

**Oracle Fusion Cloud Project Management
Configurations for Oracle Utilities Work
and Asset Cloud Service Integration to
Oracle Fusion Cloud Project Management**

Setup Guide

Release 24B

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Oracle Fusion Cloud Project Management Configurations for Oracle Utilities Work and Asset Cloud Service
Integration to Oracle Fusion Cloud Project Management Setup Guide, Release 24B

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Preface

Welcome to the Oracle Fusion Cloud Project Management Setup Guide for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Cloud Project Management, release 24B.

Oracle Fusion Cloud Project Management is a part of the Oracle Fusion Cloud Financials. This document focuses on the Oracle Fusion Cloud Project Management configurations and administration information required for the integration.

Important! Please note that Oracle Fusion Cloud Project Management will be referenced as Oracle Project Management throughout this document.

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 Project Management:

- 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 Fusion Cloud Project Management 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 Fusion Cloud Project Management/ Oracle Project Management documentation	https://docs.oracle.com/en/cloud/saas/project-management/24c/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

Chapter 1

Overview

This chapter focuses on the configurations required for Oracle Project Management to make the integration work. It includes the following:

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

Integration Overview

Oracle Utilities Work and Asset Cloud Service (WACS) helps users to efficiently handle large number of assets and manage asset lifecycle which includes receipt, installation, maintenance, tracking, and removal of those assets. Oracle Utilities Work and Asset Cloud Service also allows to manage and track these asset operations through project-based tracking.

Oracle Project Management is an integral part of Oracle Fusion Cloud ERP. It is a complete, broad and deep project planning, scheduling, financial and contract management solution, unified across the enterprise, for optimized project operations and a single source of project truth.

This integration provides an automated synchronization of project structures between the two systems through the following integration flows:

- Integration of project definition from Oracle Project Management to Oracle Utilities Work and Asset Cloud Service.
- Integration of activities from Oracle Utilities Work and Asset Cloud Service to Oracle Project Management as project tasks.

For more information, refer to the Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Cloud Project Management documentation on Oracle Help Center 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 Project Management 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 system should be up and running for the interface.

Design Details

The design details of this integration are described as follows:

- [Project Synchronization](#)
- [Activity to Task Synchronization](#)

Project Synchronization

The project synchronization flow supports the following cases:

- Create a project in Oracle Utilities Work and Asset Cloud Service on approval of construction and maintenance project in Oracle Project Management.

The flow enables automatic creation of Oracle Utilities Work and Asset Cloud Service project on approval of project in Oracle Project Management. The

integration limits the data transfer of Fusion ERP projects based on the project work type lookup defined in Oracle Integration Cloud. The implementation will use the work type lookup in Oracle Integration Cloud to identify the construction and maintenance projects that need to be automatically created in Oracle Utilities Work and Asset Cloud Service based on project activation in Fusion ERP. The integration also stamps the Fusion ERP project number as the **ERP Reference Number** field in Oracle Utilities Work and Asset Cloud Service project.

- Update the project status in Oracle Utilities Work and Asset Cloud Service on status update of the integrated project in Oracle Project Management.

When the system status change of project in Oracle Project Management requires change in the Oracle Utilities Work and Asset Cloud Service project status, the status change information is passed on to Oracle Utilities Work and Asset Cloud Service. Oracle Integration Cloud lookup defines the mappings of valid Fusion ERP project system status to the Oracle Utilities Work and Asset Cloud Service project status. Only the status changes defined in the lookup are passed on to Oracle Utilities Work and Asset Cloud Service.

Activity to Task Synchronization

The activity to task synchronization flow supports the following cases:

- Create a project task in Oracle Project Management on approval of activity in Oracle Utilities Work and Asset Cloud Service

When an activity is approved in Oracle Utilities Work and Asset Cloud Service, the integration automatically creates a project task in Fusion ERP. The Fusion ERP project number is derived from the **ERP Reference Number** field of the topmost project in the project hierarchy of Oracle Utilities Work and Asset Cloud Service project assigned to activity/work order. The Fusion ERP parent task, if any, is derived from the **ERP Reference Number** field of the project assigned to activity/work order in case the Oracle Utilities Work and Asset Cloud Service project on activity/work order is not the topmost project in hierarchy.

- Update the task status in Oracle Project Management on the activity status update.

When the Oracle Utilities Work and Asset Cloud Service activity status changes to COMPLETE, CLOSED, or CANCELED, the integration changes the Fusion ERP project task status accordingly.

Chapter 2

Oracle Project Management Configurations

For the Activity to Task Synchronization integration process, the tasks are created in Fusion ERP based on approval of activity in Oracle Utilities Work and Asset Cloud Service. Tasks will be created under the ORAU_WACS source application that will represent Oracle Utilities Work and Asset Cloud Service.

Custom Source Application ORAU_WACS

To configure Oracle Utilities Work and Asset Cloud Service in Oracle Project Management:

1. Go to **Navigator > Setup and Maintenance** and search for “Manage Source Applications”.
2. Click **Manage Source Applications**.
3. Click **+** and add a new lookup code row for the “PJF_PM_PRODUCT_CODE” lookup type.

Manage Source Applications ⓘ

Standard Lookup Type

Actions View Format + - Freeze Detach Wrap

Lookup Type	Meaning	Description	Module	Lookup Configuration Level	REST Access Secured
PJF_PM_PRODUCT_CODE	Source Application	Application, Oracle Fusion or third-party, that	Common	Extension	Authenticated

PJF_PM_PRODUCT_CODE: Lookup Codes

Actions View Format + - Freeze Detach Wrap

Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
ORA_EPM		✓	1/1/51		Enterprise Performance Management	Projects data is integrated with Enterprise Performance Management.	
MSP		✓	1/1/51		Microsoft Project	Application that integrates with Oracle Fusion Project Portfolio Management.	
OPEN_INTERF...		✓	1/1/51		Oracle FA Open Interfaces	For the Oracle Project Portfolio Management Cloud Service, projects data is imported using the projects, tasks, and b	
ORA_PROJEC...		✓	1/1/51		Oracle Fusion Applications Project Service	Projects data is imported or updated using the project service.	
GRANTS		✓	1/1/51		Oracle Fusion GMS	Award project details are imported from Oracle Fusion Grants Management using the project service.	
ORAU_WACS		✓	1/1/51	m/d/y	Oracle Utilities Work and Asset Cloud Service	Project data is imported or update from Oracle Utilities Work and Asset Cloud Service	

Lookup Code	Enabled	Start Date	Meaning	Description
ORAU_WACS	Yes	01-Jan-1951	Oracle Utilities Work and Asset Cloud Service	Project data is imported or updated from Oracle Utilities Work and Asset Cloud Service.