

# Oracle® Fusion Cloud EPM

## Getting Started with Integration



E96253-45

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Oracle Fusion Cloud EPM Getting Started with Integration,

E96253-45

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# 1

## Creating and Running an EPM Center of Excellence

A best practice for EPM is to create a CoE (Center of Excellence).

An **EPM CoE** is a unified effort to ensure adoption and best practices. It drives transformation in business processes related to performance management and the use of technology-enabled solutions.

Cloud adoption can empower your organization to improve business agility and promote innovative solutions. An EPM CoE oversees your cloud initiative, and it can help protect and maintain your investment and promote effective use.

The EPM CoE team:

- Ensures cloud adoption, helping your organization get the most out of your Oracle Fusion Cloud EPM investment
- Serves as a steering committee for best practices
- Leads EPM-related change management initiatives and drives transformation

All customers can benefit from an EPM CoE, including customers who have already implemented EPM.

### How Do I Get Started?

Click to get best practices, guidance, and strategies for your own EPM CoE: [Introduction to EPM Center of Excellence](#).

### Learn More

- Watch the Cloud Customer Connect webinar: [Creating and Running a Center of Excellence \(CoE\) for Cloud EPM](#)
- Watch the videos: [Overview: EPM Center of Excellence](#) and [Creating a Center of Excellence](#).
- See the business benefits and value proposition of an EPM CoE in *Creating and Running an EPM Center of Excellence*.





# 2

## About Integration for Cloud EPM

This guide helps you get started with integration for Oracle Fusion Cloud Enterprise Performance Management.

Review the topics for each service to learn about integration options and get started with integration.

- Account Reconciliation
- Enterprise Data Management
- Enterprise Profitability and Cost Management
- Financial Consolidation and Close
- Narrative Reporting
- FreeForm
- Planning
- Planning Modules
- Profitability and Cost Management
- Tax Reporting

# 3

## Account Reconciliation Integration

These topics introduce you to the integration options for Oracle Fusion Cloud Enterprise Performance Management.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Account Reconciliation

Review this list to understand the options for integrating with Oracle Fusion Cloud Enterprise Performance Management.

**Table 3-1 Integrating with Account Reconciliation**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configuring Single Sign-On	Administrators and end users
<b>Business Scenarios</b> See some examples of integrating business scenarios in EPM Cloud.	
Adding Pre-built Integrations within the EPM Cloud	Administrators
<b>Integrate Your Data</b> Understand some of the ways you can integrate data.	
Understanding Data Loads Using Data Integration	Administrators
<a href="#">Manage Enterprise Data</a>	Administrators
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"><li>• A set of REST APIs</li><li>• The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li></ul>	
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers
Load Preformatted Balances into a Period	Administrators and developers
Upload and Import a Backup Snapshot	Administrators and developers

## Integrate Using Data Management for Account Reconciliation

You can integrate using Data Management for Account Reconciliation.

See [Administering Data Management for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using EPM Automate for Account Reconciliation

You can integrate using EPM Automate for Account Reconciliation.

See [Working with EPM Automate for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using REST APIs for Account Reconciliation

You can integrate using REST APIs with Account Reconciliation.

See [REST API for Enterprise Performance Management Cloud](#).

# 4

## Cloud EDM Integration

These topics introduce you to the integration options for Oracle Fusion Cloud Enterprise Data Management.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Cloud EDM

Review this list to understand the options for integrating with Cloud EDM.

Cloud EDM is available as a standalone cloud service, as well as a business process with limited records within EPM Enterprise Cloud Service. See Available Enterprise Data Management Options in *Getting Started with Oracle Enterprise Performance Management Cloud for Users*.

**Table 4-1 Integrating with Cloud EDM**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions.	
Configuring Single Signon	Administrators and users
<b>Business Scenarios</b> See integration business scenarios.	
Integrating with Planning	Administrators and users
Integrating with external applications using a Universal application	
Integrating with Oracle Financial Cloud General Ledger	
Sharing Enterprise Data Across Applications	
Sharing Changes Across Applications	
Comparing Enterprise Data Across Applications	
Managing Enterprise Data as Lists	
Mapping Source Dimensions to Target Dimensions	
Migrating Enterprise Data from Data Relationship Management to Oracle Enterprise Data Management Cloud	
<b>Integrate data and metadata</b> Understand the ways you can integrate data and metadata.	
Working with Planning and FreeForm Applications.	Administrators and users
Working with Oracle Financial Consolidation and Close applications	Administrators and users
Working with Enterprise Profitability and Cost Management Applications	Administrators and users
Working with Tax Reporting Applications	Administrators and users
Working with Oracle Financial Cloud General Ledger applications.	Administrators and users
Working with E-Business Suite General Ledger Applications	Administrators and users

Table 4-1 (Cont.) Integrating with Cloud EDM

Task	Typical Users
Working with Universal applications	Administrators and users
<div><div><div><div><div><span></span></div><div>Note</div></div></div><div>Universal applications provide an open interface to integrate with all other business applications.</div></div></div>	
Exporting Mapping Data	Administrators
Working With Extracts	Administrators and users
Working with Viewpoint Loads	Administrators and users
<b>Integrate with REST APIs</b> Find out how you can integrate EPM Cloud environments using a set of REST APIs	
<a href="#">Oracle Enterprise Data Management REST API</a>	Administrators and developers
<b>Integrate with EPM Automate</b> Find out how you can integrate EPM Cloud environments using the EPM Automate Utility, a command line tool that enables users to remotely perform tasks within Oracle Enterprise Performance Management Cloud environments.	
Oracle Enterprise Data Management Cloud Commands	Administrators and developers

# Integrate Using EPM Automate for Cloud EDM

You can integrate using EPM Automate for Oracle Fusion Cloud Enterprise Data Management.  
See Working with EPM Automate .

# Integrate Using REST APIs for Cloud EDM

You can integrate using REST APIs for Oracle Fusion Cloud Enterprise Data Management.  
See [Enterprise Data Management REST API guide](#).

# 5

## Enterprise Profitability and Cost Management Integration

These topics introduce you to the integration options for Enterprise Profitability and Cost Management.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Enterprise Profitability and Cost Management

Review this list to understand the options for integrating with Enterprise Profitability and Cost Management.

**Table 5-1 Integrating with Enterprise Profitability and Cost Management**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configuring Single Sign-On	Administrators and end users
Working with EPM Cloud Subscriptions	Administrators and end users
Designing Custom Navigation Flows	Administrators and end users
<b>Integrate Your Data and Metadata</b> Understand some of the ways you can integrate data and metadata.	
Data Integration	Administrators
Using EPM Cloud Business Processes in Data Integration	Administrators
Customers Using Enterprise Profitability and Cost Management	Administrators
Importing and Exporting Data	Administrators
Importing Metadata	Administrators
Exporting Metadata	Administrators
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers
<b>Integrate with REST APIs</b> Find out how you can integrate EPM Cloud environments using a set of REST APIs.	
Enterprise Profitability and Cost Management REST APIs	Administrators and developers

**Table 5-1 (Cont.) Integrating with Enterprise Profitability and Cost Management**

Task	Typical Users
<b>Integrate with EPM Automate</b>	
Find out how you can integrate EPM Cloud environments using the EPM Automate Utility, a command line tool that enables users to remotely perform tasks within Oracle Enterprise Performance Management Cloud environments.	
About EPM Automate	Administrators and developers
Enterprise Profitability and Cost Management Commands	Administrators and developers

## Integrate Using Data Integration for Enterprise Profitability and Cost Management

You can integrate data to and from Enterprise Profitability and Cost Management to use in Oracle Fusion Cloud Enterprise Performance Management.

For example, you can define file-based and direct integration sources, create mapping rules to translate source data into the required target format, and execute and manage the periodic data loading process. Common integration tasks are done using an easy-to-navigate interface that supports and conforms to how you work.

Review the following topics:

- Data Integration
- Using EPM Cloud Business Processes in Data Integration
- Customers Using Enterprise Profitability and Cost Management

## Integrate Using REST APIs for Enterprise Profitability and Cost Management

You can integrate using REST APIs for Enterprise Profitability and Cost Management.

See Enterprise Profitability and Cost Management REST APIs.

## Integrate Using EPM Automate for Enterprise Profitability and Cost Management

You can integrate using EPM Automate for Enterprise Profitability and Cost Management.

Review the following topics:

- About EPM Automate
- Enterprise Profitability and Cost Management Commands



# Integrate Using Oracle Analytics Cloud for Enterprise Profitability and Cost Management

You can integrate using Oracle Analytics Cloud for Enterprise Profitability and Cost Management.

See Integrate with Oracle Analytics Cloud (OAC) on the [Oracle Analytics Cloud help center](#).

# 6

## Financial Consolidation and Close Integration

These topics introduce you to the integration options for Financial Consolidation and Close.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Financial Consolidation and Close

Review this list to understand the options for integrating with Financial Consolidation and Close.

**Table 6-1 Integrating with Financial Consolidation and Close**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configure Single Sign-On	Administrators and end users
Connect EPM Cloud Subscriptions	Administrators and end users
Customize and Use Navigation Flows	Administrators and end users
<b>Business Scenarios</b> See some examples of integrating business scenarios in EPM Cloud.	
Integrate Task Manager and EPM Cloud Services	Administrators
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers
<b>Integrate Your Data and Metadata</b> Understand some of the ways you can integrate data and metadata.	
Use Data Integration	Administrators
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"> <li>A set of REST APIs</li> <li>The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li> </ul>	
Integrate with REST APIs	Administrators and developers
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers

**Table 6-1 (Cont.) Integrating with Financial Consolidation and Close**

Task	Typical Users
EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	
Automate the Export of a Large Number of Cells from an Aggregate Storage Cube	
Import Metadata into Application	
Import Data, Run a Calculation Script, and Copy Data from a Block Storage Database to an Aggregate Storage Database	
Export and Download Metadata and Data	
Export and Download Application Data	
Upload a Data File to an Environment and Run a Data Load Rule	
Automate Daily Data Integration	

## Integrate Using Data Management for Financial Consolidation and Close

You can integrate using Data Management for Financial Consolidation and Close.

See *Administering Data Management for Oracle Enterprise Performance Management Cloud*.

## Integrate Using EPM Automate for Financial Consolidation and Close

You can integrate using EPM Automate for Financial Consolidation and Close.

See *Working with EPM Automate for Oracle Enterprise Performance Management Cloud*.

## Integrate Using REST APIs for Financial Consolidation and Close

You can use integrate using REST APIs for Financial Consolidation and Close.

See *REST API for Enterprise Performance Management Cloud*.

## Integrate Using Oracle Analytics Cloud for Financial Consolidation and Close

You can integrate using Oracle Analytics Cloud for Financial Consolidation and Close.

See About Integration on the [Oracle Analytics Cloud help center](#).

# 7

## Narrative Reporting Integration

These topics introduce you to the integration options for Narrative Reporting.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Narrative Reporting

Review this list to understand the options for integrating with Narrative Reporting.

**Table 7-1 Integrating with Narrative Reporting**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can use Single Sign-on. Configuring Single Sign-on	Administrators and end users
<b>Integration of Data via Management Reporting</b> Start learning how you can work with Management Reports: <ul style="list-style-type: none"> <li>• Learning About Reports</li> <li>• Working with the Report Designer</li> </ul>	Administrator, Reports Administrator
<b>Integration of Data and Documents in Report Packages</b> Start learning how you can work with Report Packages: <ul style="list-style-type: none"> <li>• Learning About Report Packages</li> <li>• Learning About Report Packages</li> <li>• Understanding Embedded Content - Doclet Authors</li> </ul>	Administrator, Reports Administrator, Authors, and Approvers
<b>Integration for an Application Model</b> Start learning how you can work with an Application Model: <a href="#">Working with an Application Model</a>	Administrator, Application Administrator
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools: <ul style="list-style-type: none"> <li>• A set of REST APIs</li> <li>• EPM Automate</li> </ul> <a href="#">Enterprise Performance Reporting REST API</a>	Administrators and developers
<ul style="list-style-type: none"> <li>• EPM Automate Commands</li> <li>• Narrative Reporting Commands</li> </ul>	Administrators and developers

### Integrate Using EPM Automate for Narrative Reporting

You can integrate using EPM Automate for Narrative Reporting.

See Narrative Reporting Commands.

# Integrate Using REST APIs for Narrative Reporting

You can integrate using REST APIs for Narrative Reporting.

See [Enterprise Performance Reporting](#).

# 8

## Planning Integration

These topics introduce you to the integration options for Planning.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Planning

Review this list to understand the options for integrating with Planning.

**Table 8-1 Integrating with Planning**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configuring Single Sign-On	Administrators and end users
About Connecting EPM Cloud Subscriptions	Administrators and end users
Customizing Navigation Flows to Access Other EPM Cloud Environments	Administrators and end users
<b>Business Scenarios</b> See some examples of integrating business scenarios in EPM Cloud.	
Managing Integrations with EPM Cloud Services	Administrators
Integrate Strategic Modeling and Planning using Groovy Business Rules	
Integrate Strategic Workforce Planning and Oracle HCM Cloud	
<b>Integrate Your Data and Metadata</b> Understand some of the ways you can integrate data and metadata.	
Use Data Integration	Administrators
Load Data, Write Back, and Synchronize	
Integrate with Oracle General Ledger Cloud	
Write back to the Oracle General Ledger Cloud	
Integrate with Fusion Budgetary Control Cloud	
Integrate with Oracle NetSuite	
Integrate Data Using a File	
Integrate Metadata Using a File	
Integrate Service Instances	
<a href="#">Import and Export Data in Planning</a>	Administrators
Import Metadata in Planning	Administrators
Export Metadata in Planning	Administrators
Manage Enterprise Data	Administrators
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers

**Table 8-1 (Cont.) Integrating with Planning**

Task	Typical Users
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"> <li>A set of REST APIs</li> <li>The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li> <li>Groovy business rules</li> </ul>	
Integrate with REST APIs	Administrators and developers
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
Sample Scenarios for REST APIs	Administrators and developers
Import Metadata into an Application	Administrators and developers
Import Data, Run a Calculation Script, and Copy Data	Administrators and developers
<a href="#">Use Java APIs to Create Groovy Scripts for Rules</a>	
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers
Automate the Export of a Large Number of Cells from an Aggregate Storage Cube	Administrators and developers
Import Metadata into an Application	
Import Data, Run a Calculation Script, and Copy Data from a Block Storage Database to an Aggregate Storage Database	
Export and Download Metadata and Data	
Export and Download Application Data	
Upload a Data File to an Environment and Run a Data Load Rule	
Automate Daily Data Integration	

## Integrate Using Data Integration for Planning

You can integrate using Data Integration for Planning.

For example, you can define file-based and direct integration sources, create mapping rules to translate source data into the required target format, and execute and manage the periodic data loading process. Common integration tasks are done using an easy-to-navigate interface that supports and conforms to how you work. See *Data Integration*.

## Integrate Using Data Management for Planning

You can integrate using Data Management for Planning.

See *Administering Data Management for Oracle Enterprise Performance Management Cloud*.

## Integrate Using EPM Automate for Planning

You can integrate using EPM Automate for Planning.

See [Working with EPM Automate for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using REST APIs for Planning

You can integrate using REST APIs for Planning.

See REST API for Enterprise Performance Management Cloud.

## Integrate Using Oracle Analytics Cloud for Planning

You can integrate using Oracle Analytics Cloud for Planning.

See About Integration with Planning on the [Oracle Analytics Cloud help center](#).



# 9

## FreeForm Integration

These topics introduce you to the integration options for FreeForm.

Review the [topic map](#) to get an overview.

### Integration Topic Map for FreeForm

Review this list to understand the options for integrating with FreeForm.

**Table 9-1 Integrating with FreeForm**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configure Single Sign-on	Administrators and end users
Connect EPM Cloud Environments	Administrators and end users
Customize and Use Navigation Flows	Administrators and end users
<b>Business Scenarios</b> See some examples of integrating business scenarios in EPM Cloud.	
Integrate Strategic Modeling and Planning using Groovy Rules	Administrators
<b>Integrate Your Data and Metadata</b> Understand some of the ways you can integrate data and metadata.	
Use Data Integration	Administrators
Import and Export Data in FreeForm	Administrators
Import Metadata in FreeForm	Administrators
Export Metadata in FreeForm	Administrators
Manage Enterprise Data	Administrators
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"> <li>A set of REST APIs</li> <li>The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li> <li>Groovy business rules</li> </ul>	
Integrate with REST APIs	Administrators and developers
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
Sample Scenarios for REST APIs	Administrators and developers

**Table 9-1 (Cont.) Integrating with FreeForm**

Task	Typical Users
Import Metadata into an Application Import Data, Run a Calculation Script, and Copy Data <a href="#">Use Java APIs to Create Groovy Scripts for Rules</a>	Administrators and developers
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers
Import Metadata into an Application Import Data, Run a Calculation Script, and Copy Data Export and Download Metadata and Data Export and Download Application Data Upload a Data File to an Environment and Run a Data Load Rule Back up Application Snapshots Automate Daily Data Integration	Administrators and developers

## Integrate Using Data Integration for FreeForm

You can integrate using Data Integration for FreeForm.

For example, you can define file-based and direct integration sources, create mapping rules to translate source data into the required target format, and execute and manage the periodic data loading process. Common integration tasks are done using an easy-to-navigate interface that supports and conforms to how you work. See *Data Integration*.

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## Integrate Using Data Management for FreeForm

You can integrate using Data Management for FreeForm.

See *Administering Data Management for Oracle Enterprise Performance Management Cloud*.

## Integrate Using EPM Automate for FreeForm

You can integrate using EPM Automate for FreeForm.

See [Working with EPM Automate for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using REST APIs for FreeForm

You can integrate using REST APIs for FreeForm.

See *REST API for Enterprise Performance Management Cloud*.

# 10

## Planning Modules Integration

These topics introduce you to the integration options for Planning Modules.

Review the [topic map](#) to get an overview.

### Integration Topic Map for Planning Modules

Review this list to understand the options for integrating with Planning Modules.

**Table 10-1 Integrating with Planning Modules**

Task	Typical Users
<b>Integrate EPM Cloud services</b>	
Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configure Single Sign-on	Administrators and end users
Connect EPM Cloud Subscriptions	Administrators and end users
Customize and Use Navigation Flows	Administrators and end users
<b>Business Scenarios</b>	
See some examples of integrating business scenarios in EPM Cloud.	
Integrate Task Manager and EPM Cloud Services	Administrators
Integrate Business Processes for Planning Modules	
Integrate the EPM Planning Financials module and Budgetary Control	
Integrate the EPM Planning Projects module and Project Management	
Integrate Workforce and Oracle HCM Cloud	
Integrate Strategic Modeling and Planning	
<a href="#">Integrate Planning Modules and Profitability and Cost Management for IT Financial Management</a>	
<b>Integrate Your Data and Metadata</b>	
Understand some of the ways you can integrate data and metadata.	
Data Integration	Administrators
Load Data, Write Back, and Synchronize	
Integrate with Oracle General Ledger Cloud	
Write back to the Oracle General Ledger Cloud	
Integrate with Fusion Budgetary Control Cloud	
<a href="#">Load data from the Oracle ERP Cloud</a>	
Integrate with Oracle NetSuite	
Integrate Data Using a File	
Integrate Metadata Using a File	
Integrate Service Instances	
Import and Export Data in Planning	Administrators

**Table 10-1 (Cont.) Integrating with Planning Modules**

Task	Typical Users
Import Metadata in Planning	Administrators
Export Metadata in Planning	Administrators
Manage Enterprise Data	Administrators
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"> <li>• A set of REST APIs</li> <li>• The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li> <li>• Groovy business rules</li> </ul>	
Integrate with REST APIs	Administrators and developers
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
Sample Scenarios for REST APIs	Administrators and developers
Import Metadata into an Application	Administrators and developers
Import Data, Run a Calculation Script, and Copy Data	Administrators and developers
<a href="#">Use Java APIs to Create Groovy Scripts for Rules</a>	
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers
Automate the Export of a Large Number of Cells from an Aggregate Storage Cube	Administrators and developers
Import Metadata into Application	
Import Data, Run a Calculation Script, and Copy Data from a Block Storage Database to an Aggregate Storage Database	
Export and Download Metadata and Data	
Export and Download Application Data	
Upload a Data File to an Environment and Run a Data Load Rule	
Automate Daily Data Integration	

## Integrate Using Data Integration for Planning Modules

You can integrate using Data Integration for Planning Modules. For example, you can define file-based and direct integration sources, create mapping rules to translate source data into the required target format, and execute and manage the periodic data loading process. Common integration tasks are done using an easy-to-navigate interface that supports and conforms to how you work.

See [Data Integration](#) .

## Integrate Using Data Management for Planning Modules

You can integrate using Data Management for Planning Modules.

See [Administering Data Management for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using REST APIs for Planning Modules

You can integrate using REST APIs for Planning Modules.

See [REST API for Enterprise Performance Management Cloud](#).

## Integrate Using EPM Automate for Planning Modules

You can integrate using EPM Automate for Planning Modules.

See [Working with EPM Automate for Oracle Enterprise Performance Management Cloud](#).

## Integrate Using Oracle Analytics Cloud for Planning Modules

You can integrate using Oracle Analytics Cloud for Planning Modules.

See [About Integration with Planning on the Oracle Analytics Cloud help center](#).

# Profitability and Cost Management Integration

These topics introduce you to the integration options for Profitability and Cost Management.

Review the [topic map](#) to get an overview.

## Integration Topic Map for Profitability and Cost Management

Review this list to understand the options for integrating with Profitability and Cost Management.

**Table 11-1 Integrating with Profitability and Cost Management**

Task	Typical Users
<b>Integrate EPM Cloud services</b>	
Start by learning how you can integrate EPM Cloud subscriptions.	
Configuring Single Sign-on	Administrators and end users
Connecting Environments in EPM Cloud	Administrators
<b>Business Scenarios</b>	
See some examples of integrating business scenarios in EPM Cloud.	
Business Scenario: Streamlining Your General Ledger with Oracle Profitability and Cost Management Cloud	Administrators
Business Scenario: IT Financial Management in EPM Cloud	Administrators
<b>Integrate Your Data and Metadata</b>	
Understand some of the ways you can integrate data and metadata.	
Using Data Management	Administrators
Data Load, Synchronization, and Write Back	Administrators
Updating Dimensions with Flat Files	Administrators
Integrating Oracle ERP Cloud Oracle General Ledger Applications	Administrators
Writing Back to the Oracle ERP Cloud	Administrators
Loading Budgetary Control Budget Consumption Balances to the EPM Cloud Process Description	Administrators
Process Description for Integrating Oracle NetSuite	Administrators
Using Data Management with Multiple Oracle Cloud EPM Deployments	Administrators
Integrating File-Based Data Process Description	Administrators
About Oracle Enterprise Database Management Cloud	Administrators
<b>Integrate with REST APIs</b>	
Find out how you can integrate EPM Cloud environments using a set of REST APIs.	
Profitability and Cost Management REST APIs	Administrators and developers
<b>Integrate with EPM Automate</b>	

**Table 11-1 (Cont.) Integrating with Profitability and Cost Management**

Task	Typical Users
Find out how you can integrate EPM Cloud environments using the EPM Automate Utility, a command line tool that enables users to remotely perform tasks within Oracle Enterprise Performance Management Cloud environments.	
Profitability and Cost Management Commands	Administrators and developers
<b>Sample EPM Automate Scenarios for Profitability and Cost Management</b>	
Import Metadata into Application	Administrators and developers
Import Data and Run Program Rules	Administrators and developers

## Integrate Using Data Management for Profitability and Cost Management

You can integrate using Data Management for Profitability and Cost Management.

Review the following topics:

- Using Data Management
- [Integrating Data](#)

## Integrate with REST APIs for Profitability and Cost Management

You can use REST APIs to integrate with Profitability and Cost Management.

See Profitability and Cost Management REST APIs .

## Integrate Using EPM Automate for Profitability and Cost Management

You can integrate using EPM Automate for Profitability and Cost Management.

Review these topics:

- About EPM Automate
- Profitability and Cost Management Commands

# Tax Reporting Integration

These topics introduce you to the integration options for Tax Reporting.

Review the [topic map](#) to get an overview.

## Integration Topic Map for Tax Reporting

Review this list to understand the options for integrating with Tax Reporting.

**Table 12-1 Getting Started Topic Map**

Task	Typical Users
<b>Integrate EPM Cloud services</b> Start by learning how you can integrate EPM Cloud subscriptions and navigation flows.	
Configure Single Sign-on	Administrators and end users
Connect EPM Cloud Subscriptions	Administrators and end users
Customize and Use Navigation Flows	Administrators and end users
<b>Business Scenarios</b> See some examples of integrating business scenarios in EPM Cloud.	
Task Manager Integrations with EPM Cloud Services	Administrators
<b>Integrate Your Data and Metadata</b> Understand some of the ways you can integrate data and metadata.	
Use Data Integration	Administrators
Manage Enterprise Data	Administrators
Integrate Data Using a File	
Integrate Metadata Using a File	
Integrate with Oracle Analytics Cloud (OAC)	Administrators and developers
<b>Integrate with APIs and EPM Automate</b> Find out how you can integrate EPM Cloud environments using these powerful tools:	Administrators and developers
<ul style="list-style-type: none"> <li>A set of REST APIs</li> <li>The EPM Automate Utility, a command line tool that is implemented on top of the REST APIs</li> </ul>	
REST API for Oracle Enterprise Performance Management Cloud	Administrators and developers
EPM Automate	Administrators and developers
Integrate with EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	Administrators and developers



**Table 12-1 (Cont.) Getting Started Topic Map**

Task	Typical Users
EPM Automate	Administrators and developers
Sample Scenarios for EPM Automate	
Automate the Export of a Large Number of Cells from an Aggregate Storage Cube	
Import Metadata into Application	
Import Data, Run a Calculation Script, and Copy Data from a Block Storage Database to an Aggregate Storage Database	
Export and Download Metadata and Data	
Export and Download Application Data	
Upload a Data File to an Environment and Run a Data Load Rule	
Automate Daily Data Integration	

## Integrate Using Data Management for Tax Reporting

You can integrate using Data Management for Tax Reporting.

See *Administering Data Management for Oracle Enterprise Performance Management Cloud*.

## Integrate Using EPM Automate for Tax Reporting

You can integrate using EPM Automate for Tax Reporting.

See *Working with EPM Automate for Oracle Enterprise Performance Management Cloud*.

## Integrate Using REST APIs for Tax Reporting

You can integrate using REST APIs for Tax Reporting.

See *REST API for Enterprise Performance Management Cloud*.

## Integrate Using Oracle Analytics Cloud for Tax Reporting

You can integrate using Oracle Analytics Cloud for Tax Reporting.

See *Integrate with Oracle Analytics Cloud (OAC)* on the [Oracle Analytics Cloud help center](#).