

ORACLE FUSION PROCUREMENT  
CLOUD CONFIGURATIONS FOR ORACLE  
UTILITIES WORK AND ASSET CLOUD  
SERVICE INTEGRATION TO ORACLE  
FUSION PROCUREMENT CLOUD

SETUP GUIDE  
RELEASE 21C





## Disclaimer

Oracle Fusion Procurement Cloud Configurations for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Procurement Cloud, Release 21C, Setup Guide

November 2021 (Updated January 2022)

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# Preface

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Welcome to the Oracle Fusion Procurement Cloud Setup Guide for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Procurement Cloud. This document focuses on the Oracle Fusion Procurement Cloud configuration and administration information required for the integration.

The preface includes the following:

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

## Audience

This document is intended for anyone implementing the Oracle Utilities Integration for Oracle Utilities Work and Asset Cloud Service and Oracle Fusion Procurement Cloud.

## Documentation and 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>

## Abbreviations

Terms	Expanded Form
OIC	Oracle Integration Cloud
WACS	Oracle Utilities Work and Asset Cloud Service
FPRC	Oracle Fusion Procurement Cloud
AP	Account Payable
INV	Inventory
PO	Purchase Order
V.S	Value Set

# Chapter 1: Vendor Locations Integration

This chapter focuses on software requirements for Oracle Fusion Procurement Cloud and provides an overview of the configuration. It includes the following:

- [Integration Overview](#)
- [Procurement configuration for Vendor and Vendor Locations](#)

## Integration Overview

This section covers basic integration overview about the Vendor Locations integration. Oracle Fusion Procurement Cloud (Vendor and Vendor Location) is the central repository of Vendor records.

The key attributes will be captured from Oracle Fusion Procurement Cloud and synchronized with Oracle Utilities Work and Asset Management using the following two modes:

- Bulk (Initial Upload)
- Incremental Update

This seamless integration between Oracle Fusion Procurement Cloud and Oracle Utilities Work and Asset Management helps to have the same Vendor definition across both platforms.

The implementation details are available at:

<https://docs.oracle.com/en/cloud/saas/procurement/21a/oaprc/supplier-information.html>

## Design Details

### *Bulk Upload*

Bulk Upload will be initial upload from Oracle Fusion Procurement Cloud to Oracle Utilities Work and Asset Management where all the Vendor and Vendor Location definitions are exported to UCM in the CSV format through BICC (an inbuilt functionality of Oracle Cloud). The selection of the Vendor in the Procurement module is done using BICC filters. The business may choose to import records based on the filter as per business requirement. Only active Vendors in the system are part of this integration.

Examples of attributes that are passed to Oracle Utilities Work and Asset Management in this integration are Vendor Name, Legal Entity, Business Unit, Location Details, Supplier End Dates, Supplier Site Status, Supplier Site Code, Supplierid, Suppliersiteid, etc. The Oracle Fusion Procurement Cloud schema needs a mapping with Oracle Utilities Work and Asset Management, and each field attribute is mapped to the corresponding value in Oracle Integration Cloud. These values will have a DVM for mapping between Oracle Utilities Work and Asset Management and Oracle Fusion Procurement Cloud.

**Job Name:** [FPRC VENDORS LOCATIONS BULK WACS](#)

**Filter Conditions:**

`__DATASTORE__.BUShortCode='US1 Business Unit'`

`AND (__DATASTORE__.SupplierEndDateActive IS NULL`

OR \_\_DATASTORE\_\_.SupplierEndDateActive>CURRENT\_DATE)  
AND \_\_DATASTORE\_\_.SupplierSiteStatus='ACTIVE'  
AND ( \_\_DATASTORE\_\_.SupplierSitePurchasingSiteFlag='Y' OR \_\_DATASTORE\_\_.SupplierSitePaySiteFlag='Y')

**Filtering Criteria:**

Business Unit Name: Update the business unit name as per the implementation requirement/setup.

SupplierEndDateActive IS NULL: Active Supplier data

SupplierEndDateActive> Current Date: All future end dated Supplier data

SupplierSitePurchasingSiteFlag='Y' OR SupplierSitePaySiteFlag='Y': Bulk extract would filter **enabled** records of purchasing the Site flag OR Supplier Site Pay Site flag .

### *Incremental Update*

Incremental Update will be an initial upload from Oracle Fusion Procurement Cloud to Oracle Utilities Work and Asset Management, where all the Vendor and Vendor Location definitions are exported to UCM in the CSV format through BICC (an inbuilt functionality of Oracle Cloud). The selection of the Vendor in the Procurement module is done using the BICC filters. The business may choose to import records based on the filter as per the business requirement. Active and inactive Vendors in the system are part of this integration.

**Job Name:** [FPRC VENDORS LOCATIONS INCR WACS](#)

**Filter Conditions:**

\_\_DATASTORE\_\_.BUShortCode='US1 Business Unit'  
AND ( \_\_DATASTORE\_\_.SupplierSitePurchasingSiteFlag='Y' OR \_\_DATASTORE\_\_.SupplierSitePaySiteFlag='Y')  
AND ( \_\_DATASTORE\_\_.SupplierEndDateActive IS NULL  
OR \_\_DATASTORE\_\_.SupplierEndDateActive>=CURRENT\_DATE  
)

**Filtering Criteria:**

Business Unit Name: Update the business unit name as per the implementation requirement/setup

SupplierEndDateActive IS NULL: Active Supplier data

SupplierEndDateActive>= Current Date: All future and current end dated supplier data

SupplierSitePurchasingSiteFlag='Y' OR SupplierSitePaySiteFlag='Y': Incremental extract would filter **enabled** records of purchasing site flag OR supplier site pay site flag.

## Procurement Configuration for Vendor and Vendor Locations

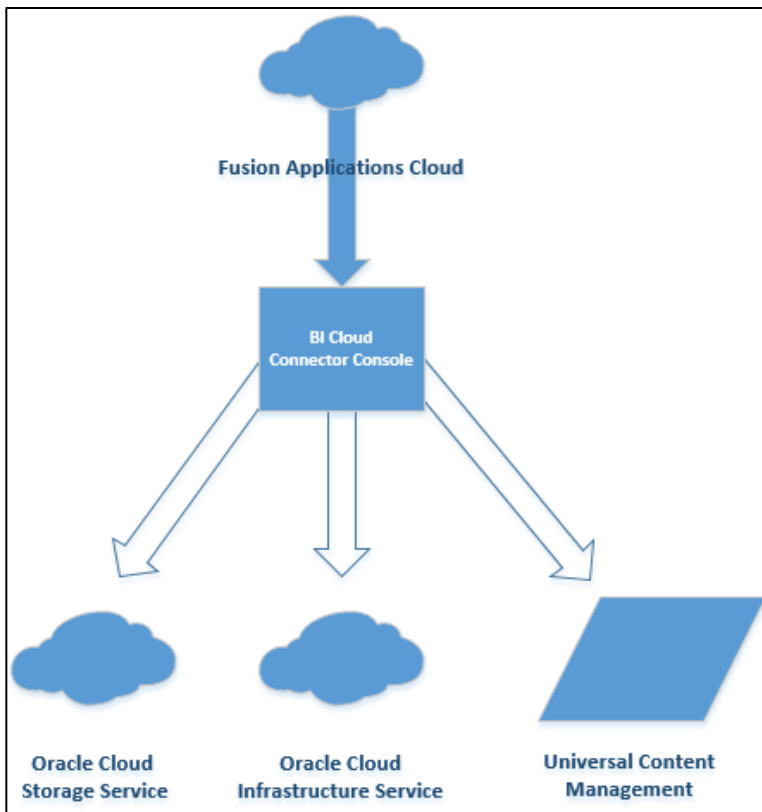
This section focuses on importing the files that come as a part of the package and configuring them in the Oracle BICC environment for the integration to run successfully. Make sure to follow the package upload procedure in the same sequence for successful configuration.

This section includes the following:

- [Introduction](#)
- [Design Details](#)
- [Pre-requisites](#)
- [Installing/Uploading a Package](#)
- [BICC Tool Setup](#)
- [Running the Extract Job](#)

## Introduction

The Oracle BI Cloud Connector (BICC) is used to extract data from Oracle Fusion Procurement Cloud and for storing it in shared resources, like Oracle Universal Content Management (UCM) Server or cloud storage in the CSV format.



## Design Details

In this Vendor extract run, the bulk and incremental job run design/mapping is based on the "FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO" view object.

The bulk and incremental job definition should have the same number of columns. Oracle Integration Cloud integration will fail if there is any mismatch in the columns.

The following table lists all columns and the respective properties.

Column Name	Data Type	Size	Include	Incremental Key
SupplierSiteCreationDate	TIMESTAMP	0	Yes	No



Column Name	Data Type	Size	Include	Incremental Key
SupplierSiteDefaultPaySiteId	NUMERIC	8	Yes	No
SupplierSiteEmailAddress	VARCHAR	2000	Yes	No
SupplierSiteFobLookupCode	VARCHAR	25	Yes	No
SupplierSiteInactiveDate	DATE	0	Yes	No
SupplierSiteInvoiceCurrencyCode	VARCHAR	15	Yes	No
SupplierSiteLastUpdateDate	TIMESTAMP	0	Yes	Yes
SupplierSitePayGroupLookupCode	VARCHAR	25	Yes	No
SupplierSitePayOnCode	VARCHAR	25	Yes	No
SupplierSitePaySiteFlag	VARCHAR	1	Yes	No
SupplierSitePaymentCurrencyCode	VARCHAR	15	Yes	No
SupplierSitePurchasingSiteFlag	VARCHAR	1	Yes	No
SupplierSiteSupplierNotifMethod	VARCHAR	25	Yes	No
SupplierSiteTermsDateBasis	VARCHAR	25	Yes	No
SupplierSiteTermsId	NUMERIC	8	Yes	No
SupplierSiteVendorId	NUMERIC	8	Yes	No
SupplierSiteVendorSiteCode	VARCHAR	15	Yes	No
SupplierSiteVendorSiteCodeAlt	VARCHAR	320	Yes	No
VendorSiteId	NUMERIC	8	Yes	No
LocationAddress1	VARCHAR	240	Yes	No
LocationAddress2	VARCHAR	240	Yes	No
LocationAddress3	VARCHAR	240	Yes	No
LocationAddress4	VARCHAR	240	Yes	No
LocationBuilding	VARCHAR	240	Yes	No
LocationCity	VARCHAR	60	Yes	No
LocationCountry	VARCHAR	2	Yes	No
LocationCounty	VARCHAR	60	Yes	No
LocationFloorNumber	VARCHAR	40	Yes	No
LocationPostalCode	VARCHAR	60	Yes	No
LocationProvince	VARCHAR	60	Yes	No
LocationState	VARCHAR	60	Yes	No
LocationStatusFlag	VARCHAR	1	Yes	No
BusinessUnitId	NUMERIC	8	Yes	No
BULegalEntityId	VARCHAR	150	Yes	No
BUPrimaryLedgerId	VARCHAR	150	Yes	No
BUShortCode	VARCHAR	150	Yes	No
SupplierAllowAwtFlag	VARCHAR	1	Yes	No
SupplierAutoTaxCalcFlag	VARCHAR	1	Yes	No
SupplierCorporateWebsite	VARCHAR	150	Yes	No
SupplierEndDateActive	DATE	0	Yes	No
SupplierLastUpdateDate	TIMESTAMP	0	Yes	Yes
SupplierMinOrderAmount	NUMERIC	8	Yes	No
SupplierSegment1	VARCHAR	30	Yes	No
SupplierVendorId	NUMERIC	8	Yes	No
SupplierSitePayOnUseFlag	VARCHAR	1	Yes	No
SupplierSiteStatus	VARCHAR	255	Yes	No
SuppPartyPartyName	VARCHAR	360	Yes	No

Column Name	Data Type	Size	Include	Incremental Key
SupplierSiteCreationDateOnly	DATE	0	Yes	No

## Pre-requisites

The pre-requisites are as follows:

- Oracle BICC should be available for the Vendor and Vendor Location job design/extract/schedule.
- 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 and validating the Vendor data.
- Oracle Utilities Work and Asset Cloud Service team should have other tools/reports to validate the interfaced data.

## Installing/Uploading a Package

To import the job definitions in the target BICC application in Oracle Fusion Procurement Cloud:

1. Navigate to the package and copy the following zip files to the local directory.

Vendor Bulk Zip File: Vendor\_BULK\_exportCustomization\_Ver1.0.zip

Vendor Incremental Zip File: Vendor\_INCR\_exportCustomization\_Ver1.0.zip

If any changes are made to the existing file, a new version is created for that file.

2. Login to the Oracle Fusion Procurement Cloud BICC application using the BIADMIN/<password>.

[https://FA OHS Host:FA OHS Port/biacm \(or\)](https://FA OHS Host:FA OHS Port/biacm (or))

<https://<Fusion cloud application URL>/biacm>

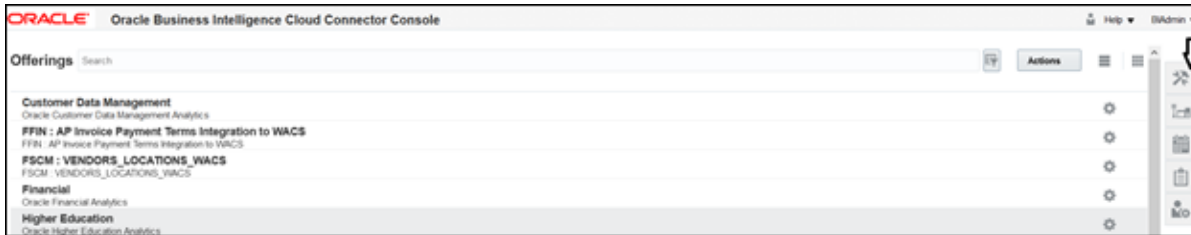
Example: <https://Fusion cloud application URL.com:443/biacm>

3. Check the port when accessing the URL to run the report from BICC.
4. Create a new user "BIADMIN" (if not available) with following roles:

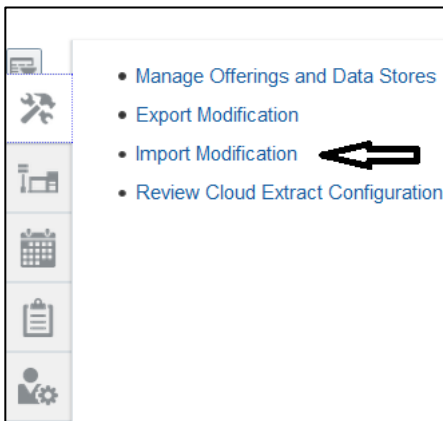
Roles
ORA_ASM_APPLICATION_IMPLEMENTATION_ADMIN_ABSTRACT
OBIA_EXTRACTTRANSFORMLOAD_RWD
ORA_ASM_APPLICATION_IMPLEMENTATION_CONSULTANT_JOB
ORA_ASM_APPLICATION_IMPLEMENTATION_MANAGER_JOB
BICC_UCM_CONTENT_ADMIN
RCS_SCM_EXTRACT_TRANSFORM_LOAD_DUTY
OBIA_EXTRACT_TRANSFORM_LOAD_DUTY

5. Upload the bulk and incremental zip files.
  - a. Login to Oracle Business Intelligence Cloud Connector Console.

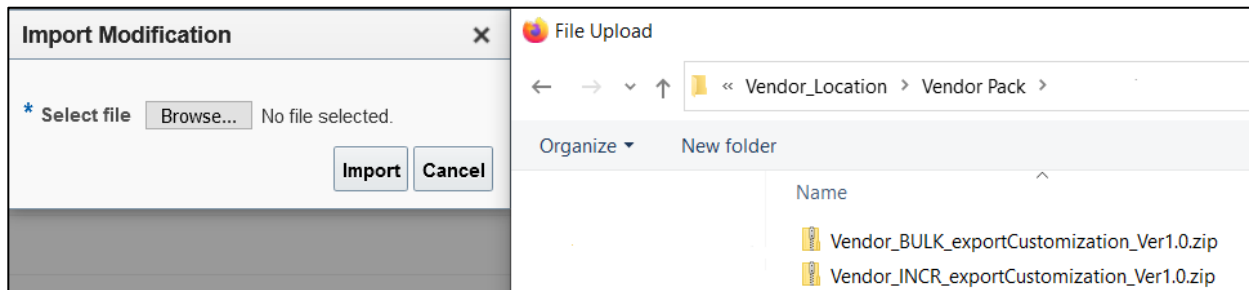
b. Click the task list on the right pane.



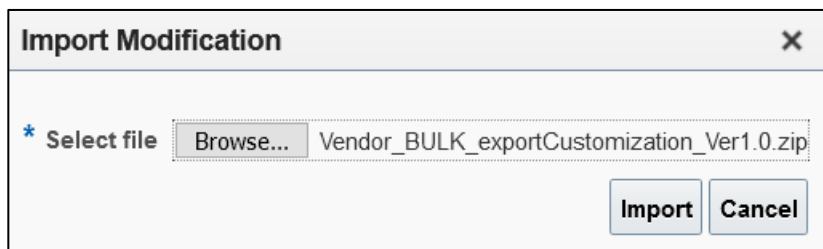
c. Click **Import Modification**.



d. Click **Browse** to select the zip file.

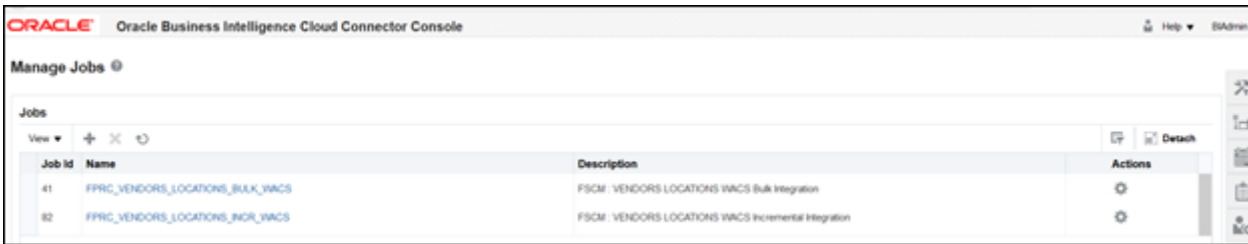
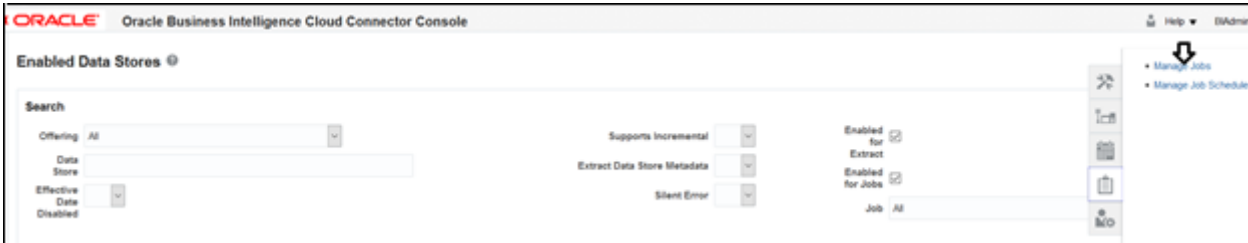


e. Click **Import**.

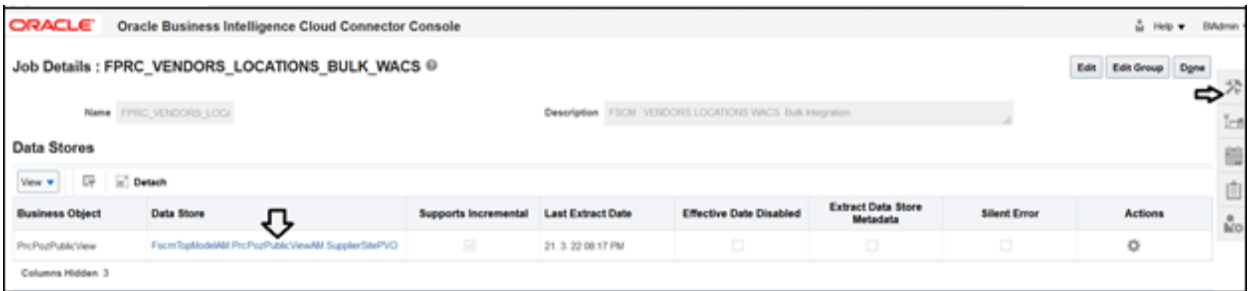


6. Click **Manage Jobs** to verify if the jobs are uploaded successfully.

Name	Description
<a href="#">FPRC_VENDORS_LOCATIONS_BULK_WACS</a>	FSCM : VENDORS LOCATIONS WACS Bulk Integration
<a href="#">FPRC_VENDORS_LOCATIONS_INCR_WACS</a>	FSCM : VENDORS LOCATIONS WACS Incremental Integration



7. Change the **Business Unit (BU) Name** in the Oracle Business Intelligence Cloud Connector Console filter as per the Oracle Fusion Procurement Cloud setup name.
8. Navigate to **Manage Offering and Data Stores > Data Stores > Edit Data Store Details**.



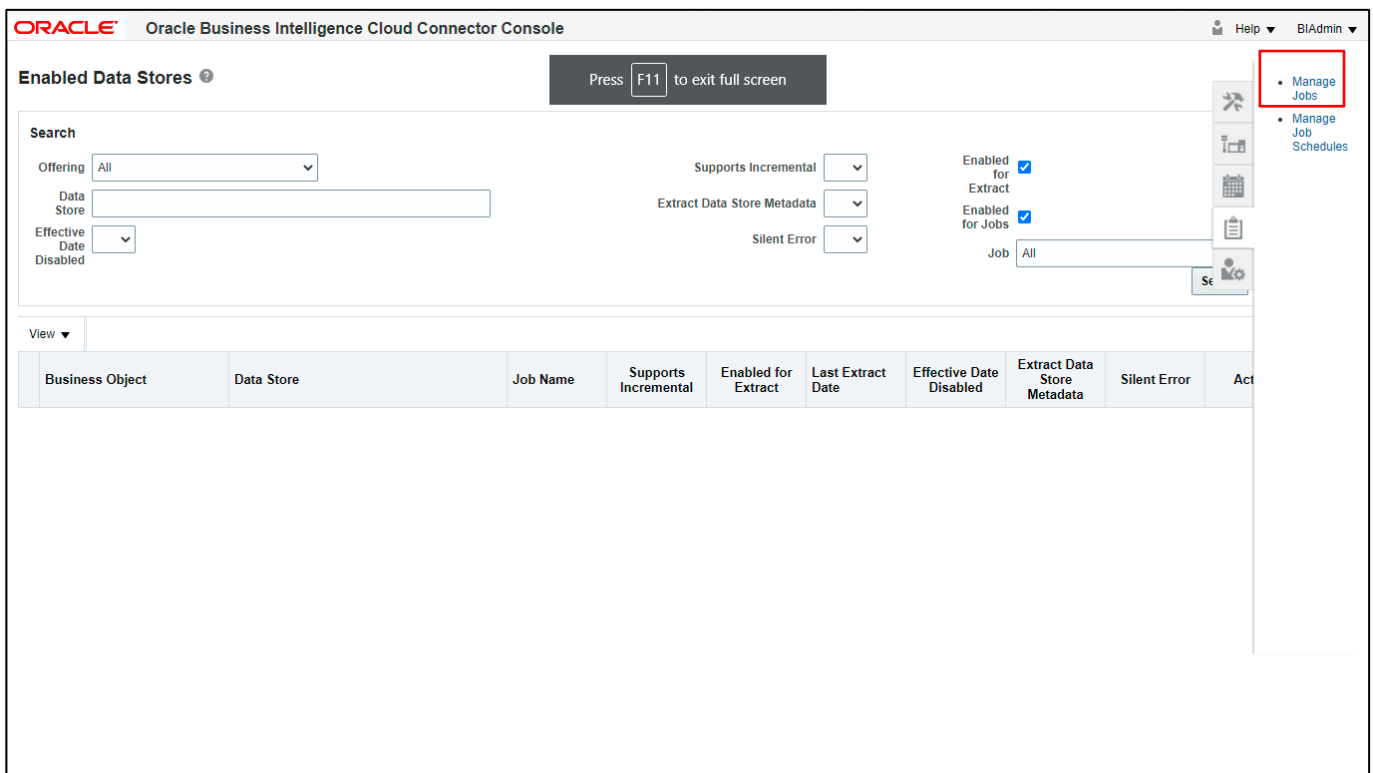


9. Edit the data store filter details.
10. Click **Save** to complete the updates.

**Note:** If content cannot be loaded directly, use the csv files in the package to copy the content to the Data Store setting and select the columns manually.

**Important!** If the steps mentioned above generate an error, follow the steps below.

1. Follow the steps 1 to 5 mentioned above.
2. On the right pane, select **Manage Jobs**.



3. Click + to create a new job.



4. Enter the following details:
  - Name: **FPRC\_VENDORS\_LOCATIONS\_BULK\_WACS**
  - Description: **FSCM : VENDORS LOCATIONS WACS Bulk Integration**

5. Select the business object shown in the figure below. Click **Save**.

Business Object	Data Store	Data Store Code	Enabled for
PrcoPozPublicView	FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO	FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO	<input type="checkbox"/>
PrcoPozPublicView	FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO	FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO	<input checked="" type="checkbox"/>

6. After the business object is saved, the datastore is shown.

7. Click the job.

Job Id	Name	Description	Actions
1	FPRC_VENDORS_LOCATIONS_BULK_WACS	FSCM : VENDORS LOCATIONS WACS Bulk Integration	

8. Click the datastore.

Business Object	Data Store	supports incremental	Last extract Date	Effective Date Disabled	Extract Data Store Metadata	Silent Error	Actions
PrcoPozPublicView	FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO	<input checked="" type="checkbox"/>	22. 1. 24 02:23 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

9. On the datastore click **Edit Data Store Details**.

**Edit Data Store Details**

Name: FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO  
Description: FSCM : VENDORS LOCATIONS WACS Bulk Integration

Query Filter: (none)

Last Extract Date: [empty]

Options:  Silent Error,  Disable Effective Date Filter,  Extract Data Store Metadata,  Use UNION ALL for incremental extract,  Use Broker Mode for Extract

**Data Store Settings : FPRC\_VENDORS\_LOCATIONS\_BULK\_WACS**

Data Store Key: FscmTopModelAM.PrcPozPublicViewAM.SupplierSitePVO

Query Filter: `__DATASTORE__BUShortCode=US1 Business Unit AND ( __DATASTORE__SupplierEndDateActive IS NULL OR __DATASTORE__SupplierEndDateActive>CURRENT_DATE)AND __DATASTORE__SupplierSiteStatus=ACTIVE AND ( __DATASTORE__SupplierSitePurchasingSiteFlag=Y OR __DATASTORE__SupplierSitePaySiteFlag=Y)`

Data Store Options:  Silent Error,  Disable Effective Date Filter,  Extract Data Store Metadata,  Use UNION ALL for incremental extract

10. Enter the query in the **Query filter**.

**For Bulk**

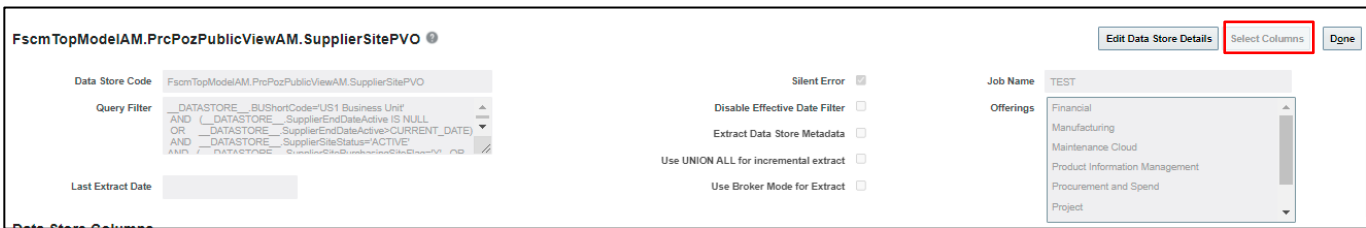
```
__DATASTORE__.BUShortCode='US1 Business Unit'
AND (__DATASTORE__.SupplierEndDateActive IS NULL
OR __DATASTORE__.SupplierEndDateActive>CURRENT_DATE)
AND __DATASTORE__.SupplierSiteStatus='ACTIVE'
AND (__DATASTORE__.SupplierSitePurchasingSiteFlag='Y' OR __DATASTORE__.SupplierSitePaySiteFlag='Y')
```

**For Incremental Update**

```
__DATASTORE__.BUShortCode='US1 Business Unit'
AND (__DATASTORE__.SupplierSitePurchasingSiteFlag='Y' OR __DATASTORE__.SupplierSitePaySiteFlag='Y')
AND (__DATASTORE__.SupplierEndDateActive IS NULL
OR __DATASTORE__.SupplierEndDateActive>=CURRENT_DATE)
```

**Note:** Replace the BU with the actual business BU.

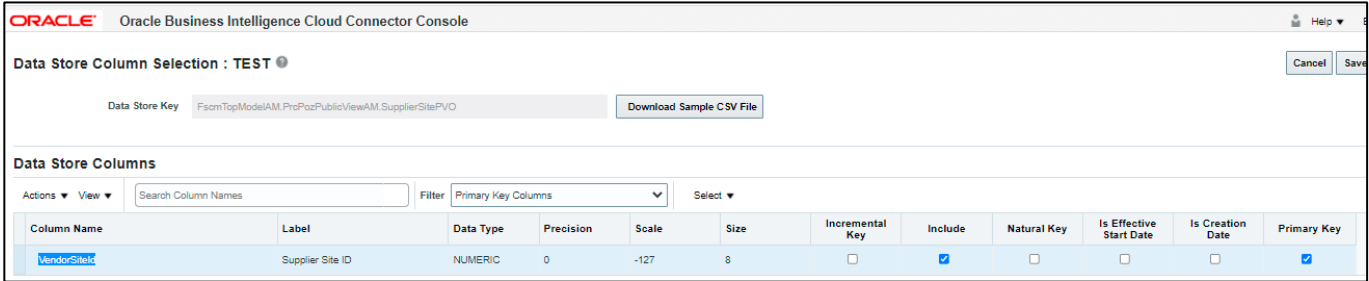
11. Click **Done**.
12. On the main screen, click **Select Columns**.



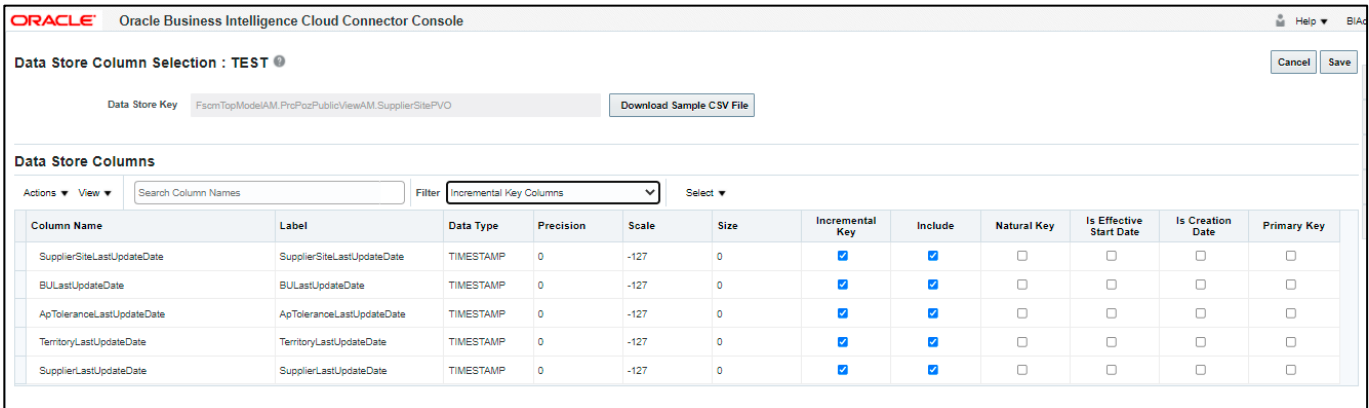
13. Include the necessary columns and click **Save**.

Column Name	Label	Data Type	Precision	Scale	Size	Incremental Key	Include	Natural Key	Is Effective Start Date	Is Creation Date	Primary Key
SupplierSiteGlobalAttributeTimestamp5	Global Attribute Time Stamp 5	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplier/VendorId	Supplier/VendorId	NUMERIC	0	-127	8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp4	Global Attribute Time Stamp 4	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp7	Global Attribute Time Stamp 7	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PartySiteOrigSystemReference	Original System Reference for Ad...	VARCHAR	240	-127	240	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp6	Global Attribute Time Stamp 6	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TerritoryObsoleteFlag	Obsolete	VARCHAR	1	-127	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp1	Global Attribute Time Stamp 1	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp3	Global Attribute Time Stamp 3	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp2	Global Attribute Time Stamp 2	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierStartDateActive	SupplierStartDateActive	DATE	0	-127	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SupplierSiteGlobalAttributeTimestamp9	Global Attribute Time Stamp 9	TIMESTAMP	0	-127	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Mark "VendorSiteId" as **Primary Key**.



15. Mark the columns shown in the figure below as **Incremental Key**.



16. Click **Save**.

To use package to create an extract manually (two separate extracts created for Bulk/Incremental), download the package. The package has four files:

- Use C.JOB.csv to fetch Name and Description.
- Use C\_JOB\_DATA\_STORE\_CUST\_COL\_REL.csv to identify columns to mark include in the “select column”. Add the above primary and incremental with the column.
- Use C\_JOB\_DATA\_STORE\_REL.csv to get the datastore.
- Use C\_JOB\_DATA\_STORE\_RUNTIME.csv to get the query to be updated in datastore.

## BICC Tool Setup

To set up the BICC tool:

1. Navigate to **Manage Offerings and Data Stores > Actions > Extract Preferences**.

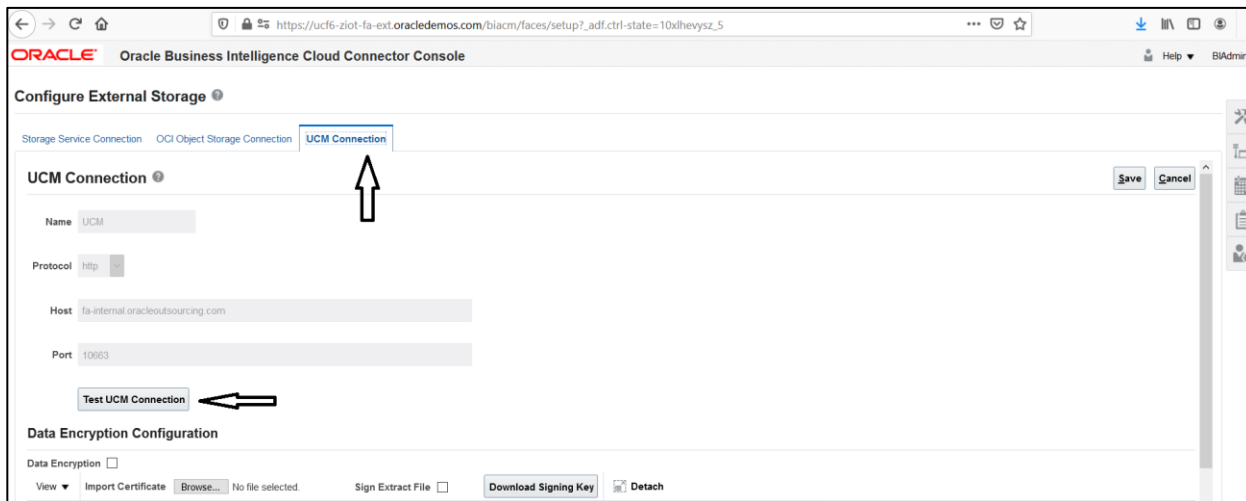
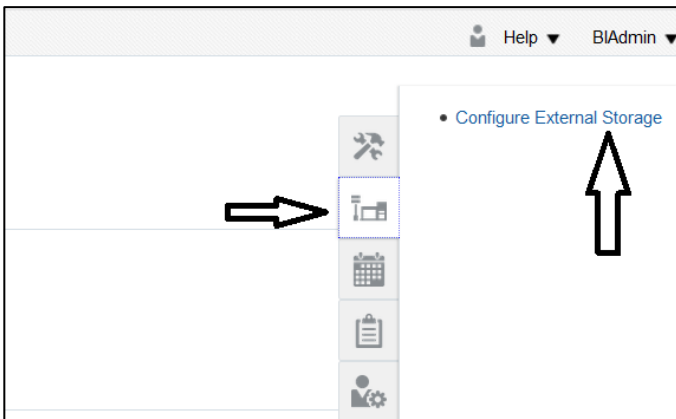




2. Verify the prune time. Set the **Prune Time in Minutes** to zero to reflect the changes immediately.



3. Navigate to **Configure External Storage** and make sure the UCM Connection setup is existing.



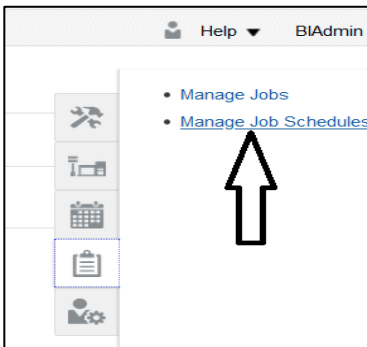
## Running the Extract Job

To run the Extract job:

1. Navigate to **Manage Job Schedules** on the right pane and click **Add**.



2. Click **Manage Job Schedules**.

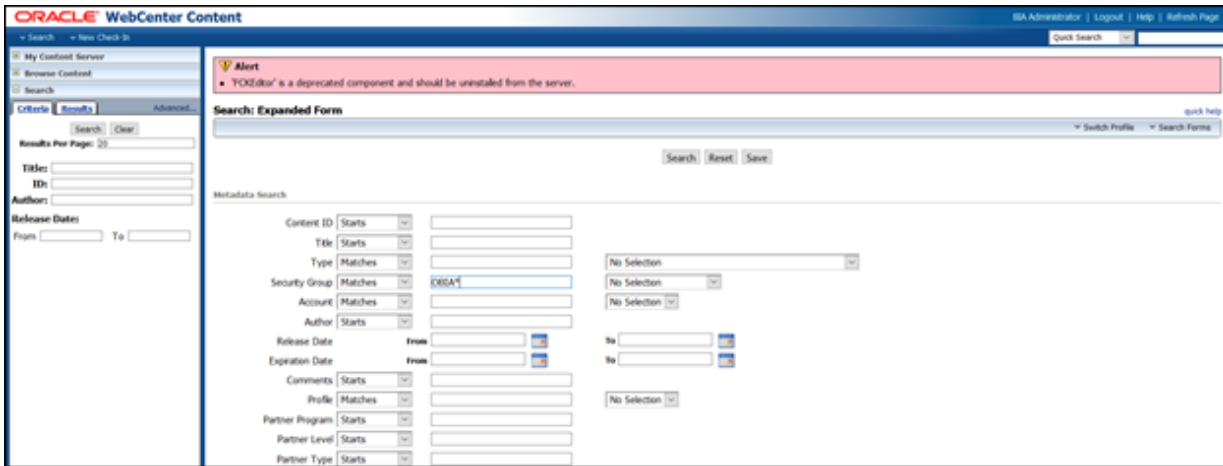


3. Enter the **Job Name**, **External Storage**, **Job Type**, and **Job Name**. Click **Save**.









**Note:** The status should be "Succeeded".

4. Go to UCM and search for the extracted files.
  - https://<Fusion application URL>/cs
  - 1. Enter "OBIA.\*" in the **Security Group** field and search.



2. Click the respective ID and download the file. You will be able to see the CSV file as per the Vendor extract mapping file in the BICC.

Select	ID	Title	Date	Author	Actions
<input type="checkbox"/>	<a href="#">UCMFA02530605</a>	EXTRACT_STATUS_DATA_41-SCHEDULE_2012413_REQUEST_2012413-20210325_103903.JSON	3/25/21	FUSION_APPS_C	 
<input type="checkbox"/>	<a href="#">UCMFA02530604</a>	MANIFEST_DATA_41-SCHEDULE_2012413_REQUEST_2012413.MF	3/25/21	FUSION_APPS_C	 
<input type="checkbox"/>	<a href="#">UCMFA02530603</a>	file_fscmtopodelam_prpcozpublicviewam_suppliersitepvo-batch1846978430-20210325_104135.zip	3/25/21	FUSION_APPS_C	 

## Chapter 2: Requisition Integration

---

This chapter focuses on the basic integration overview for requisition integration. Oracle Utilities Work and Asset Cloud Service Procurement requisitions (PO Requisitions) is the central repository for requisition records.

The key attributes will be captured from Oracle Utilities Work and Asset Cloud Service and synchronized to Oracle Fusion Procurement Cloud using the Incremental Update.

This seamless integration between Oracle Utilities Work and Asset Cloud Service and Oracle Fusion Procurement Cloud helps to have the same requisition definition across both platforms.

The chapter focuses the following:

- [Design Details](#)
- [Configuring Requisitions in Oracle Fusion Procurement Cloud](#)
  - [Pre-requisites](#)
  - [Setting up Inventory Organization and Location \(Delivery Location\)](#)
  - [Setting up Inventory Location](#)
  - [Setting up Descriptive Flexfields \(DFF\)](#)

### Design Details

### Incremental Update

Incremental Update will be requisition data integration from Oracle Utilities Work and Asset Cloud Service to Oracle Fusion Procurement Cloud where all the requisition data definitions are integrated to Oracle Fusion Procurement Cloud through Oracle Integration Cloud using REST APIs.

### Configuring Requisitions in Oracle Fusion Procurement Cloud

This section focuses on integrating the data that comes as a part of the package and configuring them in the Oracle Integration Cloud environment for the integration to run successfully. Make sure to follow the package upload procedure in the same sequence for successful configuration.

Oracle Fusion Procurement Cloud has different inventory organization (single or multiple) setups depending on the organization's requirement. In the integration, single LE, BU and Organization setup are used.

Oracle Utilities Work and Asset Cloud Service needs to map organization and Location setup as per the requirement in sync with Oracle Fusion Procurement Cloud setup.

## Pre-requisites

The pre-requisites are as follows:

1. All the Oracle Utilities Work and Asset Cloud Service requisition inventory items should be synchronized with Oracle inventory cloud master/inventory organization.
2. All the Oracle Utilities Work and Asset Cloud Service supplier and supplier sites should be synchronized with Oracle Fusion Procurement Cloud suppliers.
3. Unit of Measurement should be defined and mapped as per the Oracle Utilities Work and Asset Cloud Service requirement.

## Setting up Inventory Organization and Location (Delivery Location)

This section describes a sample setup for reference. The setup will depend on the customer/business implementing the integration.

Inventory Organization Name: Seattle

Organization Code: 001

Navigate to **Setup and Maintenance > Search > Manage Inventory Organization**. Search for the organization.

The screenshot shows the Oracle Vision user interface for managing inventory organizations. The page title is 'Manage Inventory Organizations'. It features a search section with several input fields: 'Organization' (a dropdown menu), 'Profit Center Business Unit' (a dropdown menu), 'Organization Name' (a text input field), 'Legal Entity' (a dropdown menu), and 'Management Business Unit' (a dropdown menu). There are also buttons for 'Advanced', 'Saved Search', and 'All Inventory Organizations'. Below the search fields, there are 'Search', 'Reset', and 'Save...' buttons. The 'Search Results' section is currently empty, displaying 'No search conducted.' and 'Columns Hidden 7'. The interface includes a top navigation bar with the 'vision' logo and a bottom toolbar with various action icons like 'View', 'Format', 'Freeze', 'Detach', and 'Wrap'.

**Financial Information**

Management Business Unit US1 Business Unit      Legal Entity US1 Legal Entity  
 Primary Ledger US Primary Ledger      Profit Center Business Unit US1 Business Unit

General   Lot, Serial Number, and Packing Unit   Item Sourcing Details   Additional Information

**General Information** ?

**Item Definition Settings**

\* Item Master Organization Operations  
 Item Grouping Behavior Definition Organization  
 Item Definition Organization Seattle  
 \* Starting Revision A

**Inventory Settings**

\* Schedule Operations  
 Time Zone (UTC+00:00) Coordinated T  
 Locator Control No locator control

Allow negative balances  
 Allow negative on-hand transactions  
 Use original receipt date  
 Round reorder quantity  
 Automatically cancel transfer order backorders  
 Use current item cost

**Additional Usages**

Organization is a manufacturing plant  
 Organization performs maintenance activities  
 Organization represents a contract manufacturer  
 Organization is associated with an internal customer

Integrated System Type  
 Supplier  
 Supplier Site  
 Customer Name  
 Account Number

**Movement Request**

Pick Slip Batch Size  
 Replenishment Movement Request Grouping  
 Automatically delete picks when movement requests are canceled  
 Close movement request lines at pick confirmation

## Setting up Inventory Location

The Oracle Utilities Work and Asset Cloud Service delivery locations (store rooms) should be mapped to the inventory locations of the inventory organization.

This section describes a sample setup for reference. The setup will depend on the customer/business implementing the integration.

1. Check the **ERP Value** column (Inventory Cloud Organization Locations) in the following table. It shows the number of locations defined against the organization (Seattle) with the organization code "001".

WACS Value	WACS Store Rooms	ERP Value	ERP Organization Code
<452478085231>	Central Storeroom	WACS_Seattle	001
<071529520446>	QC Storeroom	WACS_California	001
<226353575324>	North canton Storeroom	WACS_Boston	001

2. Navigate to **Setup and Maintenance > Search > Manage Inventory Organization Locations**.
3. Search for the code in the **Code** field.

Manage Locations

Search

Advanced Saved Search Active Locations

\*\* Name

\*\* Code WACS%

Status Active

Location Set

Country

City

Postal Code

Effective As-of Date

Search Reset Save...

Search Results

Results on Map

Results in Table

View Format Create Edit Export Manage in Spreadsheet

Map Results	Name	Code	Lo Se	St Ch	Address Line 1	City	Postal Code	Country
0	WACS Item Location2 MJ	WACS_Item_LOC2_MJ	C. A. N.	WACS_Item_LO...	S. 94209	United States		
1	WACS_Seattle_MJ	WACS_SEATTLE_MJ	C. A. N.	MJ Address1	S. 90494	United States		
2	WACS_Seattle_MJ1	WACS_Seattle_MJ1	C. A. N.	MJ Address111	D. 30997	United States		
3	WACS_Seattle_MJ2	WACS_Seattle_MJ2	C. A. N.	WACS_Seattle_...	M. 10003	United States		
4	WACS US Location1 MJ	WACS_US_LOC1_MJ	C. A. N.	WACS US LOC1...	S. 94203	United States		

- Click + to create a new location.
- Enter the location address details and attach the required organization.

Location : WACS\_Seattle\_MJ - WACS\_SEATTLE\_MJ

Basic Details

Effective Start Date 1/1/51

Effective End Date

Location Set Common Set

Action Reason

Location Information

Name WACS\_Seattle\_MJ

Code WACS\_SEATTLE\_MJ

Description WACS\_SEATTLE\_MJ

Attachments None

Location Latitude

Location Longitude

Status Active

Inventory Organization Seattle

Contact Details

Main Address

MJ Address1

MJ Address2

Address Santa Monica, CA 90494

Los Angeles

United States

Time Zone

Official Language

Email

Geographic Hierarchy

Main Phone

Fax

Other Phone

Shipping Details

Ship-to Site Yes

Ship-to Location WACS\_Seattle\_MJ

Receiving Site Yes

Bill-to Site Yes

Office Site Yes

Designated Receiver

- Click Done.

## Setting up Descriptive Flexfields (DFF)

To set up descriptive a flexfield:

- Navigate to **Setup and Maintenance > Search > Manage Requisition Descriptive Flexfields**.

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Manage Requisition Descriptive Flexfields

Actions View Detach

Name

POR\_REQUISITION\_HEADERS

POR\_REQUISITION\_LINES

POR\_REQ\_DISTRIBUTIONS

2. Click **PO\_REQUISTION\_LINES** and edit it.

Manage Requisition Descriptive Flexfields

Search Results

Name	Type	Module	Flexfield Code	En Us	Description	Deployment Status	Deployment Error Message	Deployment Date
Requisition Lines	Descriptive Flexfield	Self Service Proc...	POR_REQUISTION_LINES		User-defined attributes ...	✓		3/1/21 11:52 PM

3. Click **Manage Context** and add contexts with all the context sensitive segments.

Manage Requisition Descriptive Flexfields

Manage Contexts | Manage Segment Labels | Save | Save and Close | Cancel

Name: Requisition Lines  
Flexfield Code: POR\_REQUISTION\_LINES  
Description: User-defined attributes to requisition lines

Global Segments

Sequence	Name	Table Column	Value Set	Enabled	Prompt
No data to display. Columns Hidden: 6					

Context Segment

\* Prompt: Context  
API Name: [ ]  
Value Set: [ ]  
Default Type: [ ]  
Derivation Value: [ ]  
\* Display Type: List of Values

Context Sensitive Segments

Specify segments based on the defined context value.

Context: WACS

Context Sensitive Segments

Specify segments based on the defined context value.

Context: WACS

Sequence	Name	Table Column	Value Set	Prompt
10	WACS_PR_NUM_C	ATTRIBUTE15	30 Characters	WACS PR Number
20	WACS_PR_HDR_ID_C	ATTRIBUTE16	30 Characters	WACS PR Header ID
30	WACS_PR_LINE_ID_C	ATTRIBUTE17	30 Characters	WACS PR Line ID

4. Navigate to **Manage Contexts** and add a context.

Manage Contexts

Flexfield Name: Requisition Lines  
Flexfield Code: POR\_REQUISTION\_LINES

Search

Context Code: [ ]  
Description: [ ]  
Display Name: [ ]

Search Results

Display Name	Context Code	Enabled	Description
WACS	WACS	Yes	WACS Context



5. Edit it to add segments.

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Edit Context: WACS

Flexfield Name: Requisition Lines  
Flexfield Code: POR\_REQUISITION\_LINES

\* Display Name: WACS  
Context Code: WACS  
\* API name: Wacs  
Description: WACS Context  
 Enabled

Context Sensitive Segments

Sequence	Name	Code	Value Data Type	Display Type	Value Set	Default Value	Enabled	Required	Prompt
10	WACS_PR_NUM_C	WACS_PR_NUM_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Number
20	WACS_PR_HDR_ID_C	WACS_PR_HDR_ID_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Header ID
30	WACS_PR_LINE_ID_C	WACS_PR_LINE_ID_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Line ID

Columns Hidden 1

Validators

Recursive

6. Add the following context sensitive segments and the respective details for each segment.

**WACS\_PR\_NUM\_C**

Flexfield Name: Requisition Lines  
Flexfield Code: POR\_REQUISITION\_LINES  
Context Code: WACS

\* Name: WACS\_PR\_NUM\_C  
Code: WACS\_PR\_NUM\_C  
\* API Name: wacsPrNumC  
Description: WACS PR Number  
 Enabled

Column Assignment

Data Type: Character  
Table Column: ATTRIBUTE15

Validation

\* Value Set: 30 Characters  
Value Set Description: 30 Characters: no validation  
Range Type:   
 Required

Initial Default

Default Type:   
Derivation Value:   
View Value Set | Create Value Set

Display Properties

\* Prompt: WACS PR Number  
\* Display Type: Text Box  
Display Size: 25  
Display Height:   
 Read-only  
Definition Help Text: WACS PR Number  
Instruction Help Text: WACS PR Number

Business Intelligence

BI Enabled  
BI Label:   
View Value Set | Create Value Set

## WACS\_PR\_HDR\_ID\_C

## WACS\_PR\_LINE\_ID\_C

Make sure the API names (example: wacsPrNumC ) of the respective column name should be shown in the figures above. API names are referred in the REST API integration. Any mismatch in the names might lead to an error in the integration.

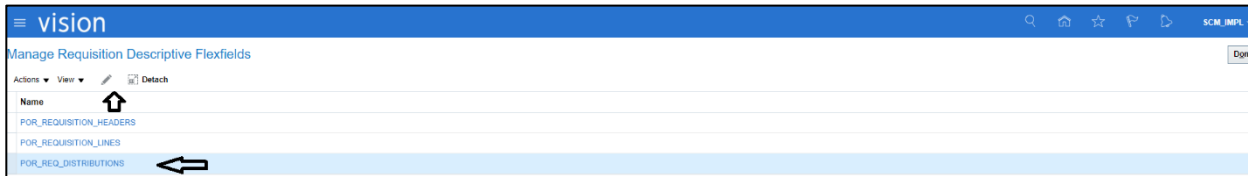
In context sensitive DFF, additional DFF fields under the context value are created. When the context value in the application is selected, the DFF fields are shown in the application. Else, no DFF field is shown.

POR_REQUISITION_LINES DFF Setup Details				
Column Name	Data type	Size	Table column	Prompt
WACS_PR_NUM_C	Character V.S : 30 Characters	30	ATTRIBUTE15	WACS PR Number
WACS_PR_HDR_ID_C	Character V.S : 30 Characters	30	ATTRIBUTE16	WACS PR Header ID

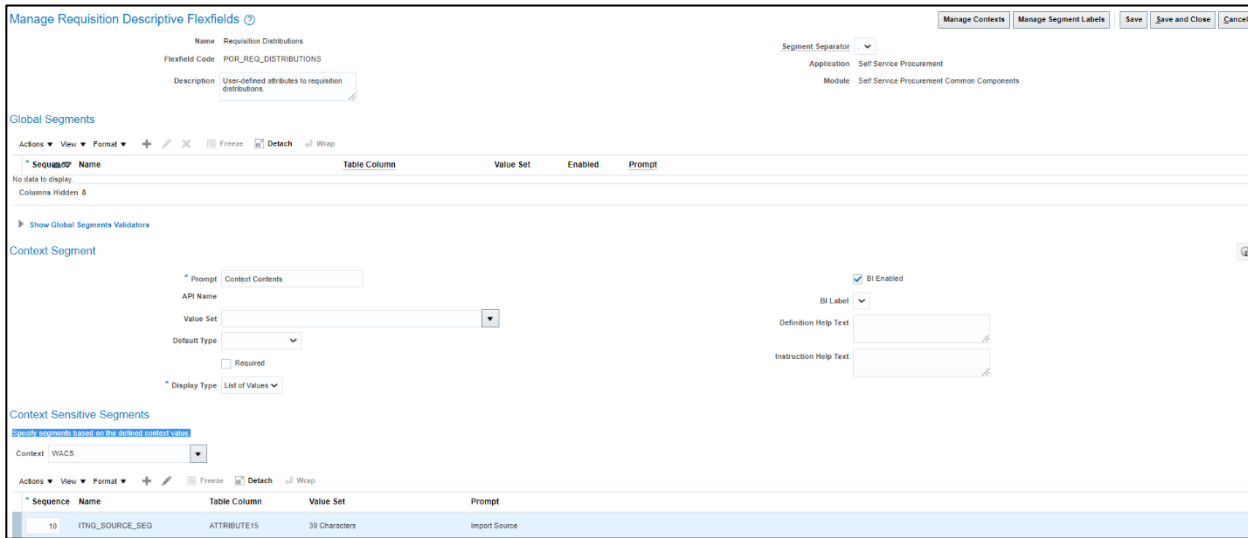
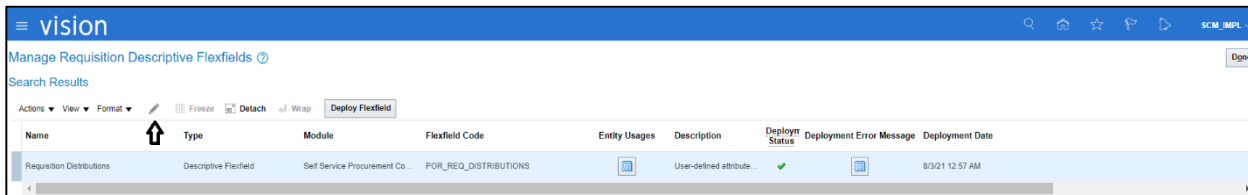
POR_REQUISITION_LINES DFF Setup Details				
Column Name	Data type	Size	Table column	Prompt
WACS_PR_LINE_ID_C	Character V.S : 30 Characters	30	ATTRIBUTE17	WACS PR Line ID

To setup descriptive flexfields at the requisition distribution level:

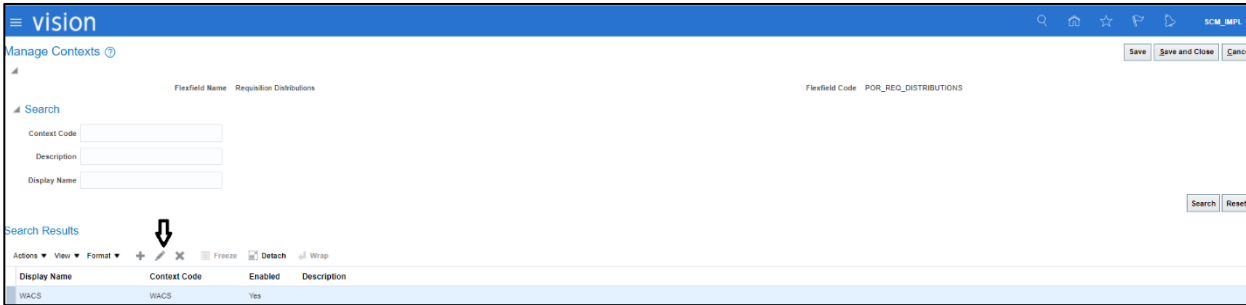
1. Navigate to **Setup and Maintenance > Search > Manage Requisition Descriptive Flexfields.**



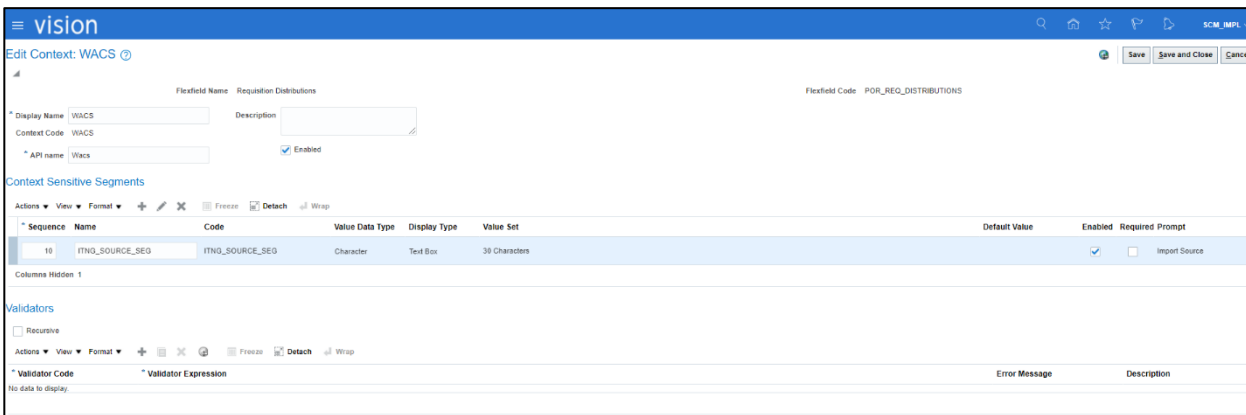
2. Click **POR\_REQ\_DISTRIBUTIONS** and edit.



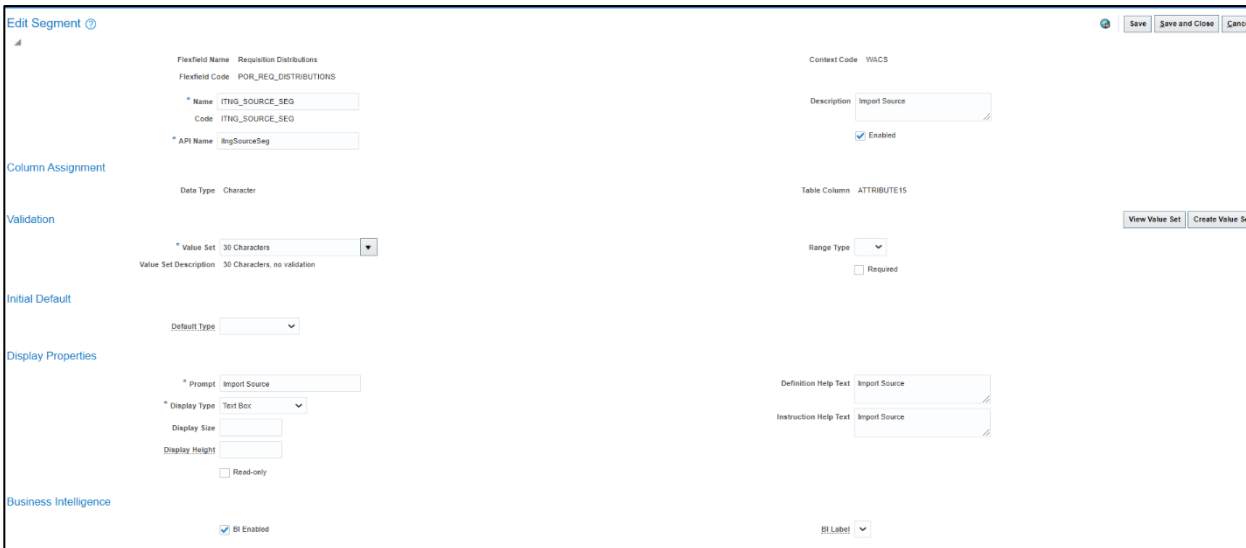
3. Click **Manage Context** to add the respective context.



4. Add context sensitive segments to the context.



The following figure shows the “ITNG\_SOURCE\_SEG” segment details.



5. Click **Save and Close**.

**Note that** both requisition line and distribution (deploy flexfield) should be compiled. Make sure that the deploy status is enabled.

# Chapter 3: Purchase Order (PO) Integration

This chapter includes the basic integration overview for purchase order (PO) integration. Oracle Fusion Procurement Cloud PO is the central repository of the PO records.

Oracle Procurement Fusion Cloud receives requisitions from Oracle Utilities Work and Asset Cloud Service and converts it into a PO. All the DFF details are setup at the requisition line and copied based on the Oracle Fusion Procurement Cloud copy DFF setup.

The PO details are reviewed and submitted for approval. All the approved POs are interfaced to Oracle Utilities Work and Asset Cloud Service system through a business event call in the Oracle Integration Cloud system.

The key attributes are captured in Oracle Fusion Procurement Cloud and synchronized to Oracle Utilities Work and Asset Cloud Service using the incremental update.

This seamless integration between Oracle Fusion Procurement Cloud and Oracle Utilities Work and Asset Cloud Service helps to have the same PO definition across both platforms.

The chapter focuses on the following:

- [Design Details](#)
  - [Incremental Update](#)
- [Configuring PO in Oracle Fusion Procurement Cloud](#)
  - [Setting up a DFF Copy Profile](#)
  - [Setting up PO Lines DFF](#)

## Design Details

### *Incremental Update*

Incremental update will be PO data integration from Oracle Fusion Procurement Cloud to Oracle Utilities Work and Asset Cloud Service system, where all the PO data definitions are integrated to Oracle Utilities Work and Asset Cloud Service system through Oracle Integration Cloud using REST APIs.

Flow: Requisitions > PO > WACS

## Configuring PO in Oracle Fusion Procurement Cloud

This section focuses on integrating the data that comes as a part of the package and configuring them in the Oracle Integration Cloud environment for the integration to run successfully. Make sure to verify that the DFF copy profile setups are completed in Oracle Fusion Procurement Cloud for successful configuration.

### Setting up a DFF Copy Profile

To set up a DFF copy profile:

1. Navigate to **Setup and Maintenance > Search > Manage Administrator Profile Values**.
2. Search with wild cards. Set the profiles values according to the values given in the following table.

Profile Name	Value
PO_COPY_REQ_DFF_TO_PO	Yes
PO_COPY_REQ_LINE_DFF_TO_PO	Yes

3. For the “PO\_COPY\_REQ\_DFF\_TO\_PO” profile, set the value to **Yes**.

Manage Administrator Profile Values

Search : Profile Option

Profile Option Code: PO%COPY%

Profile Display Name:

Category:

Application:

Module:

Search Results

Search Results : Profile Options

Profile Option Code	Profile Display Name	Application	Module	Stg De	End Date	Description
PO_COPY_REQ_DFF_TO_PO	Requisition Distribution	Purchasing	Common Purchasing Entities	2...		Enable descriptive flexfields to be copied from a requisition distribution to the corresponding purchase order distribution
PO_COPY_REQ_HDR_DFF_TO_PO	Requisition Header Des.	Purchasing	Common Purchasing Entities	4...		Enable descriptive flexfields to be copied from a requisition header to the corresponding purchase order header when creating a new purchase order
PO_COPY_REQ_LINE_DFF_TO_PO	Requisition Line Descrip...	Purchasing	Common Purchasing Entities	4...		Enable descriptive flexfields to be copied from a requisition line to the corresponding purchase order line

PO\_COPY\_REQ\_DFF\_TO\_PO: Profile Values

Profile Level	Product Name	User Name	Profile Value
Site			Yes

4. For the “PO\_COPY\_REQ\_LINE\_DFF\_TO\_PO” profile, set the value to **Yes**.

PO\_COPY\_REQ\_LINE\_DFF\_TO\_PO

Requisition Line Descrip... Purchasing Common Purchasing Entities 4... Enable descriptive flexfields to be copied from a requisition line to the corresponding purchase order line

PO\_COPY\_REQ\_LINE\_DFF\_TO\_PO: Profile Values

Profile Level	Product Name	User Name	Profile Value
Site			Yes

5. Click **Save and Close** to save the profiles.

## Setting up PO Lines DFF

Set up the PO lines DFF to copy the value from the requisition lines DFF. To copy the values, note that the requisition line DFF and PO line DFF should have the same structure.

To set up a PO line DFF:

1. Navigate to **Setup and Maintenance > Search > Manage Descriptive Flexfields > Search DFF**.

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Manage Descriptive Flexfields

Search

Name: Purchasing%Document%  
 Flexfield Code: PO%  
 Module: [Dropdown]

Search Reset

Search Results

Actions View Format Freeze Detach Wrap Deploy Flexfield

Name	Type	Module	Flexfield Code	En Us	Description	Deployment Status	Deployment Error Message	Deployment Date
Purchasing Document Types	Descriptive Flexfield	Common Purch...	PO_DOCUMENT_TYPES		A type or name that indi...	✓		6/6/18 10 27 AM
Purchasing Document Headers	Descriptive Flexfield	Common Purch...	PO_HEADERS		A document header whi...	✓		1/29/21 8 38 AM
Purchasing Document Lines	Descriptive Flexfield	Common Purch...	PO_LINES		A line of the document t...	✓		1/29/21 8 41 AM
Purchasing Document Schedules	Descriptive Flexfield	Common Purch...	PO_LINE_LOCATIONS		Purchase order line shi...	✓		10/19/20 11 42 AM

2. Click **Purchasing Document Lines** and edit to add the DFF context and corresponding context sensitive segments.
3. Click **Manage Contexts** and add the "WACS" context.

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Edit Descriptive Flexfield: Purchasing Document Lines

Name: Purchasing Document Lines  
 Flexfield Code: PO\_LINES  
 Description: A line of the document that specifies the goods or services ordered and details regarding the order.

Segment Separator: [Dropdown]  
 Application: Purchasing  
 Module: Common Purchasing Entities

Manage Contexts Manage Segment Labels Save Save and Close Cancel

Global Segments

Actions View Format Freeze Detach Wrap

No data to display.  
 Columns Hidden: 0

Show Global Segments Validators

Context Segment

\* Prompt: Context  
 API Name: [Text]  
 Value Set: [Dropdown]  
 Default Type: [Dropdown]  
 Derivation Value: [Dropdown]  
 Required  
 \* Display Type: List of Values

BI Enabled  
 BI Label: [Dropdown]  
 Definition Help Text: [Text Area]  
 Instruction Help Text: [Text Area]

Context Sensitive Segments

Specify segments based on the defined context value.  
 Context: WACS

Context Sensitive Segments

Specify segments based on the defined context value.  
 Context: WACS

Actions View Format Freeze Detach Wrap

Sequence	Name	Table Column	Value Set	Prompt
10	WACS_PR_HUM_C	ATTRIBUTE15	30 Characters	WACS PR Number
20	WACS_PR_HDR_ID_C	ATTRIBUTE16	30 Characters	WACS PR Header ID
30	WACS_PR_LINE_ID_C	ATTRIBUTE17	30 Characters	WACS PR Line ID

4. Edit the context and add context sensitive segments.

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Manage Contexts

Flexfield Name: Purchasing Document Lines  
 Flexfield Code: PO\_LINES

Search

Context Code: [Text]  
 Description: [Text]  
 Display Name: [Text]

Search Reset

Search Results

Actions View Format Freeze Detach Wrap

Display Name	Context Code	Enabled	Description
WACS	WACS	Yes	WACS PO Lines context segments

vision

Edit Context: WACS

Flexfield Name: Purchasing Document Lines  
Flexfield Code: PO\_LINES

\* Display Name: WACS  
Context Code: WACS  
\* API Name: Wacs  
Description: WACS PO Lines context segments  
 Enabled

Context Sensitive Segments

Sequence	Name	Code	Value Data Type	Display Type	Value Set	Default Value	Enabled	Required	Prompt
10	WACS_PR_NUM_C	WACS_PR_NUM_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Number
20	WACS_PR_HDR_ID_C	WACS_PR_HDR_ID_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Header ID
30	WACS_PR_LINE_ID_C	WACS_PR_LINE_ID_C	Character	Text Box	30 Characters		<input checked="" type="checkbox"/>	<input type="checkbox"/>	WACS PR Line ID

Validators

\* Validator Code  
\* Validator Expression  
Error Message  
Description

5. Add the following context sensitive segments.

### WACS\_PR\_NUM\_C

Edit Segment

Flexfield Name: Purchasing Document Lines  
Flexfield Code: PO\_LINES  
Context Code: WACS

\* Name: WACS\_PR\_NUM\_C  
Code: WACS\_PR\_NUM\_C  
\* API Name: wacsPrNumC  
Description: WACS PR Number  
 Enabled

Column Assignment

Data Type: Character  
Table Column: ATTRIBUTE15

Validation

\* Value Set: 30 Characters  
Value Set Description: 30 Characters, no validation  
Range Type:   
 Required

Initial Default

Default Type:   
Derivation Value:   
View Value Set | Create Value Set

Display Properties

\* Prompt: WACS PR Number  
\* Display Type: Text Box  
Display Size: 25  
Display Height:   
 Read-only  
Definition Help Text: WACS PR Number  
Instruction Help Text: WACS PR Number

Business Intelligence

BI Enabled  
BI Label:   
Save | Save and Close | Cancel



## WACS\_PR\_HDR\_ID\_C

Flexfield Name: Purchasing Document Lines  
Flexfield Code: PO\_LINES  
Name: WACS\_PR\_HDR\_ID\_C  
Code: WACS\_PR\_HDR\_ID\_C  
API Name: wacsPrHdrIdC  
Data Type: Character  
Value Set: 30 Characters  
Value Set Description: 30 Characters, no validation  
Default Type: [Dropdown]  
Display Properties:  
Prompt: WACS PR Header ID  
Display Type: Text Box  
Display Size: 25  
Read-only:   
Business Intelligence:  BI Enabled  
Context Code: WACS  
Description: WACS PR Header ID  
Enabled:   
Table Column: ATTRIBUTE16  
Range Type: [Dropdown]  
Required:   
Derivation Value: [Dropdown]  
Definition Help Text: WACS PR Header ID  
Instruction Help Text: WACS PR Header ID  
BI Label: [Dropdown]

## WACS\_PR\_LINE\_ID\_C

Flexfield Name: Purchasing Document Lines  
Flexfield Code: PO\_LINES  
Name: WACS\_PR\_LINE\_ID\_C  
Code: WACS\_PR\_LINE\_ID\_C  
API Name: wacsPrLineIdC  
Data Type: Character  
Value Set: 30 Characters  
Value Set Description: 30 Characters, no validation  
Default Type: [Dropdown]  
Display Properties:  
Prompt: WACS PR Line ID  
Display Type: Text Box  
Display Size: 25  
Read-only:   
Business Intelligence:  BI Enabled  
Context Code: WACS  
Description: WACS PR Line ID  
Enabled:   
Table Column: ATTRIBUTE17  
Range Type: [Dropdown]  
Required:   
Derivation Value: [Dropdown]  
Definition Help Text: WACS PR Line ID  
Instruction Help Text: WACS PR Line ID  
BI Label: [Dropdown]

### *Adding the DFF Setup at PO Distribution Level*

1. Navigate to **Setup and Maintenance > Search > Manage Descriptive Flexfields**.
2. Search for the "Purchase Order Distributions" DFF.
3. Edit it to add the context sensitive segment.

**vision**

### Manage Descriptive Flexfields

Search

Name: Purchas%  
 Flexfield Code: PO  
 Module: [Dropdown]

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
Purchase Agreement Line Item Values	Descriptive Flexfield	Common Purchasing Entities	PO_ATTRIBUTE_VALUES	[Icon]	Blanket agreement li...	✓	[Icon]	3/23/17 7:21 AM
Purchase Order Distributions	Descriptive Flexfield	Common Purchasing Entities	PO_DISTRIBUTIONS	[Icon]	Purchase order line a...	✓	[Icon]	8/3/21 12:30 AM

4. Add the context and the context sensitive segments.

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### Edit Descriptive Flexfield: Purchase Order Distributions

Name: Purchase Order Distributions  
 Flexfield Code: PO\_DISTRIBUTIONS  
 Description: Purchase order line accounting distribution values

Global Segments

Context Segment

\* Prompt: Context  
 API Name: [Dropdown]  
 Value Set: [Dropdown]  
 Default Type: [Dropdown]  
 Deviation Value: [Dropdown]  
 \* Display Type: List of Values

Context Sensitive Segments

Specify segments based on the defined context value.  
 Context: WACS

Sequence	Name	Table Column	Value Set	Prompt
10	ITNG_SOURCE_SEG	ATTRIBUTE15	30 Characters	Import Source

**vision**

### Manage Contexts

Flexfield Name: Purchase Order Distributions  
 Flexfield Code: PO\_DISTRIBUTIONS

Search

Context Code: [Input]  
 Description: [Input]  
 Display Name: [Input]

Search Results

Display Name	Context Code	Enabled	Description
WACS	WACS	Yes	Integration Source Code

**vision**

### Edit Context: WACS

Flexfield Name: Purchase Order Distributions  
 Flexfield Code: PO\_DISTRIBUTIONS

\* Display Name: WACS  
 Description: Integration Source Code  
 Context Code: WACS  
 \* API Name: WACS  
 Enabled

Context Sensitive Segments

Sequence	Name	Code	Value Data Type	Display Type	Value Set	Default Value	Enabled	Required	Prompt
10	ITNG_SOURCE_SEG	ITNG_SOURCE_SEG	Character	Text Box	30 Characters		✓	<input type="checkbox"/>	Import Source

Validators

Validator Code	Validator Expression	Error Message	Description
No data to display.			

5. Add the following context sensitive segments.

**ITNG\_SOURCE\_SEG**

The screenshot shows the 'Edit Segment' configuration page for 'ITNG\_SOURCE\_SEG'. Key fields include:

- Flexfield Name: Purchase Order Distributions
- Flexfield Code: PO\_DISTRIBUTIONS
- Name: ITNG\_SOURCE\_SEG
- Code: ITNG\_SOURCE\_SEG
- API Name: ITNGSOURCESEG
- Context Code: WACS
- Description: Import Source
- Enabled:
- Data Type: Character
- Table Column: ATTRIBUTE15
- Value Set: 30 Characters
- Value Set Description: 30 Characters, no validation
- Range Type: [Dropdown]
- Required:
- Default Type: [Dropdown]
- Destination Value: [Dropdown]
- Prompt: Import Source
- Display Type: Text Box
- Display Size: 25
- Display Height: [Input]
- Read-only:
- BI Enabled:

6. Deploy the modified flexfields.

The screenshot shows the 'Manage Descriptive Flexfields' search results page. A 'Deploy Flexfield' button is highlighted with a downward arrow. Below is a table showing search results for flexfields:

Name	Type	Module	Flexfield Code	Entity Usages	Description	Deployment Status	Deployment Error Message	Deployment Date
Purchase Agreement Line Item Values	Descriptive Flexfield	Common Purchasing Entities	PO_ATTRIBUTE_VALUES	[Icon]	Blanket agreement li...	✓	[Icon]	3/23/17 7:21 AM
Purchase Order Distributions	Descriptive Flexfield	Common Purchasing Entities	PO_DISTRIBUTIONS	[Icon]	Purchase order line a...	✓	[Icon]	8/3/21 12:30 AM

*Setting up Invoice Distribution DFF*

1. Navigate to **Setup and Maintenance > Search > Manage Descriptive Flexfields**.
2. Search for the "Invoice Distribution" DFF.
3. Edit it to add the context sensitive segment.

**Note:** All the attributes for distribution should have the same attribute for it to flow from purchase requisition to purchase order and Invoice.

**vision**

Manage Descriptive Flexfields [?](#)

Search

Name Invoice%

Flexfield Code AP

Module

Search Results

Actions View Format Freeze Detach Wrap **Deploy Flexfield**

Name	Type	Module	Flexfield Code	Entity Usages	Description	Deploy Status	Deployment Error Message	Deployment Date
Invoice Holds	Descriptive Flexfield	Payables	AP_HOLDS	<input type="checkbox"/>	Fields for hold details...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/19/17 7:49 PM
Invoices	Descriptive Flexfield	Payables	AP_INVOICES	<input type="checkbox"/>	Fields for invoice det...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/19/17 7:56 PM
Invoice Gateway Header	Descriptive Flexfield	Payables	AP_INVOICES_INTERFACE	<input type="checkbox"/>	Fields for invoice det...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/19/17 7:52 PM
Invoice Distributions	Descriptive Flexfield	Payables	AP_INVOICE_DISTRIBUTIONS	<input type="checkbox"/>	Fields for invoice dist...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/6/21 10:15 AM
Invoice Lines	Descriptive Flexfield	Payables	AP_INVOICE_LINES	<input type="checkbox"/>	Fields for invoice line...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/19/17 7:52 PM
Invoice Gateway Lines	Descriptive Flexfield	Payables	AP_INVOICE_LINES_INTERFACE	<input type="checkbox"/>	Fields for invoice line...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/19/17 7:51 PM
Invoice Payments	Descriptive Flexfield	Payables	AP_PAYMENT_SCHEDULES	<input type="checkbox"/>	Fields for Payment d...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11/10/18 8:32 PM

**vision**

Edit Descriptive Flexfield: Invoice Distributions [?](#)

Name Invoice Distributions

Flexfield Code AP\_INVOICE\_DISTRIBUTIONS

Description Fields for invoice distributions on the invoice distributions region.

Segment Separator

Application Payables

Module Payables

Global Segments

Actions View Format Freeze Detach Wrap

\* Sequence Name Table Column Value Set Enabled Prompt

No data to display.

Columns Hidden 8

Show Global Segments Validators

Context Segment

\* Prompt Context

API Name

Value Set

Default Type

Required

\* Display Type Text Box

BI Enabled

BI Label

Definition Help Text

Instruction Help Text

Context Sensitive Segments

Specify segments based on the defined context value.

Context WACS

Actions View Format Freeze Detach Wrap

\* Sequence Name Table Column Value Set Prompt

10	ITNG_SOURCE_SEG	ATTRIBUTE15	30 Characters		Import Source
----	-----------------	-------------	---------------	--	---------------

**vision**

Manage Contexts [?](#)

Flexfield Name Invoice Distributions

Flexfield Code AP\_INVOICE\_DISTRIBUTIONS

Search

Context Code

Description

Display Name

Search Results

Actions View Format Freeze Detach Wrap

Display Name	Context Code	Enabled	Description
WACS	WACS	Yes	Integration Source

vision

Edit Context: WACS

Flexfield Name: Invoice Distributions  
Flexfield Code: AP\_INVOICE\_DISTRIBUTIONS

\* Display Name: WACS  
Context Code: WACS  
\* API Name: WACS

Description: Integration Source  
 Enabled

Context Sensitive Segments

Sequence	Name	Code	Value Data Type	Display Type	Value Set	Default Value	Enabled	Required	Prompt
10	ITNG_SOURCE_SEG	ITNG_SOURCE_SEG	Character	Text Box	30 Characters		<input type="checkbox"/>	<input type="checkbox"/>	Import Source

Validators

\* Validator Code  
\* Validator Expression  
Error Message  
Description

vision

Edit Segment

Flexfield Name: Invoice Distributions  
Flexfield Code: AP\_INVOICE\_DISTRIBUTIONS  
Context Code: WACS

\* Name: ITNG\_SOURCE\_SEG  
Code: ITNG\_SOURCE\_SEG  
\* API Name: ItngSourceSeg

Description:   
 Enabled

Column Assignment

Data Type: Character  
Table Column: ATTRIBUTE15

Validation

\* Value Set: 30 Characters  
Value Set Description: 30 Characters, no validation

Range Type:   
 Required

Initial Default

Default Type:

Display Properties

\* Prompt: Import Source  
\* Display Type: Text Box  
Display Size: 25  
Display Height:   
 Read-only

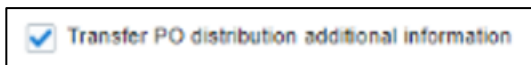
Definition Help Text:   
Instruction Help Text:

Business Intelligence

BI Enabled  
BI Label:

To access the **Manage Invoice Options** task:

1. Navigate to **Setup and Maintenance > Define General Payables Options > Manage Invoice Options**.
2. Make sure that the business unit context is set.
3. Drill down to **Manage Invoice Options** and open the task.
4. Make sure the Transfer PO Distribution Additional Information setup is complete to copy the PO distribution DFF values. See the following figure.



vision

Manage Invoice Options

Business Unit: US1 Business Unit

Invoice Entry

- Require invoice grouping
- Allow document category override
- Allow adjustments to paid invoices
- Allow remit to supplier override for third-party payments
- Recalculate invoice instalments
- Hold unmatched invoices
- Enable invoice account coding workflow
- Prevent Deletion of Invoice Attachments

Receipt Acceptance Days:

Matching

- Allow final matching
- Allow matching distribution override
- Transfer PO distribution additional information

Discount

- Exclude tax item calculation
- Exclude freight from calculation

Discount Allocation Method

- All invoice lines
- Tax lines and single distribution
- Single distribution

Invoice Currency: USD - US Dollar

Payment Currency: USD - US Dollar

Pay Group: Standard

\* Payment Priority: 99

\* Payment Terms: Immediate

\* Terms Date Basis: Invoice date

\* Pay Date Basis: Discount date


\* Accounting Date Basis: Invoice date

\* Budget Date Basis: Accounting date

Quantity Tolerances: Percentage of Quantity base

Amount Tolerances: Amount Ordered by 10 Perc

Always take discount



5. Click **Save and Close**.

# Chapter 4: Inventory Receipts and Returns

---

This chapter focuses on the basic integration overview of inventory receipts integration. Oracle Utilities Work and Asset Cloud Service receipts are interfaced to the Oracle Fusion Procurement Cloud inventory system.

Oracle Utilities Work and Asset Cloud Service inventory is the central repository of inventory records, like in-hand balance, costing, etc. All the inventory transactions are maintained in the Oracle Utilities Work and Asset Cloud Service inventory.

The key attributes of receipts are captured in the Oracle Utilities Work and Asset Cloud Service system and interfaced to Oracle inventory and synced using incremental update.

This seamless integration between Oracle Utilities Work and Asset Cloud Service and Oracle Fusion Procurement Cloud helps to have the same PO receipts definition across both platforms.

The chapter includes the following:

- [Design Details](#)
  - [Incremental Update](#)
- [Configuring Receipts and Returns in Oracle Fusion Procurement Cloud](#)
  - [Setting up Receipts DFF](#)
  - [Setting up Receipt Line](#)

## Design Details

### Incremental Update

Incremental update is the integration of inventory receipts from the Oracle Utilities Work and Asset Cloud Service system to Oracle cloud inventory, where all the receipts data definitions are integrated to Oracle inventory through Oracle Integration Cloud using REST APIs.

**Flow:** Receipts (Oracle Utilities Work and Asset Cloud Service) to Receipts (Oracle Fusion Procurement Cloud)

## Configuring Receipts and Returns in Oracle Fusion Procurement Cloud

This section focuses on integrating the data that comes as a part of the package and configuring it in the Oracle Integration Cloud environment for the integration to run successfully. Complete the following in the Oracle Fusion Procurement Cloud system for successful configuration.

### Setting up Receipts DFF

1. Navigate to **Setup and Maintenance > Manage Descriptive Flexfields > Receipt**.  
Alternatively, you can navigate to **Setup and Maintenance > Manage Receiving Descriptive Flexfields > Receipt header**.
2. Select **Receipt Header** and click the edit icon.

Search

Name:

Flexfield Code:

Module:

Search Results

Actions View Format Freeze Detach Wrap **Deploy Flexfield**

Name	Type	Module	Flexfield Code	En Us	Description	Deploy Status
Receipt Line	Descriptive Flexfield	Common	RCV_SHIPMENT_LINES		Fields for receipt line.	✓
Receipt Header	Descriptive Flexfield	Common	RCV_SHIPMENT_HEADERS		Fields for receipt header.	✓

3. Click **Manage Contexts**.

4. Click + to add a primary context.

vision Manage Contexts

Flexfield Name: Receipt Header Flexfield Code: RCV\_SHIPMENT\_HEADERS

Context Code:

Description:

Display Name:

Search Results

Actions View Format Freeze Detach Wrap

Display Name	Context Code	Enabled	Description
No search conducted.			

Enter the following details:

- Display Name: WACS
- Context Code: WACS
- API Name: Wacs

Edit Context: WACS

Flexfield Name: Receipt Header

\* Display Name:  Description:

Context Code:

\* API name:   Enabled

Context Sensitive Segments

Actions View Format + Freeze Detach Wrap

* Sequence	Name	Code	Value Data Type	Display Type	Value Set
10	<input type="text" value="WACS_PO_HEADER_ID"/>	WACS_PO_HEADER_ID	Character	Text Box	30 Characters
20	<input type="text" value="WACS_RCPT_HEADER_ID"/>	WACS_RCPT_HEADER_ID	Character	Text Box	30 Characters

Columns Hidden 1



5. Add the following segments:

### WACS\_PO\_HEADER\_ID

Edit Segment ⓘ

Flexfield Name Receipt Header  
Flexfield Code RCV\_SHIPMENT\_HEADERS

\* Name WACS\_PO\_HEADER\_ID  
Code WACS\_PO\_HEADER\_ID  
\* API Name wacsPoHeaderId

Context Code WACS  
Description WACS PO Header ID  
 Enabled

Column Assignment  
Data Type Character  
Table Column ATTRIBUTE1

Validation  
\* Value Set 30 Characters  
Value Set Description 30 Characters, no validation  
Range Type  
 Required

Initial Default  
Default Type

Display Properties  
\* Prompt WACS\_PO\_HEADER\_ID  
\* Display Type Text Box  
Display Size 25  
Display Height  
 Read-only  
Definition Help Text WACS PO Header ID  
Instruction Help Text WACS PO Header ID

### WACS\_RCPT\_HEADER\_ID

Edit Segment ⓘ

Flexfield Name Receipt Header  
Flexfield Code RCV\_SHIPMENT\_HEADERS

\* Name WACS\_RCPT\_HEADER\_ID  
Code WACS\_RCPT\_HEADER\_ID  
\* API Name wacsRcptHeaderId

Context Code WACS  
Description WACS Receipt Header ID  
 Enabled

Column Assignment  
Data Type Character  
Table Column ATTRIBUTE2

Validation  
\* Value Set 30 Characters  
Value Set Description 30 Characters, no validation  
Range Type  
 Required

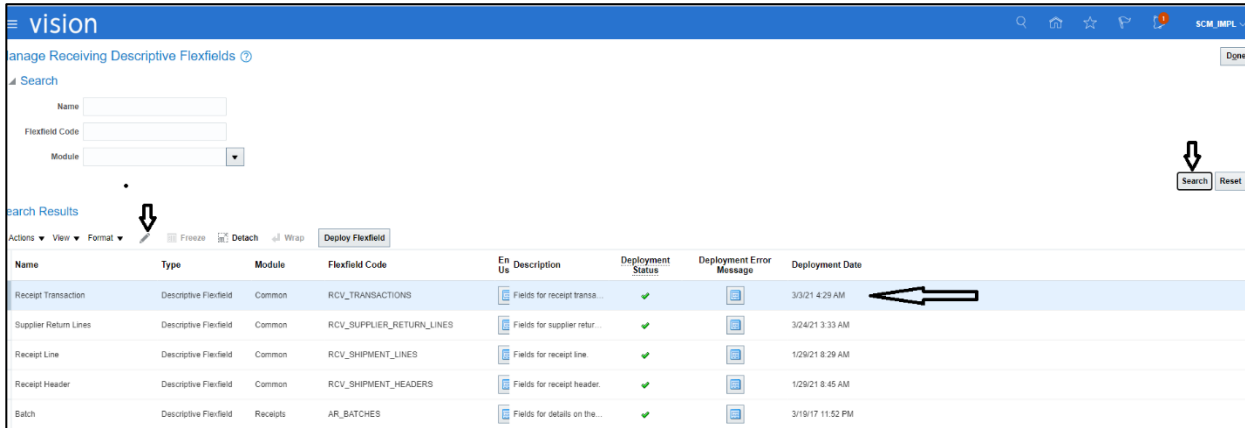
Initial Default  
Default Type

Display Properties  
\* Prompt WACS Receipt Header ID  
\* Display Type Text Box  
Display Size 25  
Display Height  
 Read-only  
Definition Help Text WACS Receipt Header ID  
Instruction Help Text WACS Receipt Header ID

6. Click **Save and Close**.

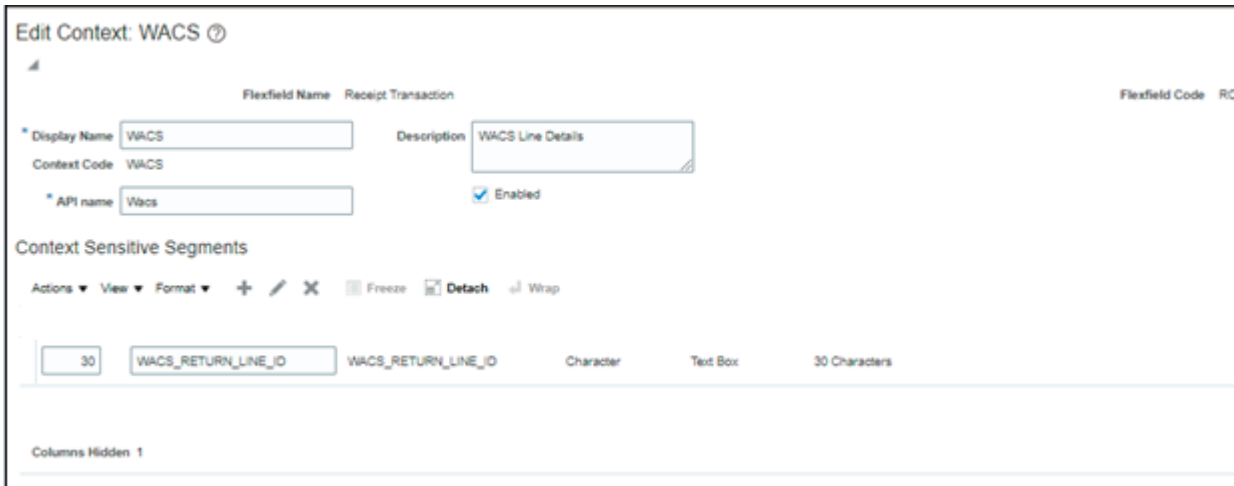
## Setting up Return Line

1. Navigate to **Setup and Maintenance > Manage Descriptive Flexfields > Receipt**.  
Alternatively, navigate to **Setup and Maintenance > Manage Receiving Descriptive Flexfields**.



Name	Type	Module	Flexfield Code	En Us	Description	Deployment Status	Deployment Error Message	Deployment Date
Receipt Transaction	Descriptive Flexfield	Common	RCV_TRANSACTIONS		Fields for receipt transa...	✓		3/3/21 4:29 AM
Supplier Return Lines	Descriptive Flexfield	Common	RCV_SUPPLIER_RETURN_LINES		Fields for supplier retur...	✓		3/24/21 3:33 AM
Receipt Line	Descriptive Flexfield	Common	RCV_SHIPMENT_LINES		Fields for receipt line.	✓		1/29/21 8:29 AM
Receipt Header	Descriptive Flexfield	Common	RCV_SHIPMENT_HEADERS		Fields for receipt header.	✓		1/29/21 8:45 AM
Batch	Descriptive Flexfield	Receipts	AP_BATCHES		Fields for details on the...	✓		3/19/17 11:52 PM

2. Click **Receipt Transaction** and click the edit icon.
3. Click **+** to add a context. Add the following details:
  - Display Name: WACS
  - Context Code: WACS
  - API Name: Wacs



Flexfield Name: Receipt Transaction      Flexfield Code: RCV\_TRANSACTIONS

\* Display Name:       Description:

Context Code:

\* API name:        Enabled

Context Sensitive Segments

Segment ID	Segment Name	Segment Code	Character	Text Box	Character Length
30	WACS_RETURN_LINE_ID	WACS_RETURN_LINE_ID	Character	Text Box	30 Characters

Columns Hidden: 1

**WACS\_RETURN\_LINE\_ID**

### Edit Segment

Flexfield Name Receipt Transaction  
Flexfield Code RCV\_TRANSACTIONS  
\* Name WACS\_RETURN\_LINE\_ID  
Code WACS\_RETURN\_LINE\_ID  
\* API Name wacsReturnLineId

Context Code WACS

Description WACS Return Line ID  
 Enabled

#### Column Assignment

Data Type Character

Table Column ATTRIBUTE3

#### Validation

\* Value Set 30 Characters  
Value Set Description 30 Characters, no validation

Range Type  
 Required

#### Initial Default

Default Type

#### Display Properties

\* Prompt WACS Return Line ID  
\* Display Type Text Box  
Display Size 25  
Display Height  
 Read-only

Definition Help Text WACS Return Line ID  
Instruction Help Text WACS Return Line ID

# Chapter 5: Blanket Contract Agreement

## ERP Financial Configuration for Blanket Contract Agreement

This section focuses on importing the files that come as a part of the package and configuring them in the Oracle ERP fusion cloud for the integration to run successfully. Make sure to follow the same sequence for successful configuration.

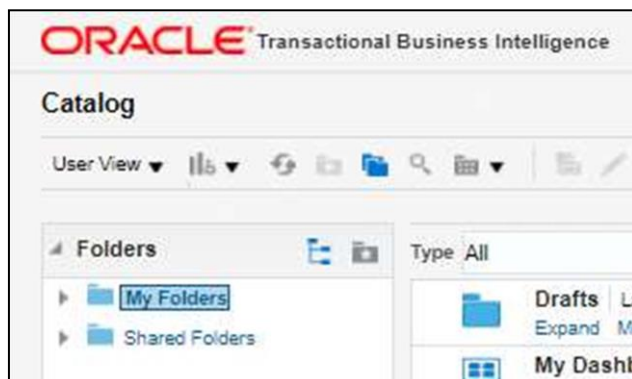
### Migrating Reports in Oracle Cloud Instances

The migration process involves three main steps:

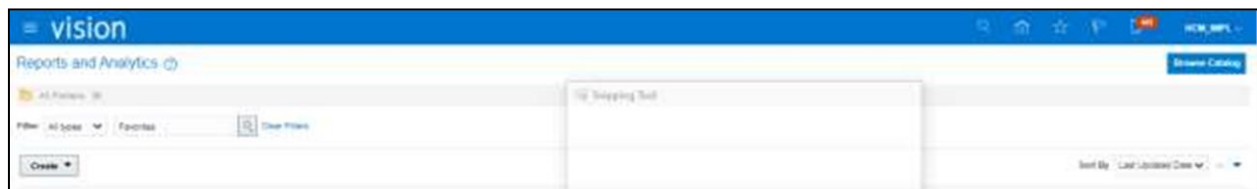
1. Archiving the Report and Data Model
2. Un-Archiving the Report and Data Model
3. Pointing the Report to the correct data model

To migrate reports:

4. Navigate to **Tools > Report and Analytics**.
5. Browse to the folder where the report and Data Model is placed.
6. Create a folder in shared folders > **Custom Folder** with name "FPRCWACS".



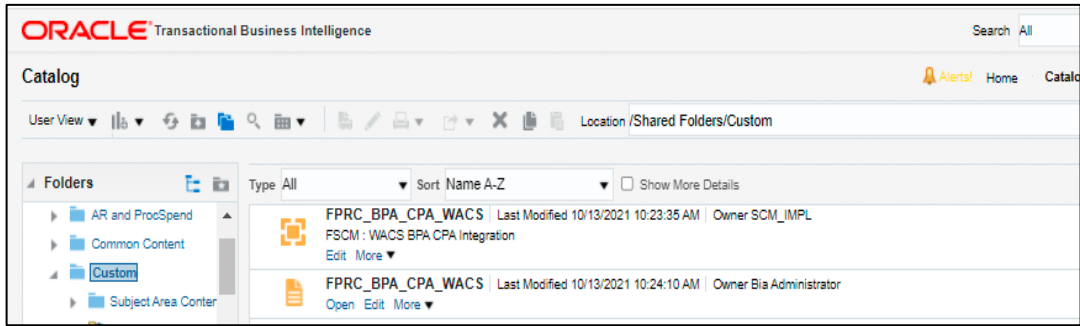
7. Use the files in the package with an extension of ".xdm.catalog" and "xdo.catalog".



8. Un-archive the report and data model.
9. Un-archive the files in the new instance.
10. Navigate to the folder created in step 3 to upload the report.
11. Click **Unarchive** in the **Tasks** pane.

The system will prompt you to browse and upload the file from your desktop. Make sure to select the ".xdo.catalog" file the report and ".xdm.catalog" file for the data model.

12. Point the report to the correct data model.
13. After uploading the report and/or data model, select the report and click **Edit**.



14. Click **Search** to navigate to the correct folder and select the data model.



15. Save the changes.

If the report is not generated:

1. Generate the sample data from the data model.
2. Save the data to create the report.
3. Select the same folder and override the existing xdm.catalog file.

# Chapter 6: Invoice and Invoice Payment

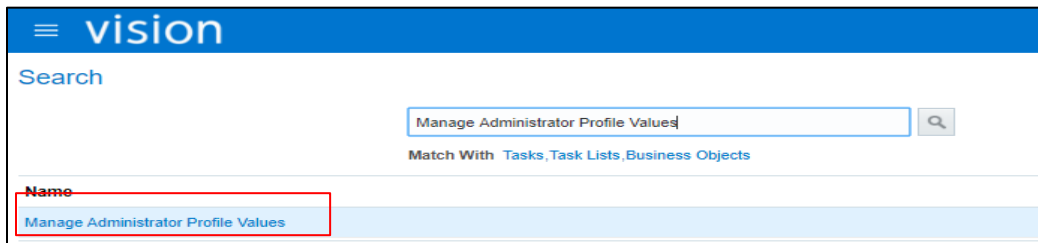
## ERP Financial Configuration

This chapter focuses on the configurations for outbound message from Oracle ERP Financial Cloud to Oracle Work and Asset Cloud Service. The integration subscribes to a business event which triggers the Invoice and payment. To enable the event, perform the following configurations in Oracle ERP Financial Cloud.

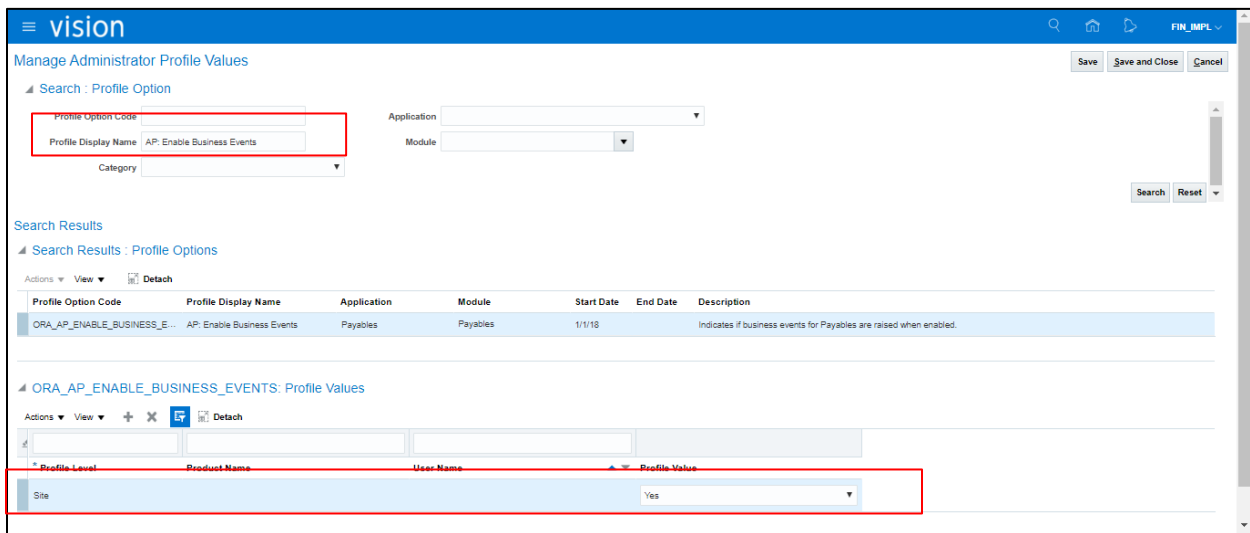
### Profile Option

To allow the events to trigger, enable the Profile option:

1. Login to Oracle ERP Financial Cloud.
2. In the **Setup and Maintenance** work area, search and navigate to the **Manage Administrator Profile Values** task.



3. Set the **Profile Value** to "Yes".



4. Click **Save and Close**.

### Descriptive Flexfield

For more information about creating descriptive flexfield for Invoice and Profile, refer to [Chapter 3: Purchase Order \(PO\) Integration](#).