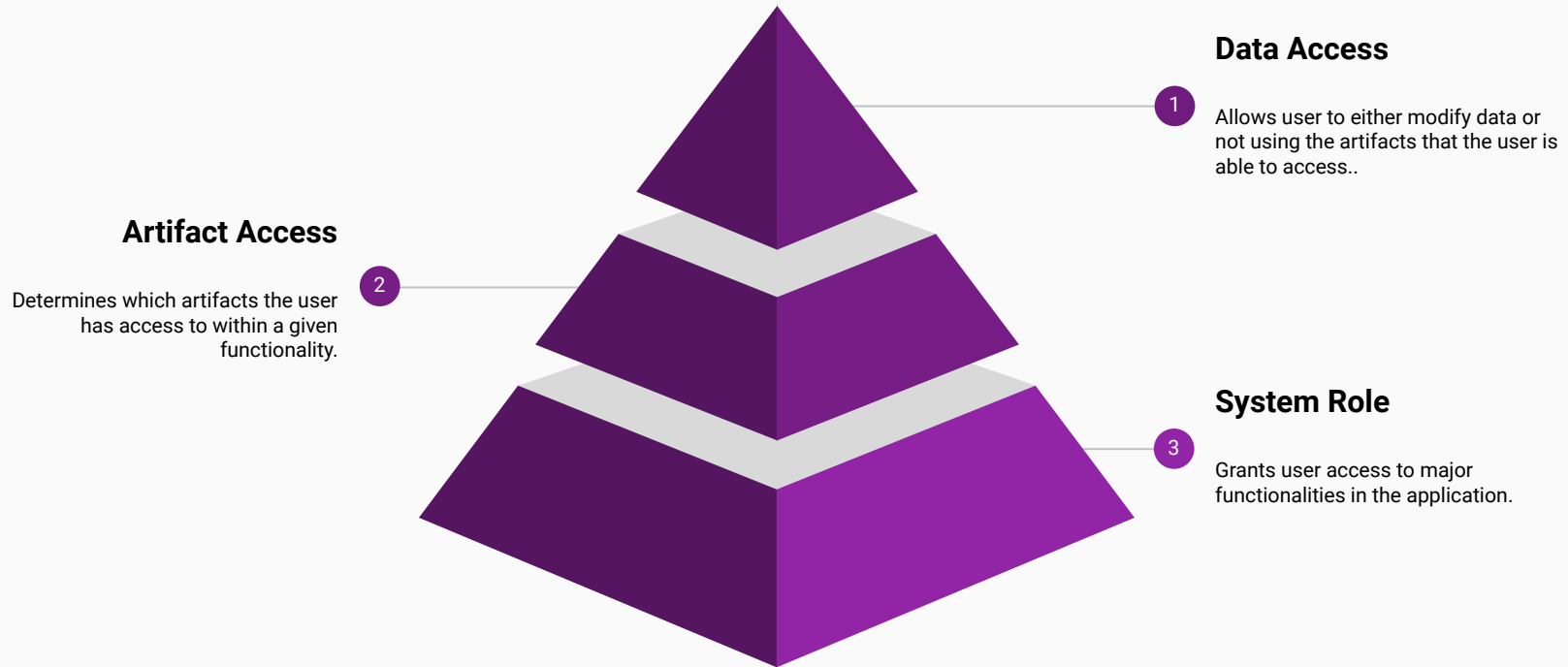


Security Management

- Step 5 : Assigning Artifact Access.
 - Modify, Read or None access can be given to artifacts such as Forms, Tasklist, Reports etc.
- Step 6 : Assigning Data Access.
 - Write, Read or None access can be give to members of a dimension.
 - Dimension Security can be enabled or disabled.
 - Least restrictive security access is applied.



Security Management Summary



Audit Log

- Navigate to Home Page -> Tools -> Audit.
- Apply Filters
 - Task Group
 - Action
 - User
 - Start Time
 - End Time
- Export to Excel

Migration

- Navigate to Home Page -> Tools -> Migration.
- Explore artifact repository.
- Select artifacts and export. Specify snapshot name.
- Browse File system. Select snapshot and import into the application.
- Export single artifact for edit and import it back.

Thanks!

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