

SAP S/4HANA Cloud Private Edition with Shopify

Configuration Guide

INCTURE

Get Incremental Data from Shopify to SAP S/4HANA Cloud Private Edition

Configuration Guide

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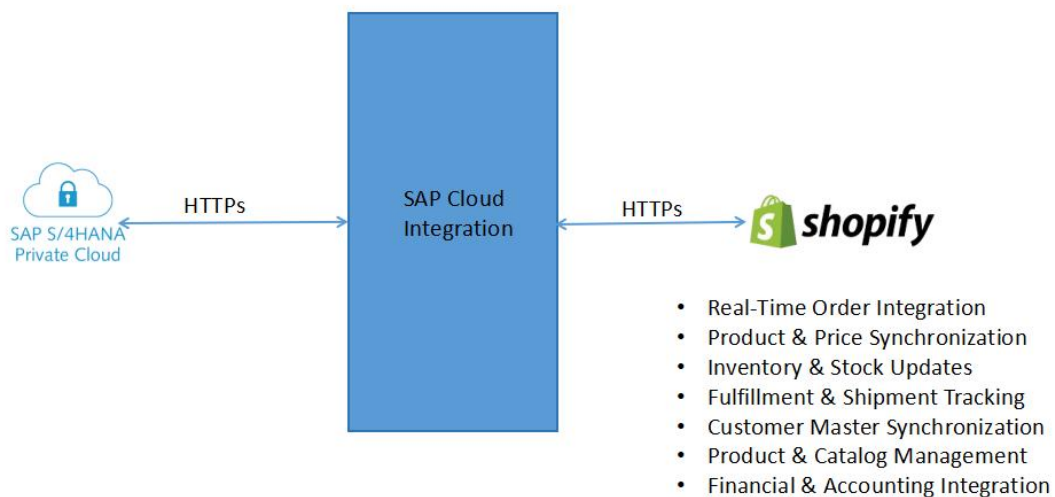
1. Overview

1.1 Introduction

The integration of SAP S/4HANA Cloud Private Edition with Shopify enables seamless data exchange between a modern, scalable e-commerce platform and an enterprise-grade ERP system. This integration supports end-to-end business processes by synchronizing key transactional and master data, improving operational efficiency, data consistency, and real-time visibility across digital commerce and back-office operations. Shopify Integration with SAP S/4HANA Cloud Private Edition package is developed and maintained by Incture.

1.2 Audience

Get Incremental Data from Shopify to SAP S/4HANA Cloud Private Edition guide is intended to be used by both technology and application consultants. Below mentioned diagram highlights most common use cases for targeted audience. Our solution offers query based Incremental update to SAP S/4 HANA Cloud Private Edition from Shopify, to achieve custom requirements and to update data at Shopify from SAP S/4 HANA Cloud Private Edition, reach out to Incture.



1.3 Additional Documentation

[SAP Cloud Integration](#)

[Shopify](#)

[SAP S/4HANA Cloud Private edition](#)

2. Business Scenario

A company uses Shopify as its digital commerce platform to manage online sales and customer interactions, while SAP S/4HANA Cloud Private Edition serves as the central ERP for finance, inventory, and fulfillment. By integrating Shopify with SAP S/4HANA cloud Private Edition, customer orders, product data, pricing, and inventory levels are synchronized automatically, enabling real-time order processing, accurate stock availability, and consistent pricing across channels. This integration streamlines the order-to-cash process, reduces manual effort and errors, and provides end-to-end visibility across e-commerce and back-office operations, resulting in faster fulfillment and an improved customer experience.

3. Prerequisites

- SAP Integration Suite (*with Cloud Integration Capability*) Subscription
- SAP S/4HANA Cloud Private edition
- Shopify
- Security Material for all authentications:
 - o Credential for SAP S/4HANA Cloud Private edition
 - o Shopify Credentials

4. Configuration

4.1 Get Incremental Data from Shopify to SAP S/4HANA Cloud Private Edition IFlow

Parameter	Description / Instruction
MM_GetOrderTransactionData	Message Mapping to transform incremental data into SAP S/4HANA Cloud Private edition Work Order format as per business centric common logic.
PC_SendDataToShopify	To call the LIP_SendDataToShopify
JSON to XML Converter	Converts JSON response received from Shopify API into XML format for internal message mapping and further processing.
Exception_ErrorHandlingProcess	For error handling and calling LIP_ExceptionHandling Process through process call

RequestReply(RR_Shopify_GetTransactionData)	Request Reply call to Shopify API to fetch incremental data using the retrieved token.
CM_SetAccessToken	Content Modifier used to set headers (like access-token) and prepare request payload for API communication.
RequestReply (RR_ExceptionHandling)	Connecting further to common error flow using Process Direct
ProcessDirect	Connects the Address of the common flow for error handling

4.2 Process Description

The main integration process is initiated by an HTTPS request from SAP S/4HANA cloud private edition, which triggers the iFlow. The incoming message is processed through a message mapping step to prepare the request payload, followed by a process call that sends data for further processing. The payload is then transformed from JSON to XML format to meet downstream system requirements before completing the main process. In parallel, a local integration process is used to fetch transactional data from Shopify, where an OAuth access token is first retrieved and then used to securely call Shopify APIs. The response from Shopify is processed and returned to the main flow for further transformation and consumption by SAP S/4HANA Cloud Private Edition. An exception subprocess is embedded within the integration to capture and handle technical or application errors, ensuring controlled termination, and support notification when failures occur.

5. Deployment after Configuration

- Get Incremental Data from Shopify to SAP S/4HANA Cloud Private Edition.
- For Event Driven Integration and Master Data Integration or any customization reach out to Incture.



6. About Us

Product: [Incture](#)

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