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ManWinWin Integration with SAP S/4
HANA Cloud Private Edition Fetch Data
from ManWinWin to Create WorkOrder at
SAP S/4 HANA Cloud Private Edition

Configuration Guide

INCTURE

ManWinWin Integration with SAP S/4 HANA Cloud Private Edition

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1. Overview

1.1 Introduction

This configuration guide describes the necessary configuration to execute the interface delivered in the package, to integrate with ManWinWin, SAP S/4HANA Cloud Private edition and send back SAP S/4HANA Cloud Private edition response of WorkOrder creation back to ManWinWin.

ManWinWin Integration with SAP S/4HANA Cloud Private edition package is developed and maintained by Incture.

1.2 Audience

Fetch Data from ManWinWin to Create WorkOrder at SAP S/4HANA Cloud Private edition Configuration Guide is intended to be used by both technology and application consultants.

1.3 Additional Documentation

SAP Cloud Integration

ManwinWin

SAP S/4HANA Cloud Private edition

2. Business Scenario

A customer feeds in Data at ManWinWin for WorkOrder to be created in SAP S/4HANA Cloud Private edition. SAP Cloud Integration connects to ManWinWin, triggers ManWinWin process to start and retrieve data then manipulates data to Create, Change or Cancel WorkOrder at SAP S/4HANA Cloud Private edition. Once requisition is created, changed or cancelled SAP S/4HANA Cloud Private edition sends back the response which can then be sent back to ManWinWin or required Integration Flow.

3. Prerequisites

- SAP Integration Suite (*with Cloud Integration Capability*) Subscription
- SAP S/4HANA Cloud Private edition

- ManWinWin

- Security Material for all authentications:

  o Credential for SAP S/4HANA Cloud Private edition

  o ManWinWin Credentials

4. Configuration

4.1 Fetch Data from ManWinWin to Create Work Order at SAP S/4 HANA Cloud Private Edition

Parameter	Description / Instruction
Start Timer	Scheduler configuration that triggers the integration flow periodically based on defined frequency to fetch data from the source system.
GS_get_credentials	Groovy script that retrieves credentials from SAP CPI security material for secure API authentication with external systems.
RR_Get_Token	Request Reply step to call ManWinWin API and fetch an authentication token required for subsequent API calls.
CM_Set_Header	Content Modifier used to set HTTP headers (like Authorization, Content-Type) and prepare request payload for API communication.
RR_Get_Works	Request Reply call to ManWinWin API to fetch Work Order or Maintenance Work data using the retrieved token.
Set_Work_Order_Header	Script or transformation step to format and enrich Work Order header details for downstream processing.
RR_Get_workOrders	API call to retrieve detailed Work Order information from ManWinWin system.
JSON to XML Converter	Converts JSON response received from ManWinWin API into XML format for internal message mapping and further processing.
MM_Notification_Creation	Message Mapping step that transforms the incoming ManWinWin XML data into SAP-compatible Notification format.
RR_Notification_Update	Request Reply or RFC call to SAP S/4HANA Cloud Private edition system to update Notification details in SAP.
MM_WorkOrder_Creation	Message Mapping to transform Notification or Work Order data into SAP S/4HANA Cloud Private edition Work Order format as per business logic.

RR_WorkOrder_Update	RFC or SOAP call to SAP S/4HANA Cloud Private edition to update or create Work Order records. This completes the main integration flow.
CM_Set_Body	Set Json Payload with Usercode01 dynamically with Camel expression.
RR_WordOrderUpdate_Back_to_Manwinwin	Http Post call to update Work order number back to ManWinWin
END	End of the Flow

4.2 Process Description

Data is retrieved from ManWinWin as per schedule. We need to get the credentials from security material and needs to set as body and get the token from ManwinWin and set as Authorization header.Once we have the tocken we used to fetch the WordkOrders or Inprogress status with specific Query and Check what are the Work orders got created in last 5 or 10 min based on the requirement. Once we have the WorkOrders of inprogress Once then we used to split the messages and conert messages from JSON to XML. Then we need to map with Notification Creation BAPI of SAP S/4HANA Cloud Private edition and we used send the data to SAP S/4HANA Cloud Private edition to get the Notification number.based on the response we need to do the response mapping to map the Notification number to Usercode 01 To craete work order Creation in SAP S/4HANA Cloud Private edition. Once the WorkOrder number is updated in sap then we used to update the same into ManWinWin by using API in JSON format. Mappings are based on headers initialised. In case of any customisations or implementation of custom logic to implement LookUP for SKU from SAP ECC or SAP S/4HANA Cloud Private edition or to add extra checks and enhance monitoring capability contact Incture for assistance.

5. Deployment after Configuration

- Fetch Data from ManWInWin to Create WorkOrder at SAP S/4HANA Cloud Private edition and Update back to ManWinWin.

6. About Us

Product: Incture

Contact Us: Incture , Integration Support