Oracle Fusion Procurement Cloud Configurations for Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Procurement Cloud

Setup Guide

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Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Procurement Cloud Setup Guide, Release 22C

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Preface

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 Resources
- Documentation Accessibility
- Conventions
- Abbreviations

Audience

This document is intended for anyone implementing the integration of the following products with Oracle Fusion Procurement 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

Resource	Location
Oracle Utilities Work and Asset Cloud Service Integration to Oracle Fusion Procurement Cloud 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 Procurement Cloud documentation	https://docs.oracle.com/en/cloud/saas/procurement/21c/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 *Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)* 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.

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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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Abbreviations

This document includes the following abbreviations:

Term	Expanded Form
UCM	Universal Content Management
WACS	Oracle Utilities Work and Asset Cloud Service
OIC	Oracle Integration Cloud
FPRC	Oracle Fusion Procurement Cloud

Chapter 1

Vendor Locations Integration

This chapter focuses on the 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. It includes the following:

- Design Details

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/22d/oaprc/index.html

Design Details

This section focuses on the following:

- Bulk (Initial Upload)
- Incremental Update

Bulk (Initial Upload)

Bulk Upload will be the 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

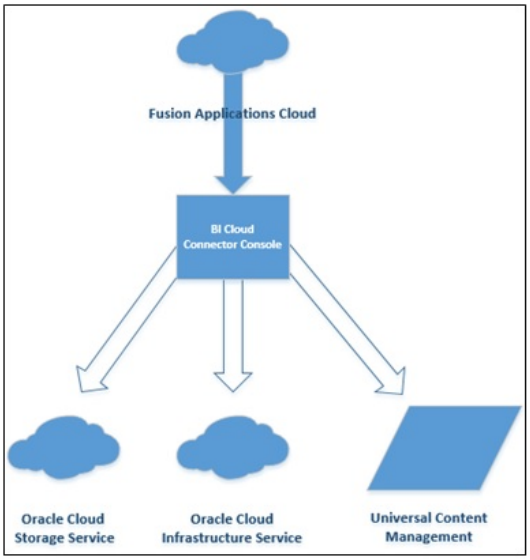
This section focuses on importing the files that come as a part of the package and configuring them in the Oracle BICC environment for the integration to run successfully. Make sure to follow the package upload procedure in the same sequence for successful configuration.

The section focuses on 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, 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
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

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

Pre-requisites

The following are the pre-requisites to import files that come as part of the package:

- 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 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.

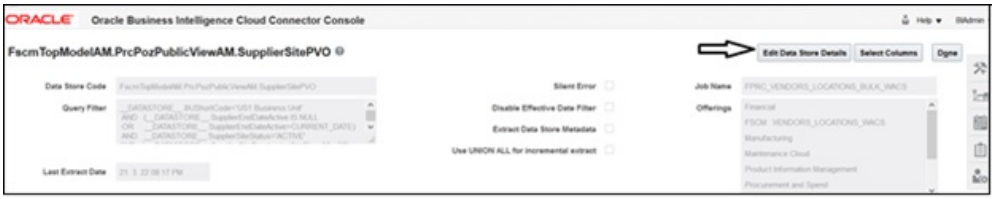
2. Login to the Oracle Fusion Procurement Cloud BICC application using the BIADMIN/<password>.

   https://FA OHS Host:FA OHS Port/biacm (or)

   https://<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:
   - 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. From the tool bar on the right pane, click the **Task List** icon.
   c. Click **Import Modification**.
   d. On the **Import Modification** window, click **Browse** to navigate to the source folder and select the zip file.
   e. Click **Import**.
6. From the tool bar on the right pane, click the **Manage Jobs** icon to verify if the jobs are uploaded successfully.
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**.

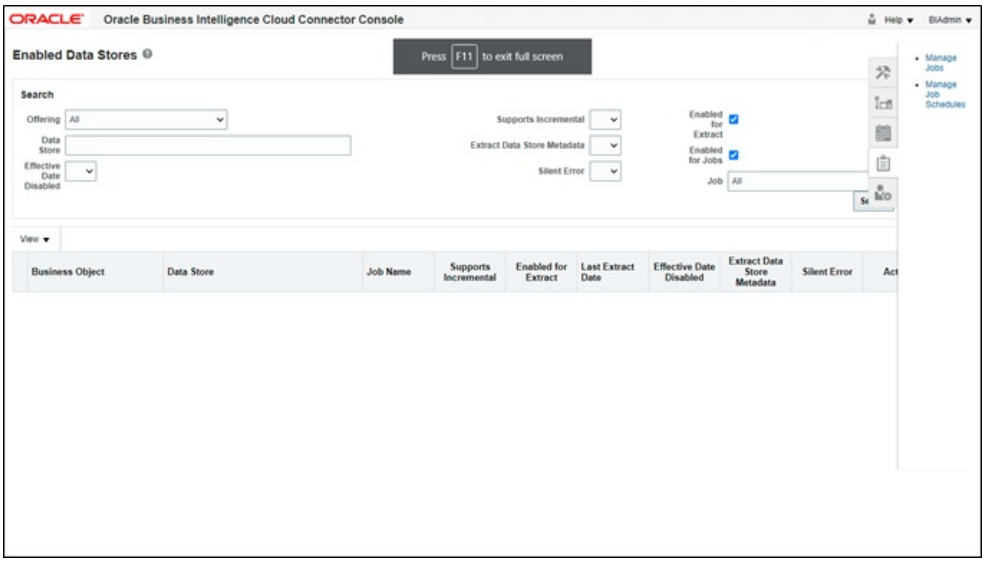


9. Edit the data store filter details.
10. Click **Save** to complete the updates.

    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, perform the steps below.

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

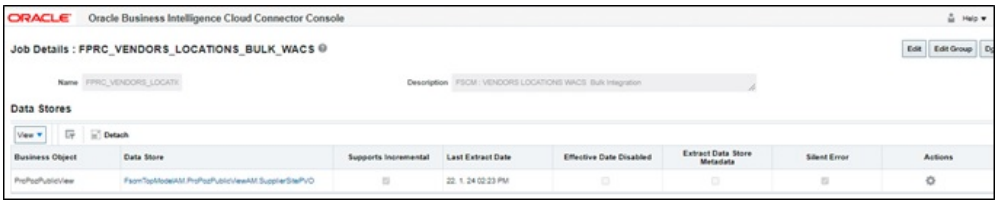


3. Click **+** to create a new job.
4. Enter the following details:
   - **Name**: FPRC_VENDORS_LOCATIONS_BULK_WACS
   - **Description**: FSCM : VENDORS LOCATIONS WACS Bulk Integration

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

6. After the business object is saved, datastore is displayed.
7. Click the job.

8. Click the datastore.



9. On the datastore, click **Edit Data Store Details**.
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')

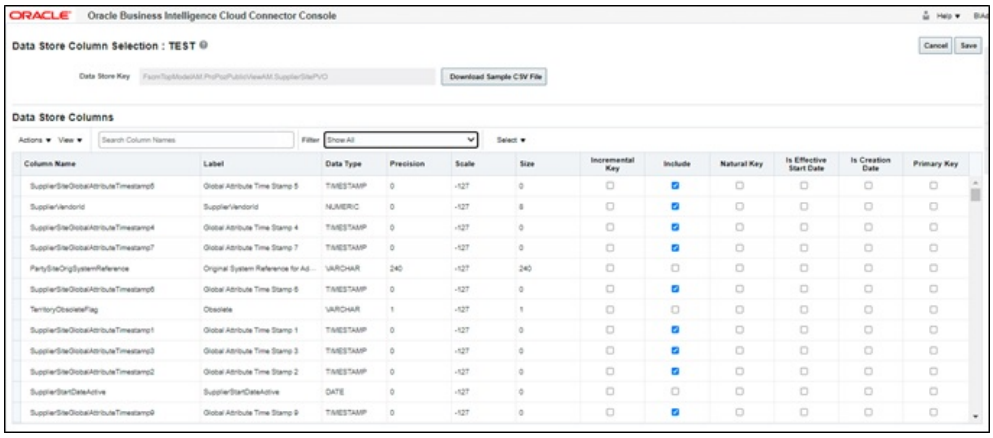
AND (__DATASTORE__.SupplierEndDateActive IS NULL

OR __DATASTORE__.SupplierEndDateActive>=CURRENT_DATE

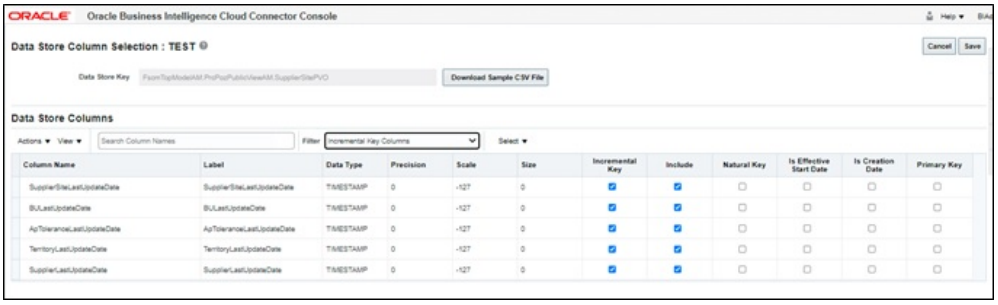
Note: Replace the BU with the actual business BU.

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

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



14. Mark "VendorSiteId" as **Primary Key**.
15. Mark the columns shown in the figure below as **Incremental Key**.



16. Click **Save**.

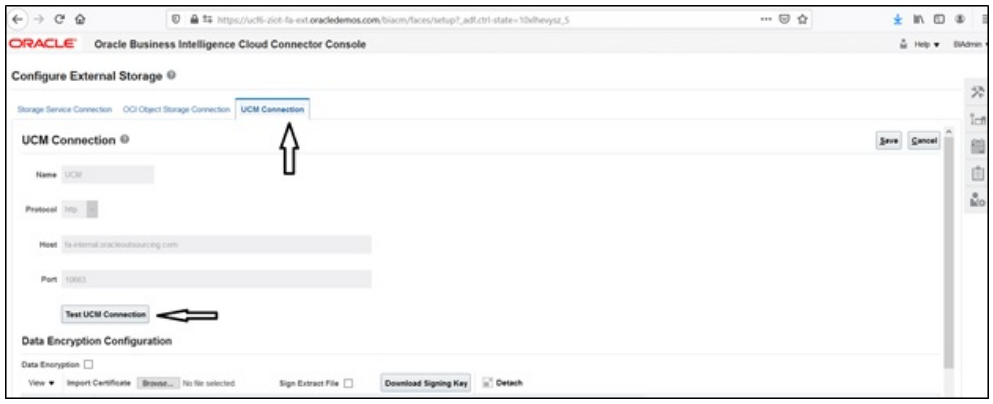
To use the package to create an extract manually (two separate extracts created for Bulk/ Incremental), download the package. The package has four files:

- 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. From the tool bar on the right pane, click **Configure External Storage** and make sure the UCM Connection setup is existing.



Running the Extract Job

To run the Extract job:

1. From the toolbar on the right pane, click **Manage Job Schedules**, and then 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. Login to UCM and search for the extracted files.

   https://<Fusion application URL>/cs

   a. Enter "OBIA.*" in the **Security Group** field and search.

   b. 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.

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 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.

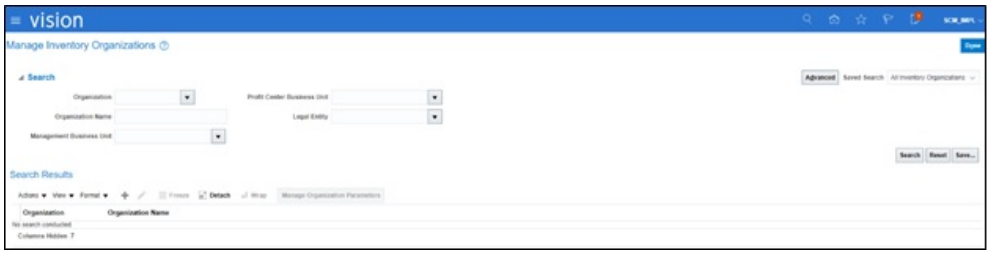
Setting up Inventory Organization and Location (Delivery Location)

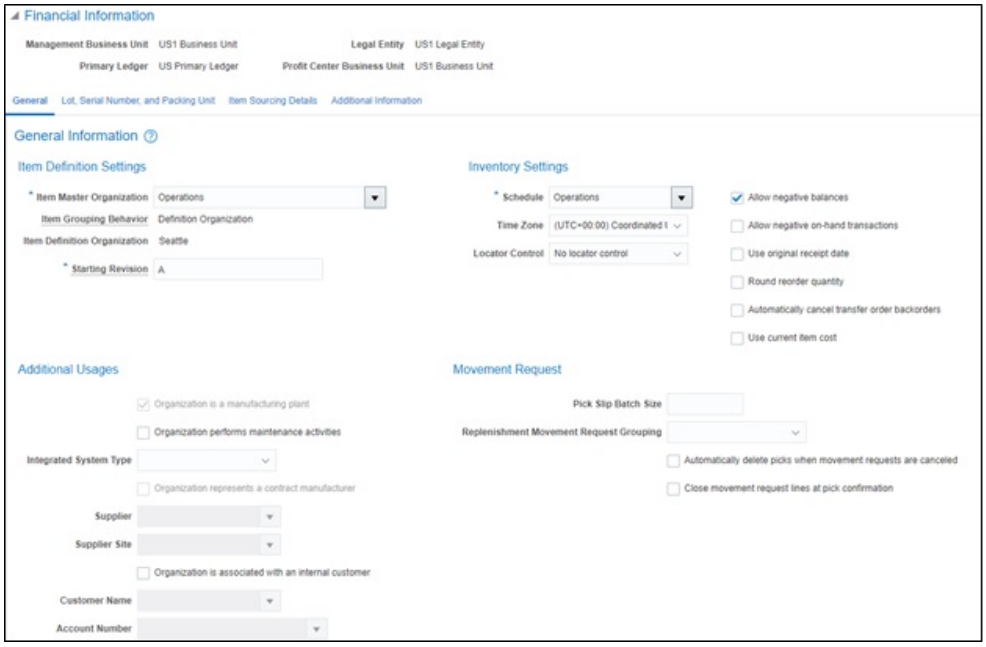
This section describes a sample setup for reference. The setup will depend on the customer/business implementing the integration.

Inventory Organization Name: Seattle

Organization Code: 001

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





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

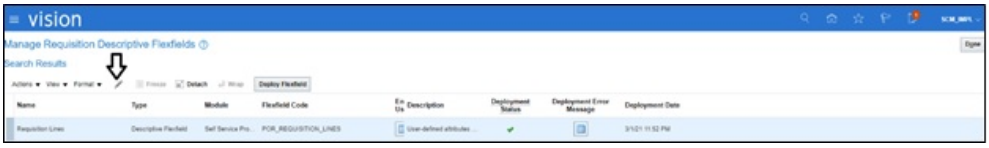
2. Navigate to **Setup and Maintenance** > **Search** > **Manage Inventory Organization Locations**.
3. Search for the code in the **Code** field.

4. Click + to create a new location.
5. Enter the location address details and attach the required organization.
6. Click **Done**.

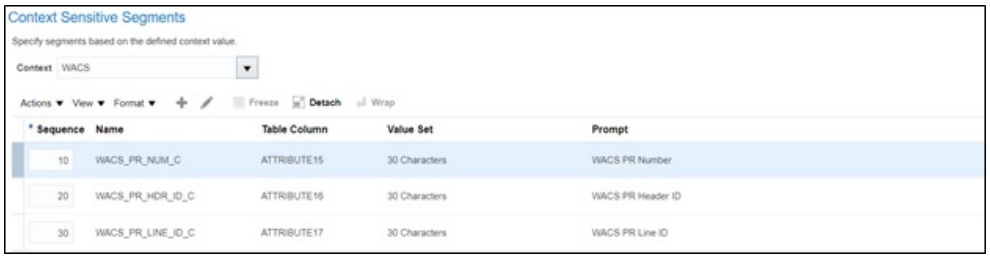
Setting up Descriptive Flexfields (DFF)

To setup a descriptive flexfield:

1. Navigate to **Setup and Maintenance** > **Search** > **Manage Requisition Descriptive Flexfields**.
2. Click **PO_REQUISTION_LINES** and edit it.



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



4. Click the edit icon to add segments.
5. Add the following context sensitive segments and the respective details for each segment.

   WACS_PR_NUM_C

   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.

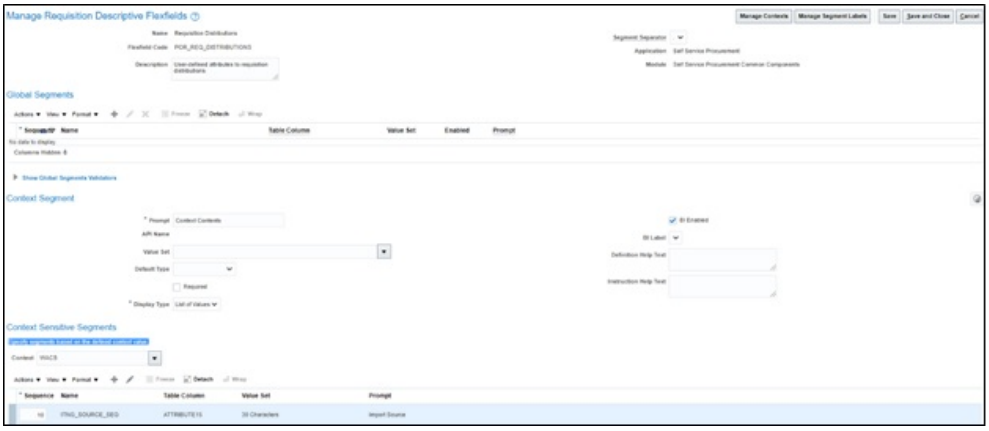
In context sensitive DFF, additional DFF fields under the context value are created. When the context value in the application is selected, the DFF fields are shown in the application. Else, no DFF field is shown.

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
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 complied. Make sure that the deploy status is enabled.

Chapter 3

Purchase Order (PO) Integration

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

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

The purchase order details are reviewed and submitted for approval. All the approved purchase orders 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 purchase order definition across both platforms.

The chapter focuses on the following:

- Design Details
- 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 > Oracle Utilities Work and Asset Cloud Service

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. For the profile names listed in the following table, set the profile values accordingly.

Profile Name	Value
PO_COPY_REQ_DFF_TO_PO	Yes
PO_COPY_REQ_LINE_DFF_TO_PO	Yes

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

Setting up PO Lines DFF

Setup 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**.
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.
4. Edit the context and add the following context sensitive segments.

WACS_PR_NUM_C

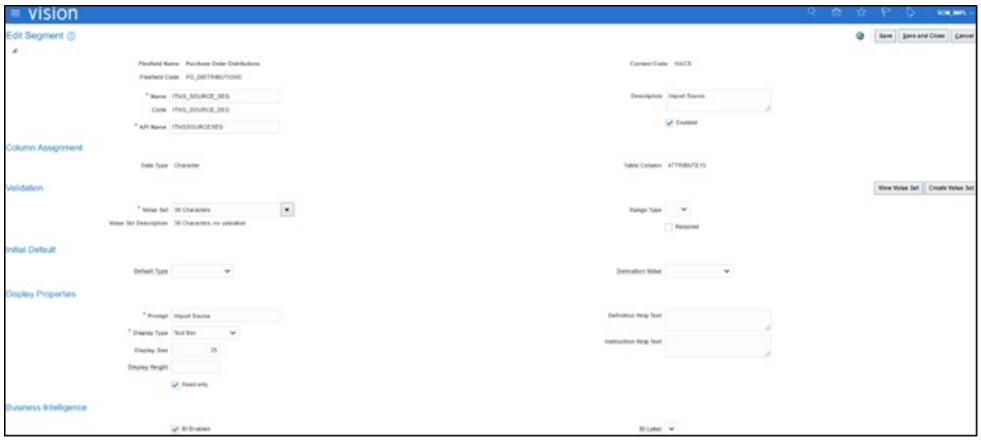
WACS_PR_HDR_ID_C

WACS_PR_LINE_ID_C

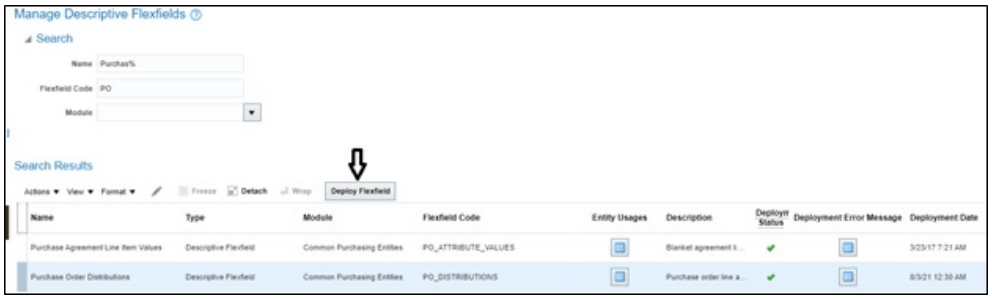
Adding the DFF setup at PO Distribution Level:

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

   ITNG_SOURCE_SEG



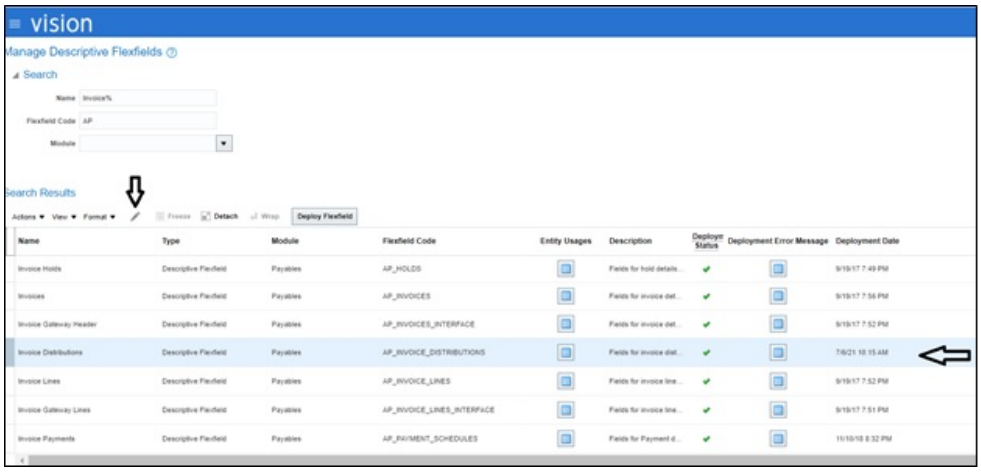
4. Deploy the modified flexfields.

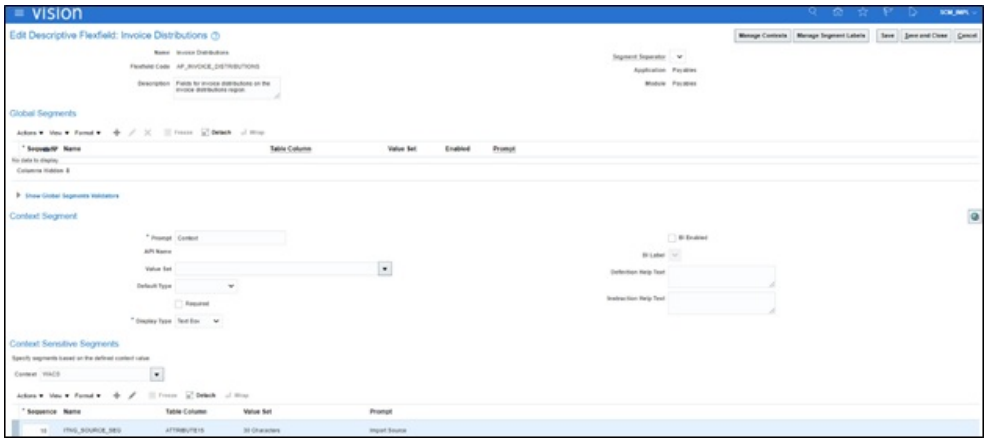


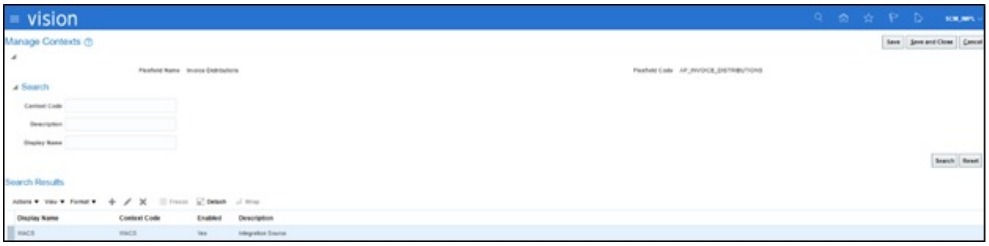
Setting up Invoice Distribution DFF

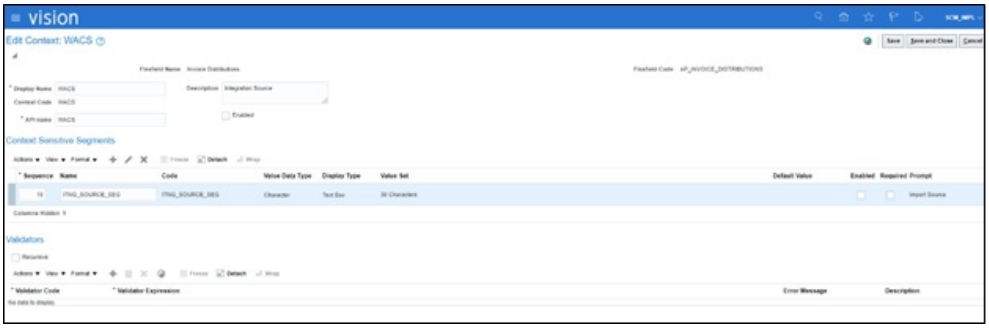
1. Navigate to **Setup and Maintenance** > **Search** > **Manage Descriptive Flexfields**.
2. Search for the "Invoice Distribution" DFF.
3. Edit it to add the context sensitive segment.

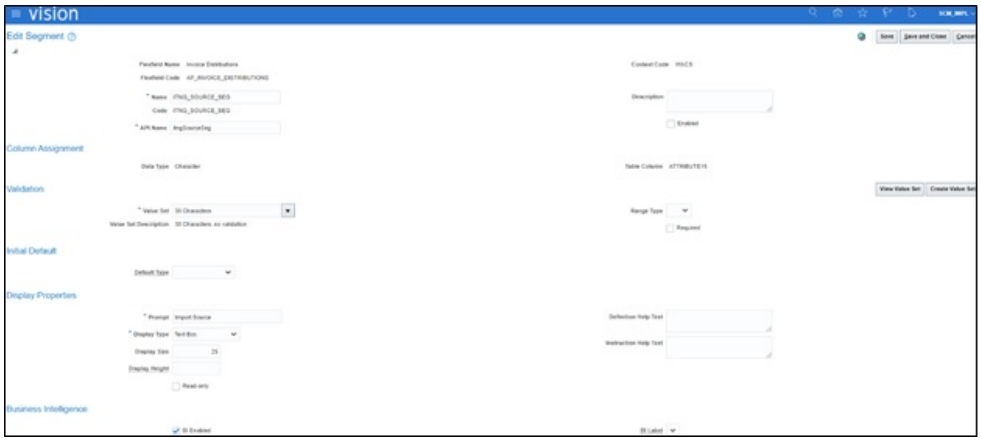
   Note: All attributes for distribution should have the same attribute for it to flow from Purchase Requisition to Purchase Order and Invoice.




vision
Edit Descriptive Flexfield: Invoice Distributions
Global Segments
Context Segment
Context Sensitive Segments

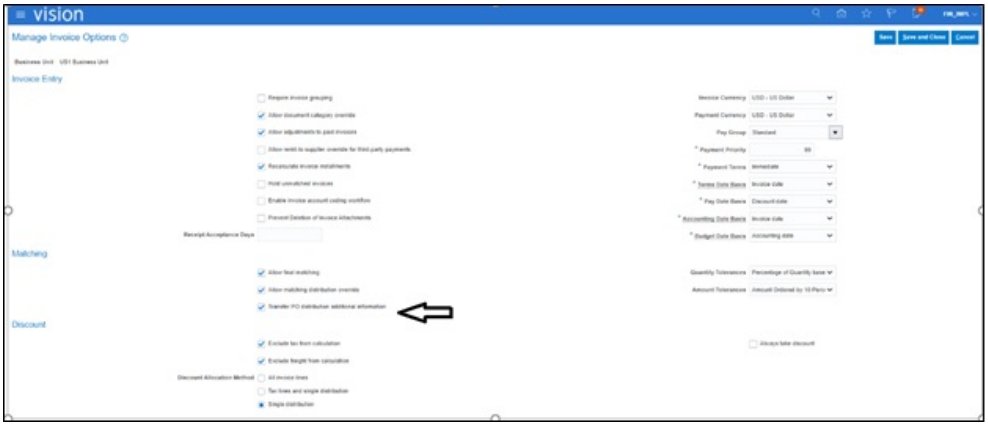

vision
Manage Contexts
Search
Search Results


vision
Edit Context: WACS
Context Sensitive Segments
Validators


vision
Edit Segment
Column Assignment
Validation
Initial Default
Display Properties
Business Intelligence

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.



5. Click **Save and Close**.

Chapter 4

Inventory Receipts and Returns

This chapter focuses on the basic 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, such as 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 synchronized using incremental update. This seamless integration between Oracle Utilities Work and Asset Cloud Service and Oracle Fusion Procurement Cloud helps to have the same purchase order (PO) receipts definition across both platforms.

The chapter focuses on the following:

- Design Details
- Configuring Receipts and Returns in Oracle Fusion Procurement Cloud
  - Setting up Receipts DFF
  - Setting up Return 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) > Receipts (Oracle Fusion Procurement Cloud)

Configuring Receipts and Returns in Oracle Fusion Procurement Cloud

This section focuses on integrating the data that comes as 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.

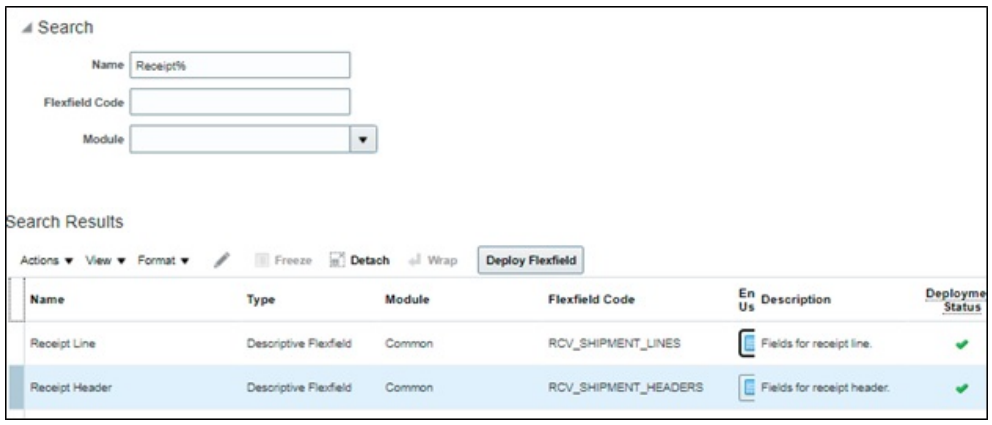
Setting up Receipts DFF

To set up a 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**.

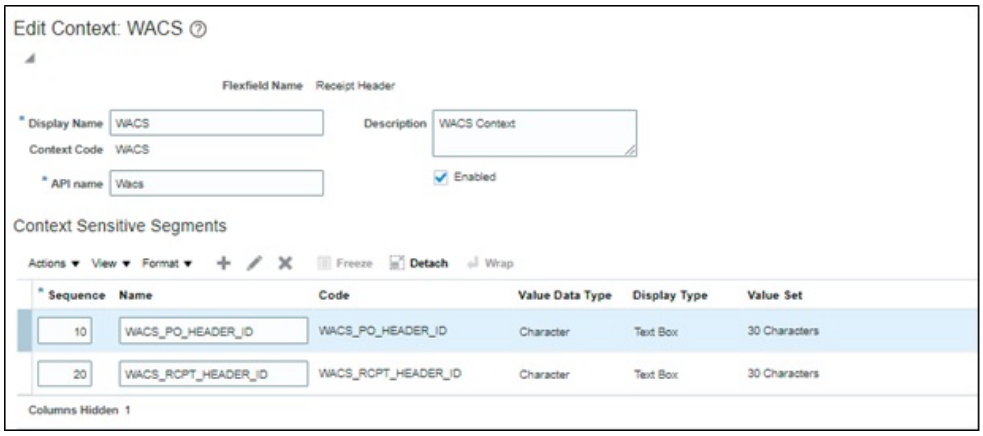
2. Select **Receipt Header** and click the edit icon.



3. Click **Manage Contexts**.
4. Click + to add a primary context.

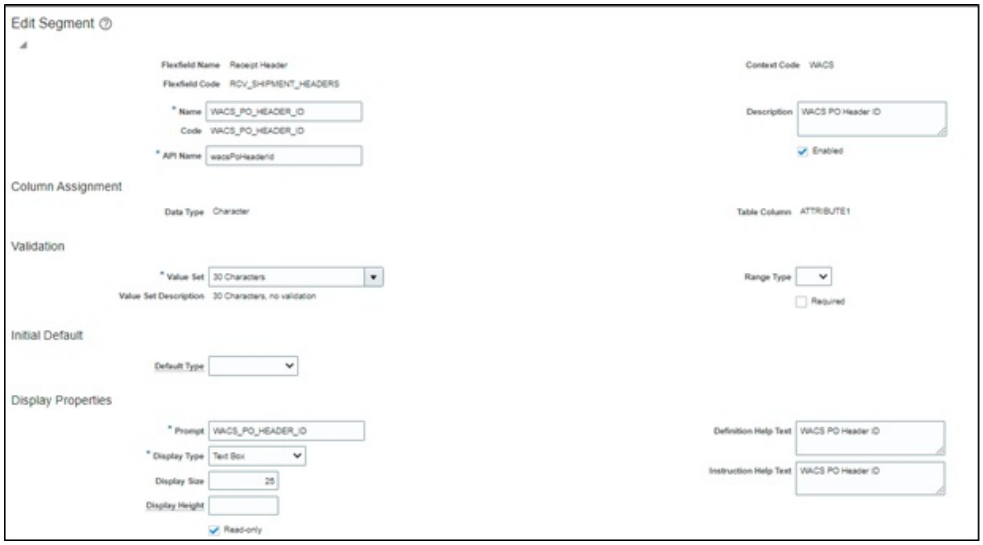
Enter the following details:

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

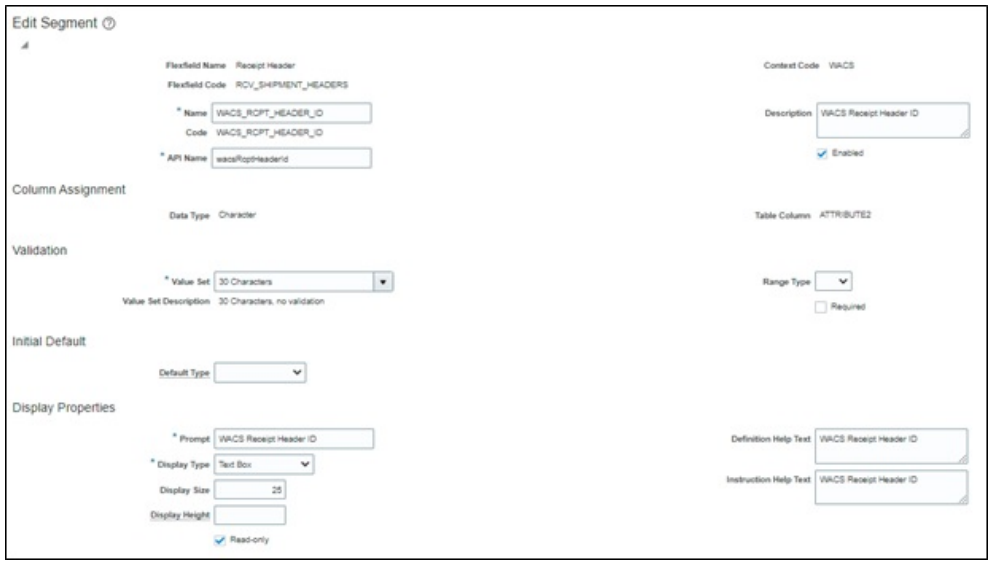


5. Add the following segments:

   WACS_PO_HEADER_ID



WACS_RCPT_HEADER_ID



6. Click **Save and Close**.

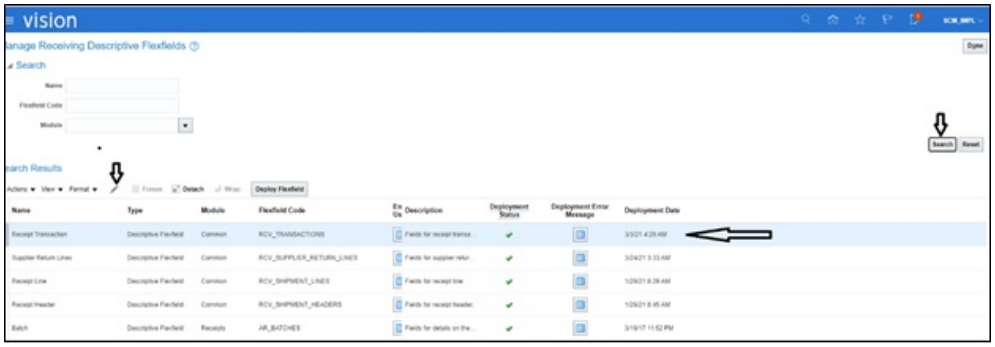
Setting up Return Line

To setup a Return line:

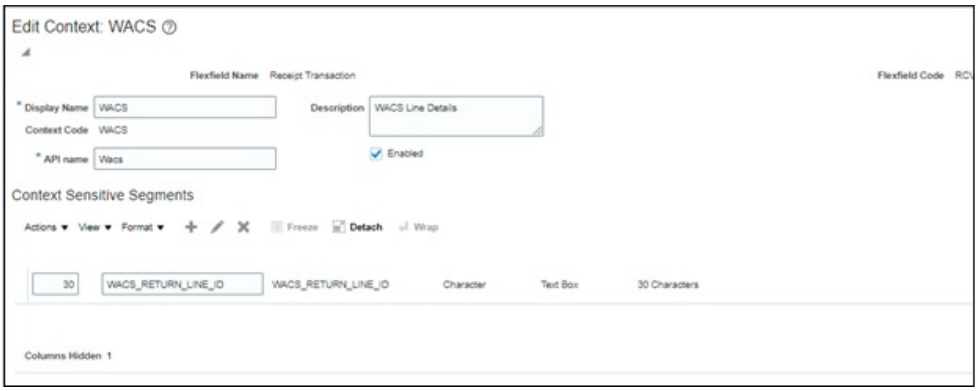
1. Navigate to **Setup and Maintenance** > **Manage Descriptive Flexfields** > **Receipt**.

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

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



4. Add the context for the following context sensitive segment:

   WACS_RETURN_LINE_ID

5. Click **Save and Close**.

Chapter 5

Blanket Contract Agreement

This chapter focuses on importing the files that come as part of the package and configuring them in Oracle ERP Fusion Cloud for the integration to run successfully. It includes the following:

- Migrating Reports in Oracle Cloud Instances

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:

1. Navigate to **Tools** > **Report and Analytics**.
2. Browse to the folder where the report and data model are placed.
3. Create a folder in **Shared Folders** > **Custom Folder** and name it as "FPRCWACS".
4. Use the files in the package that have ".xdm.catalog" and "xdo.catalog" as extension.
5. Un-archive the report and data model.
6. Un-archive the files in the new instance.
7. Navigate to the folder created in *step 3* to upload the report.
8. 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 as the report and ".xdm.catalog" file as the data model.
9. Point the report to the correct data model.
10. After uploading the report and/or data model, select the report and click **Edit**.
11. Click **Search** to navigate to the correct folder and select the data model.
12. **Save** the changes.

If the report is not generated:

1. Generate 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 Payments

This chapter focuses on the configurations for an outbound message from Oracle ERP Financial Cloud to Oracle Utilities Work and Asset Cloud Service. The integration subscribes to a business event that triggers the invoice and payment.

To enable the event, perform the following configurations in Oracle ERP Financial Cloud:

- Enabling Profile Option
- Creating Descriptive Flexfield

Enabling 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**.

Creating Descriptive Flexfield

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