



Integration Between Magento/eBay E-commerce and SAP B1 using Autonomous Oracle Integration Cloud Service

USER GUIDE

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Suneratech Contacts	Sreenivasa Setty VP, Head of Cloud Solutions Mobile: 630.379.6600 Email: Sreenivasa.setty@suneratech.com Address: 3590 Hobson Road, Suite 404, Woodridge IL 60517



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1. INTRODUCTION

This Setup Guide will walk you through configuring the Autonomous Integration Recipe.

This is a pre-built integration that can be deployed on Oracle Autonomous Integration Cloud Platform.

The integration can be used to create orders in SAP B1 and their corresponding shipment and invoices in Magento/eBay E-commerce.

The integration is bi-directional between Magento/eBay E-commerce and SAP B1. The integration can be deployed as-is as well as customized.

There are 3 integrations flows in total.

Data Flow of Integration 1:

Step 1: This integration connects to Magento/eBay E-commerce, queries for Orders that are 'Processed' state.

Step 2: It retrieves the Order details from Magento/eBay E-commerce.

Step 3: It performs transformation like mapping the Order_id, customer_address, quantity, price, etc. to create an order in SAP B1.

Step 4: Creates an Order in SAP B1

Step 5: Upon completion of order creation in SAPB1, the SAPB1 order id is updated in Magento.

Step 6: It notifies the IT Support team in case of data or technical failures in the integration flow.

Data Flow of Integration 2:

Step 1: This integration connects to SAP B1, queries for the shipment details which are in 'Ready' status for shipment.

Step 2: It retrieves the shipment details from SAPB1.

Step 3: It performs transformation like mapping the shipped_date, Track_no, carrier_routing, etc. to match the data to create shipment details in Magento.

Step 4: Creates a Shipment in Magento.

Step 5: Upon completion of shipment create in Magento, the shipment status is updated as 'Processed' in SAP B1.

Step 6: It notifies the IT Support team in case of data or technical failures in the integration flow.

Data Flow of Integration 3:

Step 1: This integration connects to SAP B1, queries for the invoice details which are in 'Ready' status for invoice.

Step 2: It retrieves the invoice details from SAPB1.

Step 3: It performs transformation like mapping the price, customer_address, etc. to create invoice details in Magento.

Step 4: Create invoice in Magento.

Step 5: Upon completion of invoice creation in Magento, the invoice status is updated as 'Processed' in SAP B1.

Step 6: It notifies the IT Support team in case of data or technical failures in the integration flow.

Pre-Requisites to deploy this integration:

1. Oracle AIC version 18.3 and above
2. Shopify REST Services with basic authentication
3. Magento/eBay E-commerce REST Services
SAPB1 SOAP Services



SAPB1: iconnectWSDL, iconnectTenant, username, password, SQLquierey.
Magento: connection url, agent

Steps to deploy:

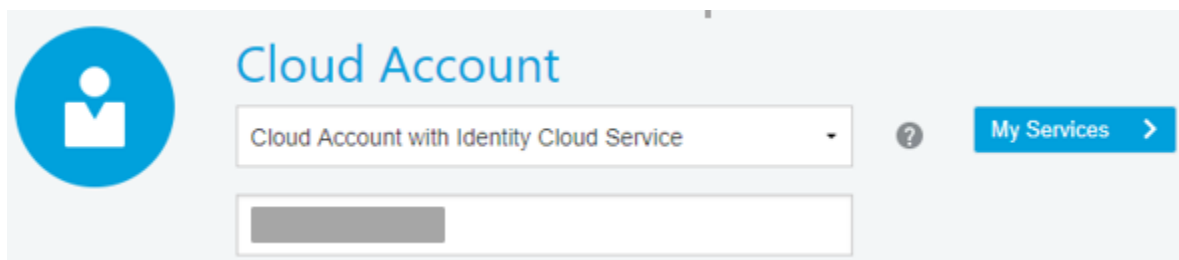
1. Download IAR file (*.iar) from Oracle Cloud Marketplace
2. Import the IAR Project into Autonomous Oracle Integration Cloud Platform
3. Configure Connections to Magento/eBay E-commerce and SAP B1
4. Activate Integration
5. Track the integration and view the activity stream

2. LOGIN TO AIC PLATFORM

2.1 Open the URL <https://cloud.oracle.com/sign-in> in any browser.

2.2 Provide the cloud account name: *****

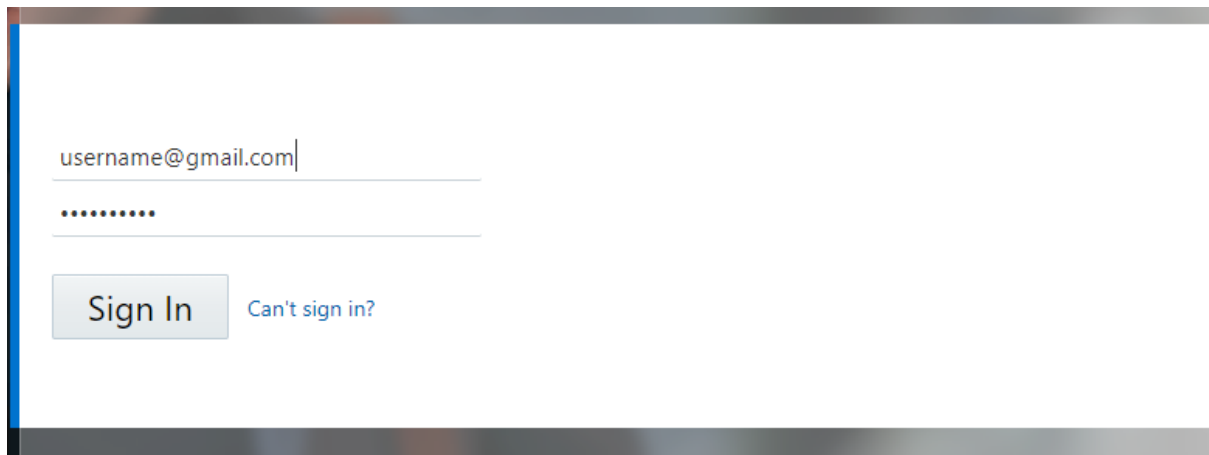
2.3 Click on **My Services** button.



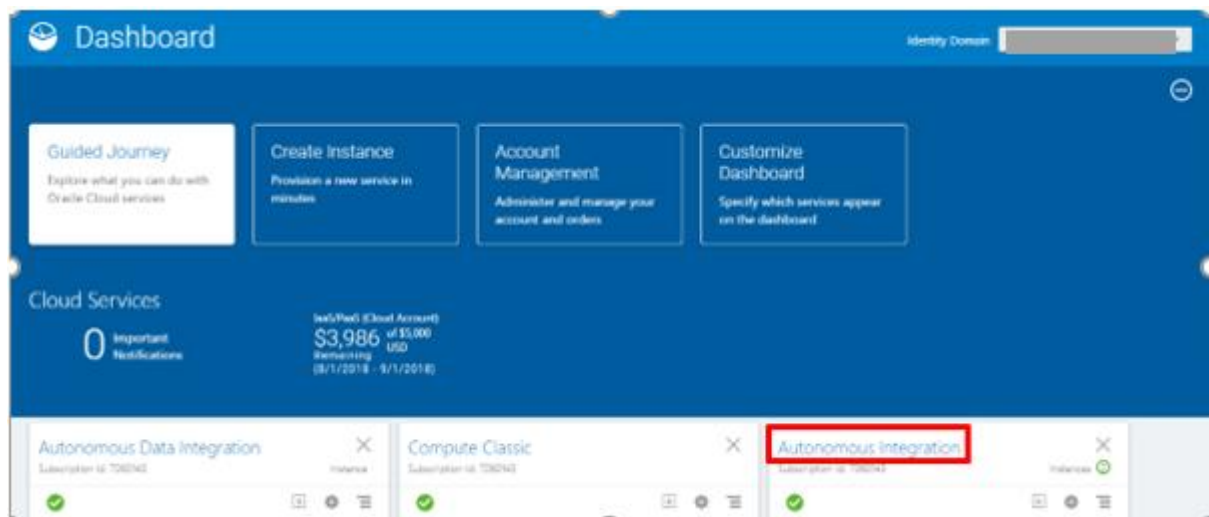
2.4 Provide the below credentials and click on **Sign In** button to sign in to AIC (Autonomous Integration Cloud) cloud account.

2.5 User Name: **username@gmail.com**

2.6 Password: *********



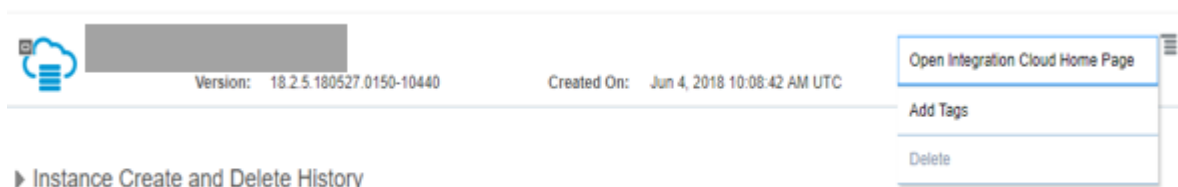
2.7 Click on **Autonomous Integration** link



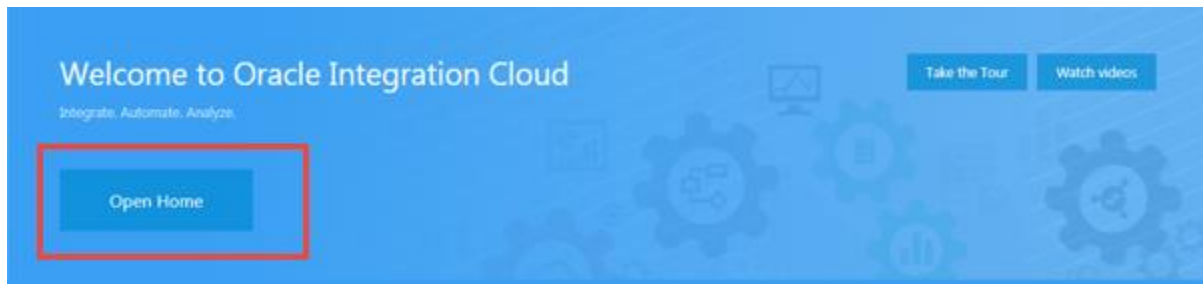
2.8 Click on **Open Service Console** button



2.9 Click on burger icon on the right and select **Open Integration Cloud Home Page**

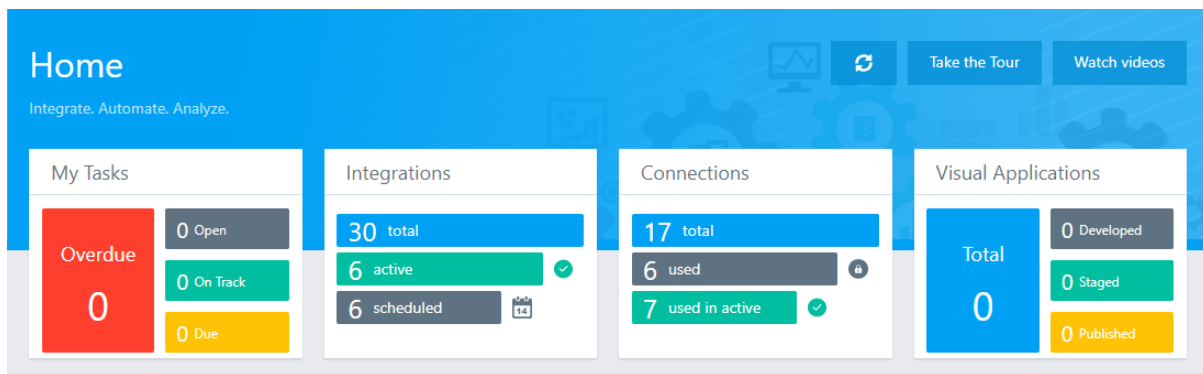


2.10 Click on **Open Home** button



3. IMPORT INTEGRATION PROJECT

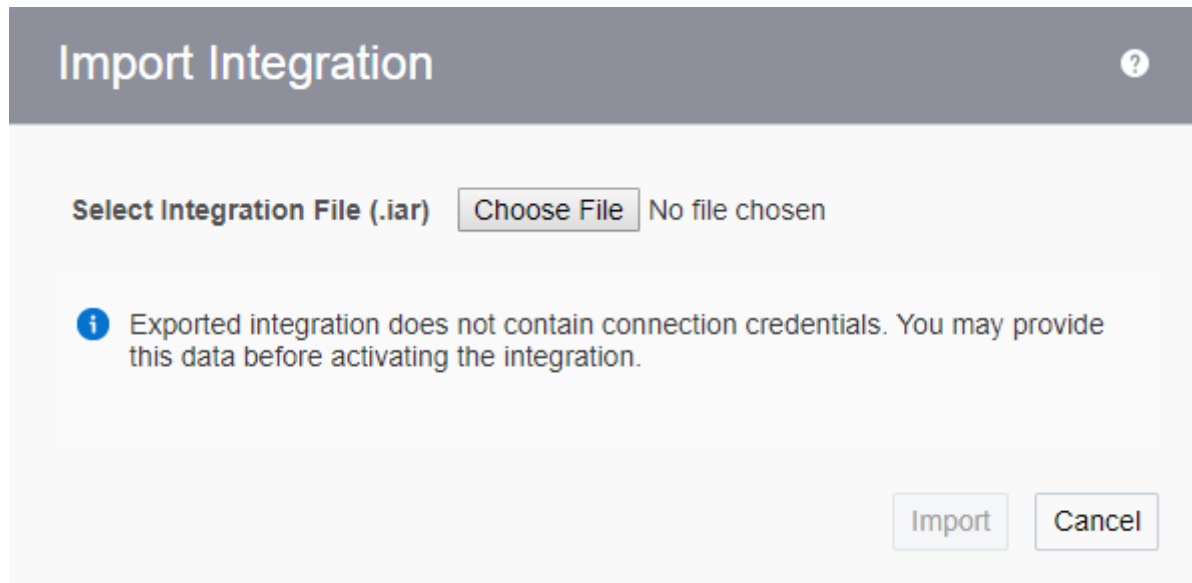
3.1 Click on total integrations button to navigate to integrations home page



3.2 Click on Import.



3.3 Click on choose file to select the .jar to import



3.4 Select file name

File name: ▼ IAR File (.iar) ▼

Open ▼ Cancel

3.5 Click **Import**

Import Integration

Select Integration File (.iar)

Choose File

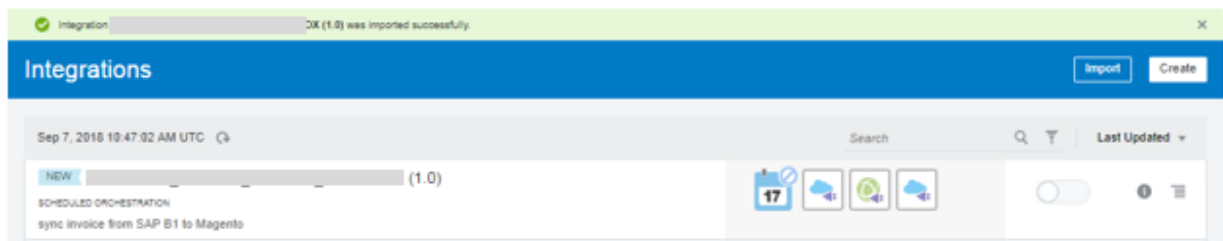
R....0000.iar

Exported integration does not contain connection credentials. You may provide this data before activating the integration.

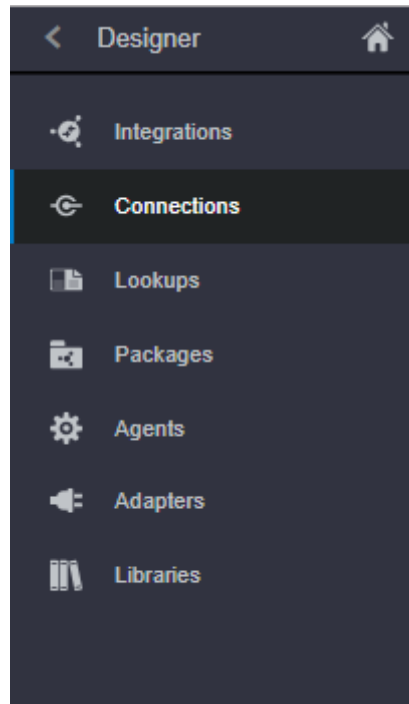
Import

Cancel

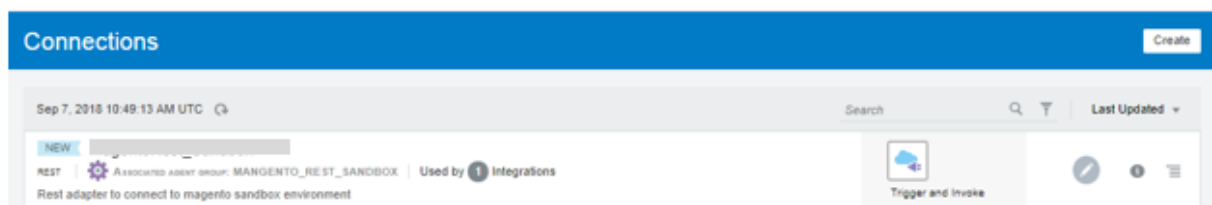
3.6 You can see the message like imported successfully on top of the screenshot



4. CONFIGURE CONNECTIONS



4.1 Click on edit icon



4.2 This will open a new window to configure the connection details.



4.3 Click Configure Connectivity.

4.4 Enter the connection details as shown below:


4.5 Click on Configure Security under Security section:

4.6 Select No Security Policy from the drop down.



Select an Agent group


Select an agent group. Available agent groups are listed below.



AGENT

AGENT

Available




Use

Cancel

Agent Group

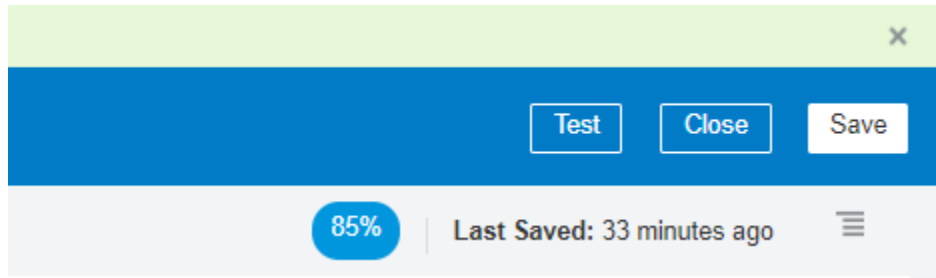
Configure Agents

X



Agent GroupAGENT

4.9 Click Test on Top right corner



4.10 If connection details are fine, you should get a success message and connection will show 100% as shown below.

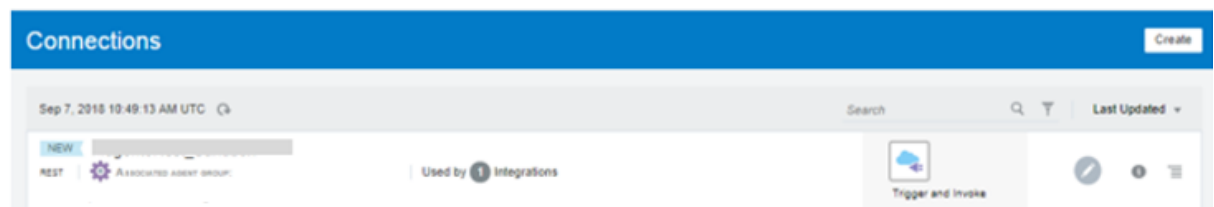


4.11 Click Save and then Close to come back to the Connections home page.

4.12 You should see the connection with a green tick mark.



4.13 To configure SAPB1 connector. Go to Integrations page and click on edit icon to configure the connection details.





4.14 Click Configure Connectivity.

4.15 Upload the WSDL file or enter the URL and then click ok.



Connection Properties

Enter information so we can connect to your application/endpoint and process requests.

Property Name	Upload File	Property Value
* WSDL URL	<input checked="" type="checkbox"/> Upload	IConnectWSDL.wsdl  
Target Server's TLS version (Optional)		< Please select an item from the list > ▼
Suppress insertion of timestamp into the re		< Please select an item from the list > ▼
Ignore timestamp in the response message		< Please select an item from the list > ▼
Enable two way SSL for outbound connect		< Please select an item from the list > ▼
Identity keystore alias name (Optional)		Name of alias to use for establishing identity during two way SSL communication

OK Cancel

4.16 Click Configure Security.

Credentials

You can configure the Security Policy for this connection. Please select the Security Policy.

Security Policy Basic Authentication ▼

Your application/endpoint credentials for access. Specify the login credentials below.

Basic Authentication
OAuth Client Credentials
OAuth Resource Owner Password Credentials
OAuth Authorization Code Credentials
OAuth Custom Three Legged Flow
OAuth Custom Two Legged Flow
API Key Based Authentication
OAuth 1.0 One Legged Authentication
No Security Policy

* Confirm Password

OK Cancel

4.17 Click Save and then Test on the Top right corner.

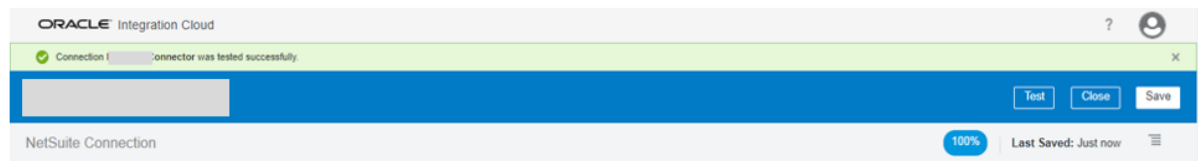
✕

Test Close Save

85% Last Saved: Just now



4.18 If the connection details are correct, you should see a success message and connector is 100%



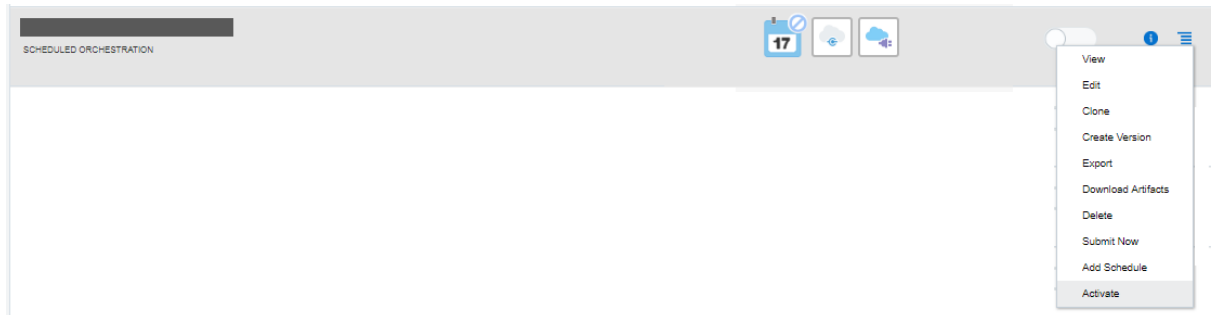
4.19 Click Close to return to Connections main page

4.20 You should see the new SAPB1 connector with a green tick mark.



5. ACTIVATE INTEGRATION

1. Navigate to integrations home page.
2. Select the Burger Icon next to the integration and click **Activate**.



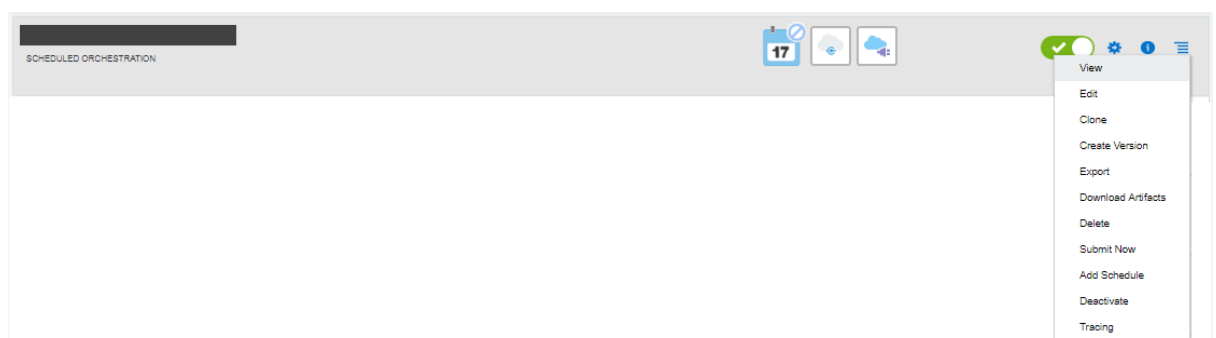
3. Integration is activated



NOTE: Similarly import shipment and invoice integrations.

6. SCHEDULE INTEGRATION RUN

1. Click the Burger Icon next to the integration
2. Select **add schedule**



3. Click on **Only Once**
4. select **Days**

Type

☒ Basic ☐ Advanced

Frequency ☐ Only Once ▼

This schedule is effective:
tomorrow at 3:27 PM UTC

You must start up the schedule for these settings to take effect

Hours and Minutes
Days
Weeks
Months

5. Set the **Frequency**

Type

☒ Basic ☐ Advanced

Frequency ●●●

Every 1 Day(s) ✓

This schedule is effective:
From tomorrow at 3:27 PM UTC
Until Never (repeat indefinitely)

You must start up the schedule for these settings to take effect

6. Click **Save and Close**

Run [01_00_0000] Close Save

7. Click **Start Schedule**

Schedule for [01_00_0000] (1.0)*

Schedule ☒ Start Schedule

Run [01_00_0000]

From: tomorrow at 3:27 PM UTC
Until: Never (repeat indefinitely)

When this schedule is started, integration will run
Every 1 Days

Future Runs All Scheduled Manually Submitted Next 24 Hours [01_00_0000] PM UTC

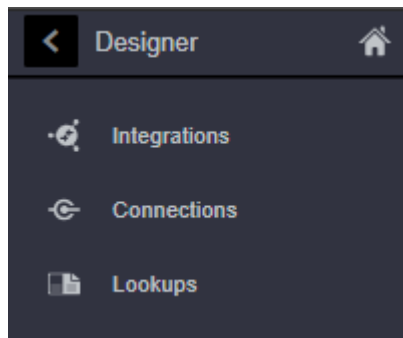
No runs found within the selected time window.

8. The Integration is now Scheduled to run every day.

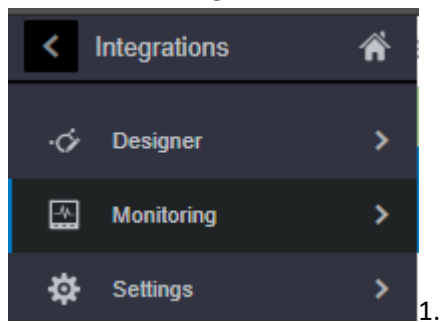


7. TRACK INTEGRATION INSTANCES

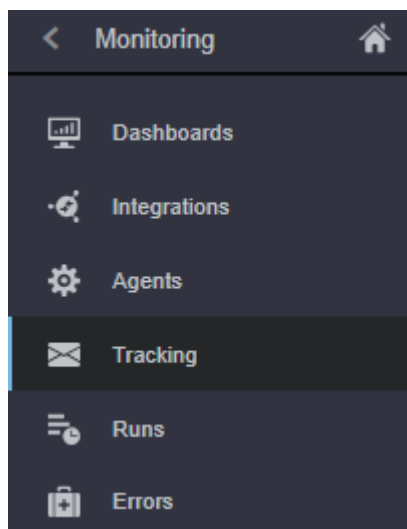
1. Click left arrow next to Designer.



2. Select **Monitoring**



3. Select **Tracking**



- 4.



Track Instances				
:40:24 PM UTC Last 1 Hour Search				
	start Time: 2018-06.935+00:00	Instance ID: 400227	Started	30 minutes ago
	Run Id: 400227		Completed	30 minutes ago
	start Time: 2018-04.940+00:00	Instance ID: 400226	Duration	571 msec
	Run Id: 400226		Started	40 minutes ago
			Completed	40 minutes ago
			Duration	03 sec

8. VIEW ACTIVITY STREAM

1. Click on the **Start Time**.

Track Instances				
:40:24 PM UTC Last 1 Hour Search				
	start Time: 2018-06.935+00:00	Instance ID: 400227	Started	30 minutes ago
	Run Id: 400227		Completed	30 minutes ago
	start Time: 2018-04.940+00:00	Instance ID: 400226	Duration	571 msec
	Run Id: 400226		Started	40 minutes ago
			Completed	40 minutes ago
			Duration	03 sec

2. click on the burger icon on left and select **View Activity Stream**.

ORACLE[®] Integration Cloud

start Time: 2018-08-29T00:05:44.246+00:00 | 1600068

Instance of "Global Fault" Reset

Completed: Today at 12:06 AM UTC

Business Identifiers

View Errors

Discard

View Audit Trail

View Activity Stream

Primary Info



Activity Stream

Showing: Ascending

Record count All

LogActivity - Wed Aug 29 00:05:45 UTC 2018
logItem.

LogActivity - Wed Aug 29 00:05:45 UTC 2018
logItem.

LogActivity - Wed Aug 29 00:05:49 UTC 2018
logItem.

LogActivity - Wed Aug 29 00:05:50 UTC 2018
logItem.

LogActivity - Wed Aug 29 00:05:52 UTC 2018
logItem.

Close

5. Click close

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