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

Setup Guide Release 23B F86426-01

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Oracle Fusion Assets Cloud Configurations for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Assets Setup Guide, Release 23B

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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 23B. 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/23c/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</i> <i>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/

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#### Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	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.

The following text conventions are used in this document:

#### **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:

- ٠ Integration Overview
- Pre-requisites •
- Design Details ٠

#### **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 FBDI.

# 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 Atrributes
- Configuring BI Reports
- Configuring the Skipping of Expense Account Validation

## Capturing Additional Oracle Utilities Work and Asset Cloud Service Atrributes

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:

- 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.

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

Edit Descriptive Flexfield: Project As	ssets (2)			Manage Contexts	Manage Segment Labels	Save	Save and Close	⊆ancel
Name Flexifield Code Description	Project Assets PJC: PRJ_ASSETS_DESC_FLEX Master Flexfield Usage	Segme	t Separator . • Application Project Costing Module Capitalization					
Global Segments	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	wacsCustomerC ontributedFlag
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	wacsWorkOrder Id
40	WACS Work Order Number	ATTRIBUTE15	30 Characters	WACS Work Order Number	Text Box	25	wacsWorkOrder Number

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

Edit Descriptive Flexfield: Project A Name Flexfield Code Description	Project Assets PJC_PRJ_ASSETS_DESC Master Flocheld Usage	FLEX		Manage Controls         Manage Segment Labels         Save         Save and Clove           Segment Segment Period Costing Module         Page         Costing	Cancel
Global Segments Actors • View • Format • + / X	Freeze Detach	el Wrap			
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		
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Context Sensitive Segments					
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- 6. Click Save and Close.
- 7. 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".
- 2. Click Manage Fixed Assets Descriptive Flexfields.
- 3. Search for "Asset Category".

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

Manage Fixed Assets	ts Descriptive Fle	exfields (?)									Dane
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#### 5. Click + to add the following Global Segments. Save each record.

Edit Descriptive Flexfield: Asset Ca	itegory (2)				Manage Contexts	Manage Segment Labels	Save	Save and Close C
Nam	a Asset Category			Segment Separator - 🗸				
Flexfield Cod	FA_ADDITIONS			Application Assets				
Descriptio	Fields for category details o categories page.	n the		Module Shared	I Objects			
Global Segments								
Actors 🕶 View 💌 Format 💌 🕂 💉 💥	🗐 Freeze 🔐 Detach	el Wrap						
* Senuencer Name	Table Column	Value Set	Promot					

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	wacsCustomerC ontributedFlag
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	wacsWorkOrder Id
40	WACS Work Order Number	ATTRIBUTE18	30 Characters	WACS Work Order Number	Text Box	25	wacsWorkOrder Number

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

Edit Descriptive Flexfield: Asset Ca Nam Flexfiel Cob Description	tegory ⑦ Asset Category FA_ADDITION8 Fields for category details of categories page.	on the		Segment Separator  Application Assets Module Shared Object	Manage Contexts	Manage Segment Labels	Save S	ave and Close	Cancel
Global Segments									
Actions  View  Format	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						
Columns Hidden 9									
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* Prom	Context Value			BI Enabled					
API Nam	0			Bi Label 🗸					
Value Se	t		•	Definition Help Text					
Default Typ	• ~				li				
	Required			Instruction Help Text					
* Display Typ	e 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.



 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.

Unarchive		@ ×
Archive file		Browse
Replace	None	•
ACL	Inherit	•
		OK Cancel

- 6. Click **OK**.
- 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:

- 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
ORA_ERP_CONTRO LLED_CONFIG	Yes	Fixed Assets Addition: Suppress expense account validation in POST mass addition

Manage Standard Lookups (?)	Save Save and Close Cancel						
⊿ Search							
Lookup Type ORA_ERP_CONTROLLED_CONFIG							
Meaning							
Description							
Module v							
MARMA .	Search Reset						
▲ Search Results							
Actore • View • Format • 💠 💥 🚱 🔚 Freeze 🔛 Detach of Wrap							
Lookup Type 🔺 🗢 Meaning Description Module	Lookup Configuration REST Access Secured Level						
ORA_ERP_CONTROLLED_CONFIG Controlled feature or enhan Option to opt in for a specific configuration in Shared	Extension Secure						
Actions 🔹 View 👻 Format 💌 🕂 🗶 📴 🚱 📴 Detach 🕼 Wrap							
Lookup Code         Display ▲マ         Enabled         End Date         End Date         Meaning         ▲マ         Description	Tag						

4. Click Save.