

Test Script

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

SAP EWM Integration - Batch Management (2VN_CA)

PUBLIC



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Overview

This scope item describes the basic integration of batches in the goods receipt process with SAP Extended Warehouse Management (EWM). It allows you to create batches in the SAP S/4HANA Cloud Public Edition and in the SAP EWM system as required. When creating batches in SAP S/4HANA Cloud Public Edition, the batch master record is distributed to the EWM system. During the creation of a purchase order, the business user can enter the batch number for each purchase order item. Once a purchase order is available, an inbound delivery is created and replicated to the SAP EWM system. The batch number is distributed as part of the delivery item. If you don't assign a specific batch in the purchase order / inbound delivery, you can search for a fitting batch or create a new one in SAP EWM. In this case, the batch data is transferred to the SAP S/4HANA Cloud Public Edition system.

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.

SAP EWM Integration - Batch Management (2VN_CA) Purpose

2 Prerequisites

This section summarizes all the prerequisites for conducting 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
Quality Technician	SAP_BR_QUALITY_TECHNICIAN	Quality Inspection	SAP_BR_QUALITY_TECHNICIAN	
Inventory Manager	SAP_BR_INVENTORY_MANAGER	Inventory Management	SAP_BR_INVENTORY_MANAGER	
Receiving Specialist	SAP_BR_RECEIVING_SPECIALIST	Receiving	SAP_BR_RECEIVING_SPECIALIST	

Name (Role Template)	ID (Role Template)	Name (Launchpad Space)	ID (Launchpad Space)	Log On
Purchaser	SAP_BR_PURCHASER	Purchasing / Sourcing and Contracting	SAP_MM_SPT_PURCHASING_PC / SAP_MM_SPT_SOURCING_PC	
Administrator - Data Replication	SAP_BR_ADMINISTRATOR_DATA_REPL			

2.4 Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company has been 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	TG21	Trad.Good 21,Reorder Point,Batch-FIFO Batch Class: YB_BATCH Batch FIFO (first-in-first-out) Characteristic 1: Batch Number Characteristic 2: Supplier Batch Number	
Plant	2910	Plant 1 CA	
Storage Location	293D	Decentral EWM received on dock	
Storage Location	293S	Decentral EWM available for sales	
Warehouse	293	Decentral EWM-managed warehouse in SAP S/4HANA	
Purchasing Organization	2910	Purch. Org. 2910	
Purchasing Group	001	Group 001	
EWM Warehouse	2930	Decentral EWM warehouse	
Batch Class	YB_BATCH	Batch FIFO (first-in-first-out)	
Characteristic	YB_BATCH_NUMBER	Batch Number	
Characteristic	YB_SUPPLIER_BATCH_NUMBER	Vendor Batch Number	

Data	Sample Value	Details	Comments
Supplier	29300001	Domestic Supplier 1	

You can find general information on how to create master data objects in the following Master Data Scripts (MDS):

MDS Description

BNF Create Product Master of Type "Trading Good"

Note Make sure that the following fields are filled out in business partner (BP) data before start testing:

- State tax Number (identification tab)
- ICMS Contributor (Control tab)
- IPI Contributor (Control tab)
- PIS Contributor (Control tab)
- COFINS Contributor (Control tab)
- ICMS-ST Contributor (Control tab)
- ISS Contributor (Control tab) (mandatory for buying services)

In the Supplier role, on the Vendor: Tax Data tab, fill out the fields accordingly.

Failure to complete the fields result in an error in the invoice entry process.

2.5 Business Conditions

Before this scope item can be tested, the following business conditions must be met.

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.

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 Results
Create Batch [page] 9	Quality Technician	Create Batch (MSC1N)	SAP S/4HANA	The following system message appears: Creating batch number Batch successfully saved.
Create Purchase Order [page] 11	Purchaser	Create Purchase Order - Advanced (ME21N)	SAP S/4HANA	The following system message appears: Standard PO created under the number your PO number.
Create Inbound Delivery [page] 12	Receiving Spe- cialist	Inbound Deliveries for Purchase Orders (VL34)	SAP S/4HANA	The following system message appears: Inbound Delivery your inbound delivery number has been saved
Post Goods Receipt in SAP EWM [page] 13		Maintain Inbound Delivery	SAP Extended Warehouse Management	The following system message appears: Inbound Delivery number changed
Check Material Document After Goods Receipt (Optional) [page] 16	Inventory Manager	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] 17		Putaway for Inbound Delivery	SAP Extended Warehouse Management	The following system message appears: Warehouse order number created
Putaway of Products in SAP EWM [page] 19		Confirm Warehouse Task	SAP Extended Warehouse Management	The following system message appears: Warehouse task warehouse task number was confirmed
Check Inbound Delivery (Optional) [page] 20	Receiving Spe- cialist	Display Inbound Delivery (VL33N)	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 After Putaway (Optional) [page] 22	Inventory Manager	Material Documents Overview (F1077)	SAP S/4HANA	The Delivery Note is equal to the reference Warehouse Material Document from the previous step.

Process Step	Business Role	App/Transaction	System	Expected Results
Batch Information Cockpit - Display Batch (Optional) [page] 23	Quality Techni- cian	Batch Information Cockpit (BMBC)	SAP S/4HANA	The Details (Batch Master) sub screen appears.
Check Physical Stock - Batch After Creation (Optional) [page] 25		Warehouse Management Monitor	SAP Extended Warehouse Management	The Display Batch screen appears.
Batch Information Cockpit - Change Batch (Optional) [page] 26	Quality Techni- cian	Batch Information Cockpit (BMBC)	SAP S/4HANA	The following system message appears: Changing batch your batch number.
Check Physical Stock - After Batch Changes (Optional) [page] 28		Warehouse Management Monitor	SAP Extended Warehouse Management	The Display Batch screen appears.

4 Test Procedures

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

4.1 Option 1: Create Batch in the SAP S/4HANA Cloud Public Edition System

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

You have two options to create batches:

- 1. You create the batch in the SAP S/4HANA Cloud Public Edition system before you create the purchase order (option 1 described here).
- 2. You create the batch in the SAP EWM system when you maintain the inbound delivery (option 2 described later).

4.1.1 Create Batch

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

Even when most batches are automatically created, it is also sometimes necessary to create batches manually. If you create a batch before the creation of a purchase order, you can enter the batch number directly in the purchase order item.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Quality Technician.	The SAP Fiori launchpad displays.	
2	Access the SAP Fiori app	Open Create Batch (MSC1N).	The Create Batch screen appears.	
3	Enter Material and Plant	On the Create Batch screen, make the following entries: MaterialTG21 Plant: 2910		
4	Choose Enter.	Choose Enter.	The Automatic batch number allocation dialog box appears.	
5	In the Automatic batch number assignment dialog box, choose OK.	In the Automatic batch number assignment dialog box, choose OK.	The Basic Data 1 tab appears.	
6	Enter Basic Data 1	On the Basic Data 1 tab, make the following entries: Supplier Batch: 4711-today's date		
7	Navigate to the Classification tab.	Navigate to the Classification tab.	Values for the batch class are displayed: Batch Number: <specific batch="" value=""> Vendor Batch Number: <number at="" batch="" is="" managed="" supplier's="" the="" under="" which=""></number></specific>	
8	Save your entries.	Save your entries.	The following system message appears: Creating batch batch number Batch successfully saved.	
9	Note down the Batch Number.	Note down the batch number.		

4.1.2 Create Purchase Order

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 use the Create Purchase Order - Advanced (ME21N) app to create a new purchase order (PO) from scratch.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori launchpad as a Purchaser.	The SAP Fiori launchpad is displayed.	
2	Access App	Open Create Purchase Order - Advanced (ME21N).	The Create Purchase Order screen appears.	
3	Enter Order Type and Supplier	Make the following entries: Order Type (Purchasing): Standard PO Supplier (F0354): 29300001		
4	Expand Header	Choose Expand Header	Header data is displayed in detail.	
5	Navigate to Org Data Tab	Navigate to the Org. Data tab.		
6	Enter Organizational Data	On the Org. Data tab, make the following entries: Purch. Org.: 2910 Purch. Group: 002		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Company Code: 2910		
7	Expand Items	Choose Expand Items.	The item table appears.	
8	Enter Item	In the Items table, make the following entries: Material: TG21 PO Quantity: 1 PInt: 2910		
9	Enter Storage Location Batch	In the Items table, make the following entries: Stor. Location: 293D Batch: batch number Note Enter the batch number you've created in step Create Batch. Leave the batch number empty if you want to create the batch later in the following step of option 2: Create and Assign Batch in SAP EWM.		
10	Navigate to Confirmations Tab	On the Item Details sub screen, navigate to the Confirmations tab.		
11	Enter Confirmation Control	On the Confirmations tab, make the following entries: Conf. Control: Inbound Delivery.		
12	Save Your Entries	Save your entries.	The following system message appears: Standard PO created under the number <your number="" po=""></your>	
13	Note Down Your Purchase Order Number	Note down your purchase order number for testing purposes.		

4.1.3 Create Inbound 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>

The inbound delivery informs the SAP EWM system about relevant changes and updated data.

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 Receiving Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Open Create Inbound Delivery (VL31N)	The Create Inbound Delivery - Delivery screen appears.	
3	Enter purchase order number	Make the following entries: Purchase Order: <pre> your purchase order number> </pre>		Ic
4	Choose Continue	Choose Continue.	The Inbound Delivery Create: Overview screen appears.	
5	Save your entries	On the Inbound Delivery Create: Overview tab, save your entries.	The following system message appears: Inbound Delivery <number> was saved and distributed to the WMS</number>	

4.1.4 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>

Procedure

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 Ent. to Dispose: 29412910		
4	Choose Continue (Enter).	Choose Continue.		
5	Choose Find Purchase Order	On the Maintain Inbound Delivery screen, from the Find drop down list, choose Purchase Order.		
6	Enter purchase order number	Make the following entries: Find: Purchase Order your purchase order number		
7	Choose Perform Search.	Choose Perform Search.	The following system message appears: One document was read. The Inbound Delivery appears in the table.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
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 Inbound 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	
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.	On the Status tab, the Status Type Packing is set to Completed.	
15	On the Maintain Inbound Delivery screen, choose Check.	On the Maintain Inbound Delivery screen, choose Check.	The following system message appears: Activity was carried out successfully Blocked (Overall Status) It turns to Status Green.	
16	Choose Goods Receipt.	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. On the Status tab, the Status Type Goods Receipt is set to Completed.	

4.1.5 Check Material Document After Goods Receipt (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

Along with populating the warehouse with stock, there is also a financial posting in the SAP S/4HANA system.

The check step is to show you the material document along with its financial posting 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 as a Inventory Manager.	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.	
4	View Settings	In the View Settings dialog box, select the column for Goods Movement Type.		
5	Confirm	Choose OK.		_
6	Enter Selection Data	On top of the screen, make the following entries: Stock Change: STOCK INCREASE Stock Change Level: Plant		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Plant: 2910		
		Storage Location: 293D		
		Test Data Management - Data Migration Content (F2615): TG21		
		Posting Date: the date when you posted the goods receipt in the warehouse.		
7	Check the Material Document	Choose Go.	The material documents are listed.	
8	Note down Material Doc- ument Number	Note down the number of the Material Document Item with Goods Movement Type GR goods receipt (101).		
9	Select Material Document	Choose the SAP S/4HANA Material Document.		
10	Check Delivery Note Field	On the General Information tab, compare the Delivery Note with the reference Warehouse Material Document from the previous step.	The Delivery Note is equal to the reference Warehouse Material Document from the previous step.	
11	Compare Item data	Compare the Item data of the Material Document Item with the item data of the Inbound Delivery Item of the SAP EWM system.	The Item data of the Material Document Item is equal to the item data of the Inbound Delivery Item of the SAP EWM system.	
12	Navigate to the Process Flow tab	Navigate to the Process Flow tab.	The process flow documents are flagged with OK. The Accounting Document is displayed.	

4.1.6 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>

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

Procedure

Transaction Code SAP EWM Menu

/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 Number number - Putaway screen appears.	
2	Open Advanced Search	On the Create Warehouse Task - Warehouse Number number - Putaway screen, choose Open Advanced Search.	The Advanced Search sub screen appears.	
3	Enter purchase order number	On the Advanced Search sub screen in the References section, make the following entries: Purchase Order: <pre>Your purchase order number></pre>		
4	Choose Advanced Search	Choose Advanced Search.	The warehouse request appears in the table.	
5	Choose Close Advanced Search.	Choose Close Advanced Search.		
6	Navigate to Warehouse Request tab.	Navigate to Warehouse Request tab.		
7	Select All.	On the Warehouse Request tab in the table, choose Select All.		
8	Choose Create + Save.	On the Warehouse Request tab, choose Create Warehouse Task.	The following system message appears: <number> warehouse tasks were created</number>	
9	Save your entries	Save your entries.	The following system message appears: Warehouse order <number> created</number>	

Test	Test Step Name	Instruction	Expected Result	Pass / Fail /
Step #				Comment
10	Note down the warehouse order	Note down the warehouse order for testing purposes.		

4.1.7 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 describes the manual confirmation in the foreground.

Procedure

Transaction Code SAP EWM Menu

/SCWM/TO_CONF SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Execution > 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 dropdown 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 on the screen.	
5	Select the Warehouse Order.	In the List View, select the Warehouse Order.		
6	Choose Confirm in Foreground	Choose Confirm in Foreground.	The warehouse task(s) appear on the Product WT tab.	
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, select 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	

4.1.8 Check Inbound 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>

In this step, you check the inbound deliveries in SAP S/4HANA, which were generated as a consequence of the goods receipt processing in SAP EWM.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori launchpad as a Receiving Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Open Display Inbound Delivery (VL33N).	The Display Inbound Delivery (VL33N) screen appears.	
3	Enter Inbound Delivery	On the Display Inbound Delivery (VL33N) screen, make the following entries:		
		<pre>Inbound Delivery: <inbound create="" de-<br="" delivery="" from="" inbound="" number="" step="">livery></inbound></pre>		
4	Choose Continue	On the Display Inbound Delivery (VL33N) screen, choose Continue.	The Inbound 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 that the Goods Movement Status for the items is C Completely processed.		
8	Choose Document Flow.	On the Inbound Deliver <inbound delivery="" number=""> Display overview screen, choose Document Flow.</inbound>	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 the goods movement type TF SLoc to SLoc for testing purposes.		_

4.1.9 Check Material Document After Putaway (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

Along with populating the warehouse with stock, there is also a financial posting in the SAP S/4HANA system.

The check step is to show you the material document along with its financial posting 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 as a Inventory Manager.	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, select the column for Goods Movement Type. Choose Storage Location (Transfer).		
5	Confirm	Choose OK.		
6	Enter Selection Data	On top of the screen, make the following entries: Stock Change: Transfer Posting Stock Change Level: Plant Example: Plant: 2910 Material Documents Overview (F1077): <your document="" from="" material="" previous="" step="" the=""></your>		
7	Check the Material Document	Choose Go.	The material documents are listed.	
8	Select Material Document	Choose the SAP S/4HANA Material Document.	The Material Documents Overview (F1077) screen appears.	
9	Navigate to the Items tab	Navigate to the Items tab.	The Goods Movement Type is TF SLoc to SLoc (411). The Quantity is the amount you confirmed in the putaway before. The Receiving Storage Location is the available for sales storage location EWM Int AFS (103S).	
10	Navigate to the Process Flow tab.	Navigate to the Process Flow tab.	The process flow documents are flagged with OK.	

4.1.10 Batch Information Cockpit - Display Batch (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

Tester Name:	Duration:	
Business Role(s):	Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

With the Batch Information Cockpit (BMBC) app, you can display batches. It provides quick and easy access to batch-relevant information.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Quality Technician.	The SAP Fiori launchpad opens.	
2	Access the SAP Fiori app	Open Batch Information Cockpit (BMBC).	The Batch Information Cockpit screen appears.	
3	Navigate to the Material tab	On the Batch Information Cockpit screen, navigate to the Material tab.		
4	Enter material and plant	On the Material tab, make the following entries: Material: TG21 Plant: 2910		
5	Execute Selection	On the Batch Information Cockpit screen, choose Execute Selection.	The Selection Result for Batches side panel appears.	
6	Expand subtree	In the Selection Result for Batches side panel, choose Expand subtree.	The batch numbers for the current selection are displayed as tree nodes.	
7	Choose one batch	Choose one batch in the Selection Result for Batches side panel.	The Details (Batch Master) sub screen appears.	
8	Navigate to the Basic Data 1 tab.	Navigate to the Classification tab.		
9	Note down batch data	Note down the Classification values. Batch Number Vendor Batch Number		

4.1.11 Check Physical Stock - Batch After Creation (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

After a batch was created in the SAP S/4HANA system, you want to check if the batch was transferred to the SAP EWM system.

Procedure

Access the activity using one of the following navigation options:

Transaction Code Easy Access Menu

(SAP EWM)

/SCWM/MON SCM Extended Warehouse Management > Extended Warehouse Management > Monitoring > Warehouse Management Monitor

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 Warehouse Management Monitor dialog box appears.	
2	Enter warehouse number and monitor	In the Warehouse Management Monitor dialog box, make the following entries: Warehouse Number: 2930 Monitor: SAP		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
3	Choose Execute	In the Warehouse Management Monitor dialog box, choose Execute.	The Warehouse Management Monitor screen appears.	
4	Expand folder Stock and Bin	On the Warehouse Management Monitor screen, expand folder Stock and Bin.		
5	Double-click folder Physical Stock.	On the Warehouse Management Monitor screen, double-click folder Physical Stock.	The /SCM/SAPLSTOCK_OVERVIEW_MON dialog box appears.	
6	Enter product and batch	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, make the following entries: Product (F2773): TG21 Batch: your batch number		
7	Choose Execute	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, choose Execute.	The Physical Stock sub screen appears.	
8	Check batch number	In the Physical Stock sub screen, check that the batch number that you noted down in the SAP S/4HANA system appears in the table.		
9	Choose the batch number in column Batch.	Choose the batch number in column Batch.	The Batch: Display screen appears.	
10	Compare characteristic values	Compare characteristic values with the SAP S/4HANA system. Batch Number Vendor Batch Number	Characteristic values are equal in the SAP S/4HANA system and the SAP EWM system.	

4.1.12 Batch Information Cockpit - Change Batch (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>

With the Batch Information Cockpit (BMBC) app, you can directly call up the batch master for changing and displaying master data, classification data, and the batch where used list containing information about the lifecycle of a batch.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Quality Technician.	The SAP Fiori launchpad opens.	
2	Access the SAP Fiori app	Open Batch Information Cockpit (BMBC).	The Batch Information Cockpit screen appears	
3	Navigate to the Material tab	On the Batch Information Cockpit screen, navigate to the Test Data Management - Data Migration Content (F2615) tab.		
4	Enter material and plant	On the Test Data Management - Data Migration Content (F2615) tab, make the following entries: Test Data Management - Data Migration Content (F2615): TG21 Plant: 2910		
5	Execute Selection	On the Batch Information Cockpit screen, choose Execute Selection.	The Selection Result for Batches side panel appears.	
6	Expand subtree	In the Selection Result for Batches side panel, choose Expand subtree.	The batch numbers for the current selection are displayed as tree nodes.	
7	Choose one batch	Choose one batch in the Selection Result for Batches side panel.	The Details (Batch Master) sub screen appears.	
8	Note down a batch number	Note down a batch number for comparison in the SAP EWM system.		
9	Navigate to the Basic Data 1 tab.	Navigate to the Basic Data 1 tab.		
10	Choose Display - Change.	Choose Display - Change.	Fields get editable.	
11	Change batch data	Change batch data. Supplier Batch: 4712-today's date		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
12	Navigate to the Classification tab.	Navigate to the Classification tab.	Values for the batch class are displayed: Batch Number: <specific batch="" value=""> Vendor Batch Number: <number at="" batch="" is="" managed="" supplier's="" the="" under="" which=""></number></specific>	
13	Save your entries	Save your entries.	The following system message appears: Changing batch <pre><your batch="" number="">.</your></pre>	

4.1.13 Check Physical Stock - After Batch Changes (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

After a batch was changed in the SAP S/4HANA system, you want to check if the change was transferred to the SAP EWM system.

Procedure

Transaction Code Easy Access Menu

(SAP EWM)

/SCWM/MON SCM Extended Warehouse Management > Extended Warehouse Management > Monitoring > Warehouse Management Monitor

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 Warehouse Management Monitor dialog box appears.	
2	Enter warehouse number and monitor	In the Warehouse Management Monitor dialog box, make the following entries: Warehouse Number: 2930 Monitor: SAP		
3	Choose Execute	In the Warehouse Management Monitor dialog box, choose Execute.	The Warehouse Management Monitor screen appears.	
4	Expand folder Stock and Bin	On the Warehouse Management Monitor screen, expand folder Stock and Bin.		
5	Double-click folder Physical Stock.	On the Warehouse Management Monitor screen, double-click folder Physical Stock.	The /SCM/SAPLSTOCK_OVERVIEW_MON dialog box appears.	
6	Enter product and batch	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, make the following entries: Product (F2773): TG21 Batch: <your batch="" number=""></your>		
7	Choose Execute	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, choose Execute.	The Physical Stock sub screen appears.	
8	Check batch number	In the Physical Stock sub screen, check that the batch number that you noted down in the SAP S/4HANA system appears in the table.		
9	Choose the batch number in column Batch.	Choose the batch number in column Batch.	The Batch: Display screen appears.	
10	Compare characteristic values	Compare characteristic values with the SAP S/4HANA system. Batch Number Vendor Batch Number	Characteristic values are equal in the SAP S/4HANA system and the SAP EWM system.	

4.2 Option 2: Create Batch in the SAP EWM System

In this option, you create the batch in the SAP EWM system when you maintain the inbound delivery.

4.2.1 Create Purchase Order

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 use the Create Purchase Order - Advanced (ME21N) app to create a new purchase order (PO) from scratch.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori launchpad as a Purchaser.	The SAP Fiori launchpad is displayed.	
2	Access App	Open Create Purchase Order - Advanced (ME21N).	The Create Purchase Order screen appears.	
3	Enter Order Type and Supplier	Make the following entries: Order Type (Purchasing): Standard PO Supplier (F0354): 29300001		
4	Expand Header	Choose Expand Header	Header data is displayed in detail.	
5	Navigate to Org Data Tab	Navigate to the Org. Data tab.		
6	Enter Organizational Data	On the Org. Data tab, make the following entries: Purch. Org.: 2910 Purch. Group: 002		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Company Code: 2910		
7	Expand Items	Choose Expand Items.	The item table appears.	
8	Enter Item	In the Items table, make the following entries: Material: TG21 PO Quantity: 1 PInt: 2910		
9	Enter Storage Location Batch	In the Items table, make the following entries: Stor. Location: 293D Batch: batch number Note Enter the batch number you've created in step Create Batch. Leave the batch number empty if you want to create the batch later in the following step of option 2: Create and Assign Batch in SAP EWM.		
10	Navigate to Confirmations Tab	On the Item Details sub screen, navigate to the Confirmations tab.		
11	Enter Confirmation Control	On the Confirmations tab, make the following entries: Conf. Control: Inbound Delivery.		
12	Save Your Entries	Save your entries.	The following system message appears: Standard PO created under the number <your number="" po=""></your>	
13	Note Down Your Purchase Order Number	Note down your purchase order number for testing purposes.		

4.2.2 Create Inbound 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>

The inbound delivery informs the SAP EWM system about relevant changes and updated data.

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 Receiving Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Open Create Inbound Delivery (VL31N)	The Create Inbound Delivery - Delivery screen appears.	
3	Enter purchase order number	Make the following entries: Purchase Order: <pre> your purchase order number> </pre>		Ic
4	Choose Continue	Choose Continue.	The Inbound Delivery Create: Overview screen appears.	
5	Save your entries	On the Inbound Delivery Create: Overview tab, save your entries.	The following system message appears: Inbound Delivery <number> was saved and distributed to the WMS</number>	

4.2.3 Create and Assign Batch in SAP EWM - 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>

If the batch is not yet available in SAP EWM as a batch master record, then you can create the batch via the 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 (F ₅).	The Maintain Inbound Delivery - Warehouse Number dialog box appears.	
3	Check or make the following entries	In the Maintain Inbound Delivery - Warehouse Numeber dialog box, check or make the following entries: Warehouse No. 2930 Goods Receipt Office: YWAREHOUSE-2910 Ent. to Dispose:29412910		
4	Choose Continue (Enter)	Choose Continue (Enter).		
5	Choose Find Purchase Order	On the Maintain Inbound Delivery screen, choose Purchase Order from the Finddropdown list.		
6	Enter Purchase Order Number	Make the following entries: Find Purchase order <pre>your purchase order number></pre>		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
7	Choose Perform Search.	Choose Perform Search.		
8	Select the Inbound Delivery.	In the List View, select the Inbound Delivery.		_
9	Navigate to the Items tab.	Navigate to the Items terms tab.		
10	Enter Supplier"s Batch	On the Items tab, make the following entries: Vendor Batch: 4711-today's date		
11	On the Items tab, choose Batches → Create Batch.	On the Items tab, choose Batches → Create Batch.	The system draws a number from the defined number range for batches. The system creates a master record for this batch number. The batch number is displayed in the field Batch.	
12	Note down the Batch Number.	Note down the batch number.		
13	Save your entries.	Save your entries.		

4.2.4 Maintain Batches for Product in SAP EWM (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

You can enter Characteristics Valuations the in SAP EWM for a batch master record, that was created via the inbound delivery.

Procedure

Transaction Code	SAP EWM Menu
/SCWM/WM_BATCH_MAINT	SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Master Data > Product > Maintain Batches for Product

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 Batches for Product screen appears	
2	On the Maintain Batches for Product screen, make entries	On the Maintain Batches for Product screen, make the following entries: Product: TG21 Batch: <batch from="" number="" previous="" step=""></batch>		
3	Choose Change.	On the Maintain Batches for Product screen, choose Change.	The Batch: Change screen appears	
4	On the Batch: Change screen, make entries	On the Batch: Change screen, make the following entries: <characteristic> : <value> Note You can check or change your own characteristic values here if necessary.</value></characteristic>		

4.2.5 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>

Procedure

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 Ent. to Dispose: 29412910		
4	Choose Continue (Enter).	Choose Continue.		
5	Choose Find Purchase Order	On the Maintain Inbound Delivery screen, from the Find drop down list, choose Purchase Order.		
6	Enter purchase order number	Make the following entries: Find: Purchase Order your purchase order number		
7	Choose Perform Search.	Choose Perform Search.	The following system message appears: One document was read. The Inbound Delivery appears in the table.	
8	Select the Inbound Delivery.	In the List View, select the Inbound Delivery.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
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 Inbound 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	
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.	On the Status tab, the Status Type Packing is set to Completed.	
15	On the Maintain Inbound Delivery screen, choose Check.	On the Maintain Inbound Delivery screen, choose Check.	The following system message appears: Activity was carried out successfully Blocked (Overall Status) It turns to Status Green.	-
16	Choose Goods Receipt.	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. On the Status tab, the Status Type Goods Receipt is set to Completed.	

4.2.6 Check Material Document After Goods Receipt (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

Along with populating the warehouse with stock, there is also a financial posting in the SAP S/4HANA system.

The check step is to show you the material document along with its financial posting 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 as a Inventory Manager.	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.	
4	View Settings	In the View Settings dialog box, select the column for Goods Movement Type.		
5	Confirm	Choose OK.		
6	Enter Selection Data	On top of the screen, make the following entries: Stock Change: STOCK INCREASE Stock Change Level: Plant		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Plant: 2910		
		Storage Location: 293D		
		Test Data Management - Data Migration Content (F2615): TG21		
		Posting Date: the date when you posted the goods receipt in the warehouse.		
7	Check the Material Document	Choose Go.	The material documents are listed.	
8	Note down Material Doc- ument Number	Note down the number of the Material Document Item with Goods Movement Type GR goods receipt (101).		
9	Select Material Document	Choose the SAP S/4HANA Material Document.		
10	Check Delivery Note Field	On the General Information tab, compare the Delivery Note with the reference Warehouse Material Document from the previous step.	The Delivery Note is equal to the reference Warehouse Material Document from the previous step.	
11	Compare Item data	Compare the Item data of the Material Document Item with the item data of the Inbound Delivery Item of the SAP EWM system.	The Item data of the Material Document Item is equal to the item data of the Inbound Delivery Item of the SAP EWM system.	
12	Navigate to the Process Flow tab	Navigate to the Process Flow tab.	The process flow documents are flagged with OK. The Accounting Document is displayed.	

4.2.7 Create Warehouse Tasks for Putaway in SAP EWM

Test Administration

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>

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

Procedure

Transaction Code SAP EWM Menu

/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 Number number - Putaway screen appears.	
2	Open Advanced Search	On the Create Warehouse Task - Warehouse Number number - Putaway screen, choose Open Advanced Search.	The Advanced Search sub screen appears.	
3	Enter purchase order number	On the Advanced Search sub screen in the References section, make the following entries: Purchase Order: <your number="" order="" purchase=""></your>		
4	Choose Advanced Search	Choose Advanced Search.	The warehouse request appears in the table.	
5	Choose Close Advanced Search.	Choose Close Advanced Search.		
6	Navigate to Warehouse Request tab.	Navigate to Warehouse Request tab.		
7	Select All.	On the Warehouse Request tab in the table, choose Select All.		
8	Choose Create + Save.	On the Warehouse Request tab, choose Create Warehouse Task.	The following system message appears: <number> warehouse tasks were created</number>	
9	Save your entries	Save your entries.	The following system message appears: Warehouse order <number> created</number>	

Test	Test Step Name	Instruction	Expected Result	Pass / Fail /
Step #				Comment
10	Note down the warehouse	Note down the warehouse order for testing purposes.		

4.2.8 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 describes the manual confirmation in the foreground.

Procedure

Transaction Code SAP EWM Menu

/SCWM/TO_CONF SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Execution > 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 dropdown 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 on the screen.	
5	Select the Warehouse Order.	In the List View, select the Warehouse Order.		
6	Choose Confirm in Foreground	Choose Confirm in Foreground.	The warehouse task(s) appear on the Product WT tab.	
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, select 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	

4.2.9 Check Inbound Delivery (Optional)

Test Administration

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>

In this step, you check the inbound deliveries in SAP S/4HANA, which were generated as a consequence of the goods receipt processing in SAP EWM.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori launchpad as a Receiving Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Open Display Inbound Delivery (VL33N).	The Display Inbound Delivery (VL33N) screen appears.	
3	Enter Inbound Delivery	On the Display Inbound Delivery (VL33N) screen, make the following entries:		
		<pre>Inbound Delivery: <inbound create="" de-<br="" delivery="" from="" inbound="" number="" step="">livery></inbound></pre>		
4	Choose Continue	On the Display Inbound Delivery (VL33N) screen, choose Continue.	The Inbound 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 that the Goods Movement Status for the items is C Completely processed.		
8	Choose Document Flow.	On the Inbound Deliver <inbound delivery="" number=""> Display overview screen, choose Document Flow.</inbound>	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 the goods movement type TF SLoc to SLoc for testing purposes.		_

4.2.10 Check Material Document After Putaway (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

Along with populating the warehouse with stock, there is also a financial posting in the SAP S/4HANA system.

The check step is to show you the material document along with its financial posting 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 as a Inventory Manager.	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, select the column for Goods Movement Type.		
		Choose Storage Location (Transfer).		
5	Confirm	Choose OK.		
6	Enter Selection Data	On top of the screen, make the following entries:		
		Stock Change: Transfer Posting		
		Stock Change Level: Plant		
		Example:		
		Plant: 2910		
		Material Documents Overview (F1077): <pre>your material document from the previous step></pre>		
7	Check the Material Document	Choose Go.	The material documents are listed.	
8	Select Material Document	Choose the SAP S/4HANA Material Document.	The Material Documents Overview (F1077) screen appears.	
9	Navigate to the Items tab	Navigate to the Items tab.	The Goods Movement Type is TF SLoc to SLoc (411).	
			The Quantity is the amount you confirmed in the putaway before.	
			The Receiving Storage Location is the available for sales storage location EWM Int AFS (103S).	
10	Navigate to the Process Flow tab.	Navigate to the Process Flow tab.	The process flow documents are flagged with OK.	

4.2.11 Batch Information Cockpit - Display Batch (Optional)

Test Administration

Tester Name:	Duration:	
Business Role(s):	Responsibility:	<state and="" customer="" joint="" or="" provider="" provider,="" service="" the=""></state>

With the Batch Information Cockpit (BMBC) app, you can display batches. It provides quick and easy access to batch-relevant information.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Quality Technician.	The SAP Fiori launchpad opens.	
2	Access the SAP Fiori app	Open Batch Information Cockpit (BMBC).	The Batch Information Cockpit screen appears.	
3	Navigate to the Material tab	On the Batch Information Cockpit screen, navigate to the Material tab.		
4	Enter material and plant	On the Material tab, make the following entries: Material: TG21 Plant: 2910		
5	Execute Selection	On the Batch Information Cockpit screen, choose Execute Selection.	The Selection Result for Batches side panel appears.	
6	Expand subtree	In the Selection Result for Batches side panel, choose Expand subtree.	The batch numbers for the current selection are displayed as tree nodes.	
7	Choose one batch	Choose one batch in the Selection Result for Batches side panel.	The Details (Batch Master) sub screen appears.	
8	Navigate to the Basic Data 1 tab.	Navigate to the Classification tab.		
9	Note down batch data	Note down the Classification values. Batch Number Vendor Batch Number		

4.2.12 Check Physical Stock - Batch After Creation (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

After a batch was created in the SAP S/4HANA system, you want to check if the batch was transferred to the SAP EWM system.

Procedure

Access the activity using one of the following navigation options:

Transaction Code Easy Access Menu (SAP EWM)

/SCWM/MON SCM Extended Warehouse Management > Extended Warehouse Management > Monitoring > Warehouse Management Monitor

Test	Test Step Name	Instruction	Expected Result	Pass / Fail /
Step #				Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Warehouse Management Monitor dialog box appears.	
2	Enter warehouse number and monitor	In the Warehouse Management Monitor dialog box, make the following entries: Warehouse Number: 2930 Monitor: SAP		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
3	Choose Execute	In the Warehouse Management Monitor dialog box, choose Execute.	The Warehouse Management Monitor screen appears.	
4	Expand folder Stock and Bin	On the Warehouse Management Monitor screen, expand folder Stock and Bin.		_
5	Double-click folder Physical Stock.	On the Warehouse Management Monitor screen, double-click folder Physical Stock.	The /SCM/SAPLSTOCK_OVERVIEW_MON dialog box appears.	
6	Enter product and batch	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, make the following entries: Product (F2773): TG21 Batch: your batch number		
7	Choose Execute	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, choose Execute.	The Physical Stock sub screen appears.	
8	Check batch number	In the Physical Stock sub screen, check that the batch number that you noted down in the SAP S/4HANA system appears in the table.		
9	Choose the batch number in column Batch.	Choose the batch number in column Batch.	The Batch: Display screen appears.	
10	Compare characteristic values	Compare characteristic values with the SAP S/4HANA system. Batch Number Vendor Batch Number	Characteristic values are equal in the SAP S/4HANA system and the SAP EWM system.	

4.2.13 Batch Information Cockpit - Change Batch (Optional)

Test Administration

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>

With the Batch Information Cockpit (BMBC) app, you can directly call up the batch master for changing and displaying master data, classification data, and the batch where used list containing information about the lifecycle of a batch.

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori launchpad	Log on to the SAP Fiori launchpad as a Quality Technician.	The SAP Fiori launchpad opens.	
2	Access the SAP Fiori app	Open Batch Information Cockpit (BMBC).	The Batch Information Cockpit screen appears	
3	Navigate to the Material tab	On the Batch Information Cockpit screen, navigate to the Test Data Management - Data Migration Content (F2615) tab.		
4	Enter material and plant	On the Test Data Management - Data Migration Content (F2615) tab, make the following entries: Test Data Management - Data Migration Content (F2615): TG21 Plant: 2910		
5	Execute Selection	On the Batch Information Cockpit screen, choose Execute Selection.	The Selection Result for Batches side panel appears.	
6	Expand subtree	In the Selection Result for Batches side panel, choose Expand subtree.	The batch numbers for the current selection are displayed as tree nodes.	
7	Choose one batch	Choose one batch in the Selection Result for Batches side panel.	The Details (Batch Master) sub screen appears.	
8	Note down a batch number	Note down a batch number for comparison in the SAP EWM system.		
9	Navigate to the Basic Data 1 tab.	Navigate to the Basic Data 1 tab.		
10	Choose Display - Change.	Choose Display - Change.	Fields get editable.	
11	Change batch data	Change batch data. Supplier Batch: 4712-today's date		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
12	Navigate to the Classification tab.	Navigate to the Classification tab.	Values for the batch class are displayed: Batch Number: <specific batch="" value=""> Vendor Batch Number: <number at="" batch="" is="" managed="" supplier's="" the="" under="" which=""></number></specific>	
13	Save your entries	Save your entries.	The following system message appears: Changing batch <pre><your batch="" number="">.</your></pre>	

4.2.14 Check Physical Stock - After Batch Changes (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

After a batch was changed in the SAP S/4HANA system, you want to check if the change was transferred to the SAP EWM system.

Procedure

Transaction Code Easy Access Menu

(SAP EWM)

/SCWM/MON SCM Extended Warehouse Management > Extended Warehouse Management > Monitoring > Warehouse Management Monitor

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 Warehouse Management Monitor dialog box appears.	
2	Enter warehouse number and monitor	In the Warehouse Management Monitor dialog box, make the following entries: Warehouse Number: 2930 Monitor: SAP		
3	Choose Execute	In the Warehouse Management Monitor dialog box, choose Execute.	The Warehouse Management Monitor screen appears.	
4	Expand folder Stock and Bin	On the Warehouse Management Monitor screen, expand folder Stock and Bin.		
5	Double-click folder Physical Stock.	On the Warehouse Management Monitor screen, double-click folder Physical Stock.	The /SCM/SAPLSTOCK_OVERVIEW_MON dialog box appears.	
6	Enter product and batch	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, make the following entries: Product (F2773): TG21 Batch: <your batch="" number=""></your>		
7	Choose Execute	In the /SCM/SAPLSTOCK_OVERVIEW_MON dialog box, choose Execute.	The Physical Stock sub screen appears.	
8	Check batch number	In the Physical Stock sub screen, check that the batch number that you noted down in the SAP S/4HANA system appears in the table.		
9	Choose the batch number in column Batch.	Choose the batch number in column Batch.	The Batch: Display screen appears.	
10	Compare characteristic values	Compare characteristic values with the SAP S/4HANA system. Batch Number Vendor Batch Number	Characteristic values are equal in the SAP S/4HANA system and the SAP EWM system.	

4.3 Process Integration

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

5 Appendix

5.1 Preceding Processes

You may first have completed the following processes and conditions before you start with the test steps:

Process Business Condition

5.2 Succeeding Processes

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

Process	Business Condition
SAP EWM Integration - Warehouse Stock Handling (2YL)	After you completed the business process of integration batch management, you can continue with internal warehouse processes.
SAP EWM Integration - Outbound Processing to Customer(2VK)	After you completed the business process of integration batch management, you can continue with the outbound to customer process with the batch-managed material.
Direct Procurement with Inbound Delivery(2TX)	After you have completed the business process steps of 2VN: SAP EWM Integration - Batch Management you can continue with the step Create Supplier Invoice of scope item Direct Procurement with Inbound Delivery(2TX).

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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