

**Oracle ERP Product Hub Cloud
Integration to Oracle Utilities Work and
Asset Cloud Service for Stock Item**

Release Notes

Release 21A

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Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Release Notes, Release 21A

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Preface

Welcome to the Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Release Notes.

This preface includes the following:

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

Audience

This document is intended for anyone implementing the Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item using Oracle Integration Cloud as the middle layer.

Documentation and Resources

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

Product Documentation

Resource	Description
Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Documentation	Refer to the Oracle Utilities applications documentation page: http://docs.oracle.com/cd/E72219_01/documentation.html
Oracle Utilities Work and Asset Cloud Service	
Oracle Application Cloud - Product Hub	https://docs.oracle.com/en/cloud/saas/supplychain-management/21a/faipr/index.html

Additional Documentation

Resource	Location
Oracle Integration Cloud 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.
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
DVM	Domain Value Map
ERP	Enterprise Resource Planning
Edge applications	The applications that are involved in the two-way integration processes - Oracle Utilities Work and Asset Management and other Enterprise Resource Planning applications.
WAM or OuwAM	Oracle Utilities Work and Asset Management
WACS	Oracle Utilities Work and Asset Cloud Service

Release Notes

Asset intensive enterprises need to invest significantly to maintain operations and continue to grow their business in an increasingly uncertain economic environment. It is essential for these organizations to be able to fully optimize investment decisions and opportunities to lower operating costs to ensure good returns on the investment.

Oracle Utilities Work and Asset Cloud Service is a comprehensive solution specifically targeting electric, gas and water utility operations. The product supports the entire asset lifecycle work processes from budgeting and accounting, designing, estimating, planning through construction, commissioning, maintenance and repair, retirement, and removal. It also includes the resource management, which includes the smart grid device configuration and general framework processes needed in support of asset lifecycle management and utility plant accounting.

The release notes focuses on the following:

- [Integration Overview](#)
- [Supported Applications](#)
- [About Oracle Utilities Work and Asset Cloud Service](#)
- [About Oracle ERP Product Hub Cloud](#)
- [About Oracle Integration Cloud](#)
- [Known Issues](#)

Integration Overview

Oracle Utilities Work and Asset Cloud Service processing is commonly used with an Enterprise Resource Planning (ERP) suite of applications, such as Oracle E-Business Suite, PeopleSoft, JD Edwards EnterpriseOne and Fusion applications including ERP Cloud.

The purpose of this integration is to develop seamless integration between Oracle ERP Product Hub Cloud to Oracle Utilities Work and Asset Cloud Service for Stock Items integration.

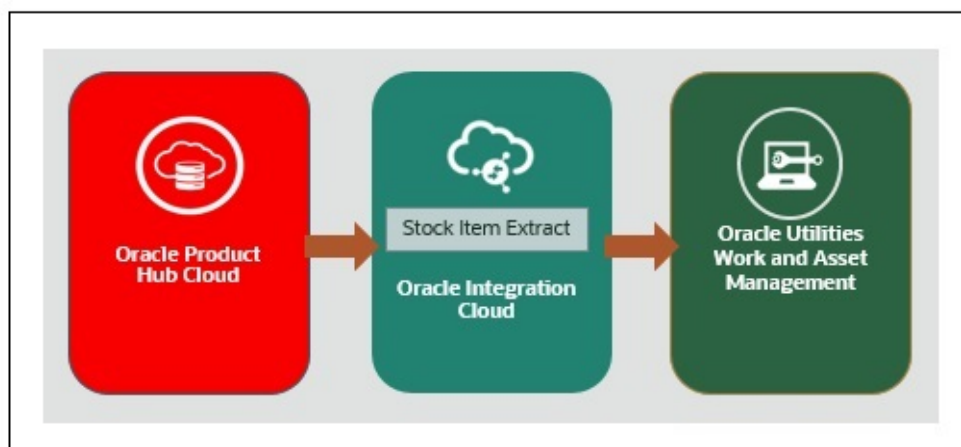
Oracle ERP Product Hub Cloud is the central repository of Items. Items are created and managed in this module. Item data quality, data management and data governance is managed and maintained in this module. This is the source of items for the Oracle Utilities Work and Asset Cloud Service module.

Items can be uploaded in Oracle ERP Product Hub Cloud using two methods, one being Bulk Upload using FDBI templates and the second being manually creating/updating the items in the Oracle ERP Product Hub Cloud module. When the items are created/updated using Bulk Upload the items that belong to Oracle Utilities Work and Asset Cloud Service should be simultaneously interfaced with Oracle Utilities Work and Asset Cloud Service. When items are manually created/updated in Oracle ERP Product Hub Cloud, the items that meet Oracle Utilities Work and Asset Cloud Service items criteria should be interfaced with Oracle Utilities Work and Asset Cloud Service.

The integration flow is as below:

- Item definitions are synched from Oracle ERP Product Hub Cloud to Oracle Utilities Work and Asset Cloud Service.
- Readily available integration to manage item information across applications this Integration.
- Helps in better analyzing and to make a decision for critical business requirements.
- Centralizes product data across systems.

The following diagram illustrates the business processes supported in this integration.



The advantages of this integration are:

- Enables maintaining information pertaining to a Items in Oracle ERP Product Hub Cloud as central repository and Master for both systems.

- Smart View report or Oracle Transactional Business Intelligence Analyses can be done for Item process in Oracle ERP Product Hub Cloud.
- Audit Capability in both system is available.
- Seamless integration between two products.
- Easy and quick deployment.
- Reduces IT and administrative costs.

The mapping of fields attributes for some fields are direct and for some DVM are required for records creation in Oracle Utilities Work and Asset Cloud Service.

The integration will support Bulk upload and incremental updates to Oracle Utilities Work and Asset Cloud Service.

- BULK /INITIAL Upload
- Incremental Upload

For more information about the integration, refer to the *Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Configuration Guide* included in this release.

Supported Applications

The application supported versions are:

- Oracle Utilities Work and Asset Cloud Service - 21A or higher
- Oracle Integration Cloud - v21.1.2 or higher
- Oracle ERP Product Hub Cloud - 21A or higher

About Oracle Utilities Work and Asset Cloud Service

Oracle Utilities Work and Asset Cloud Service efficiently manages asset lifecycles, streamlines maintenance operations, maximizes supply chain performance, enhances safety, and improves regulatory compliance.

About Oracle ERP Product Hub Cloud

Oracle ERP Product Hub Cloud - Product Information Management (PIM) is a central repository of all items in Oracle Cloud Fusion. Product Information Management helps to analyze and make a decision for critical business requirements. It is foundational for an end-to-end supply chain and provides a business process framework around the company's master data.

Product Information Management centralizes product data across heterogeneous systems so that it can create a blended product master record that is clean, standardized, accurate, and current. From products that are manufactured internally to finished goods that are sourced from suppliers, Product Hub enables to aggregate, enrich, and share product data for various manufacturing and Omni channel commerce processes. Use robust business rules and workflows to make sure the data that is shared across the enterprise is

clean, complete, and valid. Rapidly commercialize products that use centralized product information for manufacturing, marketing, and sales across global manufacturing sites, sales channels, and trading partners.

About Oracle Integration Cloud

Oracle Integration Cloud is a unified platform to integrate the applications, automate processes, and create applications.

Using Process Builder the business processes can be rapidly designed, automated, and managed in the cloud. Using integrations connect the applications into a continuous business flow. The integrations can be quickly developed and activated between both the applications that live in the cloud; and the applications still live on premises. The lookups help to match application specific codes between the two applications.

Integration Insights and Stream Analytics helps to simplify and extract business metrics and create custom dashboards.

Known Issues

There are no known issues at the time of this release.