

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

Data Mapping Guide

Release 21A

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Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Data Mapping Guide, 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 Data Mapping Guide.

The preface includes the following:

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

## Audience

This document is intended for anyone implementing the integration of the following products with Oracle ERP Product Hub Cloud:

- 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

Topic	Description
Oracle ERP Product Hub Cloud Integration to Oracle Utilities Work and Asset Cloud Service for Stock Item Configuration Guide	Refer to the Oracle Utilities applications documentation page: <a href="http://docs.oracle.com/cd/E72219_01/documentation.html">http://docs.oracle.com/cd/E72219_01/documentation.html</a>
Oracle Utilities Work and Asset Cloud Service documentation	
Oracle Application Cloud -Product Hub documentation	<a href="https://docs.oracle.com/en/cloud/saas/supply-chain-management/21a/faipr/index.html">https://docs.oracle.com/en/cloud/saas/supply-chain-management/21a/faipr/index.html</a>

### Additional Documentation

Resource	Location
Oracle Support	Visit My Oracle Support at <a href="https://support.oracle.com">https://support.oracle.com</a> regularly to stay informed about updates and patches.  Access the support site for the Edge Application Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1) or refer to the Oracle Utilities Integrations page at <a href="http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm">http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm</a>
Oracle Technology Network (OTN) Latest versions of documents	<a href="http://www.oracle.com/technetwork/index.html">http://www.oracle.com/technetwork/index.html</a>
Oracle University for training opportunities	<a href="http://education.oracle.com/">http://education.oracle.com/</a>

## 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
<b>boldface</b>	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.

## Acronyms

The following terms are used in this document:

Term	Expanded Form
PIM- Product Hub	Product Information Management
ERP	Oracle Application Cloud
PH	Product Hub
UCM	Universal Content Management
WACS	Oracle Utilities Work and Asset Cloud Service

# Chapter 1

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## Data Mapping

This appendix provides mapping details for each integration point, including the following:

- [Stock Item \(Oracle Utilities Work and Asset Cloud Service Initiated\)](#)

# Stock Item (Oracle Utilities Work and Asset Cloud Service Initiated)

This section describes data mapping for the following:

- [Stock Item Request Mapping](#)

## Stock Item Request Mapping

Mapping details for “Stock Item Request” activity are as shown in the table below:

Product Hub Event Create / Update Item or Publish Item File	WACS REST Service: W1-StockItemSync			DVM Mapping		
	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Clod Service Column	Oracle ERP Product Hub Cloud Column
Item	W1AdStkItmSy		Group			
	input	W1AdStkItmSy	Group			
	externalSystem	input	Field	ERPWACS_ConfigProps	PropertyName=wacs.externalsystem	Value
ItemId	externalReferenceId	input	Field			
	initialLoad	input	Field			
	stockItemInfo	input	Group			
ItemId	resourceTypeExternalId	stockItemInfo	Field			
ItemStatusValue	boStatus	stockItemInfo	Field	ERPWACS_StockItemStatus	WACS_StockItemStatus	ERP_StockItemStatus
	statusReason	stockItemInfo	Field			
ItemDescription	description	stockItemInfo	Field			
Long Description	Long Description	stockItemInfo	Field			
ItemNumber	stockItem	stockItemInfo	Field			



Product Hub Event Create / Update Item or Publish Item File	WACS REST Service: W1-StockItemSync			DVM Mapping		
	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Clod Service Column	Oracle ERP Product Hub Cloud Column
	inventoryExpenseCode	stockItemInfo	Field			
	usageExpenseCode	stockItemInfo	Field	ERPWACS_ConfigProps	PropertyName=wacs.usageexpensecode.default	Value
AssetCategoryValue	propertyUnit	stockItemInfo	Field	ERPWACS_AssetCategory	WACS_PropertyUnit	ERP_AssetCategory
ListPrice	unitPrice	stockItemInfo	Field			
	commodityCategory	stockItemInfo	Field			
	commodityName	stockItemInfo	Field			
	commodityType	stockItemInfo	Field			
	commodityComposition	stockItemInfo	Field			
	commoditySize	stockItemInfo	Field			
ItemClass	stockCategory	stockItemInfo	Field	ERPWACS_ItemClass	WAM_StockCategory	ERP_ItemClass
HazardClassValue	hazardous	stockItemInfo	Field	ERPWACS_HazardousFlag	WACS_HazardousFlag	ERP_HazardousFlag
HazardClassValue	hazardousType	stockItemInfo	Field	ERPWACS_HazardousType	WACS_HazardousType	ERP_HazardousCode
LotControlValue	lotManaged	stockItemInfo	Field	ERPWACS_LotManagedFlag	WACS_LotManagedFlag	ERP_LotControlFlag
ShelfLifeDays	shelfLife	stockItemInfo	Field			

Product Hub Event Create / Update Item or Publish Item File	WACS REST Service: W1-StockItemSync			DVM Mapping		
	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Clod Service Column	Oracle ERP Product Hub Cloud Column
InventoryAssetFlag	capitalSpare	stockItemInfo	Field	ERPWACS_InventoryAssetFlag	WACS_CapitalSpare	ERP_InvewntoryAssetFlag
AssetTrackedFlag	trackable	stockItemInfo	Field	ERPWACS_AssetTrackedFlag	WACS_TrackableFlag	ERP_AssetTrackedFlag
UserItemTypeValue	repairable	stockItemInfo	Field			
UnitOfIssueValue	unitOfPurchase	stockItemInfo	Field	ERPWACS_UOMCode	WACS_UOMCode	ERP_UOMCode
PrimaryUOMValue	unitOfIssue	stockItemInfo	Field	ERPWACS_UOMCode	WACS_UOMCode	ERP_UOMCode
	purchaseToIssueRatio	stockItemInfo	Field			
	taxRateSchedule	stockItemInfo	Field			
ItemCategory/Category Name	purchaseCommodity	stockItemInfo	Field	ERPWACS_PurchaseCommodity	WACS_PurchaseCommodity	ERP_PurchaseCategoryName
AllowSubstituteReceiptsFlag	doNotSubstitute	stockItemInfo	Field	ERPWACS_AllowSubstituteReceiptsFlag	WACS_DoNotSubstituteFlag	ERP_AllowSubstituteReceiptsFlag
	defaultValueToActivity	stockItemInfo	Field			
	vendors	stockItemInfo	Group			
ItemSupplierAssociation	vendorsList	vendors	List			
ItemSupplierAssociation/SupplierSiteId	vendorLocationExternalId	vendorsList	Field			
	vendorLocationId	vendorsList	Field			

Product Hub Event Create / Update Item or Publish Item File	WACS REST Service: W1-StockItemSync			DVM Mapping		
	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Clod Service Column	Oracle ERP Product Hub Cloud Column
ItemSupplierAssociation/SupplierItemNumber	vendorPartNumber	vendorsList	Field			
ItemSupplierAssociation/PrimaryFlag	vendorPriority	vendorsList	Field	ERPWACS_VendorPriority	WACS_VendorPriority	ERP_SupplierPrimaryFlag
	manufacturers	stockItemInfo	Group			
	manufacturersList	manufacturers	List			
	manufacturerCode	manufacturersList	Field			
	copyToPO	manufacturersList	Field			
	manufacturerPartNumber	manufacturersList	Field			
	bomId	manufacturersList	Field			
	output	W1AdStkItmSy	Group			
	syncRequestId	output	Field			