

Test Script

SAP S/4HANA Cloud Public Edition - 17-12-24

SAP EWM Integration - Customer Returns (2VO_CA)

PUBLIC



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1 Purpose

Overview

The process starts with the creation of a return order and a return delivery in the SAP S/4HANA Cloud Public Edition system. The delivery is then transferred to SAP Extended Warehouse Management (EWM). In SAP EWM, a goods receipt is posted for the delivery and warehouse tasks are created to put the received goods back to the warehouse. The process ends with the confirmation of the warehouse tasks.

This document provides a detailed procedure for testing this scope item after solution activation, reflecting the predefined scope of the solution. Each process step, report, or item is covered in its own section, providing the system interactions (test steps) in a table view. Steps that are not in scope of the process but are needed for testing are marked accordingly. Project-specific steps must be added.

Note Values in this test script (decimal notation, date formats, and so on) are presented in U.S. standard notation. If your test system is set up to use a different notation, enter values as appropriate.

2 Prerequisites

This section summarizes all prerequisites to conduct the test in terms of systems, users, master data, organizational data, other test data and business conditions.

2.1 Additional Manual Configuration

Before you can test this scope item, you must have completed the additional configuration steps that are described in the Set-Up Instructions for this scope item. These configuration steps are specific for your implementation and include mandatory settings that are not delivered by SAP and must be created by you. For more information, follow the link to the document:

<u>Link to Set-Up Instructions</u>

2.2 System Access

System	Details
System	Accessible via SAP Fiori launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role.

2.3 Roles

Create business roles using the following business role templates delivered by SAP and assign them to your individual test users.

Alternatively, if available, you can use the following spaces delivered by SAP. You create a space with pages containing predefined essential apps and assign it to the business role. You then assign this business role to your individual users.

For more information, refer to How to Create a Business Role from a Template in the product assistance for SAP S/4HANA Cloud Public Edition.

Name (Role Template)	ID (Role Template)	Name (Launchpad Space)	ID (Launchpad Space)	Log On
Internal Sales Representative	SAP_BR_INTERNAL_SALES_REP	Internal Sales / Billing / Customer Returns	SAP_BR_INTERNAL_SALES_REP / SAP_SD_SPT_BILLING_INT_SALES_PC / SAP_SD_SPT_RETURNS_INT_SALES_PC	
Shipping Specialist	SAP_BR_SHIPPING_SPECIALIST	Shipping	SAP_BR_SHIPPING_SPECIALIST	

Name (Role Template)	ID (Role Template)	Name (Launchpad Space)	ID (Launchpad Space) Log On	5
Receiving Specialist	SAP_BR_RECEIVING_SPECIALIST	Receiving	SAP_BR_RECEIVING_SPECIALIST	
Inventory Manager	SAP_BR_INVENTORY_MANAGER	Inventory Management	SAP_BR_INVENTORY_MANAGER	<u>-</u>

2.4 Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company has created in your system during activation. The organizational structure reflects the structure of your company. The master data represents materials, customers, and suppliers, for example, depending on the operational focus of your company.

Use your own master data or the following sample data to go through the test procedure.

Data	Sample Value	Details	Comments
Material	TG11	Trading Good for Reg. Trading (MRP planning)	
Sales Organization	2910	Dom. Sales Org	
Plant	2910		
Supply Chain Unit	YWAREHOUSE-2930		
Storage Location	293D		Decentral EWM received on dock.
Storage Location	293S		Decentral EWM available for sales.
Warehouse	293		
EWM Warehouse	2930		
Division	00		
Distribution Channel	00		
Shipping Point	291R		
Payer	29100003	Customer domestic 03	

Data	Sample Value	Details	Comments	
Ship to party	29100003	Domestic CA Customer 3		
Sold to party	29100003	Domestic CA Customer 3		
Ent. To Dispose	29412910			
You can find general information on how to create master data objects in the following Master Data Scripts (MDS):				
Master Data Script		Description		
BNF		Create Product Master of Type "Trading Good"		

2.5 Business Conditions

Before testing this scope item, you have to meet the following business conditions.

Scope Item ID	Business Condition
BNZ - Create New Open MM Posting Period	You have completed the step described in the Create New Open MM Posting Period master data script. Posting Period is up to date.
BDg - Sell from Stock	To run through this scope item, you must already have sold some goods.

3 Overview Table

This scope item consists of several process steps provided in the table below.

Note If your system administrator has enabled spaces and pages on the SAP Fiori launchpad, the homepage will only contain the essential apps for performing the typical tasks of a business role.

You can find all other (searchable) apps not included on the homepage using the search bar (2434549).

If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose App Finder.

Process Step	Business Role	App/Transaction	System	Expected Result
Create Return Order [page] 7	Internal Sales Representative	Create Sales Order (LO_OIF_MAIN_APP)	SAP S/4HANA	The following system message appears: Lean Return Lean Return number has been saved.
Create Return Delivery [page] 8	Shipping Specialist	Create Outbound Deliveries - From Sales Orders (F0869A)	SAP S/4HANA	The following system message appears: Returns Delivery Return delivery number has been saved.
Post Goods Receipt in SAP EWM [page] 9		/SCWM/PRDI	SAP Extended Warehouse Management	The following system message appears: Inbound Delivery number changed.
Check Material Document (Optional) [page] 16	Receiving Specialist	Material Documents Overview (F1077)	SAP S/4HANA	The Delivery Note is equal to the reference Warehouse Material Document from the previous step.
Create Warehouse Tasks for Putaway in SAP EWM [page] 12		/SCWM/TODLV_I	SAP Extended Warehouse Management	The following system message appears: Warehouse order number created.
Putaway of Products in SAP EWM [page] 13		/SCWM/TO_CONF	SAP Extended Warehouse Management	The following system message appears: Warehouse task warehouse task number was confirmed.
Check Return Delivery (Optional) [page] 15	Shipping Specialist	Manage Outbound Deliveries (F0867A)	SAP S/4HANA	In the Overall Status - Delivery table, check that the Overall Goods Movement Status is C Completely processed.
				In the Delivery Item Status (All Items) table, check that the Goods Movement Status for the items is C Completely processed.
Check Material Document (Optional)				

4 Test Procedures

This section describes test procedures for each process step that belongs to this scope item.

4.1 Create Return Order

Purpose

In this activity, you create the return order.

Prerequisites

You must have a reference sales order document according to Sell from Stock (BD9).

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Internal Sales Representative.	The SAP Fiori launchpad displays.	
2	Access the App	Open Create Sales Orders - VAo1 (VA01)	The Create Sales Documents screen displays. Fast Entry	
3	Enter Order Type	On the Create Sales Documents screen, make the following entries: Order Type: CBRE Lean Return Sales Organization: 2910-Dom. Sales Org Distribution channel: 10 - Direct Sales Division: 00 - Product Division 00		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
4	Create Sales Document with Reference	Choose Create with Reference.	The Create with Reference screen appears.	
5	Enter Sales Order Number	On the Order tab, make the following entries: Order: <standard order=""> Enter the sales order number to be referenced.</standard>		
6	Item selection	Choose Item selection.		
7	Сору	On the Standard Order <sales number="" order="">: Selection List for Reference Document screen, select the items to be referenced in which open quantity is not equal to 'o' and choose Copy.</sales>	The Standard Order Sales Order Number: Selection List for Reference Document screen displays.	
8	Enter Order Details	On the Create Lean Return: Overview screen, on the Sales tab, make the following entries: Order Reason: <order reason=""> For example, Poor quality.</order>		
9	Save	Choose Save. Note You can ignore any dialog box.	The following system message appears: Lean Return Lean Return number has saved.	

4.2 Create Return Delivery

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:
Tester Name:		Duration:
Business Role(s):		Responsibility: <state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Purpose

In this step, you create the return delivery.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Shipping Specialist.	The SAP Fiori launchpad displays.	
2	Access the App	Open Create Outbound Delivery - With Order Reference (${\tt VL01N}$) .	The Create Outbound Delivery with Order Reference screen displays.	
3	Search Sales Order	On the Create Outbound Deliveries with Order Reference screen, make the following entries: Shipping Point: Shipping point, for example 291R Selection Date: current date Order: Return Order number created previous-ly	The Delivery Create: Overview screen displays.	
4	Choose Continue	Choose Continue.	The Returns Delivery Create: Overview screen displays.	
5	Display Item Over- view	On the Item Overview tab, make the following entries: SLoc: <storage location="">, for example 293D</storage>		
6	Confirm	Choose Save.	The following system message appears: Returns Delivery <return and="" delivery="" distributed="" numb="" saved="" td="" the="" to="" was="" wms<=""><td>er></td></return>	er>

4.3 Post Goods Receipt in SAP EWM

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:
Tester Name:		Duration:
Business Role(s):		Responsibility: <state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Purpose

The inbound delivery is used as a working object in the inbound delivery process.

You can use this document in delivery processing when executing the following actions:

- Registering the delivery in the yard
- Placing the delivery into stock
- Canceling the "delivery putaway"
- Adjusting the delivery quantity to the quantity posted in the goods receipt (in case of over delivery or under delivery).
- Adjusting the delivery quantity and the transferred quantity

Note In this case, the delivery quantity is adjusted to the quantity posted in the goods receipt. The quantity in the inbound delivery notification is also adjusted and a new inbound delivery is created.

- Posting a goods movement
- Canceling a goods movement
- Creating items
- Deleting items

You can save, validate, and delete an inbound delivery.

Transaction Code	SAP EWM Menu

/SCWM/PRDI SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Inbound Delivery > Maintain Inbound Delivery				
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Maintain Inbound Delivery screen appears.	
2	Choose Default Values (F5).	On the Maintain Inbound Delivery screen, choose Default Values (F5).	The Maintain Inbound Delivery - Warehouse Number dialog box appears.	
3	Check or make the following entries	In the Maintain Inbound Delivery - Warehouse Number dialog box, check or make the following entries: Warehouse No.:2930 Goods Receipt Office: YWAREHOUSE – 2930		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Ent. to Dispose: 29412910		
4	Choose Continue (Enter)	Choose Continue (Enter).		
5	Choose Find Purchase Order	On the Maintain Inbound Delivery screen, from the Find drop-down list choose ERP Document.		
6	Enter purchase order number	Make the following entries: FindERP Document <your delivery="" number="" return=""></your>		
7	Choose Perform Search	Choose Perform Search.	The following system message appears: One document was read. The Return Delivery (Original) appears in the table.	
8	Select the Inbound Delivery.	In the List View, choose Inbound Delivery.		
9	In the Inbound Delivery menu, choose Follow-On Functions > Pack .	In the Inbound Delivery menu, choose Follow-On Functions > Pack .	The Work Center Packing for Inbound Delivery screen appears.	
10	On the Work Center Packing for In- bound Delivery screen, navigate to the Create HU tab	On the Work Center Packing for Inbound Delivery screen, navigate to the Create HU tab.		
11	Enter packaging material	On the Create HU tab, make the following entries: Pack. Material: PMPAL00		
12	On the Create HU tab, choose Execute.	On the Create HU tab, choose Execute.	The following system message appears: HU <number> (PMPAL00) was constructed</number>	
13	Drag and Drop Inbound Delivery Item Node to HU Node.	On the Work Center Packing for Inbound Delivery screen in the tree area, drag the node with your product from the inbound delivery item. Drop it to the node with the HU number you created in the previous step.	The inbound delivery item is packed on the HU.	
14	Choose Save and Go back.	Choose Save and go back.		
15	On the Work Center Packing for Inbound Delivery screen, choose Goods Receipt.	On the Maintain Inbound Delivery screen, choose Goods Receipt.	The following system message appears: Inbound Delivery <number> changed. In the Document Flow tab in the document flow table, a new line with the document category Goods Receipt is added.</number>	

4.4 Create Warehouse Tasks for Putaway in SAP EWM

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Purpose

You can create warehouse tasks manually using the user interface for Putaway for Inbound Delivery.

Procedure

Transaction Code SAP EWM Menu

/SCWM	/SCWM/TODLV_I SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Work Scheduling > Create Warehouse Task for Warehouse Request > Putaway for Inbound Delivery						
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment			
1	Access Transaction	Access the transaction using one of the navigation options above.	The Create Warehouse Task - Warehouse Num Putaway screen appears.	nber Number -			

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
2	Choose Find Purchase Order	On the Create Warehouse Task - Warehouse Number < number> - Putaway screen, from the Find drop-down list choose DLVNO Warehouse Request.		
3	Enter Inbound Delivery Number	Make the following entries: Find Warehouse Request <your 4.3="" delivery="" ewm="" from="" goods="" in="" inbound="" number="" post="" receipt="" sap="" step=""></your>		
4	Choose Perform Search.	Choose Perform Search.	The Warehouse Request appears in the table.	
5	Select the Warehouse Request	On the Warehouse Request tab, choose Warehouse Request.		
6	Choose Create + Save.	On the Warehouse Request tab, choose Create +Save.	The following system message appears:Number ware-house tasks were created	
7	Note down the ware- house order	Note down the warehouse order for testing purposes.		

4.5 Putaway of Products in SAP EWM

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Purpose

You can confirm and save all warehouse tasks in one go, in the background. If you want to change data, you can also confirm individual warehouse tasks manually and then save them, in other words, confirm the individual warehouse tasks in the foreground. The following procedure describes the manual confirmation in the foreground.

Transact	ion Code /SCWI	1/TO_CONF		
SAP EW	M Menu SAP M	enu > SCM Extended Warehouse Management > Extended Warehouse Management > E	xecution > Confirm Warehouse Task	
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Confirm Warehouse Task in Warehouse Number number screen appears.	
2	Choose Find Ware- house Order	On the Confirm Warehouse Task in Warehouse Number number screen, from the Find drop-down list choose Warehouse Order.		
3	Enter warehouse order number	Make the following entries: Find: Warehouse Order your warehouse order number		
4	Choose Perform Search.	Choose Perform Search.	The following system message appears: Selection produced number results The Warehouse Order appears.	
5	Select the Warehouse Order.	In the List View, select Warehouse Order.		
6	Choose Confirm in Foreground	Choose Confirm in Foreground.	The warehouse task(s) appears on the tab Product WT.	
7	Navigate to the Product WT tab	Navigate to the Product WT tab.		
8	Choose the warehouse task(s)	On the Product WT tab in the warehouse task table, choose the warehouse task(s).		
9	Choose Confirm in Foreground	Choose Confirm in Foreground.	The WT Status is updated to Confirmed in Foreground.	
10	Save your entries	Save your entries.	The following system message appears: Warehouse task warehouse task number was confirmed	

4.6 Check Return Delivery (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori launchpad as a Shipping Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Choose Display Outbound Delivery (VL03N).	The Display Outbound Delivery (VL03N) screen appears.	
3	Enter Outbound Delivery	Make the following entries: Outbound Delivery: your return delivery number created in step 4.2 Create Return Delivery	The Delivery Overview screen displays.	
4	Choose Continue	On the Display Outbound Delivery (VL03N) screen, choose Continue.	The Delivery number Display: Overview screen appears.	
5	Navigate to the Status Overview tab	Navigate to the Status Overview tab.		
6	Check that the Overall Goods Movement Status is C Completely processed.	In the Overall Status - Delivery table, check that the Overall Goods Movement Status is C Completely processed.		
7	Check that the Goods Movement Status for the items is C Completely processed.	In the Delivery Item Status (All Items) table, check the Goods Movement Status for the items is C Completely processed.		
8	Choose Document Flow.	On the Return Delivery <number> Display: Overview screen, choose Document Flow.</number>	The Document Flow screen appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
9	Note down the material document number for goods movement type TF SLoc to SLoc.	On the Document Flow screen in the Document column, note down the material document number for goods movement type TF SLoc to SLoc for testing purposes.		

4.7 Check Material Document (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<x.xx></x.xx>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

Purpose

The check step to show you the material document in the SAP S/4HANA system.

Test Step	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1.	Log on	Open the SAP Fiori launchpad with the Inventory Manager role.	The SAP Fiori launchpad is displayed.	
2.	Access the App	Choose Material Documents Overview (F1077).	The Material Documents Overview (F1077) screen appears.	
3.	Change Settings	On the Material Documents Overview (F1077) screen in section Material Documents, choose Settings on the right-hand side.	The View Settings dialog box appears.	

Test Step	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
4.	View Settings	In the View Settings dialog box, choose the column for Goods Movement Type.		
5.	Confirm	Choose OK.		
6.	Enter Selection Data	On top of the screen, make the following entries: Example: Stock Change: TRANSFER POSTING Stock Change Level: Plant Plant: 2910 Material Document: Material Document Number from step Check Return Delivery		
7.	Check the Material Document	Choose Go.	Material documents are listed.	
8.	Check the Storage Location	In the Material Documents table, check that the Storage Location is EWM Int ROD293D.		
9.	Check the Goods Movement Type	In the Material Documents table, check that the Goods Movement Type is TF SLoc to SLoc (411).		

5 Appendix

5.1 Process Integration

The process to be tested in this test script is part of a chain of integrated processes.

5.2 Succeeding Processes

After completing the activities in this test script, you can continue testing the following business processes:

Process	Business Condition
BDD - Lean Customer Returns	After completing the steps in this scope item, you can continue with the Remove Billing Block step from scope item Lean Customer Returns.

Typographic Conventions

Type Style	Description
Example	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<example></example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

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