

**Oracle Assets Configurations for Oracle
Utilities Work and Asset Cloud Service
Integration to Oracle Assets**

Setup Guide

Release 24C

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Oracle Fusion Assets Cloud Configurations for Oracle Utilities Work and Asset Cloud Service Integration to
Oracle Assets Setup Guide, Release 24C

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Preface

Welcome to the Oracle Assets Setup Guide for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Assets, release 24C. Oracle Assets (mentioned here) is a part of the Oracle Fusion Cloud Financials. This document focuses on the Oracle Assets configurations and administration information required for the integration.

Please note that the screenshots and images provided in this document are sample references based on the current release of Oracle Assets configurations for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Assets. They may change based on changes in the future releases.

The preface includes the following:

- [Audience](#)
- [Documentation and Resources](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Abbreviations](#)

Audience

This document is intended for anyone implementing the integration of the following products with Oracle Assets:

- Oracle Utilities Work and Asset Cloud Service

Documentation and Resources

For more information regarding this integration, foundation technology and the edge applications, refer to the following documents:

Product Documentation

Resource	Location
Oracle Utilities Work and Asset Cloud Service Integration to Oracle Assets documentation	https://docs.oracle.com/en/industries/energy-water/integrations-index.html
Oracle Utilities Work and Asset Cloud Service documentation	https://docs.oracle.com/en/industries/energy-water/work-asset-cloud-service/index.html
Oracle Assets documentation	https://docs.oracle.com/en/cloud/saas/financials/24d/faalm/index.html

Additional Documentation

Resource	Location
Oracle Integration Cloud Service documentation	Refer to the OIC documentation at: https://docs.oracle.com/en/cloud/paas/integration-cloud/index.html
Oracle Support	Visit My Oracle Support at https://support.oracle.com regularly to stay informed about updates and patches. Refer to the <i>Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)</i> on My Oracle Support to determine if support for newer versions of the listed products is included. For more information, refer to the Oracle Utilities Integrations page at http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm
Oracle Technology Network (OTN) latest versions of documents	http://www.oracle.com/technetwork/index.html
Oracle University for training opportunities	http://education.oracle.com/

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support for the hearing impaired. Visit: <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs>

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Abbreviations

This document includes the following abbreviations:

Term	Expanded Form
ERP	Enterprise Resource Planning
WACS	Oracle Utilities Work and Asset Cloud Service
OIC	Oracle Integration Cloud
OA	Oracle Assets
FBDI	File Based Data Import process of Oracle Fusion Cloud

Chapter 1

Overview

This chapter focuses on the configurations required for Oracle Assets in order to make the integration work. It includes the following:

- [Integration Overview](#)
- [Pre-requisites](#)
- [Design Details](#)

Integration Overview

Oracle Assets is the central repository of assets records primarily responsible for asset management and financial accounting on assets. Oracle Utilities Work and Asset Cloud Service also provides operational asset management primarily receipt, installation, maintenance, tracking, and removal of assets.

Oracle Utilities Work and Asset Cloud Service integration to Oracle Assets integrates assets transactions from Oracle Utilities Work and Asset Cloud Service to Oracle Assets. Based on whether these activities are tracked through projects or not, assets will be added, adjusted and retired in Oracle Assets through the following assets:

- Project Assets
- Fixed Assets

This seamless integration between Oracle Assets and Oracle Utilities Work and Asset Cloud Service helps to automate flow of assets and related information between the two platforms.

The implementation details are available at: <https://docs.oracle.com/en/industries/energy-water/integrations-index.html>

Pre-requisites

The pre-requisites to import files that come as part of the package are:

- Oracle Assets in Oracle Fusion ERP Cloud has been implemented and standard configurations are been done to support the integration.
- Oracle Integration Cloud should be available for the integration activities.
- Oracle Utilities Work and Asset Cloud Service integration system should be up and running for the interface.
- The required interface file staging area (sFTP server or Oracle Object Storage) is available.

Design Details

This section describes the design details of the integration:

- [Asset Additions from Oracle Utilities Work and Asset Cloud Service to Oracle Assets](#)
- [Asset Adjustments from Oracle Utilities Work and Asset Cloud Service to Oracle Assets](#)
- [Asset Retirements from Oracle Utilities Work and Asset Cloud Service to Fixed Assets](#)

Asset Additions from Oracle Utilities Work and Asset Cloud Service to Oracle Assets

Assets added in Oracle Utilities Work and Asset Cloud Service will be added in Oracle Assets either as Project Capital Assets or as Fixed Assets.

- **Project Asset Additions to Project Capital Assets:** The assets added through a project associated with Oracle Utilities Work and Asset Cloud Service construction work activity will be integrated as adding the Project Capital Assets in Oracle Fusion Cloud ERP. The integration will create project asset and asset assignment definition in the Oracle Fusion Cloud ERP project through Import Asset and Assignments Process FBDI. The project asset cost will be derived from project transactions by standard project processes of Oracle Fusion Cloud ERP and not in the scope of the integration.
- **Non-Project Asset Additions to Fixed Assets:** The assets added in Oracle Utilities Work and Asset Cloud Service without an associated project will be integrated as an addition of Fixed Assets through Fixed Assets Mass Additions FBDI.

Example: Addition of Capital Spare Assets and Customer Contributed Assets in Oracle Utilities Work and Asset Cloud Service are integrated as Fixed Assets in Oracle Assets.

Asset Adjustments from Oracle Utilities Work and Asset Cloud Service to Oracle Assets

Asset Adjustments will be done for project and non-project assets.

- **Project Asset Adjustments to Project Capital Assets:** Asset cost or unit changes done through the project associated with Oracle Utilities Work and Asset Cloud Service construction work activities for already existing Fixed Assets in Oracle Fusion Cloud ERP, are sent as project asset adjustments in Oracle Fusion Cloud ERP. The unit adjustment in Oracle Assets will be done through Fixed Assets Mass Transfers Import FBDI. The project asset cost adjustment will be derived from project transactions by standard project processes of Oracle Fusion Cloud ERP and not in scope of this integration.

Example: Capital Spare Asset installation through the project associated with Oracle Utilities Work and Asset Cloud Service construction work activity will be integrated as an adjustment to project assets in Oracle Assets to add installation cost to the existing fixed asset cost.
- **Non-Project Asset Adjustments to Fixed Assets:** Asset cost or unit changes in Oracle Utilities Work and Asset Cloud Service for non-project assets will be integrated as Fixed Assets adjustments in Oracle Assets. The unit adjustment will be done through Fixed Assets Mass Transfers Import FBDI and cost adjustment will be done through Fixed Assets Mass Adjustments Import FBDI.

Asset Retirements from Oracle Utilities Work and Asset Cloud Service to Fixed Assets

Asset Retirements of individually tracked assets in Oracle Utilities Work and Asset Cloud Service will be integrated as Asset Retirements in Fixed Assets through Fixed Assets Mass Retirements Import FBFI.

Chapter 2

Oracle Assets Configurations

This chapter provides information about the Oracle Assets configurations that have to be set on top of the standard Oracle Assets attributes based on the Oracle Utilities Work and Asset Cloud Service asset information. The following are described:

- [Capturing Additional Oracle Utilities Work and Asset Cloud Service Attributes](#)
- [Configuring BI Reports](#)
- [Configuring the Skipping of Expense Account Validation](#)

Capturing Additional Oracle Utilities Work and Asset Cloud Service Attributes

The following Oracle Utilities Work and Asset Cloud Service attributes will also be captured against asset definition as descriptive flexfields for both project assets and fixed assets:

- Customer Contributed Flag
- Activity ID
- Work Order ID
- Work Order Number

Following are the configurations for capturing attributes:

- [Configuring Project Assets Descriptive Flexfields](#)
- [Configuring Fixed Assets Descriptive Flexfields](#)

Please note that the screenshots and images provided in this document are sample references based on the current release of Oracle Assets configurations for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Assets. They may change based on changes in the future releases.

Configuring Project Assets Descriptive Flexfields

To configure the Oracle Utilities Work and Asset Cloud Service attributes in Project Assets Descriptive Flexfield:

1. Go to **Navigator > Setup and Maintenance** and search for “Manage Project Costing Descriptive Flexfields”.
2. Click **Manage Project Costing Descriptive Flexfields**.
3. Search for “Project Assets”.
4. Click the **Project Assets** descriptive flexfield and click the **Edit** icon.

Manage Project Costing Descriptive Flexfields

Search

Name

Flexfield Code

Module

Search Results

Name	Type	Module	Flexfield Code	Entity Usages	Description	Deployment Status	Deployment Error Message	Deployment Date
Capitalized Interest Rates	Descriptive ...	Setup	PJC_CINT_RATE_NAMES_DESC_FLEX		Fields for capital...	✓		3/23/17 12:20 PM
Project Allocation Rule	Descriptive ...	Setup	PJC_ALLOC_RULES_DESC_FLEX		Fields for projec...	✓		3/23/17 12:23 PM
Project Assets	Descriptive ...	Capitalization	PJC_PRI_ASSETS_DESC_FLEX		Master Flexfield...	✓		1/17/23 1:54 PM

5. Click **+** to add the following Global Segments. Save each record.

Edit Descriptive Flexfield: Project Assets

Name: Project Assets

Flexfield Code: PJC_PRI_ASSETS_DESC_FLEX

Description: Master Flexfield Usage

Segment Separator: /

Application: Project Costing

Module: Capitalization

Global Segments

Name	Table Column	Value Set	Prompt
------	--------------	-----------	--------

Sequence	Name	Table Column	Value Set	Prompt	Display Type	Display Size	API Name
10	WACS Customer Contributed Flag	ATTRIBUTE12	30 Characters	WACS Customer Contributed Flag	Text Box	25	wacsCustomerContributedFlag
20	WACS Activity ID	ATTRIBUTE13	30 Characters	WACS Activity ID	Text Box	25	wacsActivityId
30	WACS Work Order ID	ATTRIBUTE14	30 Characters	WACS Work Order ID	Text Box	25	wacsWorkOrderId
40	WACS Work Order Number	ATTRIBUTE15	30 Characters	WACS Work Order Number	Text Box	25	wacsWorkOrderNumber

The following screenshot shows the Global Segments after the configuration is saved.

Edit Descriptive Flexfield: Project Assets

Name: Project Assets
Flexfield Code: PAC_FASSETS_DESC_FLEX
Description: Master Field Usage

Segment Separator: [v]
Application: Project Costing
Module: Capitalization

Global Segments

Sequence	Name	Table Column	Value Set	Prompt
10	WACS Customer Contributed Flag	ATTRIBUTE12	30 Characters	WACS Customer Contributed Flag
20	WACS Activity ID	ATTRIBUTE13	30 Characters	WACS Activity ID
30	WACS Work Order ID	ATTRIBUTE14	30 Characters	WACS Work Order ID
40	WACS Work Order Number	ATTRIBUTE15	30 Characters	WACS Work Order Number

Columns Hidden: 9

Context Segment

* Prompt: Context Prompt
API Name: [v]
Value Set: [v]
Default Type: [v]
* Display Type: Hidden [v]

Context Sensitive Segments

- Click **Save and Close**.
- To deploy the **Project Assets** flexfield, click **Project Assets DFF** and then click **Deploy Flexfield**.

If the table columns **ATTRIBUTE12** to **ATTRIBUTE15** are used by existing implementation, the available attribute columns can be used. In such cases, the data mappings in the **OU WACS ERPFA Project Asset Addition** integration will need to change to reflect column changes.

Configuring Fixed Assets Descriptive Flexfields

To configure the Oracle Utilities Work and Asset Cloud Service attributes in Fixed Assets Descriptive Flexfield:

- Go to **Navigator > Setup and Maintenance** and search for “Manage Fixed Assets Descriptive Flexfields”.
- Click **Manage Fixed Assets Descriptive Flexfields**.
- Search for “Asset Category”.

4. Click the **Asset Category** descriptive flexfield and click the **Edit** icon.

Manage Fixed Assets Descriptive Flexfields ⓘ

Search

Name

Flexfield Code

Module

Search Results

Actions View Format Freeze Detach Wrap Deploy Flexfield

Name	Type	Module	Flexfield Code	Entity Usages	Description	Deployment Status	Deployment Error Message	Deployment Date
Asset Category	Descriptive	Shared Objects	FA_ADDITIONS		Fields for catg...	✓		12/20/22 12:43 PM
Assets Invoices	Descriptive	Shared Objects	FA_ASSET_INVOICES		Fields for addit...	✓		3/23/17 12:23 PM
Bonus Rates	Descriptive	Shared Objects	FA_BONUS_RATES		Fields for bonus...	✓		3/23/17 12:23 PM
Bonus Rules	Descriptive	Shared Objects	FA_BONUS_RULES		Fields for bonus...	✓		3/23/17 12:18 PM

5. Click **+** to add the following Global Segments. Save each record.

Edit Descriptive Flexfield: Asset Category ⓘ

Name Asset Category

Flexfield Code FA_ADDITIONS

Description Fields for category details on the categories page.

Global Segments

Actions View Format Freeze Detach Wrap

Sequence	Name	Table Column	Value Set	Prompt
10	WACS Customer Contributed Flag	ATTRIBUTE15	30 Characters	WACS Customer Contributed Flag
20	WACS Activity ID	ATTRIBUTE16	30 Characters	WACS Activity ID
30	WACS Work Order ID	ATTRIBUTE17	30 Characters	WACS Work Order ID
40	WACS Work Order Number	ATTRIBUTE18	30 Characters	WACS Work Order Number

Sequence	Name	Table Column	Value Set	Prompt	Display Type	Display Size	API Name
10	WACS Customer Contributed Flag	ATTRIBUTE15	30 Characters	WACS Customer Contributed Flag	Text Box	25	wacsCustomerContributedFlag
20	WACS Activity ID	ATTRIBUTE16	30 Characters	WACS Activity ID	Text Box	25	wacsActivityId
30	WACS Work Order ID	ATTRIBUTE17	30 Characters	WACS Work Order ID	Text Box	25	wacsWorkOrderId
40	WACS Work Order Number	ATTRIBUTE18	30 Characters	WACS Work Order Number	Text Box	25	wacsWorkOrderNumber

The following screenshot shows the Global Segments after the configuration is saved.

Edit Descriptive Flexfield: Asset Category ⓘ

Name Asset Category

Flexfield Code FA_ADDITIONS

Description Fields for category details on the categories page.

Global Segments

Actions View Format Freeze Detach Wrap

Sequence	Name	Table Column	Value Set	Prompt
10	WACS Customer Contributed Flag	ATTRIBUTE15	30 Characters	WACS Customer Contributed Flag
20	WACS Activity ID	ATTRIBUTE16	30 Characters	WACS Activity ID
30	WACS Work Order ID	ATTRIBUTE17	30 Characters	WACS Work Order ID
40	WACS Work Order Number	ATTRIBUTE18	30 Characters	WACS Work Order Number

Context Segment

* Prompt Context Value

API Name

Value Set

Default Type

* Display Type Hidden

Context Sensitive Segments

Specify segments based on the defined context value.

No contexts to display.

6. Click **Save and Close**.

7. To deploy the **Asset Category** flexfield, click **Asset Category DFF** and then click **Deploy Flexfield**.

If the table columns **ATTRIBUTE15** to **ATTRIBUTE18** are used by existing implementation, the available attribute columns can be used. In such cases, the data mappings in the **OU WACS ERPFA Fixed Asset Addition** integration will need to change to reflect column changes.

Configuring BI Reports

To import and configure the BI reports in Fixed Assets:

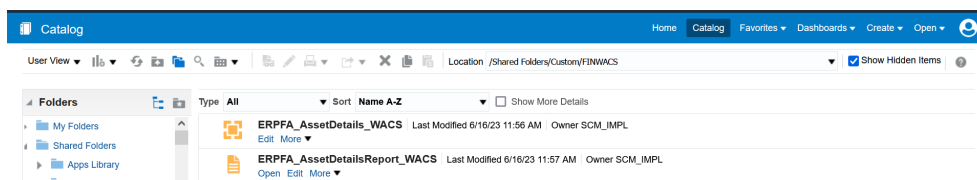
1. Navigate to **Tools > Reports & Analytics**.
2. Click **Browse Catalog**.
3. In the **Folders** section, navigate to the required directory.

Example: /Custom/FINWACS

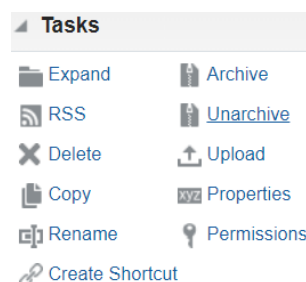
Note: Make sure that the user has rights to access the folder.

This path should be configured in the “fa.bi.reportUrl” property in the **OUTL-BRT-WACS_ERPFA_CONFIGPROPS** Oracle Integration Cloud lookup, along with the file name.

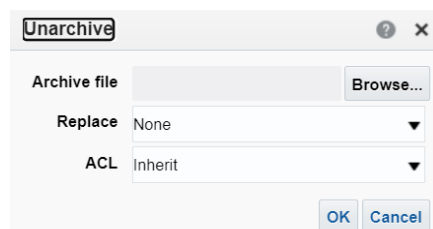
Example: /Custom/FINWACS/ERPFA_AssetDetailsReport_WACS.xdo



4. From the list of tasks related to the selected folder, select **Unarchive**.



5. Click **Browse** and select the “ERPFA_AssetDetails_WACS.xdm.catalog” archived file to unarchive. Select **None** and **Inherit** from the respective **Replace** and **ACL** drop-down lists.



6. Click **OK**.
7. Repeat the steps 5 and 6 to unarchive the “ERPFA_AssetDetailsReport_WACS.xdo.catalog” file.
8. Import the following BI report artifacts:
 - ERPFA_AssetDetails_WACS.xdm.catalog
 - ERPFA_AssetDetailsReport_WACS.xdo.catalog

Configuring the Skipping of Expense Account Validation

To configure the skipping of expense account validation during Fixed Assets Mass Additions FBDI:

1. Navigate to **Navigator > Setup and Maintenance** and search for “Manage Standard Lookups”.
2. Search for the “ORA_ERP_CONTROLLED_CONFIG” Lookup Type.
3. Add the following new lookup code row.

Lookup Code	Enabled	Meaning
FA_35126751	Yes	Fixed Assets Addition: Suppress expense account validation in POST mass addition

Manage Standard Lookups ⓘ

Save Save and Close Cancel

Search

Lookup Type

Meaning

Description

Module

Search Reset

Search Results

Actions View Format Freeze Detach Wrap

Lookup Type	Meaning	Description	Module	Lookup Configuration Level	REST Access Secured
ORA_ERP_CONTROLLED_CONFIG	Controlled feature or enhan	Option to opt in for a specific configuration in	Shared	Extension	Secure

ORA_ERP_CONTROLLED_CONFIG: Lookup Codes

Actions View Format Freeze Detach Wrap

Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
FA_35126751		☒	midyy	midyy	Fixed Assets Addition: Suppress expense ac		

4. Click **Save**.