

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

SETUP GUIDE

RELEASE 21A



Disclaimer

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

April 2021

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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 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
FProc	Fusion Procurement
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 Upload

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

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 XML 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 Upload 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 XML 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

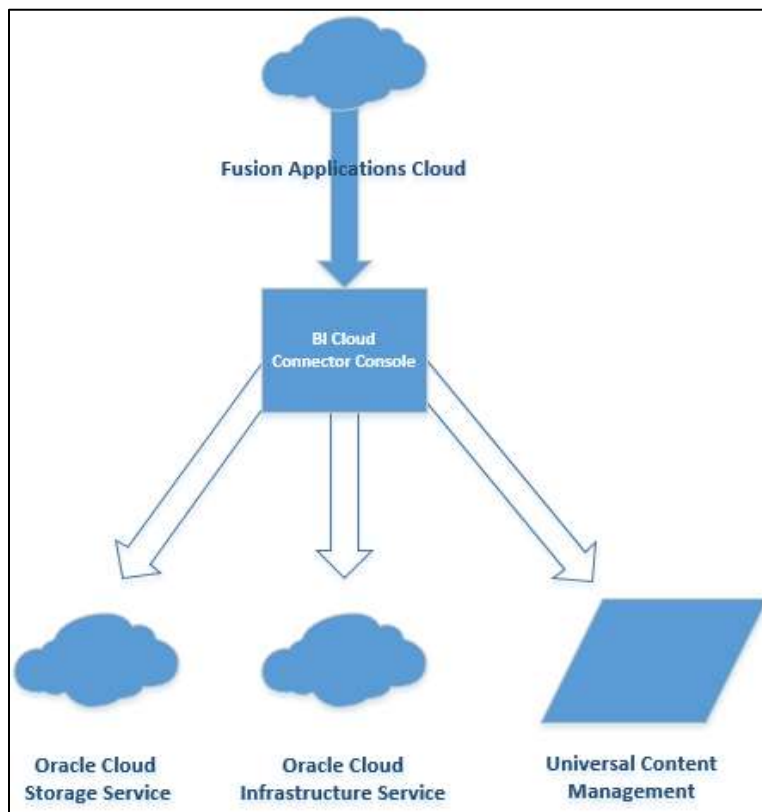
SupplierSitePurchasingSiteFlag='Y' OR SupplierSitePaySiteFlag='Y': Incremental extract would filter **enabled** records of purchasing site flag OR supplier site pay site flag.

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.

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 table below lists all the 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
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

Installing/Uploading a Package

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

1. Navigate to the SVS/repository 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)

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

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

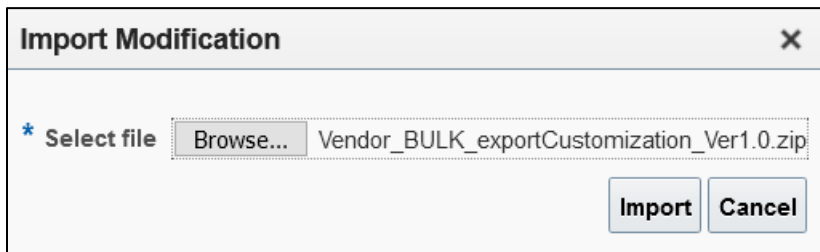
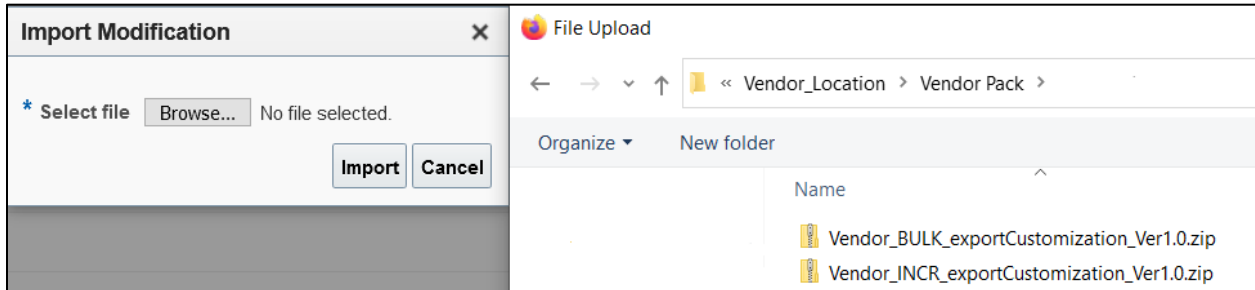
3. Check the port when accessing the URL to run the report from BICC.
4. Create a new user "BIADMIN" (if not available) with following roles:

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

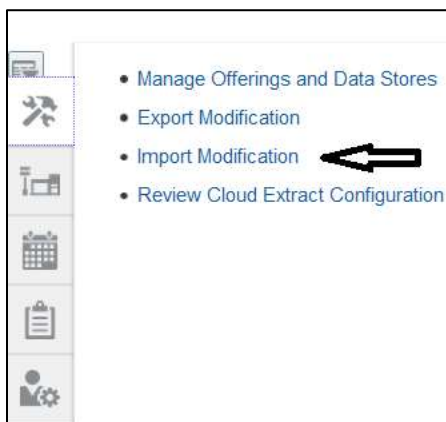
5. Upload the Bulk and Incremental zip files.
 1. Login to BICC.
 2. Click the task list.



3. Click **Import Modification**.

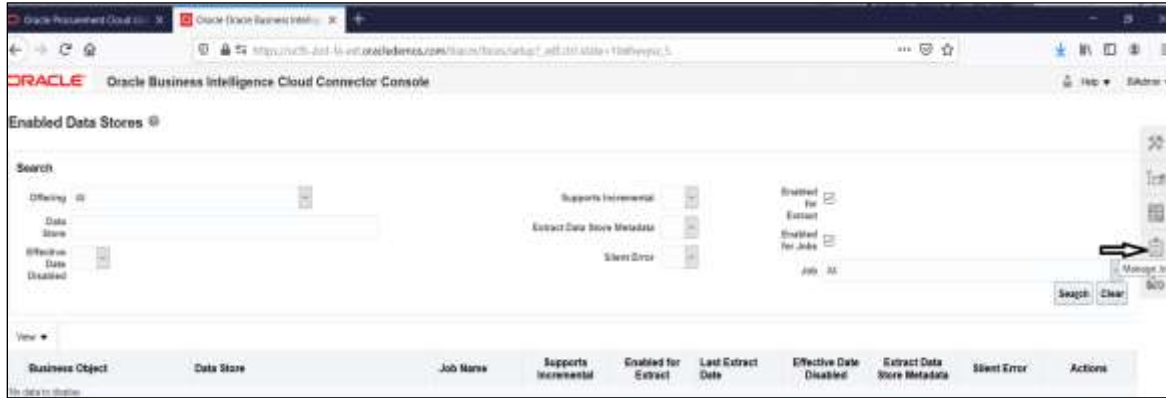


4. Import both the zip file packages .

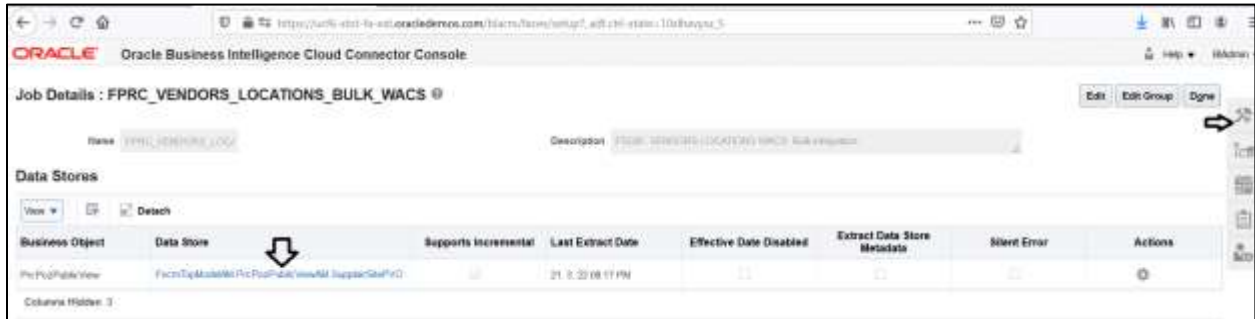


6. Click **Manage Jobs** to verify if the jobs are uploaded successfully.

Name	Description
FPRC_VENDORS_LOCATIONS_BULK_WACS	FSCM : VENDORS LOCATIONS WACS Bulk Integration
FPRC_VENDORS_LOCATIONS_INCR_WACS	FSCM : VENDORS LOCATIONS WACS Incremental Integration



7. Change the **Business Unit (BU) Name** in the BICC 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.

BICC Tool Setup

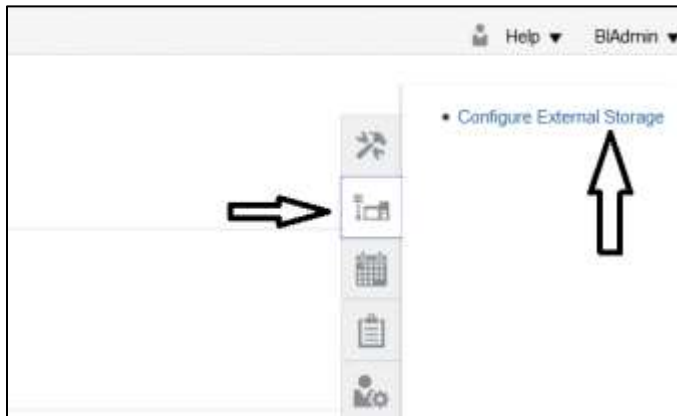
To set up the BICC tool:

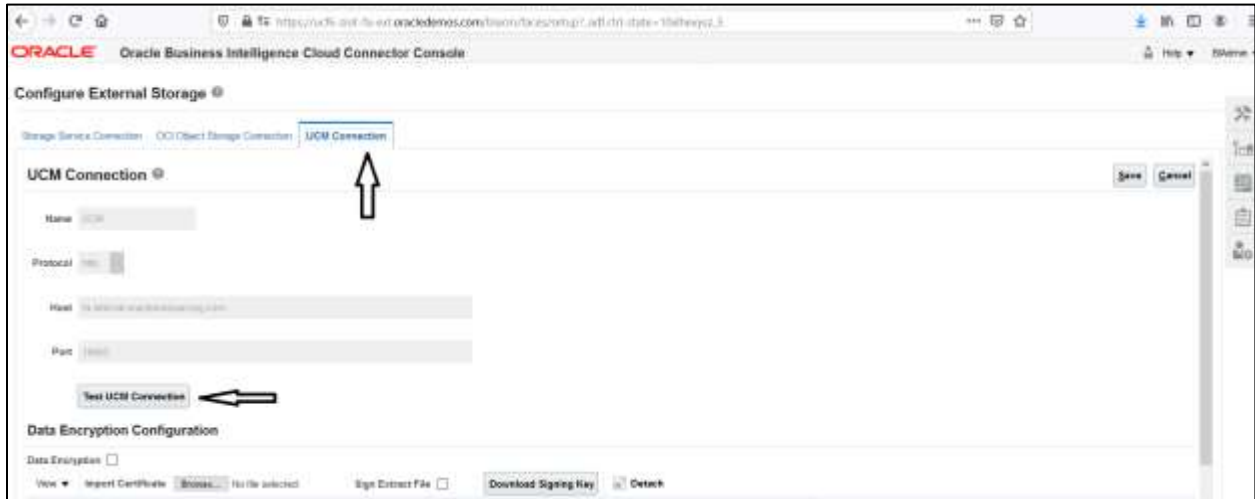
1. Verify the Prune time. Navigate to [Manage Offerings and Data Stores > Extract Preferences](#).



Set the **Prune Time in Minutes** to zero to reflect the changes immediately.

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





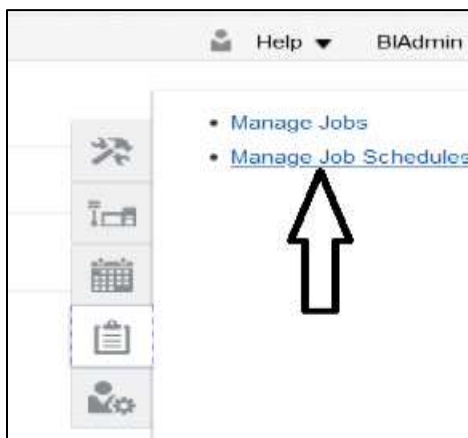
Running the Extract Job

To run the Extract job:

1. Navigate to [Manage Job Schedules](#) and click **Add**.



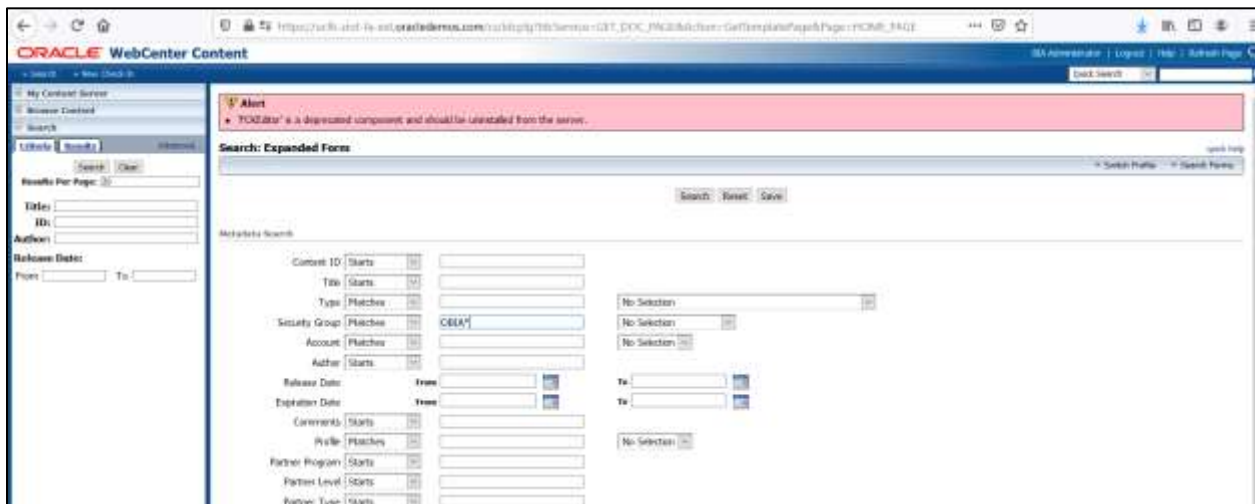
2. Enter the **Job Name**, **External Storage**, **Job Type**, and **Job Name**. Click **Save**.











Note: The status should be “Succeeded”.

3. Go 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.

Select	ID	TEXT	Date	Author	Action
<input type="checkbox"/>	UCMFA02318605	EXTRACT_STATUS_DATA_41-SCHEDULE_2012413_REQUEST_2012413-20210325_183905.150N	3/25/21	FUSION_APPS_C	 
<input type="checkbox"/>	UCMFA02318604	MAPREST_DATA_41-SCHEDULE_2012413_REQUEST_2012413.MF	3/25/21	FUSION_APPS_C	 
<input type="checkbox"/>	UCMFA02318607	file_facordapmodelen_prpcopublicywwam_supplieratpvc-batzt1846978430-20210325_104135.zip	3/25/21	FUSION_APPS_C	 

Business Rules

The business rules 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.

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 upload.

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 includes the following:

-

Design

Incremental Upload

Incremental Upload 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.

Procurement Configuration for Requisitions

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.

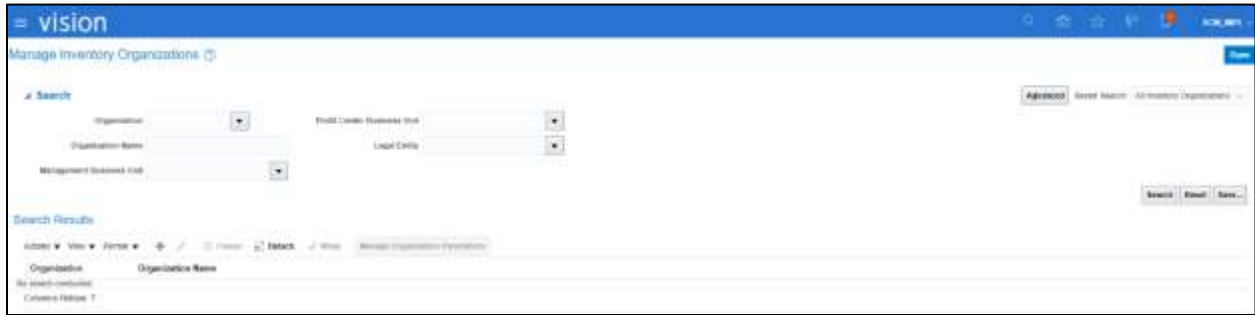
Inventory Organization and Location (Delivery Location) Setup

Setup for reference

Inventory Organization Name: Seattle

Organization Code : 001

Navigation: Manage Inventory Organization > Search for the organization



Inventory Location Setup

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

Inventory Locations data and setup for reference:

Check the column “ERP Value” (Inventory Cloud Organization Locations) in the table below which 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
8085231>	Central Storeroom	WACS_Seattle_MJ1	001
<071529520446>	QC Storeroom	WACS_Seattle_MJ2	001
<226353575324>	North canton Storeroom	WACS_Seattle_MJ	001

Navigation: Manage Inventory Organization Locations

Search: Enter the code in the “Code” field in the **Search** window.

Manage Locations

Search: [Name] [Code: WACS] [Status: Active] [Location Set] [Country] [City] [Postal Code] [Address Line 1] [Address Line 2] [Address Line 3] [Address Line 4] [Address Line 5] [Address Line 6] [Address Line 7] [Address Line 8] [Address Line 9] [Address Line 10] [Address Line 11] [Address Line 12] [Address Line 13] [Address Line 14] [Address Line 15] [Address Line 16] [Address Line 17] [Address Line 18] [Address Line 19] [Address Line 20] [Address Line 21] [Address Line 22] [Address Line 23] [Address Line 24] [Address Line 25] [Address Line 26] [Address Line 27] [Address Line 28] [Address Line 29] [Address Line 30] [Address Line 31] [Address Line 32] [Address Line 33] [Address Line 34] [Address Line 35] [Address Line 36] [Address Line 37] [Address Line 38] [Address Line 39] [Address Line 40] [Address Line 41] [Address Line 42] [Address Line 43] [Address Line 44] [Address Line 45] [Address Line 46] [Address Line 47] [Address Line 48] [Address Line 49] [Address Line 50] [Address Line 51] [Address Line 52] [Address Line 53] [Address Line 54] [Address Line 55] [Address Line 56] [Address Line 57] [Address Line 58] [Address Line 59] [Address Line 60] [Address Line 61] [Address Line 62] [Address Line 63] [Address Line 64] [Address Line 65] [Address Line 66] [Address Line 67] [Address Line 68] [Address Line 69] [Address Line 70] [Address Line 71] [Address Line 72] [Address Line 73] [Address Line 74] [Address Line 75] [Address Line 76] [Address Line 77] [Address Line 78] [Address Line 79] [Address Line 80] [Address Line 81] [Address Line 82] [Address Line 83] [Address Line 84] [Address Line 85] [Address Line 86] [Address Line 87] [Address Line 88] [Address Line 89] [Address Line 90] [Address Line 91] [Address Line 92] [Address Line 93] [Address Line 94] [Address Line 95] [Address Line 96] [Address Line 97] [Address Line 98] [Address Line 99] [Address Line 100]

Search Results:

Map Results	Name	Code	Ln	St	Pr	Cr	Address Line 1	City	Postal Code	Country
0	WACS (Inventory) MJ	WACS_INVENTORY_MJ	E	A	N		WACS_INVENTORY		94209	United States
1	WACS Seattle MJ	WACS_SEATTLE_MJ	C	A	N		MJ Address 1	S	30404	United States
2	WACS Seattle MJ	WACS_SEATTLE_MJ	E	A	N		MJ Address 111	SI	30507	United States
3	WACS Seattle MJ	WACS_SEATTLE_MJ	C	A	N		WACS Seattle	H	11000	United States
4	WACS US (Inventory) MJ	WACS_US_INVENTORY_MJ	C	A	N		WACS US INVENTORY	S	94209	United States

Create: 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: 1/1/11
Effective End Date:

Location Set: [Action Reason]

Location Information

Name: WACS Seattle MJ
Code: WACS_SEATTLE_MJ
Description: WACS_SEATTLE_MJ

Attachments: None

Location Latitude
Location Longitude

Contact Details

Main Address

Address: Santa Monica, CA 90404
Los Angeles
United States

Time Zone

Shipping Details

Ship-to Site: No
Ship-to Location: WACS Seattle MJ
Receiving Site: No

Status: Active
Inventory Organization: Seattle ←

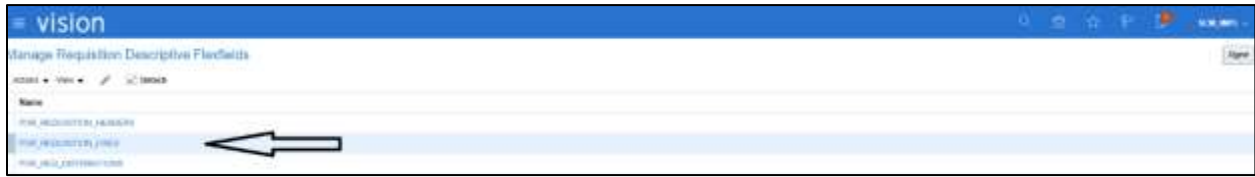
Contract Value

Official Language: [Default]
Geographic Hierarchy: [Main Phone: Yes, Other Phone: No]

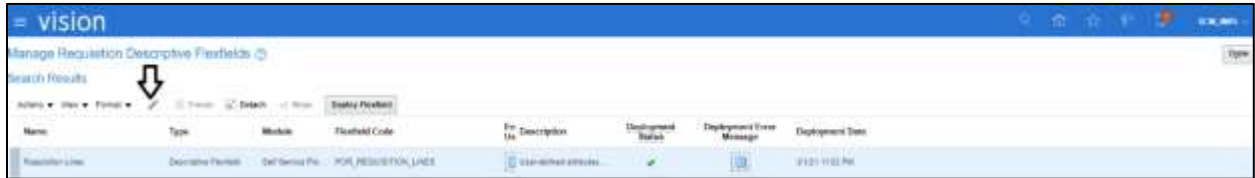
Bill-to Site: No
Office Site: Yes
Designated Receiver

Descriptive Flex Field (DFF) Setup

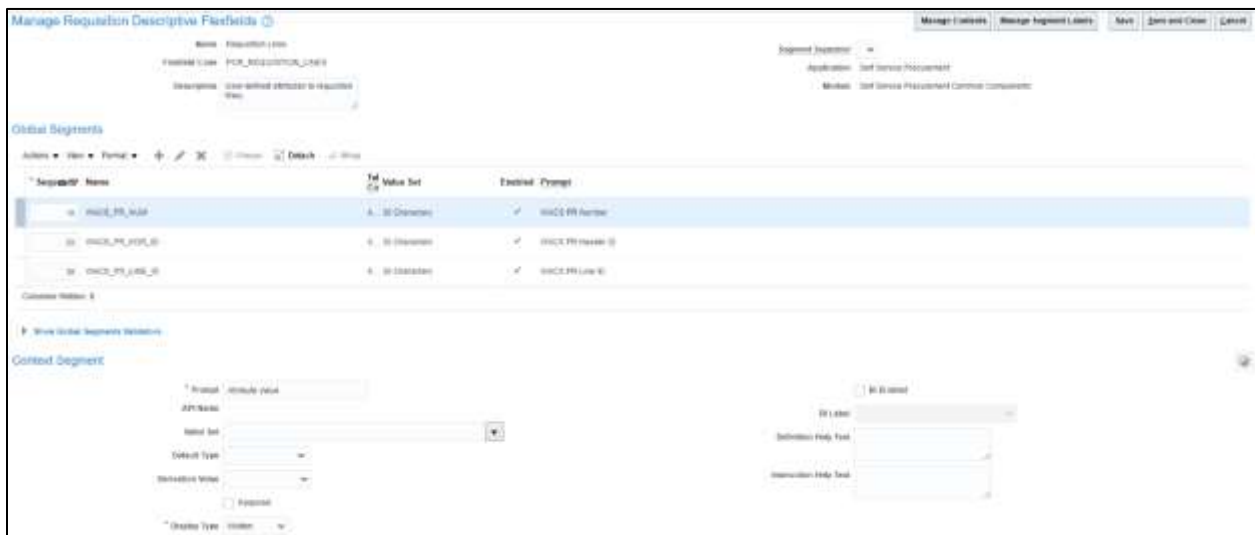
Navigation: Manage Requisition Descriptive Flexfields



1. Click **PO_REQQUITION_LINES** and edit it.



2. Add the required columns and available mapping columns.



Fieldset Name: Acquisition Lines

Fieldset Code: PDR_ACQUISITION_LINES

Name: INDC_PR_NUM
Code: INDC_PR_NUM

Description: INDC PR Number

API Name: acqPrNum

Data Type: Character

Table Column: ATTRIBUTES

Value Set: IS Character

Range Type: Required

Default Type:

Definition Value:

Display Properties:

Format: INDC PR Number

Display Type: Text Box

Display Size: 30

Display Height: Fixed size

Business Intelligence: Enabled

UI Label:

Buttons: View Value Set, Create Value Set

Fieldset Name: Acquisition Lines

Fieldset Code: PDR_ACQUISITION_LINES

Name: INDC_PR_NUM_ID
Code: INDC_PR_NUM_ID

Description: INDC PR Number ID

API Name: acqPrNumId

Data Type: Character

Table Column: ATTRIBUTES

Value Set: IS Character

Range Type: Required

Default Type:

Definition Value:

Display Properties:

Format: INDC PR Number ID

Display Type: Text Box

Display Size: 30

Display Height: Fixed size

Business Intelligence: Enabled

UI Label:

Buttons: View Value Set, Create Value Set

Fieldset Name: Acquisition Lines

Fieldset Code: PDR_ACQUISITION_LINES

Name: INDC_PR_LINE_ID
Code: INDC_PR_LINE_ID

Description: INDC PR Line ID

API Name: acqPrLineId

Data Type: Character

Table Column: ATTRIBUTES

Value Set: IS Character

Range Type: Required

Default Type:

Definition Value:

Display Properties:

Format: INDC PR Line ID

Display Type: Text Box

Display Size: 30

Display Height: Fixed size

Business Intelligence: Enabled

UI Label:

Buttons: View Value Set, Create Value Set

Note that “WACS_PR_NUM” is mapped to column “Attribute1” in this case. But it may not be possible to always map to the same attribute column. It depends on the existing setup.

Make sure the Column Name setup is same as mentioned in the table below. It has to match both Requisition and PO DFF setups.

We can also create Context Sensitive DFF, so DFF fields will be shown as per the context sensitive value.

In context sensitive DFF, additional DFF fields under the context value are created. When the user selects the context value in application, 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	Character V.S : 30 Characters	30	ATTRIBUTE1	WACS PR Number
WACS_PR_HDR_ID	Character V.S : 30 Characters	30	ATTRIBUTE2	WACS PR Header ID
WACS_PR_LINE_ID	Character V.S : 30 Characters	30	ATTRIBUTE3	WACS PR Line ID

Business Rules

The business rules are as follows:

1. All the Oracle Utilities Work and Asset Cloud Service requisition inventory items should be in sync with Oracle inventory cloud master/inventory organization.
2. All the Oracle Utilities Work and Asset Cloud Service Supplier and Supplier Sites are in sync with Oracle Fusion Procurement Cloud suppliers.
3. Unit of Measurement needs to be defined as per the Oracle Utilities Work and Asset Cloud Service requirement and mapped.

Chapter 3: PO Integration

This section covers basic integration overview for 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 it is converted into PO. All the DFF details are setup at the requisition line are copied based on the Oracle Fusion Procurement Cloud copy DFF setup.

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

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

- Incremental Upload

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.

Design

Incremental Upload

Incremental Upload 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 OIC using REST APIs.

Flow: Requisitions > PO > WACS

Procurement Configuration for PO

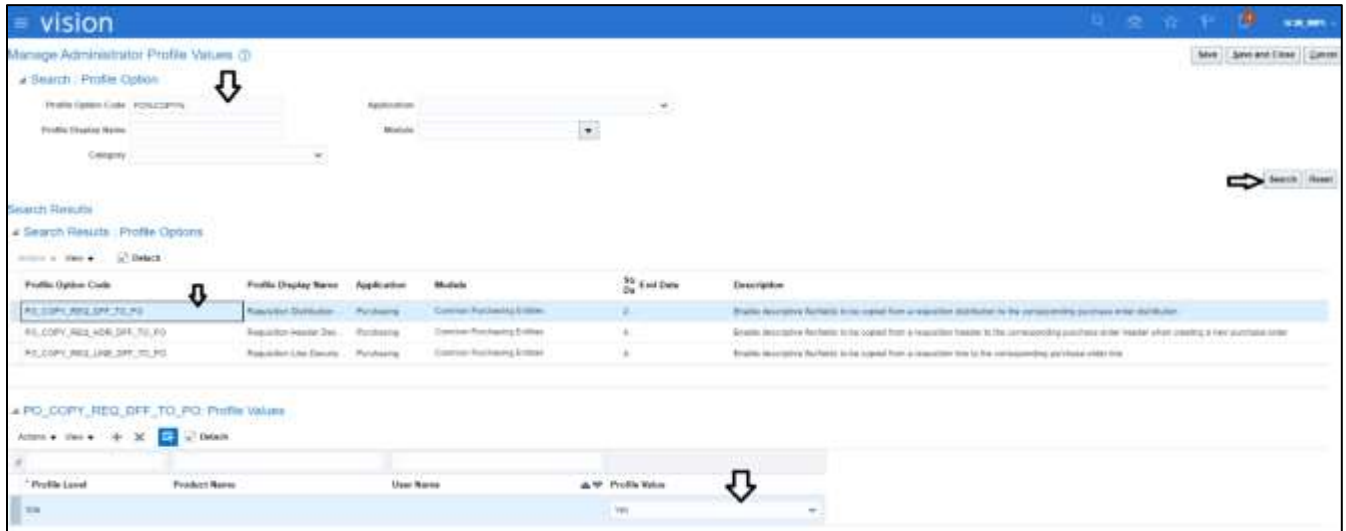
This section focuses on integrating the data that comes as a part of the package and configuring them in the OIC environment for the integration to run successfully. Make sure to verify that the DFF copy profile setups are completed in Oracle Fusion Procurement Cloud for successful configuration.

DFF Copy Profile Setup

Navigation: Manage Administrator Profile Values > Search with wild cards. Set the profiles values as per the values given in the table.

Profile Name	Value
PO_COPY_REQ_DFF_TO_PO	Yes
PO_COPY_REQ_LINE_DFF_TO_PO	Yes

1. Set the value to “Yes” to the “PO_COPY_REQ_DFF_TO_PO” profile.



2. Set the profile value to “Yes” to the “PO_COPY_REQ_LINE_DFF_TO_PO” profile.



Setup PO Lines DFF

Set up PO lines DFF to copy the value from Requisition Lines DFF.

Navigation: Manage Descriptive Flexfields > Search DFF

Manage Descriptive Flexfields

Search

Name: Purchasing/Document/...
Flexfield Code: PDR
Module: Common Purch...

Search Results

Name	Type	Module	Flexfield Code	Err Us	Description	Deployment Status	Deployment Error Message	Deployment Date
Purchasing Document Types	Descriptive Flexfield	Common Purch...	PO_DOCUMENT_TYPES		A type or name that est...	✓		08/19 10:27 AM
Purchasing Document Headers	Descriptive Flexfield	Common Purch...	PO_HEADERS		A document header wh...	✓		12/21 8:38 AM
Purchasing Document Lines	Descriptive Flexfield	Common Purch...	PO_LINES		A line of the document...	✓		12/21 9:41 AM
Purchasing Document Schedules	Descriptive Flexfield	Common Purch...	PO_LINE_LOCATIONS		Purchase order line de...	✓		10/18/20 11:42 AM

1. Click **Purchasing Document Lines** and edit to add the DFF segments.

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 which represents the invoice.

Global Segments

Segment#	Name	Value Set	Enabled	Format
10	INVOICE_NUM	10 - Invoice	✓	INVOICE PO Number
20	INVOICE_NUM_ORG_ID	10 - Invoice	✓	INVOICE PO Header ID
30	INVOICE_NUM_LINE_ID	10 - Invoice	✓	INVOICE PO Line ID

Content Segment

Segment Name:
Segment Type:
Segment Label:

vision

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.

Global Segments

Actions View Format + ✕ Freeze Detach Wrap

Sequence	Name	Table Column	Value Set	Enabled	Prompt
10	WACS_PR_NUM	ATTRIBUTE1	30 Characters	<input checked="" type="checkbox"/>	WACS PR Number
20	WACS_PR_HDR_ID	ATTRIBUTE2	30 Characters	<input checked="" type="checkbox"/>	WACS PR Header ID
30	WACS_PR_LINE_ID	ATTRIBUTE3	30 Characters	<input checked="" type="checkbox"/>	WACS PR Line ID

Columns Hidden: 8

2. Click + to add and edit the existing added DFF segments.

WACS_PR_NUM

segment ?

Flexfield Name: Purchasing Document Lines
 Flexfield Code: PO_LINES
 Name: WACS_PR_NUM
 Code: WACS_PR_NUM
 API Name: wacsPrNum
 Description: WACS PR Number
 Frozen

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:
 Default Value:
 Definition Help Text:
 Instructional Help Text:
 Required

Display Properties
 Prompt: WACS PR Number
 Display Type: Std Edit
 Display Size: 20
 Display Height:
 Fixed size

Business Intelligence
 BI Enabled
 BI Label:
 Required

Buttons: View Value Set, Create Value Set

WACS_PR_HDR_ID

The screenshot shows the 'Edit Segment' configuration page in Oracle VISION. The page is titled 'VISION' and 'Edit Segment'. It contains several sections for configuring the segment:

- Header Name:** Purchasing Document Lines
- Header Code:** PU_HDRS
- Name:** WACS_PR_HDR_ID
- Code:** WACS_PR_HDR_ID
- API Name:** wacsPrHdr
- Table Name:** CHAINL
- Table Columns:** ATTRIBUTES
- Segment Type:** (Dropdown menu)
- Default Type:** (Dropdown menu)
- Display Properties:** Includes 'Printer' (WACS PR Header ID), 'Display Type' (Text), 'Display Size' (30), and 'Display Format' (None).
- Business Intelligence:** Includes 'BI Enabled' (checkbox).

Buttons for 'Save', 'Save and Close', and 'Cancel' are located in the top right corner.

WACS_PR_LINE_ID

The screenshot shows the 'Edit Segment' configuration page in Oracle VISION for WACS_PR_LINE_ID. The page is titled 'VISION' and 'Edit Segment'. It contains several sections for configuring the segment:

- Header Name:** Purchasing Document Lines
- Header Code:** PU_LINES
- Name:** WACS_PR_LINE_ID
- Code:** WACS_PR_LINE_ID
- API Name:** wacsPrLine
- Table Name:** CHAINL
- Table Columns:** ATTRIBUTES
- Segment Type:** (Dropdown menu)
- Default Type:** (Dropdown menu)
- Display Properties:** Includes 'Printer' (WACS PR Line ID), 'Display Type' (Text), 'Display Size' (30), and 'Display Format' (None).
- Business Intelligence:** Includes 'BI Enabled' (checkbox).

Buttons for 'Save', 'Save and Close', and 'Cancel' are located in the top right corner.

Chapter 4: Inventory Receipts

Integration Overview

This section covers basic integration overview for Inventory receipts integration. Oracle Utilities Work and Asset Cloud Service receipts are interfaced to Oracle Fusion Procurement Cloud inventory system.

Oracle Utilities Work and Asset Cloud Service Inventory is the central repository of inventory records, like onhand 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 upload.

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.

Design

Incremental Upload

Incremental upload is the integration of inventory receipts from 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 (WACS) > Receipts (Oracle Inventory)

Procurement Configuration for Receipts

This section focuses on integrating the data that come as a part of the package and configuring them in the Oracle Integration Cloud environment for the integration to run successfully. Make sure that the following steps are completed in Oracle Fusion Procurement Cloud system for successful configuration.

Receipts DFF Setup

Navigation: Manage Receiving Descriptive Flexfields > Receipt Transaction

Name	Type	Module	Flexfield Code	PK/UK	Description	Deployment Status	Deployment Error Message	Deployment Date
Receipt Transaction	Descriptive Flexfield	Common	RFV_FRAGDC0000		Fields for receipt transaction	✓		22/01/2019 04:00
Supplier Invoice Line	Descriptive Flexfield	Common	RFV_SUPPLIER_INVOICE_LINE		Fields for supplier invoice	✓		22/01/2019 04:00 AM
Invoice Line	Descriptive Flexfield	Common	RFV_INVOICE_LINE		Fields for invoice line	✓		22/01/2019 04:00 AM
Invoice Header	Descriptive Flexfield	Common	RFV_INVOICE_HEADER		Fields for invoice header	✓		22/01/2019 04:00 AM
Unit	Descriptive Flexfield	Procure	RFV_UNITS		Fields for units on file	✓		22/01/2019 04:00 PM

1. Click Receipt Transaction and add the new segments.

Segment Name	To Cx	Value Set	Enabled	Prompt
WACS_PO_LINE_ID	✓	WACS_PO_Line_ID	✓	WACS PO Line ID
WACS_RCPT_LINE_ID	✓	WACS_Receipt_Line_ID	✓	WACS Receipt Line ID

2. Add the new segments - WACS_PO_LINE_ID and WACS_RCPT_LINE_ID.

Flexfield Name: Receipt Transaction
 Flexfield Code: RFV_FRAGDC0000
 Name: **WACS_PO_LINE_ID**
 Value Set: WACS_PO_Line_ID
 Data Type: Character
 Value Set: WACS_PO_Line_ID
 Display Type: Text Box
 Data Column: ATTRIBUTES
 Range Type: Restricted



- Note that “WACS_PO_LINE_ID” mapped to column “Attribute2” in this case. It may not be possible to always map to the same attribute column. It depends on the existing setup.

Receipt Transaction DFF Setup Details				
Column Name	Data type	Size	Table column	Prompt
WACS_PO_LINE_ID	Character V.S : 30 Characters	30	ATTRIBUTE2	WACS PO Line ID
WACS_RCPT_LINE_ID	Character V.S : 30 Characters	30	ATTRIBUTE3	WACS Receipt Line ID