



Integration Between Shopify E-commerce and Oracle NetSuite using Autonomous Oracle Integration Cloud Service

USER GUIDE

September 07, 2018. Version 1.0



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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 pre-built integration can be deployed on Oracle Autonomous Integration Cloud Platform. The integration can be used to create an invoice in NetSuite ERP application for all Orders that are in shipped status in Shopify eCommerce application.

The integration is bi-directional between Shopify and NetSuite. The integration can be deployed as-is as well as customized.

The data flow is as follows:

Step 1: This integration connects to Shopify, queries for Orders that are 'Shipped' to the customer.

Step 2: It retrieves the Order details from Shopify application.

Step 3: It performs transformation like mapping the Item ID, Description, Cost, Tax, etc. to match the data to create an Invoice in NetSuite.

Step 4: Creates an Invoice in NetSuite

Step 5: Upon completion of Invoice creation in NetSuite, the Order status is updated as 'Closed' in Shopify.

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. NetSuite SOAP Services with basic authentication. Require the following as well: WSDL, Account Email, Account Number, Role, Password, Application ID

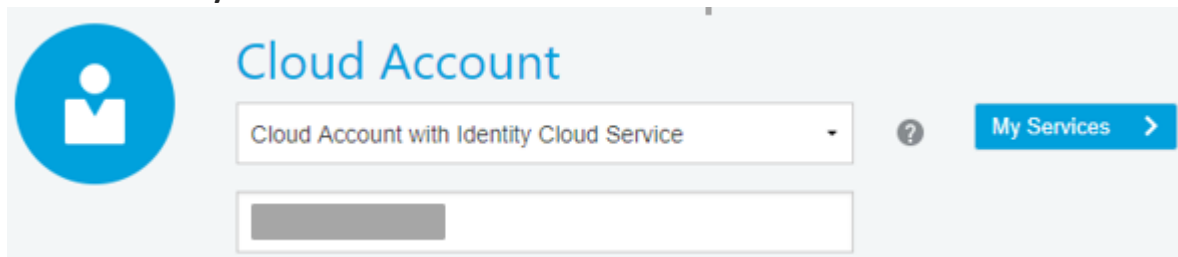
Steps to deploy:

1. Download IAR file (*.iar) from Oracle Cloud Marketplace
2. Import the IAR Project into Autonomous Oracle Integration Cloud Platform
3. Configure Connections to Shopify and NetSuite
4. Activate Integration
5. Track the Integration

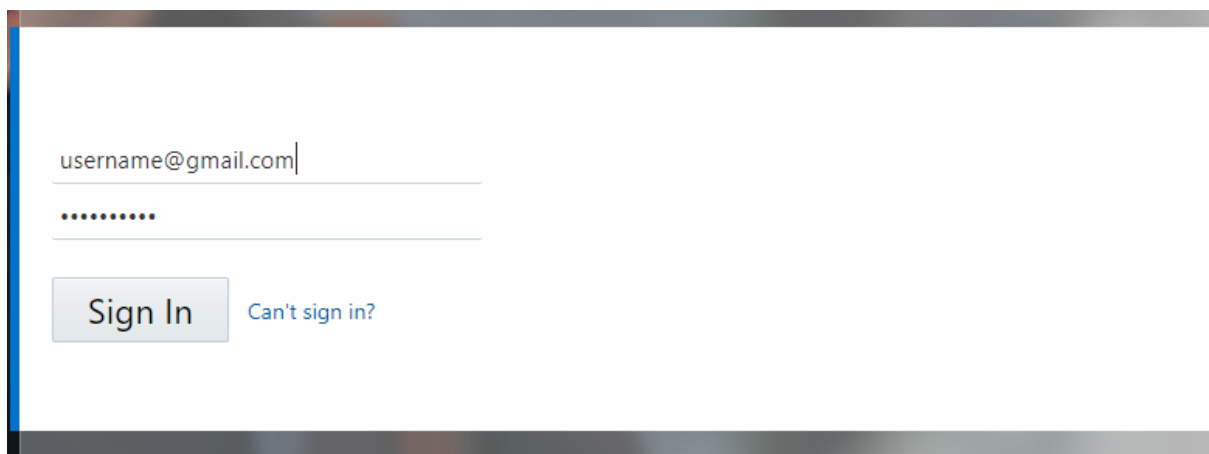


2. LOGIN TO AIC PLATFORM

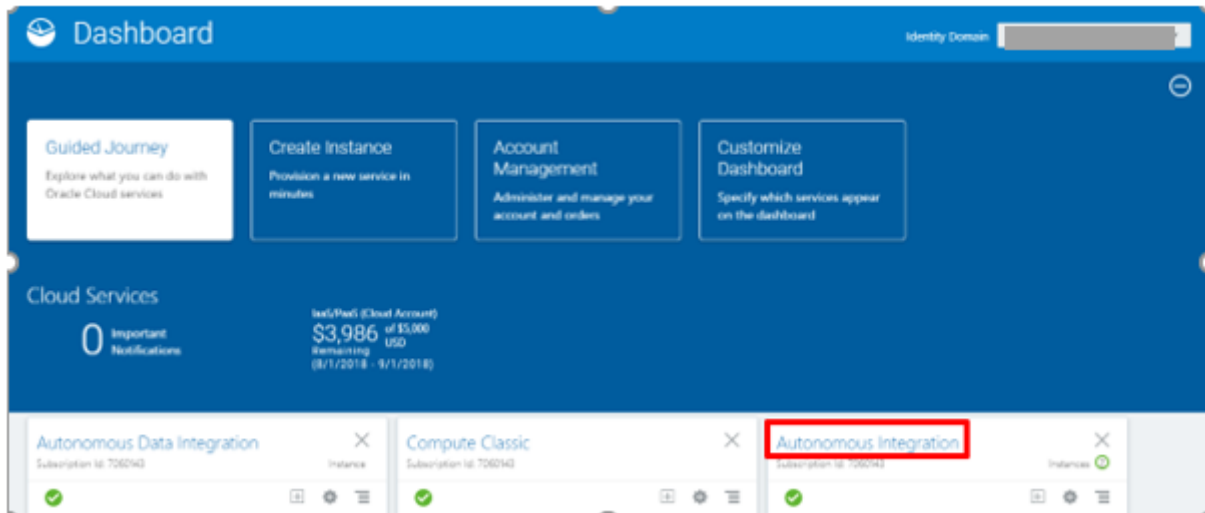
- 1.1 Open the URL <https://cloud.oracle.com/sign-in> in any browser.
- 1.2 Provide the cloud account name: *****
- 1.3 Click on **My Services** button.



- 1.4 Provide the below credentials and click on **Sign In** button to sign in to AIC (Autonomous Integration Cloud) cloud account.
- 1.5 User Name: **username@gmail.com**
- 1.6 Password: *********



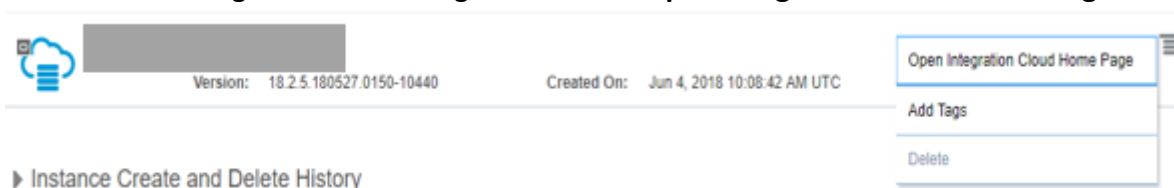
- 1.7 Click on **Autonomous Integration** link



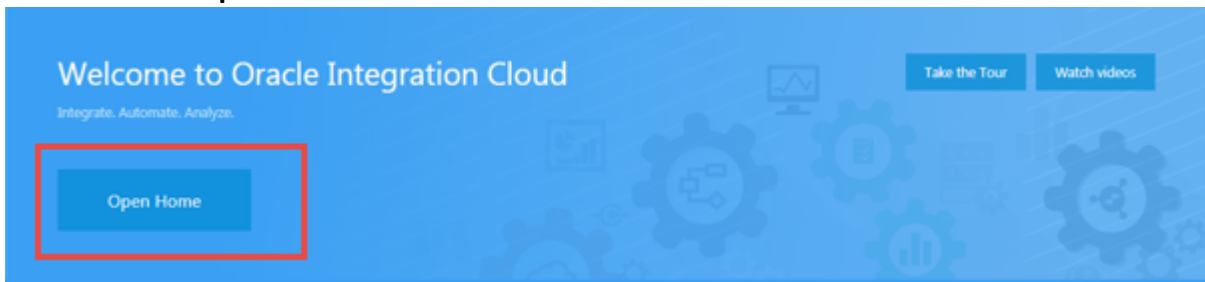
1.8 Click on **Open Service Console** button



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

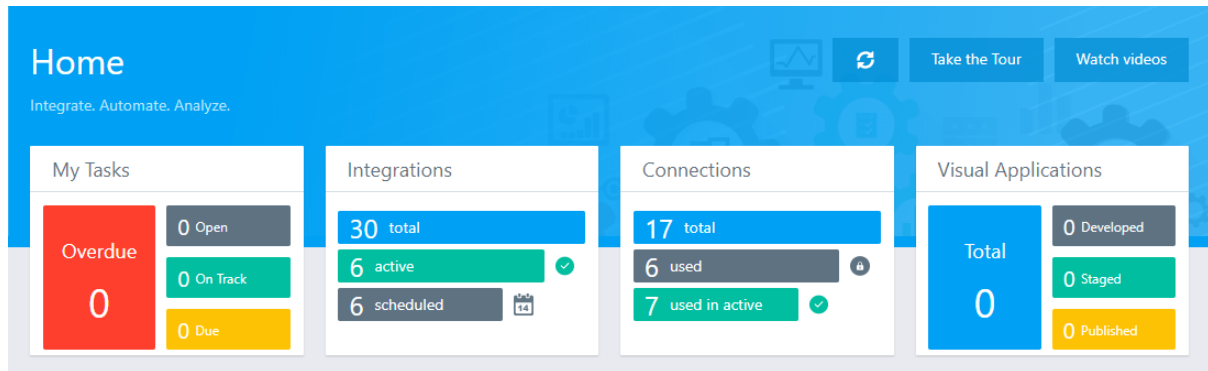


1.10 Click on **Open Home** button



3. IMPORT INTEGRATION PROJECT

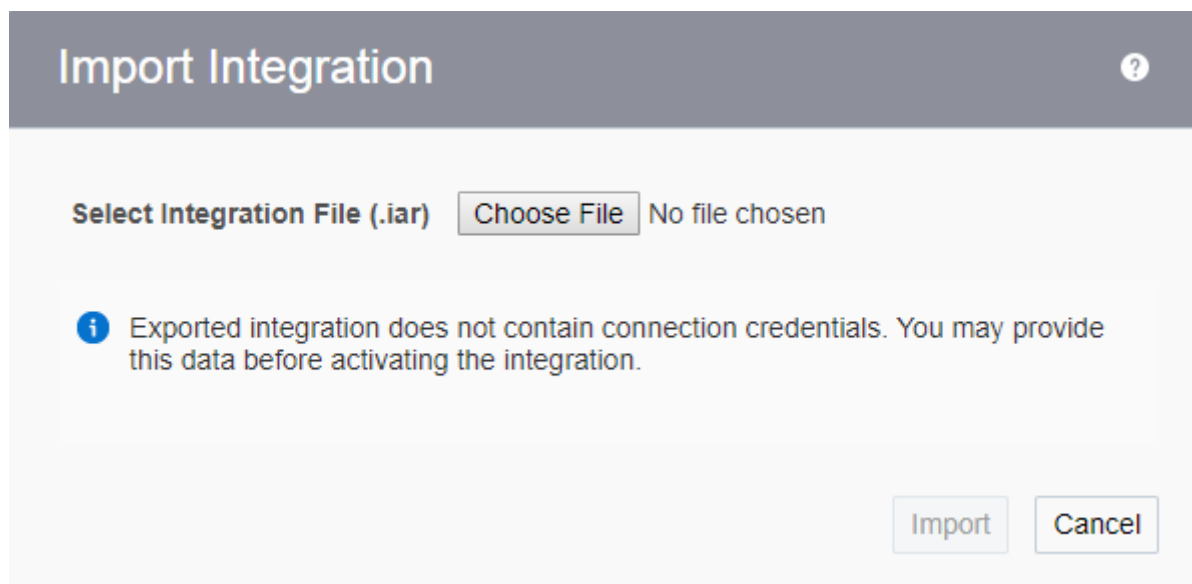
2.1 Click on total integrations button to navigate to integrations home page



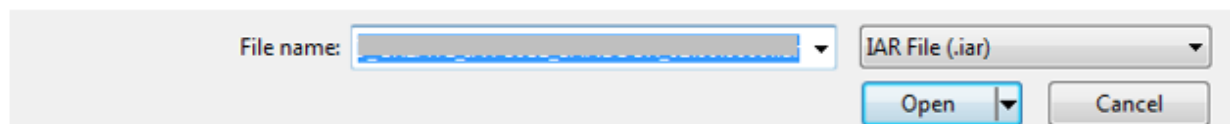
2.2 Click on Import.



2.3 Click on choose file to select the .iar to import



2.4 Select file name



2.5 Click **Import**



Import Integration

Select Integration File (.iar) R....0000.iar

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

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

Integration OK (1.0) was imported successfully

Integrations

Sep 7, 2018 10:47:02 AM UTC

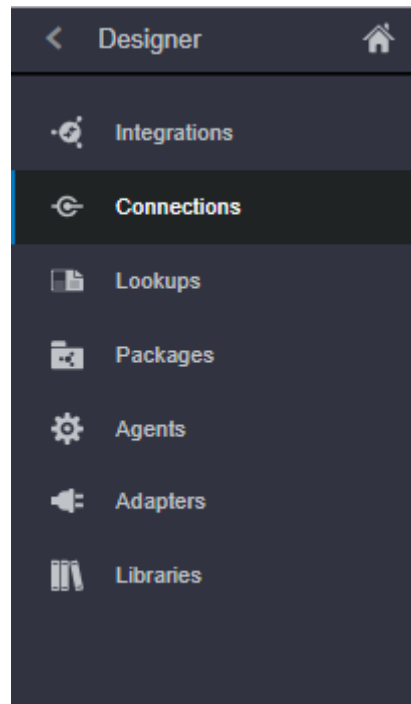
NEW (1.0)

SCHEDULED ORCHESTRATION
sync invoice from SAP B1 to Magento

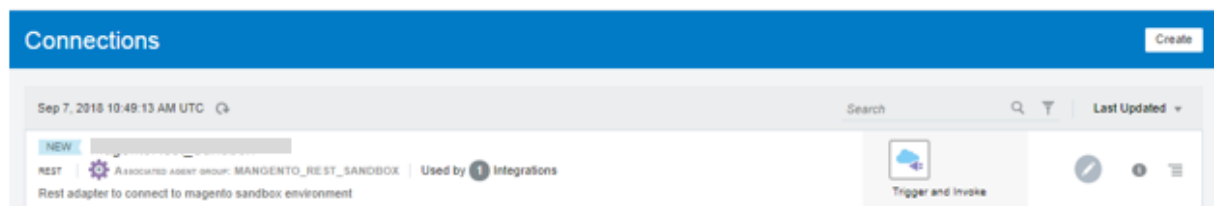
17

☐

4. CONFIGURE CONNECTIONS



3.1 Click on edit icon




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



Shopify Connection Test Close Save

REST Connection 8% Last Saved: Just now

Use this page to configure connection details, such as email contact, connection properties, and connection login credentials. When complete, click Test to test your connection. If the connection test is successful, click Save.




**REST**
Trigger and Invoke

REST Adaptor to establish a connection to Shopify REST service to fetch order details.

Connection Administrator
You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.

Email Address

Connection Properties Configure Connectivity
Click Configure Connectivity to specify information to connect to your application/endpoint and process requests.

	Connection Type
	TLS Version
	Connection URL

- 3.2 Click Configure Connectivity.
- 3.3 Enter the connection details.

Connection Properties

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

Property Name	Property Value
* Connection Type	REST API Base URL
TLS Version	< Please select an item from the list >
* Connection URL	<input type="text"/>

OK Cancel

- 3.4 Click on Configure Security under Security section:
- 3.5 Select No Security Policy from the drop down.



Credentials

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

Security Policy: Basic Authentication

Your application/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

Credentials

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

Security Policy: No Security Policy

OK Cancel

3.6 Click on OK

3.7 Click Test on Top right corner.

Test Close Save

85% Last Saved: 33 minutes ago

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

Connection Connection was tested successfully.

Test Close Save

REST Connection 100% Last Saved: Just now

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

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



NEW

REST

REST Adaptor to establish a connection to Shopify REST service to fetch order details.

Trigger and Invoke

3.11 Click on edit icon

Connections

Create

Sep 7, 2018 10:49:13 AM UTC

Search

Last Updated

NEW

REST

Associated agent group: MANGENTO_REST_SANDBOX

Used by 1 integrations

Rest adaptor to connect to magento sandbox environment

Trigger and Invoke

3.12 Click Configure Connectivity.

3.13 Enter WSDL URL

Connection Properties

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

Property Name	Property Value
* WSDL URL	

OK

Cancel

3.14 Click Configure Security and enter the details.

Credentials

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

Security Policy NetSuite Authentication

Your application/endpoint requires that users and services provide security credentials for access. Specify the login credentials below.

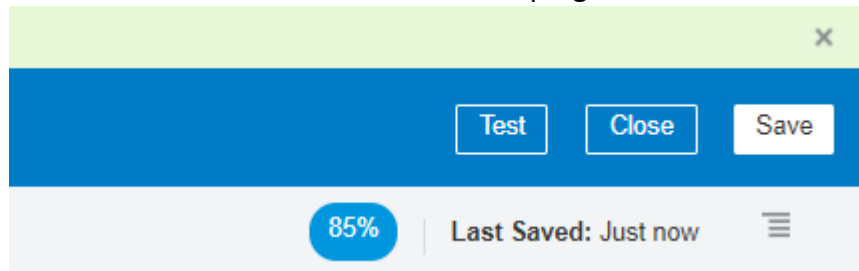
Property Name	Property Value
* Email Address	
* Account	
* Role	
* Password	*****
* Confirm Password	*****
Application Id	

OK

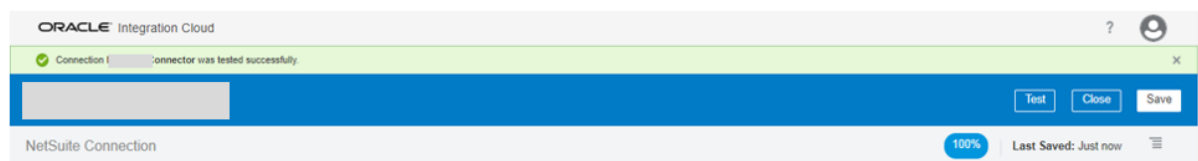
Cancel



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



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



3.17 Click Close to return to Connections main page

3.18 You should see the new NetSuite connector with a green tick mark.





4. ACTIVATE INTEGRATION

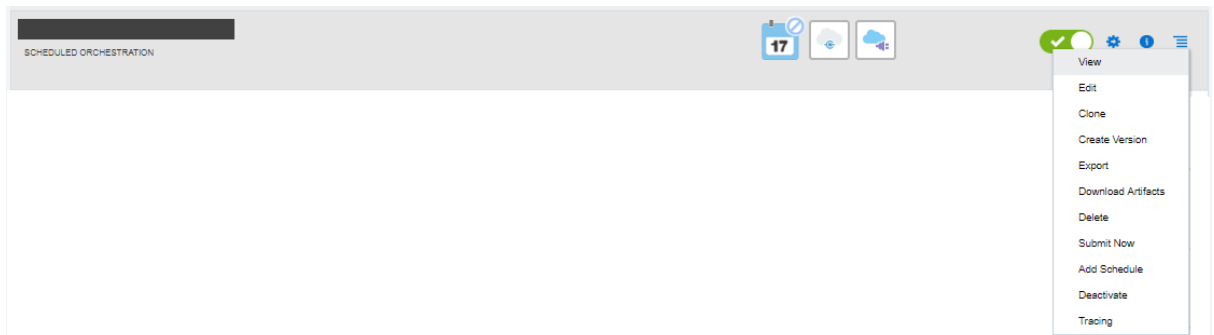
- 4.1 Navigate to integrations home page.
- 4.2 Select the Burger Icon next to the integration and click Activate.



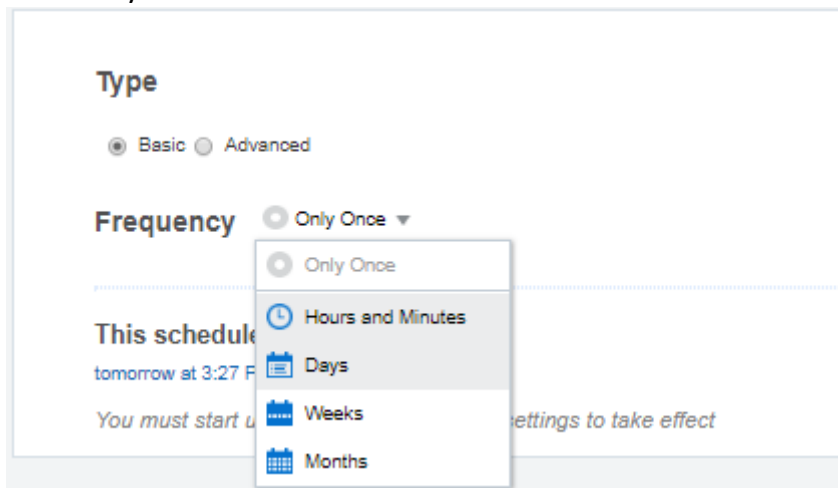


5. SCHEDULE INTEGRATION RUN

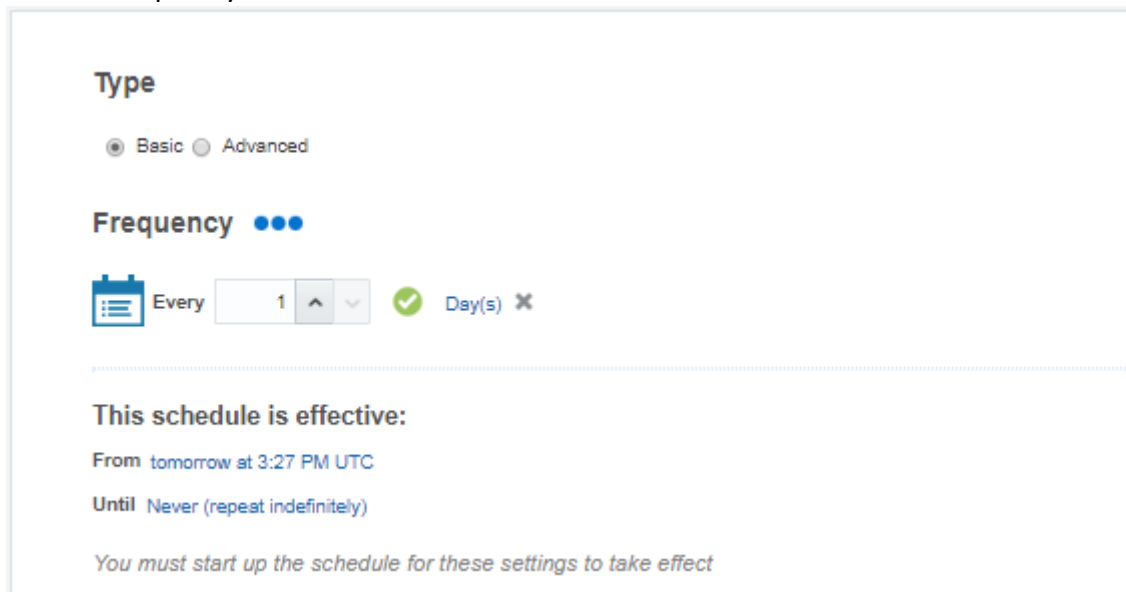
1. Click the Burger Icon next to the integration
2. Select Add Schedule.



3. Click on Only Once
4. Select Days



5. Set the Frequency



6. Click Save and Close



Run [redacted]_01_00_0000 Close Save

7. Click Start Schedule

Schedule for "[redacted]" (1.0)*

Schedule ⓘ Start Schedule

Run [redacted]_01_00_0000 ⋮ ⌵

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

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

Future Runs All Scheduled Manually Submitted Next 24 Hours [redacted] PM UTC ⌵

No runs found within the selected time window.

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

Schedule for "[redacted]" (1.0)*

Schedule ✔ Stop Schedule

Run [redacted]_01_00_0000 ⋮ ⌵

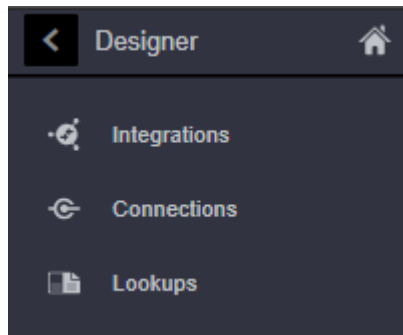
Future Runs All Scheduled Manually Submitted Next 24 Hours [redacted] 3:31:59 PM UTC ⌵

Auto Scheduled Run WAIT Started [redacted] 3:27:16 PM UTC

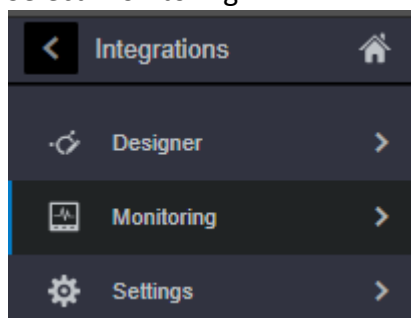


6. TRACK INTEGRATION INSTANCES

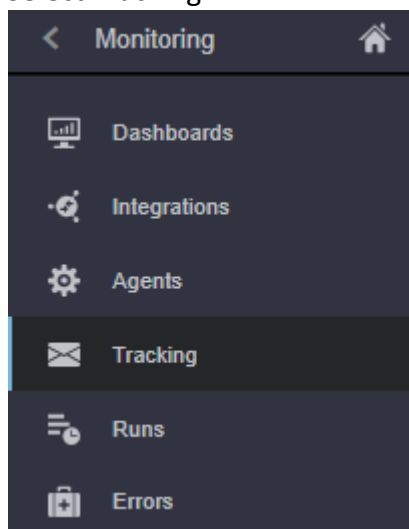
1. Click left arrow next to Designer.



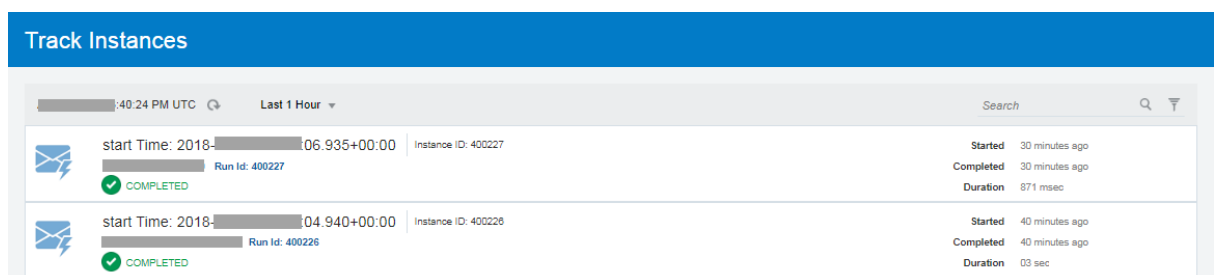
2. Select Monitoring



3. Select Tracking



- 4.





7. CONTACT

Email us at: cloud.solutions@suneratech.com. Or give us a call and speak to one of our experts at: (707) 733-6403.

Visit us online to see our entire solutions portfolio: www.suneratech.com.

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