



Hands On Lab INFOCUS 2025

**AP Voucher Automation
from Start to Finish**

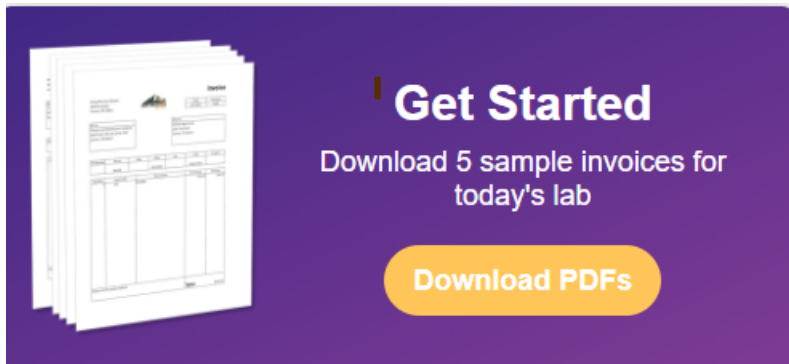
Trainee Guide

Tuesday, September 9

Trainee Guide

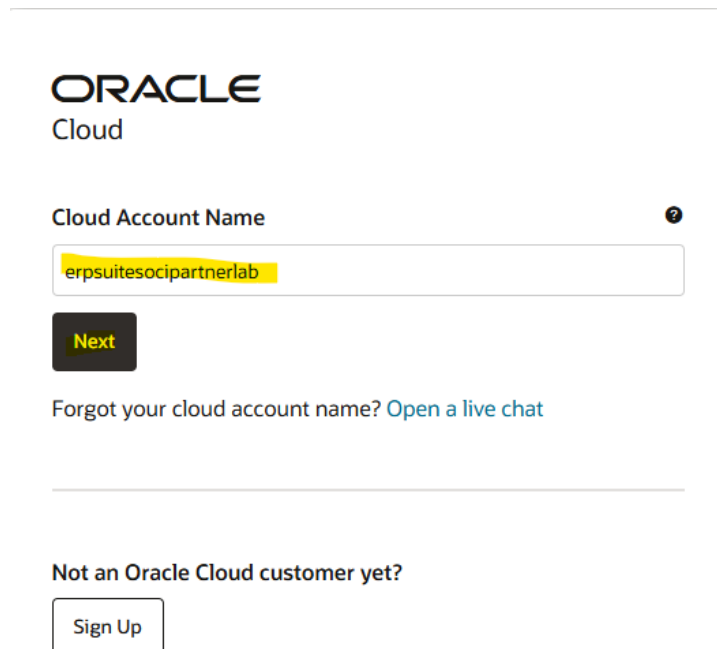
Log into ERP Suites Website to download the files

1. Go to ersuites.com/lab to download AP Invoices for the lab
2. Once there click on **Download PDFs**

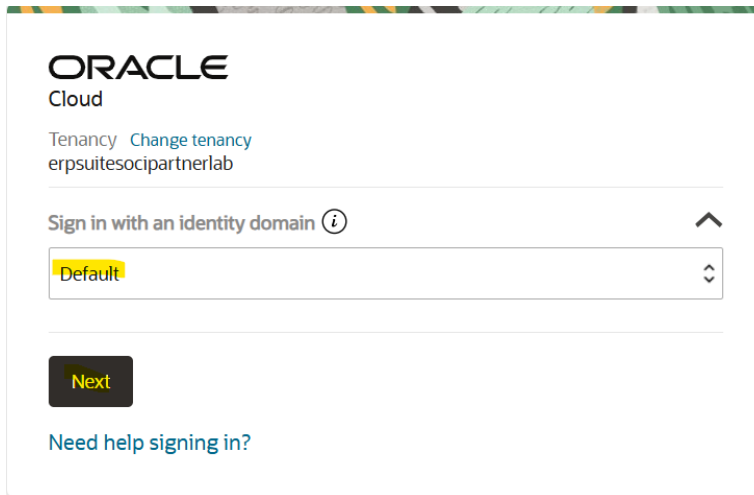


Sign into the Console that Use Identity Domains

1. Go to <http://cloud.oracle.com>
2. Enter your tenancy name **ersuitesocipartnerlab** under Cloud Account Name and click **Next**

A screenshot of the Oracle Cloud sign-in page. At the top left is the 'ORACLE Cloud' logo. Below it is a form with the label 'Cloud Account Name' and a small help icon. The text 'ersuitesocipartnerlab' is entered into the text box. Below the text box is a black button with the word 'Next' in yellow. Underneath the button is a link that says 'Forgot your cloud account name? Open a live chat'. At the bottom of the form is a link that says 'Not an Oracle Cloud customer yet?' followed by a 'Sign Up' button.

3. Sign in with the **Default** identity domain and click **Next**



ORACLE
Cloud

Tenancy [Change tenancy](#)
erpsuitesocipartnerlab

Sign in with an identity domain ⓘ

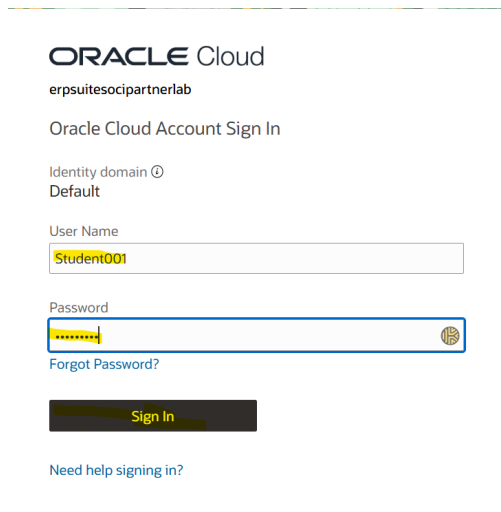
Default

Next

[Need help signing in?](#)

4. Sign in with the credentials provided on the sheet in front of you

- a. Entering username:
- b. Entering password
- c. Click **Sign In**



ORACLE Cloud
erpsuitesocipartnerlab

Oracle Cloud Account Sign In

Identity domain ⓘ
Default

User Name
Student001

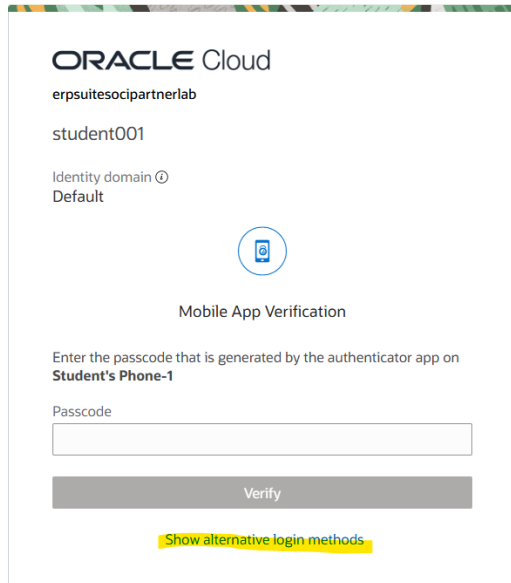
Password

[Forgot Password?](#)

Sign In

[Need help signing in?](#)

5. Next click on **Show Alternative login methods**



ORACLE Cloud

ersuitesocipartnerlab

student001

Identity domain ⓘ
Default



Mobile App Verification

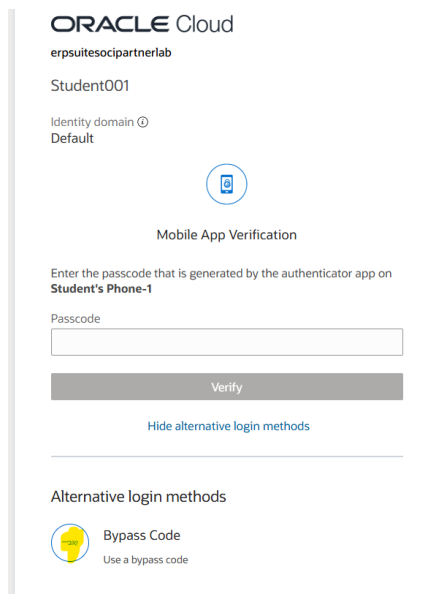
Enter the passcode that is generated by the authenticator app on
Student's Phone-1

Passcode

Verify

[Show alternative login methods](#)

6. Next Select the **circle next to** bycass code



ORACLE Cloud

ersuitesocipartnerlab

Student001

Identity domain ⓘ
Default



Mobile App Verification

Enter the passcode that is generated by the authenticator app on
Student's Phone-1

Passcode

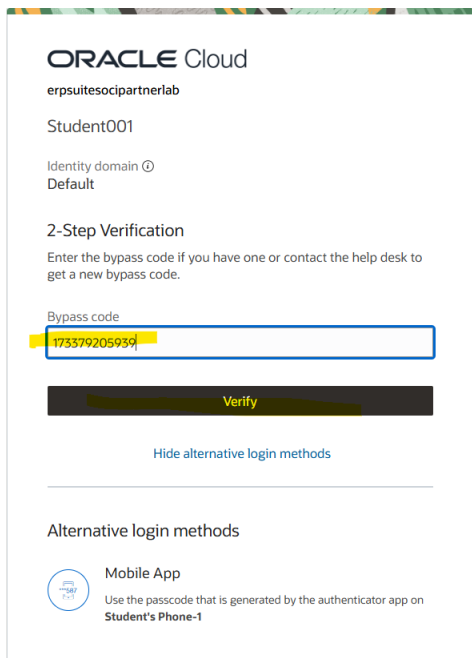
Verify

[Hide alternative login methods](#)

Alternative login methods

 Bypass Code
Use a bypass code

7. Sign in with the credentials provided on the sheet in front of you and then click **Verify**



ORACLE Cloud

ersuitesocipartnerlab

Student001

Identity domain ⓘ
Default

2-Step Verification

Enter the bypass code if you have one or contact the help desk to get a new bypass code.

Bypass code

175379205939

Verify

[Hide alternative login methods](#)

Alternative login methods

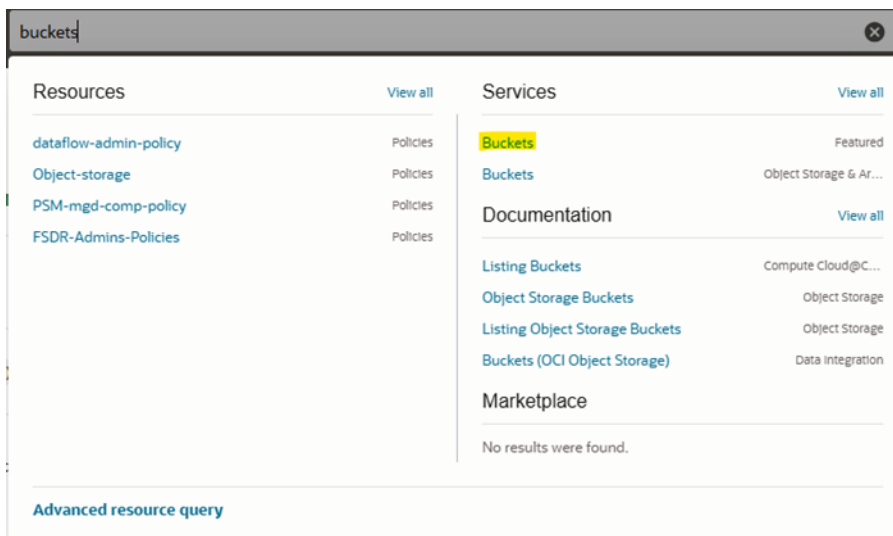
Mobile App

Use the passcode that is generated by the authenticator app on Student's Phone-1

You are now signed into OCI

Drop AP Invoices into an OCI Bucket

1. From the homepage navigate to the search bar above and type **Buckets** select the first option

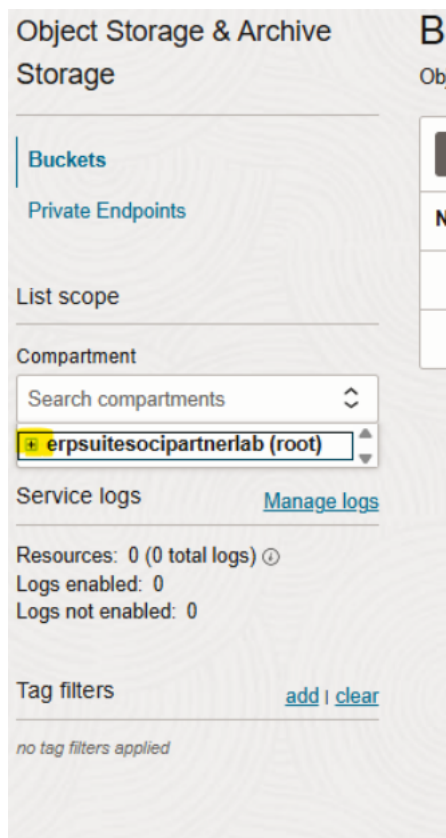


buckets

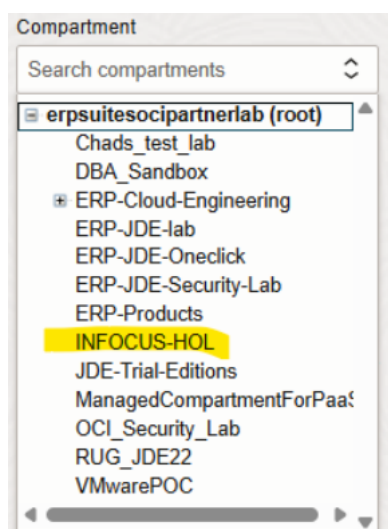
Resources	View all	Services	View all
dataflow-admin-policy	Policies	Buckets	Featured
Object-storage	Policies	Buckets	Object Storage & Ar...
PSM-mgd-comp-policy	Policies	Documentation	View all
FSDR-Admins-Policies	Policies	Listing Buckets	Compute Cloud@C...
		Object Storage Buckets	Object Storage
		Listing Object Storage Buckets	Object Storage
		Buckets (OCI Object Storage)	Data integration
		Marketplace	
		No results were found.	

[Advanced resource query](#)

2. On the Left-hand side under choose the INFOCUS-HOL compartment
 - a. Click the + sign to extend out all available compartments



- b. Click on the **INFOCUS-HOL** compartment from the list





Object Storage & Archive
Storage

Buckets

Private Endpoints

List scope

Compartment

INFOCUS-HOL

erpsuitesocpartnerlab (root)INFOCUS-HOL

Buckets in INFOCUS-HOL compartment

Object Storage provides unlimited, high-performance, durable, and secure data storage. Data is uploaded as objects that are stored in buckets. [Learn more](#)

Create Bucket

Name	Default Storage Tier	Visibility	Created
No items found.			

Showing 0 items < 1 of 1 >

3. Next click on your assigned bucket number **Studentxxx**

Student001	Standard	Private	Thu, Sep 4, 2025, 12:59:36 UTC	⋮
Student002	Standard	Private	Thu, Sep 4, 2025, 12:59:57 UTC	⋮
Student003	Standard	Private	Thu, Sep 4, 2025, 13:00:16 UTC	⋮
Student004	Standard	Private	Thu, Sep 4, 2025, 13:00:35 UTC	⋮
Student005	Standard	Private	Thu, Sep 4, 2025, 13:00:49 UTC	⋮

4. Once inside your bucket click **Upload**

Objects

Upload

More Actions

Search by prefix

☐	Name	Last Modified	Size	Storage Tier
No items found.				

5. **Drag and Drop** files that you downloaded in the first step to the selected bucket.

6. Once all the files appear on the screen click **Upload**

Upload Objects

[Help](#)

Object Name Prefix *Optional*

Storage Tier
Standard

Additional checksum *Optional*
None

Choose Files from your Computer

Drop files here or [select files](#)

AP Invoice 1.pdf 74.64 KiB
AP Invoice 1a.pdf 74.64 KiB
AP invoice 1b.pdf 70.47 KiB
AP invoice 1c.pdf 68.96 KiB
AP invoice 1d.pdf 81.54 KiB
5 files, 370.25 KiB total
[Show Optional Response Headers and Metadata](#)

Upload

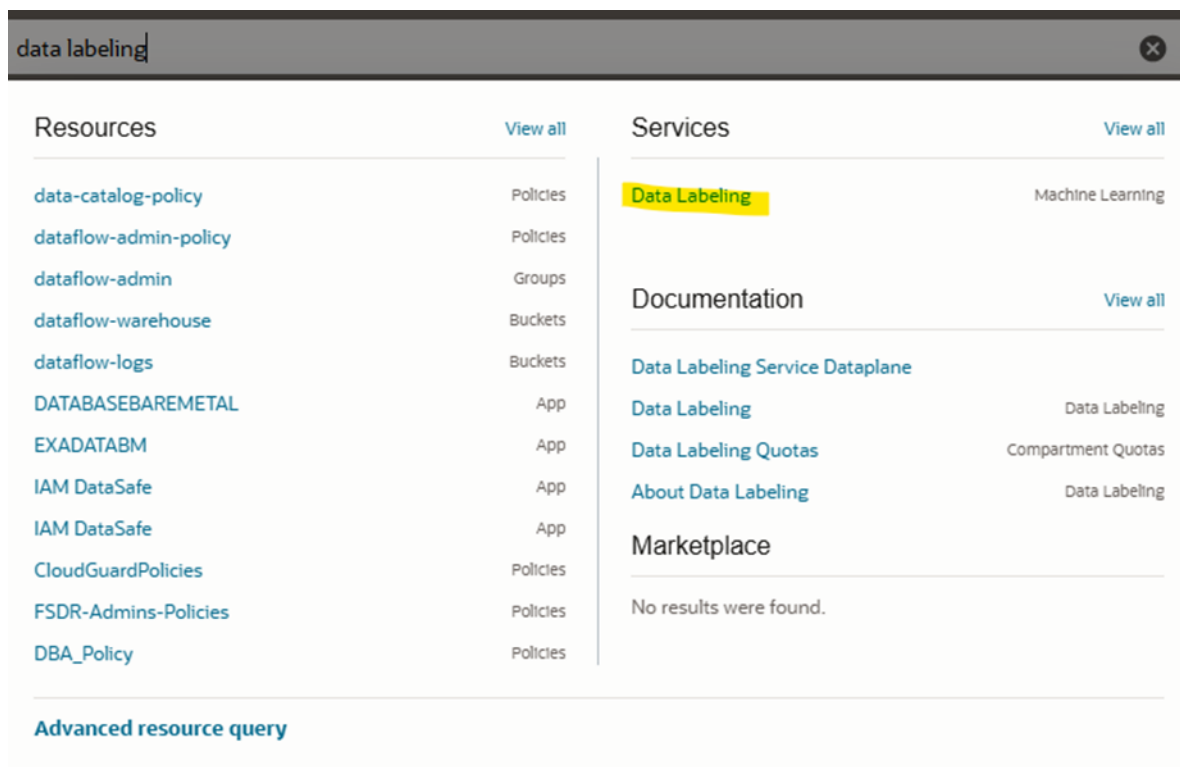
Cancel

7. The files have been uploaded click **Close**

Objects				
Upload More Actions		Search by prefix		
☐	Name	Last Modified	Size	Storage Tier
☐	AP Invoice 1.pdf	Thu, Aug 28, 2025, 13:17:42 UTC	74.64 KiB	Standard
☐	AP Invoice 1a.pdf	Thu, Aug 28, 2025, 13:17:42 UTC	74.64 KiB	Standard
☐	AP invoice 1b.pdf	Thu, Aug 28, 2025, 13:17:42 UTC	70.47 KiB	Standard
☐	AP invoice 1c.pdf	Thu, Aug 28, 2025, 13:17:42 UTC	68.96 KiB	Standard
☐	AP invoice 1d.pdf	Thu, Aug 28, 2025, 13:17:42 UTC	81.54 KiB	Standard

Create a Dataset for AP Invoices

1. From the buckets page navigate to the search bar above and type **Data Labeling** and select the first option



The screenshot shows a search bar with the text "data labeling". Below the search bar, there are two main sections: "Resources" and "Services".

Resources (View all):

- [data-catalog-policy](#) Policies
- [dataflow-admin-policy](#) Policies
- [dataflow-admin](#) Groups
- [dataflow-warehouse](#) Buckets
- [dataflow-logs](#) Buckets
- [DATABASEBAREMETAL](#) App
- [EXADATABM](#) App
- [IAM DataSafe](#) App
- [IAM DataSafe](#) App
- [CloudGuardPolicies](#) Policies
- [FSDR-Admins-Policies](#) Policies
- [DBA_Policy](#) Policies

Services (View all):

- [Data Labeling](#) Machine Learning

Documentation (View all):

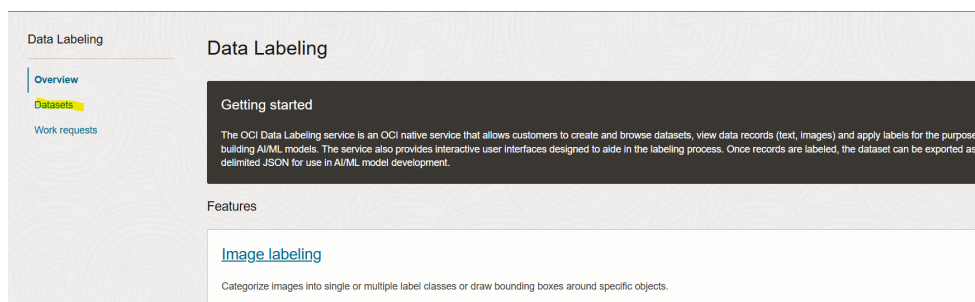
- [Data Labeling Service Dataplane](#)
- [Data Labeling](#) Data Labeling
- [Data Labeling Quotas](#) Compartment Quotas
- [About Data Labeling](#) Data Labeling

Marketplace

No results were found.

[Advanced resource query](#)

2. On the left-hand side of the Data Labeling page click **Datasets**



The screenshot shows the OCI Data Labeling page. On the left-hand side, there is a navigation menu with the following items:

- [Overview](#)
- [Datasets](#)
- [Work requests](#)

The main content area is titled "Data Labeling". It contains a "Getting started" section with the following text:

The OCI Data Labeling service is an OCI native service that allows customers to create and browse datasets, view data records (text, images) and apply labels for the purposes of building AI/ML models. The service also provides interactive user interfaces designed to aide in the labeling process. Once records are labeled, the dataset can be exported as line delimited JSON for use in AI/ML model development.

Below the "Getting started" section, there is a "Features" section with the following items:

- [Image labeling](#)

The "Image labeling" section contains the following text:

Categorize images into single or multiple label classes or draw bounding boxes around specific objects.

3. Next click **Create dataset**

Data Labeling

Dataset list in INFOCUS-HOL *Compartment*

Data Labeling prerequisites
Before you start using Data Labeling, complete the following setup tasks. If you don't have the permission to create these policies, your tenancy administrator should create them for you.
[Show more information](#)

Create dataset Import dataset

Name	State	Type	Annotation class	Created
No items found.				

Showing 0 items < 1 of 1 >

- a. Under Add dataset details
 - i. Type name **Studentxxx**
 - ii. Select dataset format **Documents**
 - iii. Under annotation class select **Key Value**
 - iv. Click **Next** in the bottom left-hand corner

1 Add dataset details
2 Add files and labels
3 Review

Name

Description Optional

Labeling instructions Optional

Dataset format Optional

Images
This dataset contains images for labeling.

Text
This dataset contains texts for labeling.

Documents
This dataset contains documents for labeling. ✓

Annotation class Optional

☐ Single Label
Categorize documents into an individual class.

☐ Multiple Label
Categorize documents into one or more classes.

Key Value
Use Document Understanding Service's Optical Character Recognition (OCR) to identify and extract information from documents.

Key points to consider before you use Key Value labeling
4. Before using Key Value labeling, you need to activate Document Understanding service. For more information, see the Document Understanding Defect Guide.

Next Cancel

- b. Under Add files and labels
 - i. Click **Select from Object Storage**
 - ii. Select Compartment **INFOCUS-HOL**
 - iii. Select the bucket you have created **Studentxxx**

The files you uploaded into the buckets will display below

1. Scroll Down to **Add labels** to the text box.
 - a. Type **Vendor_Name** and press **Enter**
 - b. Type **Invoice_Number** and press **Enter**
 - c. Type **Invoice_Total** and press **Enter**
- iv. Click **Next** to review your dataset

- c. Under Review Click **Create** to create the dataset



You will see that the data records will start to get generated and show up as status **Unlabeled**

Data records		
Search by name		
Name	Status	Created
AP invoice 1a.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:18 UTC
AP invoice 1b.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1d.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1c.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC

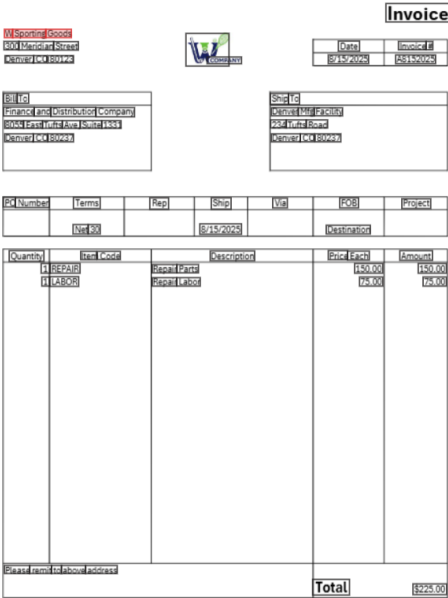
Assigning Labels to AP Invoices

- 1. Click on the first **AP Invoice** to start labeling.

Data records		
Search by name		
Name	Status	Created
AP invoice 1a.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:18 UTC
AP invoice 1b.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1d.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC
AP invoice 1c.pdf	● Unlabeled	Thu, Aug 28, 2025, 13:55:17 UTC

Showing 5 items < Page 1 >

2. With your mouse **Drag a box** around the **Vendor_Name** of the PDF
3. Then select the **Vendor_Name** under labels on the right-hand side



Invoice

Bill To: Advanced Distribution Company
Bill From: Advanced Distribution Company

Bill To: Advanced Distribution Company
Bill From: Advanced Distribution Company

Item Number	Terms	Rep	Ship	Via	PO#	Project
10000000						

Quantity	Item Code	Description	Unit Price	Amount
1	REPAIR	Repair Price	150.00	150.00
1	LABOR	Repair Labor	75.00	75.00
Total				225.00

Labels (3) Label

Search label

- ☒ Vendor_Name
- ☐ Invoice_Number
- ☐ Invoice_Total

Info

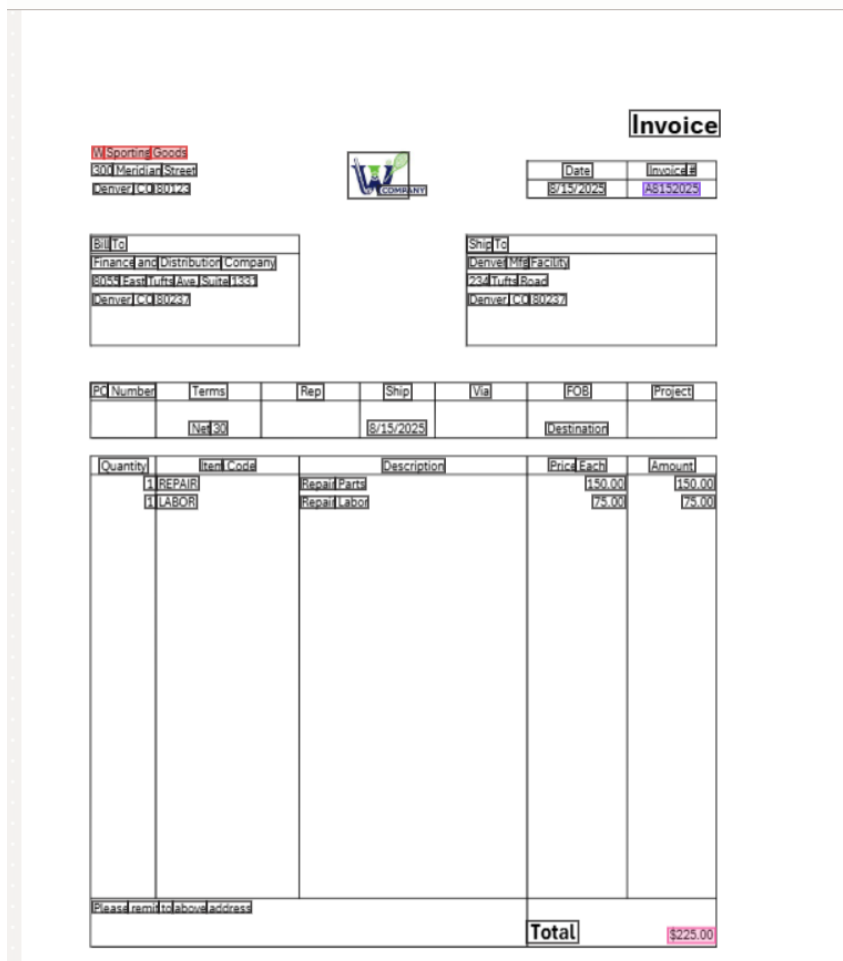
Text : -

Label : -

OCR confidence : -

4. Repeat this step for all other AP Invoice fields. Below is a screenshot of where you should be labeling the values

1. Invoice_Number
2. Invoice_Total



Invoice

Bill To:
 M Sporting Goods
 800 Meridian Street
 Denver CO 80002

Ship To:
 Finance and Distribution Company
 8000 East 17th Ave Suite 1000
 Denver CO 80002

PO Number: [Blank] **Terms:** Net 30 **Rep:** [Blank] **Ship:** 8/15/2025 **Via:** [Blank] **FOB:** Destination **Project:** [Blank]

Quantity	Item Code	Description	Price Each	Amount
1	REPAIR	Repair Parts	150.00	150.00
1	LABOR	Repair Labor	75.00	75.00

Please remit to above address

Total \$225.00

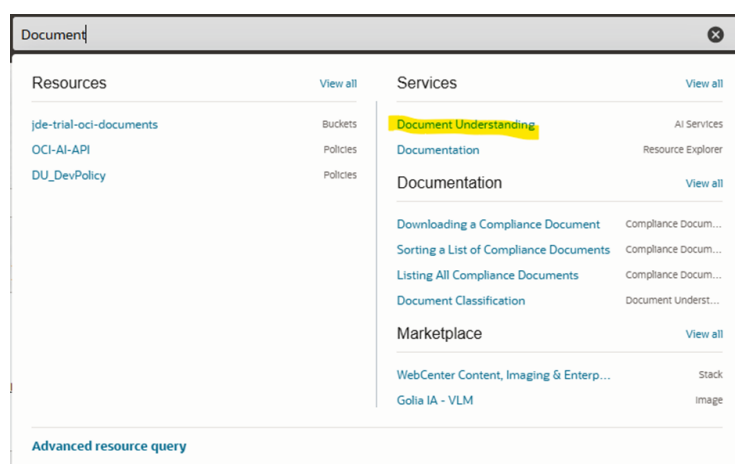
5. Click **Save & Next**
6. Repeat the steps above for all 5 AP Invoices
7. On the last file Click **Save & Continue**

The dataset is now labeled and ready for the document understanding model

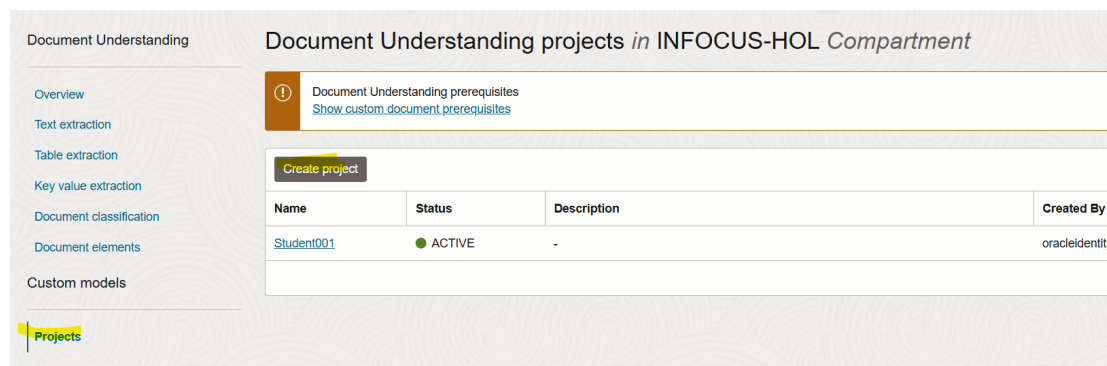
Name	Status	Created
AP Invoice 1a.pdf	Labeled	Thu, Aug 28, 2025, 14:30:56 UTC
AP Invoice 1d.pdf	Labeled	Thu, Aug 28, 2025, 14:30:56 UTC
AP Invoice 1b.pdf	Labeled	Thu, Aug 28, 2025, 14:30:56 UTC
AP Invoice 1.pdf	Labeled	Thu, Aug 28, 2025, 14:30:56 UTC
AP Invoice 1c.pdf	Labeled	Thu, Aug 28, 2025, 14:30:56 UTC

Create a Project

1. From the data labeling page navigate to the search bar above and type **Document Understanding** and click the first option



2. Under custom models on the left-hand side click **Projects**
3. Then click **Create Project**



- a. Select the compartment **INFOCUS-HOL**
- b. Enter a Project name **Studentxxx**

c. Click on the **Create Project**

Create project

Compartment ⓘ

INFOCUS-HOL

erpsuitesocipartnerlab (root)/INFOCUS-HOL

Name

Student001

Description

Show advanced options

Create project

Cancel

Create Models to Train AP Invoices

1. Click on the Project you just created **Studentxxx**

Create project Search project name				
Name	Status	Description	Created By	Created
Student001	● ACTIVE	-	oracleidentitycloudservice/drobb	Thu, Sep 4, 2025, 13:22:59 UTC

2. Once the project is created click on **Create Model**

Create Model						
Search model name						
Model name	State	Model type	Description	Model OCID	Training dataset	Created
No items found.						
Showing 0 items < 1 of 1 >						

a. Under Select Data

- Select **Key value extraction**
- Click **Choosing existing dataset**
- Under Data Source click **Data Labeling Service**
- From the drop down choose **Studentxxx** created from data labeling
- Click **Next**

1 Select data
2 Train model
3 Review

Choose model type to train

Key value extraction

Model version: *Optional*

V1.0

Model version description: key value model

Training data

Choose existing dataset

Use an existing dataset to train your model

✓

Create a New Dataset

Create a new dataset in Data Labeling Service to train your model (redirects to new page)

Data Source

☒ **Data Labeling Service** ☐ Object Storage

i The chosen dataset must contain a minimum of 10 images. Create and choose a dataset with appropriate format of schema. [Please read this for accepted schema formats \(redirects to new page\)](#)

i The Data Labeling Service is approaching End of Life and will be replaced by an alternative solution. DLS will be deprecated from the service effective July 20th.

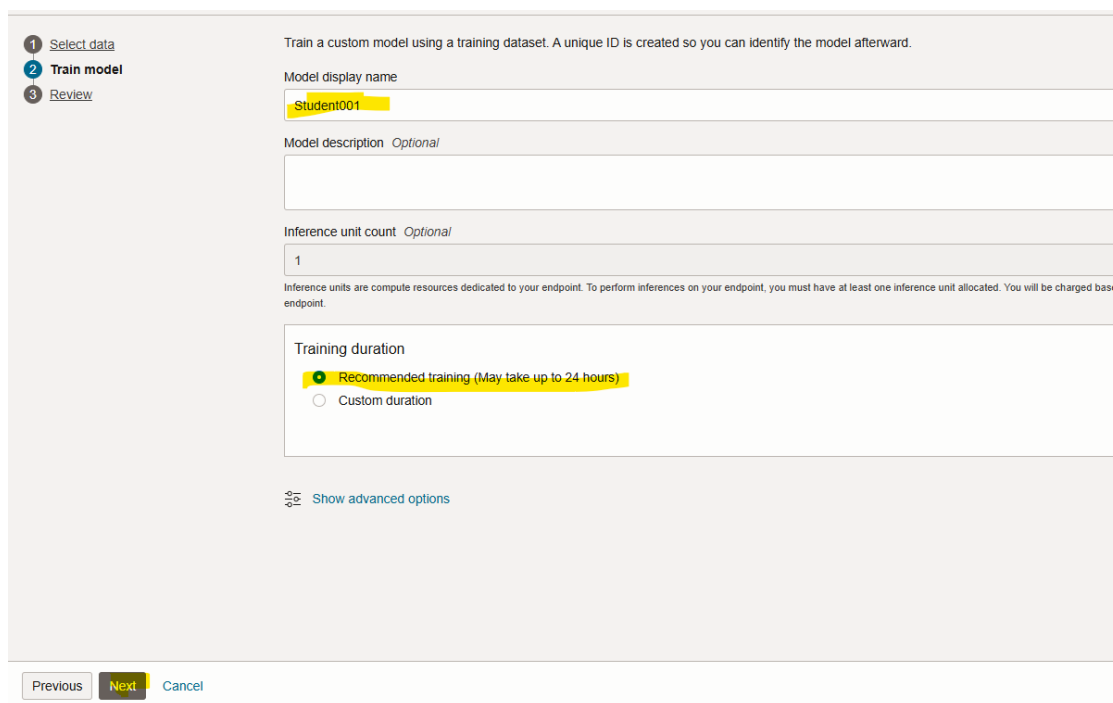
Choose a dataset in **INFOCUS-HOL** ([Change compartment](#))

Student001

Next Cancel

b. Under Train model

- i. Create Model display name **Studentxxx**
- ii. Select training language **English**
- iii. Select training duration **Recommended training (May take up to 24 hours)**
- iv. Click **Next**



1 Select data
2 **Train model**
3 Review

Train a custom model using a training dataset. A unique ID is created so you can identify the model afterward.

Model display name
Student001

Model description *Optional*

Inference unit count *Optional*
1

Inference units are compute resources dedicated to your endpoint. To perform inferences on your endpoint, you must have at least one inference unit allocated. You will be charged based on endpoint.

Training duration
☒ Recommended training (May take up to 24 hours)
☐ Custom duration

Show advanced options

Previous **Next** Cancel

c. Click on Review to review all inputs

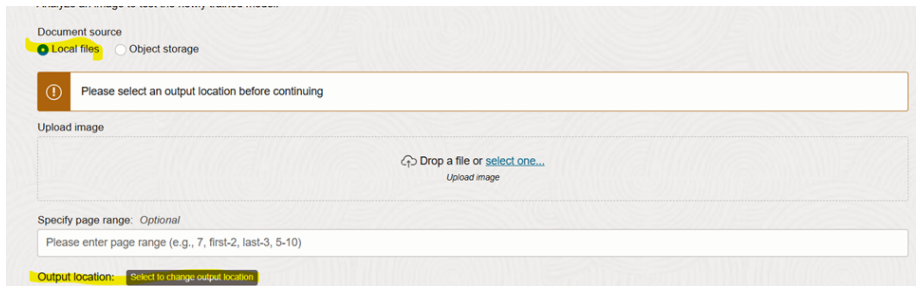
3. Click Create and Train to train your model

Analyze the AP Invoices

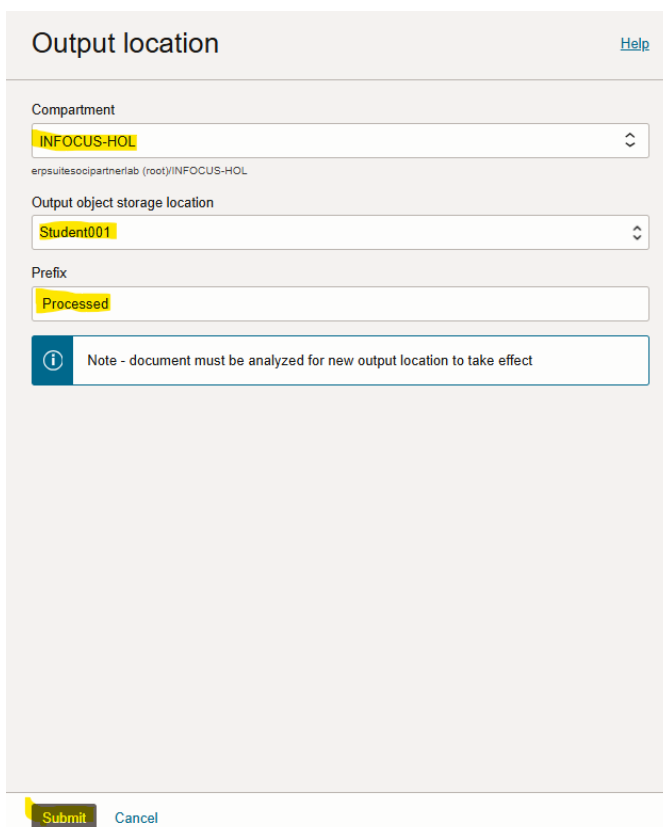
1. Click on the newly created model name Studentxxx

Create Model							Search model name
Model name	State	Model type	Description	Model OCID	Training dataset	Created	
Student001	ACTIVE	KEY_VALUE_EXTRACTION	-	...ll6l3q Show Copy	...m9xrcwfunq2umzobxa Show Copy	Thu, Sep 4, 2025, 13:33:55 UTC	
Showing 1 item < 1 of 1 >							

2. Click on **Select to change output location**



3. On the right-hand side under output location
- Select the **INFOCUS-HOL** from the drop-down list
 - Select your bucket **Studentxxx** from the drop-down list
 - Under Prefix type **Processed**
 - Click **Submit**



4. Select **Local Files** and upload the files you trained from local storage

Document source
☒ Local files ☐ Object storage

Upload image

Drop a file or select one...
 Upload image

Specify page range: *Optional*

5. Once uploaded Select **Analyze**

Output location: AP_Hands_On_Lab_01/Processed [Select to change output location](#)

Analyze

Invoice

Rocky Mountain Bicycles
 4000 Broadway
 Mileau, MT 59801

Ship To:
 Finance and Distribution Company
 3000 East Tule Ave, Suite 1001
 Denver, CO 80237

Ship To:
 Denver Pkg Facility
 1241 Tule Road
 Denver, CO 80237

PO Number	Terms	Rep	Ship	Via	FOB	Project
Net 30			8/1/2025			

Quantity	Item Code	Description	Price Each	Amount
1	220	Hard Bike	\$00.00	\$00.00

On the right-hand side hit down arrow to see the json **Request** is what goes in the rest call of orchestration that kicks off document understanding

▼ Request

JSON [Copy](#)

```
{
  "processorConfig": {
    "processorType": "GENERAL",
    "features": [
      {
        "modelId": "ocid1.aidocumentmodel.oc1.iad.amaaaaaaf2t",
        "featureType": "KEY_VALUE_EXTRACTION"
      }
    ],
    "isZipOutputEnabled": false,
    "language": "ENG"
  },
  "compartmentId": "ocid1.compartment.oc1..aaaaaaa44aiylvyqmx",
  "inputLocation": {
    "sourceType": "INLINE_DOCUMENT_CONTENT",
    "data": ".....",
    "pageRange": []
  },
  "outputLocation": {
    "namespaceName": "ider5vloprmp",
    "bucketName": "AP_Hands_On_Lab_01",
    "prefix": "Processed"
  }
}
```

On the right-hand side hit down arrow to see the json **Response** is what we get back from the orchestration



▼ Response

JSON

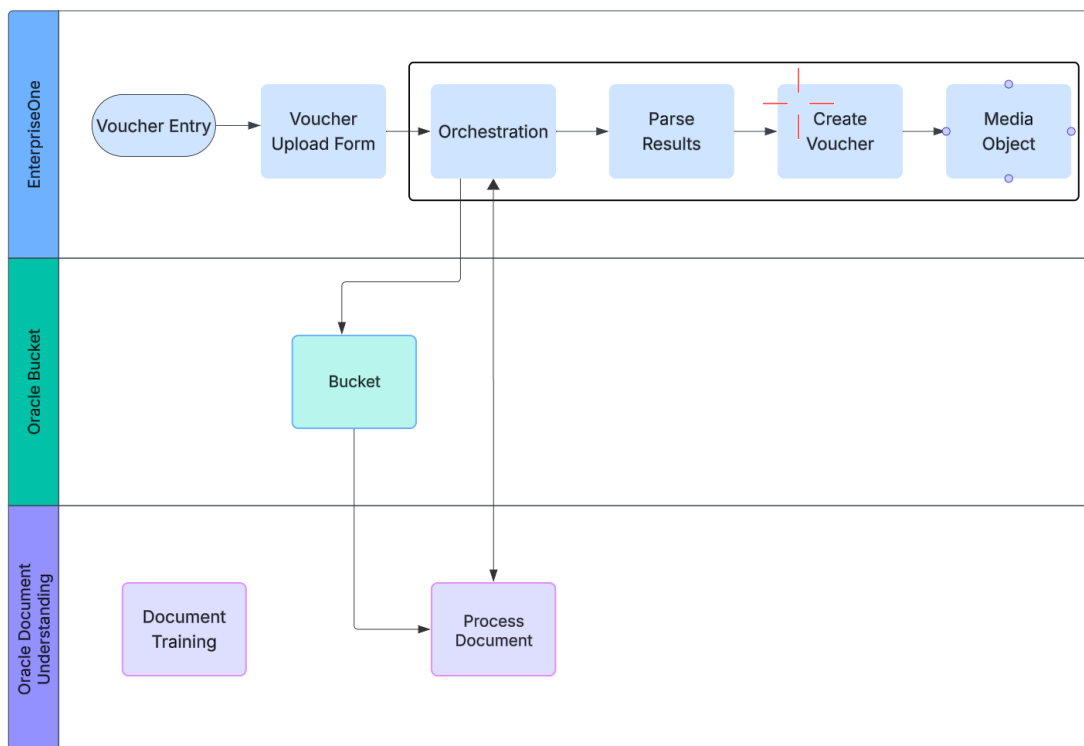
Copy

```
{
  "documentMetadata": {
    "pageCount": 1,
    "mimeType": "application/pdf"
  },
  "pages": [
    {
      "pageNumber": 1,
      "dimensions": {
        "width": 2550,
        "height": 3301,
        "unit": "PIXEL"
      },
      "words": [
        {
          "text": "Invoice",
          "confidence": 0.99979395,
          "boundingPolygon": {
            "normalizedVertices": [
              {
                "x": 0.7301960784313726,
                "y": 0.09481975159042715
              },
              {
                "x": 0.8364705882352941,
                "y": 0.09481975159042715
              }
            ]
          }
        }
      ]
    }
  ]
}
```

Understanding the Orchestrations

Overview

The Orchestration is being triggered from Standard Voucher Entry (P0411). The process flow is illustrated below. Once an invoice is submitted, the Orchestration sends the pdf file to an OCI Bucket. The file is then read by Document Understanding and parsed according to the training. The results of this process are returned to the Orchestration where validation occurs. If the data returned is acceptable the Voucher Form Request creates the voucher.



Example invoice document to load.

The screenshot displays the Oracle Financials EnterpriseOne 9.2 Release 25 user interface. The 'Fast Path' menu is open, showing a hierarchical list of navigation options. The 'Supplier Voucher Entry' option is highlighted in red. The background shows a large banner for 'Oracle Financials EnterpriseOne 9.2 Release 25' with the tagline 'Simplify. Optimize. Transform.'

Fast Path Menu Structure:

- Fast Path
 - Content Development Tools
 - EnterpriseOne Manual
 - Power User Tasks
 - Actions
- EnterpriseOne
 - Tools and Technologies
 - My Worklist
 - Object Usage Tracking
 - License Administration
 - License Accounting Manager
 - Upgrade Manager
 - Financials
 - Foundation Systems
 - Financials
 - Accounts Receivable
 - Daily Processing
 - Periodic Processing
 - AR Advanced & Technical Operations
 - Accounts Payable Status
 - UX One Rules
 - Accounts Payable
 - Supplier & Voucher Entry
 - Standards Voucher Entry**
 - Other Voucher Entry Methods
 - Manual Payment Processing
 - Automatic Payment Processing
 - Accounts Payable Inquiries
 - Accounts Payable Reports
 - Daily Processing
 - Periodic Processing
 - AR Advanced & Technical Operations
 - Accounts Payable Status
 - UX One Rules
 - Change Management
 - Service Billing
 - Contract Billing
 - Localization
 - Expense Management
 - Burdening / Re-burdening
 - Joint Venture Management
 - License Accounting
 - EnterpriseOne Life Cycle Tools
 - Customer Relationship Management
 - Apprent Management
 - Environmental Accounting & Reporting
 - Sustainability Framework
 - Health & Safety Incident Management
 - Development Utilities
 - Reference Implementations

Standard Voucher Entry - Supplier Ledger Inquiry

Personal Form: (No Personalization) Layout: (No Layout) Query: All Records

Form Row Tools

Supplier Number

Date From Thru ☒ Invoice ☐ G/L

☐ Recurring ☐ Summarize ☐ Paid ☐ Open ☐ Withheld ☒ All

Batch Number Currency Code ☐ Display Audit

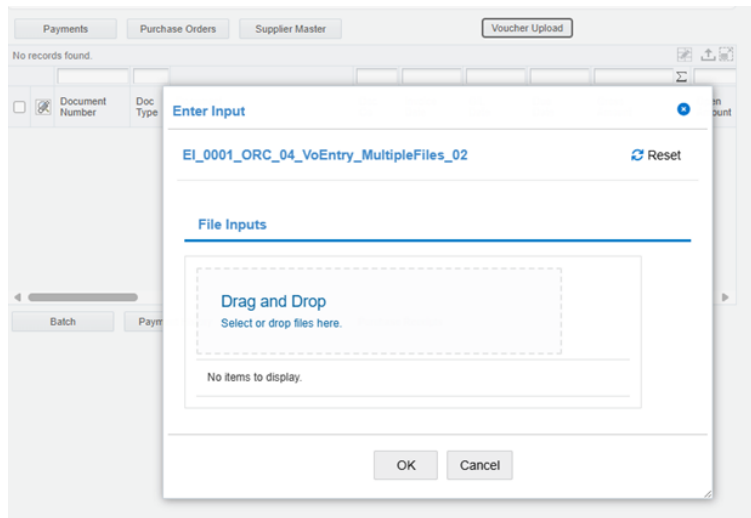
Payments Purchase Orders Supplier Master **Voucher Upload**

No records found.

	Document Number	Doc Type	Document Type	Doc Co	Invoice Date	G/L Date	Due Date	Gross Amount	Open Amount
☐									

Batch Payment History G/L Distribution Purchase Receipts

3. Drag and Drop, or select the invoice pdf file. Click 'OK'.



4. The Orchestration will execute, and the new voucher will display after pressing the 'find' button.

Standard Voucher Entry - Enter Voucher - Payment Information Personal Form: (No Personalization) ▼ Layout

✓ ✖ ⌂ ⚙ Form ⌵ Bow ⚙ Tools

Document No/Typ/Co: 1271 PV: 00001 Batch No: 8451 Prev Doc:

Company: 00001 Financial Distribution Company

Supplier Number: 52741 Rocky Mountain Bicycles Business Unit: Y

Invoice Number: 1330 ☐ Discount % Default Payment Terms:

Invoice Date: 08/01/2025 G/L Date: 08/01/2025 Service/Tax Date: 08/01/2025

Currency: USD Exchange Rate: Base: USD ☐ Foreign

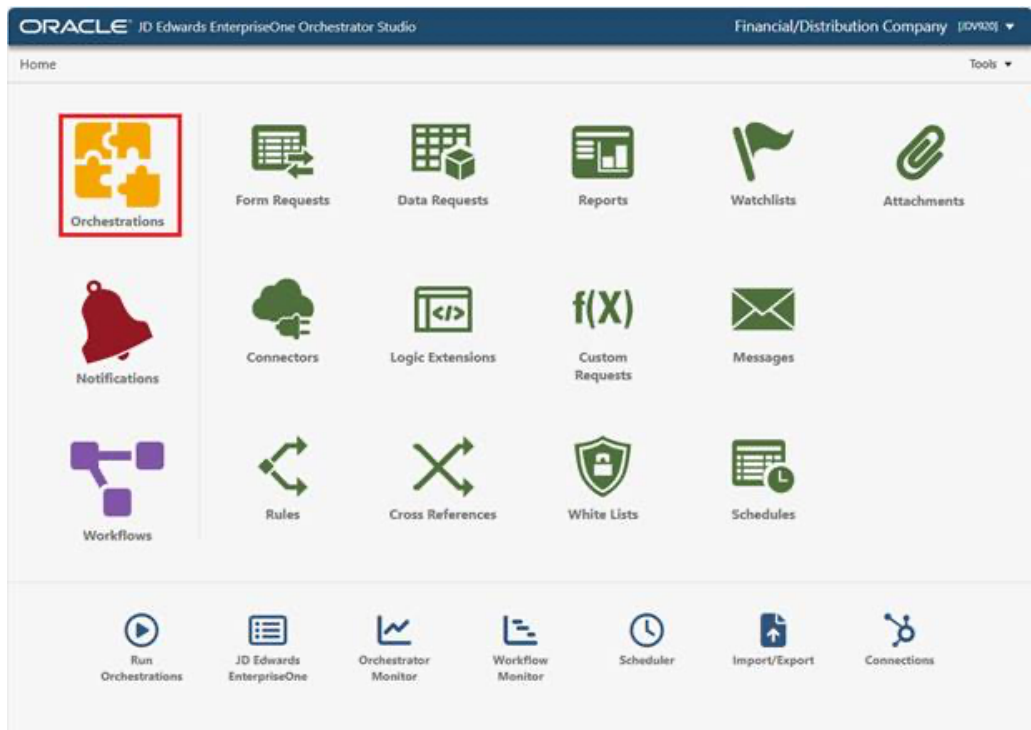
Records 1 - 2

Pay Item	Gross Amount	Taxable Amount	Tax Amount	Tax Rate/Area	Tax Ex	Due Date	Remark	Pay Status	Domestic Gross Amount
001	500.00					08/31/2025		A	500.00
002									

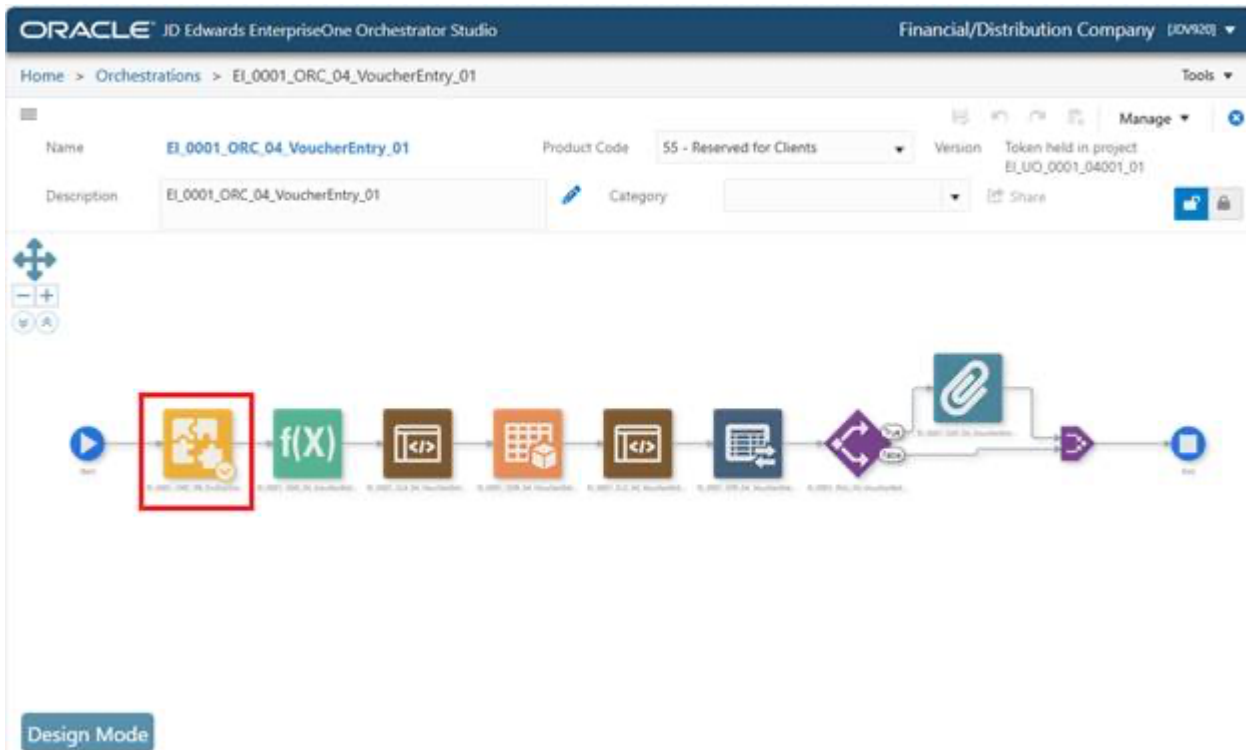
Gross: 500.00 Disc: Tax: Taxable:

Orchestration Architecture

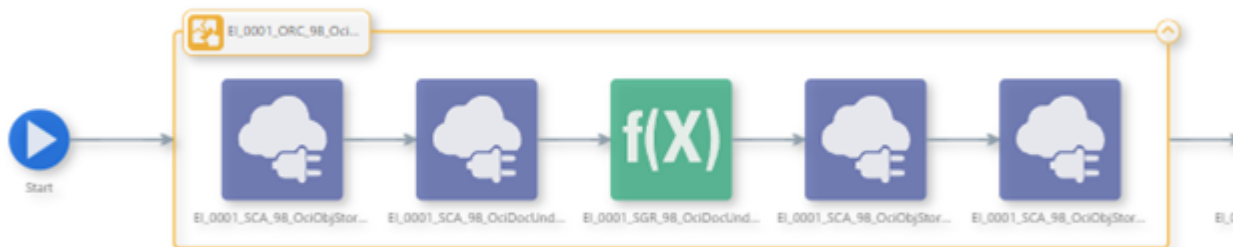
Below is an overview of an ERPSuites solution to process an invoice using Oracle Document Understanding and the creation of a new Voucher.



This Orchestration does the work of sending the invoice to Oracle Document Understanding, parsing the results, executing Voucher Entry, and loading the invoice document to a Media Object.

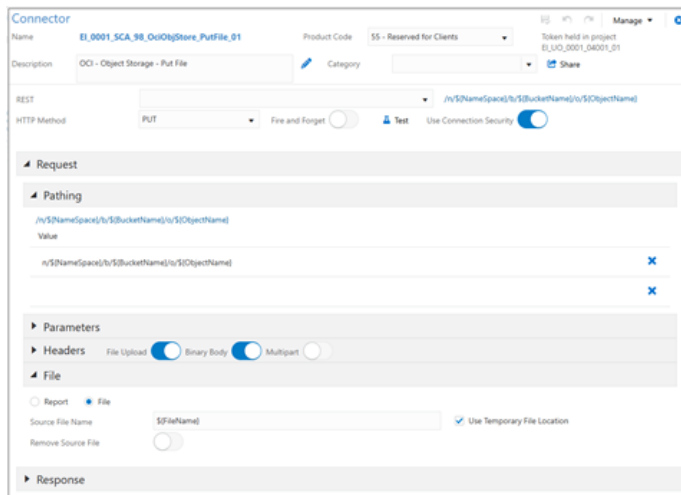


Step 1 – a Sub Orchestration to trigger the Oracle Document Understanding



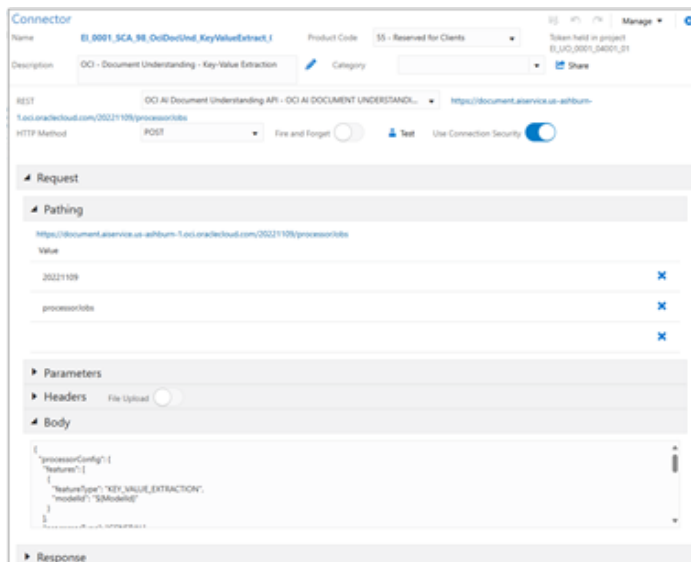
The sub-orchestration performs the following 5 tasks:

1.1 Send the invoice to an OCI Bucket



The screenshot shows the 'Connector' configuration interface. The Name is 'E1_9001_SCA_98_OciObjStore_PutFile_01'. The Description is 'OCI - Object Storage - Put File'. The HTTP Method is 'PUT'. The Path is '/v1/NameSpace/v1/BucketName/v1/ObjectName'. The File section is expanded, showing 'Source File Name' as '\$FileName' and 'Remove Source File' as 'Off'. The 'Use Temporary File Location' checkbox is checked.

1.2 Trigger the Oracle Document Understanding service and supplying the job to run.

The screenshot shows the 'Connector' configuration interface. The Name is 'E1_9001_SCA_98_OciDocUnd_KeyValueExtract_1'. The Description is 'OCI - Document Understanding - Key-Value Extraction'. The HTTP Method is 'POST'. The Path is 'https://document.aiservice.us-ashburn-1.oraclecloud.com/2021109/processorjobs'. The Body section is expanded, showing a JSON configuration for the processor job.

1.3 Building a string for retrieving the results



Custom

Name: EI_0001_SGR_98_OciDocUnd_GetObjName_01 Product Code: 55 - Reserved for Clients Token held in project: EI_0001_04001_01

Description: OCI - Document Understanding - Get Object Name Category: Share

Script:

```

1 // EI_0001_SGR_98_OciDocUnd_GetObjName_01
2
3 import groovy.json.JsonSlurper
4 import groovy.json.JsonBuilder
5 import com.oracle.ei.common.OrchestrationAttributes
6
7 HashMap<String, Object> main( OrchestrationAttributes aOrchAttr, HashMap aInputMap )
8 {
9     Result result = new Result()
10     use( URI ) {
11         // Read Input Values
12         String prefix = aInputMap.Prefix ? : ""
13         String id = aInputMap.Id ? : ""
14         String namespace = aInputMap.Namespace ? : ""
15         String origbucketName = aInputMap.OrigbucketName ? : ""
16         String origObjectName = aInputMap.OrigObjectName ? : ""
17     }

```

Load Outputs Test

Input	Test Value	Output	Variable Name	Test Output	Member Name	Variable
Prefix	aa	ResultPass	ResultPass	true		
Id	bb	PromptUser	PromptUser	false		
Namespace	cc	ResultMessage	ResultMessage	Object Name Deter		
OrigbucketName	dd	ObjectName	ObjectName	aa/bb/cc/dd/results		
OrigObjectName	ee					

1.4 Getting the results from Oracle Document Understanding.



Connector

Name: **EL_0001_SCA_98_OciObjStore_GetObject_01** Product Code: **SS - Reserved for Clients** Token held in project: **EL_UO_0001_04001_01**

Description: **OCI - Object Storage - Get Object** Category: [Share](#)

REST **/n/{Namespace}/b/{BucketName}/o/{ObjectName}**

HTTP Method: **GET** Fire and Forget: ☐ Test: ☒ Use Connection Security: ☒

Request

Pathing

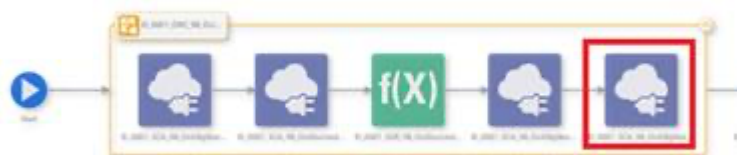
Path
Value
 n/{Namespace}/b/{BucketName}/o/{ObjectName} ☒

Parameters

Headers

Response

1.5 Deleting the results from the Oracle Bucket



Connector

Name: **EL_0001_SCA_98_OciObjStore_DeleteObject_01** Product Code: **SS - Reserved for Clients** Token held in project: **EL_UO_0001_04001_01**

Description: **OCI - Object Storage - Delete Object** Category: [Share](#)

REST **/n/{Namespace}/b/{BucketName}/o/{ObjectName}**

HTTP Method: **DELETE** Fire and Forget: ☐ Test: ☒ Use Connection Security: ☒

Request

Pathing

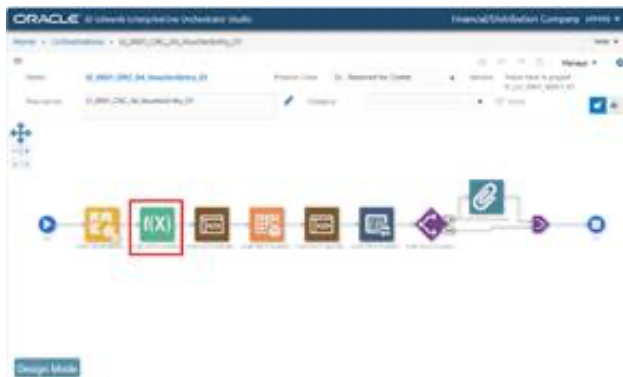
Path
Value
 n/{Namespace}/b/{BucketName}/o/{ObjectName} ☒

Parameters

Headers File Upload: ☐ Multipart: ☐

Body

Response



Step 2 – of the main Orchestration – Parsing the results of Document Understanding.

This Groovy Script reads the results passed back from Oracle and retrieves the relevant fields.

Custom

Name: EI_0001_SGR_04_VoucherEntry_ParseJson_01 Product Code: 55 - Reserved for Clients Token held in project: EI_UO_0001_04001_01

Description: EI_0001_SGR_04_VoucherEntry_ParseJson_01 Category: Share

Groovy

```

1 // EI_0001_SGR_04_VoucherEntry_ParseJson_01
2
3 import groovy.json.JsonSlurper
4 import groovy.json.JsonBuilder
5 import com.oracle.ei.common.OrchestrationAttributes
6
7 HashMap<String, Object> main( OrchestrationAttributes aOrchAttr, HashMap aInputMap )
8 {
9     Result result = new Result()
10    use( Util ) {
11        // Read Input Values
12        String aFileName = aInputMap.FileName ? : ""
13        String aHeaderResponseJson = aInputMap.HeaderResponseJson ? : ""
14
15        // Main Processing
16        Map<String,Map> headerResponse = new JsonSlurper().parseText( aHeaderResponseJson ? : "{}" ) as Map<String,Map>
17    }
18 }

```

Load Outputs Test

Input	Test Value	Output	Variable Name	Test Output	Member Name	Variable
FileName	Customer_PO_Samp	ResultPass	ResultPass	true		
HeaderResponseJson	{"documentMetadata": {}}	PromptUser	PromptUser	false		
		ResultMessage	ResultMessage	Invoice values found		
		VendorName	VendorName	Rocky Mountain Bic		
		InvoiceNumber	InvoiceNumber	4365		
		InvoiceDate	InvoiceDate			
		InvoiceTotal	InvoiceTotal	\$500.00		



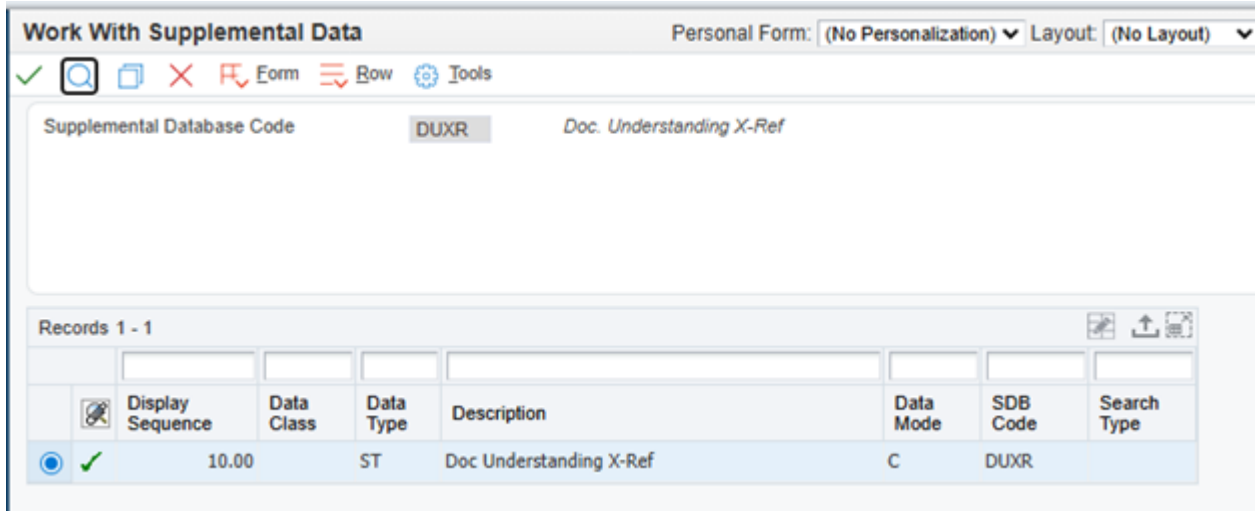


Step 4 – Search for the Vendor’s Address Book Number



Background for this search being performed in Step 4.

The name of the vendor on the invoice might not match the value stored in the Address Book. A cross-reference table is required to find a related Address Book Number based on the name. We used the Supplemental Data applications (P00091/P00092) to set up Cross-Reference Information. In this case Rocky Mountain Bicycles returns Address Book Number 52741.



General Description Entry Personal Form: (No Personalization) Layout: (No Layout) Query:

Supplemental Database Code **DUXR** Type Data **ST** Doc Understanding X-Ref

UDC Table Code Size

Records 1 - 2

Remarks Line 2	Address	Alpha Name	Name
	52741	Rocky Mountain Bicycles	Rocky Mountain Bicycles

The Data Request to perform the search.

Data Request

Name: EI_0001_SDR_04_VoucherEntry_Xref_F00092_01 Product Code: 55 - Reserved for Clients Token held in project: EI_UO_0001_04001_01

Description: OCI - Voucher Entry - X-Ref Values Category: Share

Table/View Name: F00092 Supplemental Data Load Get View from Form Aggregation

Data Set Variable Name

Filter: Type to filter Options Preview

Description	Data Dictionary					
SDB Cod	SDB					
Ty Dt	TYDT					
Alpha Ke	SBA1					
Doc Co	KCO					
Alpha Ke	SBA2					
Business	MCU					
Numeric	SBN1					
Numeric	SBN2					
Unique K	UKID					
Quantity	UORG					
Effective	EFT					
Related F	RORN					

Filter Criteria Include Empty Query Values

Match Type: ☒ Match All ☐ Match Any

Description	Operator	Values
SDB Code	is equal to	\$(XrefDatabaseCode)
Ty Dt	is equal to	\$(XrefDataType)
Remark	is equal to	\$(ShipToName)

Return Fields and Variable Names

Include Count

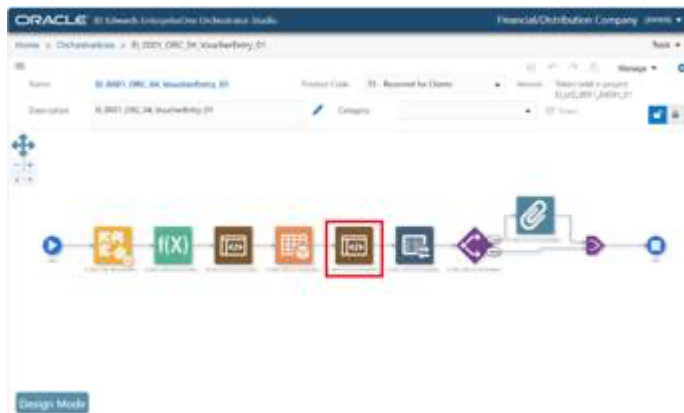
Description	Variable	Associated Description
Remark	BranchPlant	
Address Number	ShipToNumber	

Order By

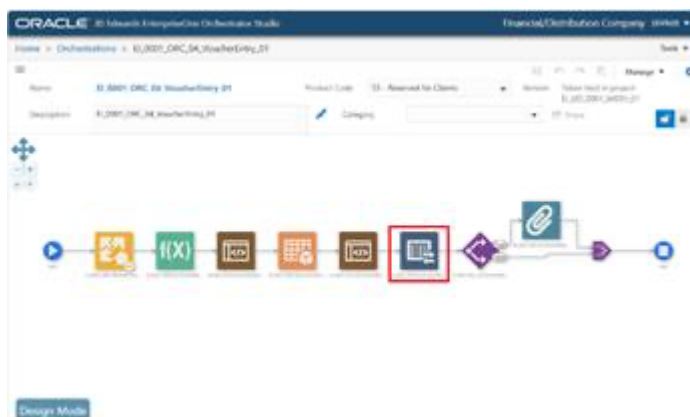
Description Order

No data to display.

Step 5 – Verify an Address Book Number was retrieved. This uses the same logic extension as Step 3.



Step 6 – Call the Voucher Entry application Form Request.



ORACLE® JD Edwards EnterpriseOne Orchestrator Studio Financial/Distribution Company [JDE001]

Home > Orchestrations > EI_0001_ORC_04_VoucherEntry_01 Tools

Name EI_0001_ORC_04_VoucherEntry_01 Product Code 55 - Reserved for Clients Version Token held in project EI_UO_0001_04001_01

Description EI_0001_ORC_04_VoucherEntry_01 Category Share

Transformations

Auto Map Iterate Over Return Raw Output Add Inputs to Orchestration

Input	Available Values	Default Value
Company		00001
Long_Address_Number	ShipToNumber	
Display_Business_Unit		1
Invoice_Number	InvoiceNumber	
G_L_Date	InvoiceDate	
Gridlin_1_2.Gross_Amount	InvoiceTotal	
P0411_Version		ZJDE0001

Step 7 – Save the Document into a Voucher Media Object.

ORACLE® JD Edwards EnterpriseOne Orchestrator Studio Financial/Distribution Company [JDE001]

Home > Orchestrations > EI_0001_ORC_04_VoucherEntry_01 Tools

Name EI_0001_ORC_04_VoucherEntry_01 Product Code 55 - Reserved for Clients Version Token held in project EI_UO_0001_04001_01

Description EI_0001_ORC_04_VoucherEntry_01 Category Share

Design Mode



Attachments

Name **EI_0001_SAT_04_VoucherEntry_GT04115_01**
Product Code **55 - Reserved for Clients**
Token held in project **EI_LUD_0001_04001_01**

Description **EI_0001_SAT_04_SoEntry_GT04115_01**
Category
Share

Structure Name

Description	Key Value
Document Company (KCO)	\$(szCompanyKey)
Document Type (DCT)	\$(szDocumentType)
Document (Voucher, Invoice, etc.) (DO)	\$(mnDocVoucherInvoiceI)
Document Pay Item (SFX)	\$(szDocumentPayItem)

Action
☐ List
☐ Get Text
☐ Add
☐ Update Text
☒ Upload File
☐ Download File
☐ Delete

Input

Item Name

File Name

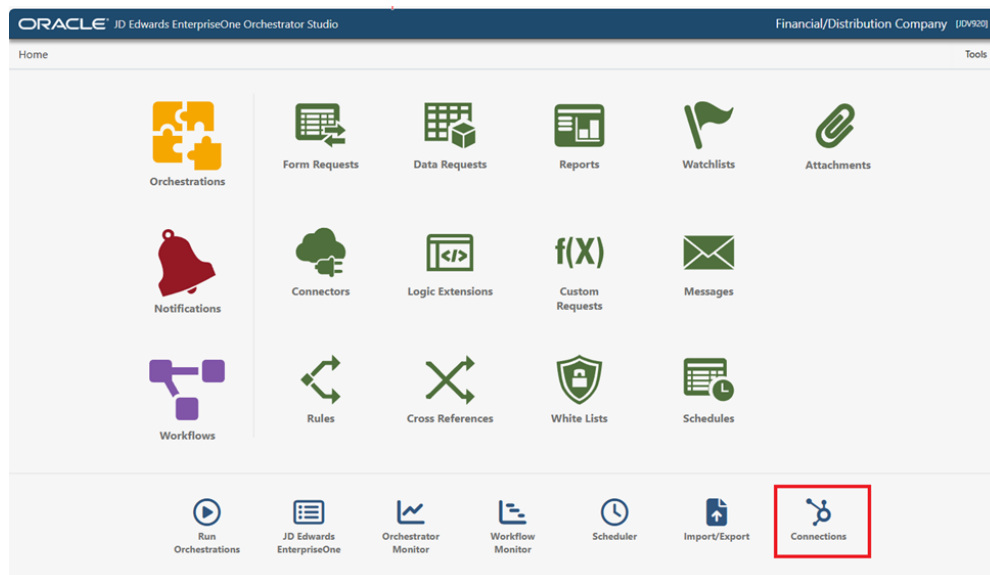
Output

Sequence Variable

Item Name Variable

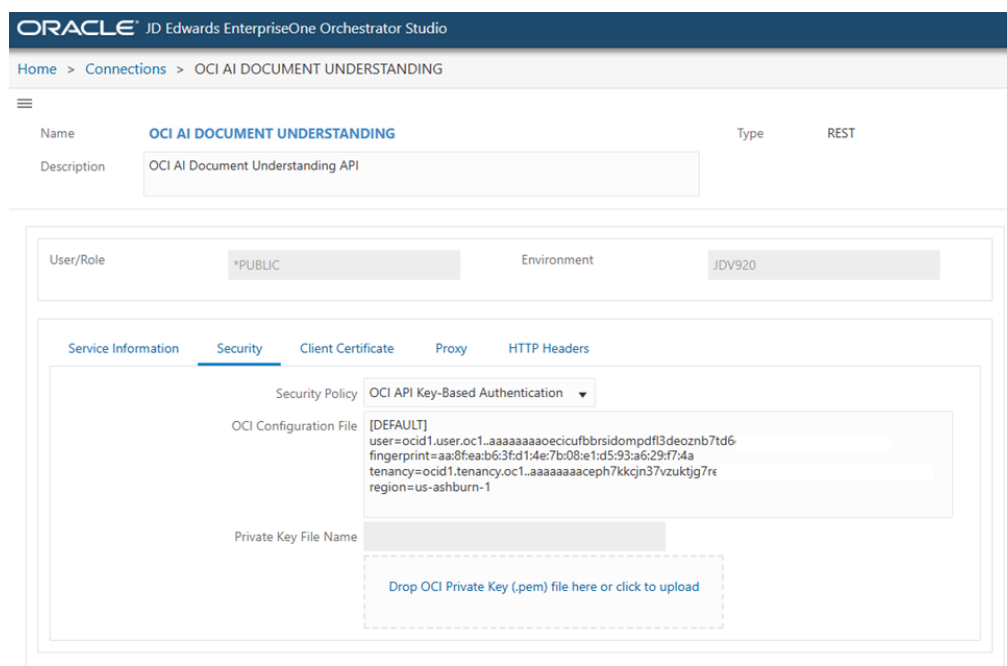
OCI Connection Details

Note: JDE version required for this example is: version 9.2.8.2



Connection to Document Understanding – Sending files into Document Understanding

- The configuration file and PEM file will be unique to each tenancy



Service Information

Security

Client Certificate

Proxy

H1

Endpoint

https://document.aishervice.us-ashburn-1.oci.oraclecloud.com

Connection to Object Storage – Retrieving Bucket data

- The configuration file and PEM file will be unique to each tenancy

ORACLE[®] JD Edwards EnterpriseOne Orchestrator Studio

Home > Connections > OCI OBJECT STORAGE

Name

OCI OBJECT STORAGE

Type

REST

Description

OCI Trial edition compartment object storage

User/Role

*PUBLIC

Environment

JDV920

Service Information

Security

Client Certificate

Proxy

H1

Security Policy

OCI API Key-Based Authenticati...

OCI Configuration File

[DEFAULT]
user=ocid1.user.oc1..aaaaaaaaoecicufbbsidor
ur6snrjqkrj4wq
fingerprint=aa:8f:ea:b6:3f:d1:4e:7b:08:e1:d5:93
tenancy=ocid1.tenancy.oc1..aaaaaaaaceph7kk
mqbhtumujjojegyqga2a
region=us-ashburn-1

Private Key File Name

D5T15_50_32.178Z.pem

Drop OCI Private Key (.pem) file here or click to upload