|  |  |
| --- | --- |
|  |  |
| Test Script  SAP S/4HANA - 18-09-20 | public |
| Decentralized EWM - Ad Hoc Goods Issue (4RQ\_DE) |

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# Purpose

This scope item can be used to post unplanned goods issues without reference to outbound deliveries. It can be used for various use cases such as scrapping, goods issue to another storage location and goods issue for consumption with cost center. For scrapping, you initiate this process by creating a posting change and a warehouse tasks to move the material to be scrapped from the source bin to the scrapping zone. After the physical goods movement is completed, you post the unplanned goods issue.

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.

# 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.

## 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. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) | Log On |
| Warehouse Clerk (EWM) | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Warehouse Office | SAP\_BR\_WAREHOUSE\_CLERK\_EWM |  |
| Warehouse Operative (EWM) | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Warehouse Floor | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM |  |

## Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company have 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 | TG11 | Trading Good for Reg. Trading (MRP planning) | Storage |
| Material | TG12 | Trading Good for Reg. Trading (reorder point planning) | Fixed Bin Storage |
| Material | TG21 | Trad.Good 21,Reorder Point,Batch-FIFO | Bulk Storage |
| Material | RM124 | RAW124,VB,Consumption,FixedBin |  |
| Material | TG0011 | Trading Good 0011,PD,Regular Proc. | General Storage |
| Material | TG0013 | Trad. Good 0013,PD,Regular Proc. | General Storage |
| Packaging Material | PMPALLET | Pallet |  |
| Packaging Material | PMCARTON | Carton |  |
| Packaging Material | PMWIREBASKET | Wire basket |  |
| Packaging Material | PMPALLET\_GTL | Pallet for GTL |  |
| Packaging Material | PMCARTON\_GTL | Carton for GTL |  |
| Packaging Material | PMWIREBASKET\_GTL | Wire basket for GTL |  |
| Company Code | 1010 | Company Code 1010 |  |
| Purchase Organization | 1010 | Purchase Organization 1010 |  |
| Plant | 1010 | Plant 1 DE |  |
| Storage Location | 106S | Storage location for Decentralized EWM OP |  |
| EWM Warehouse | 1060 | Warehouse |  |
| Custodian | 10411010 | Business Partner for Plant 1041 |  |
| Entitled to Dispose | 10411010 | Business Partner for Plant 1041 |  |
| Division | 00 | Product Division 00 |  |
| Distribution Channel | 10 | Direct Sales |  |
| Shipping Point | 1010 | Shipping Point 1010 |  |
| Ship to party | 10100003 | Customer domestic 03 |  |
| Sold to party | 10100003 | Customer domestic 03 |  |
| Carrier | 10300001 | Domestic US Supplier 1 |  |

You can find general information on how to create master data objects in the following [Master Data Scripts (MDS)](https://support.sap.com/content/dam/SAAP/Sol_Pack/BP_OP_ENTPR/BP_OP_ENTPR_S4HANA2020_7_Master_Data_EN_XX.htm) :

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| MDS | Description |
| BNF | Create Product Master of Type "Trading Good" |
| BND | Create Customer Master |
| 2YX | Create Customer-Material Info Record |
| 3KS | Create Warehouse Master Data for Production Supply |
| 3KR | Create Warehouse Storage Bins and Fixed Bin Assignments |
| 3KQ | Create Warehouse Attributes for Material/Product Master |

## Additional Manual Configuration

Before you start the testing, please make sure that the steps in the Warehouse Management Setup Guide.docx (Public) published on SAP Activate Roadmap Viewer have been completed.

# 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 (All Scope Items) | A new posting period was created as part of process BNZ - Create New Open MM Posting Period (Master Data Script).  The posting period is up to date. |
| BH5 - Data Migration to SAP S/4HANA from File or  3BR - Warehouse Inbound Processing (All Scope Items) | You can use the Migration Cockpit for setting up your Warehouse Stock with a provided template.  Alternatively, you can also get stock using scope item Warehouse Inbound Processing (3BR). Scope item 3BR is used as a predecessor for the Ad-hoc Goods Issue. |

# Preliminary Steps

## Define Default Values for Warehouse Clerk (EWM)

Purpose

In this step, you define the default warehouse number for Warehouse Clerk (EWM).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as Warehouse Clerk (EWM). |  |  |
| 2. | Choose App | Choose Warehouse Processing tab page.  Open Fiori Change Inbound Deliveries - Deliveries (F1706). |  |  |
| 3. | Choose the User Icon | Choose the icon for the logon user.  Choose Settings. |  |  |
| 4. | Enter Default Value | Choose Default Parameters.  Make the following entry:  Warehouse Number: 1060  Choose Save. |  |  |

## Define Default Values for Warehouse Operative (EWM)

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the the Fiori Launch Pad as Warehouse Operative (EWM). |  |  |
| 2. | Choose the User Icon | Choose the Icon for the logon user.  Choose Settings. |  |  |
| 3. | Enter Default Value | Choose Default Values.  Make the following entry in the section Material Management:  Warehouse Number: 1060  Choose Save. |  |  |

## Administration of Account Assignment Data

Purpose

In this step, you import the Account Assignment Objects from the backend SAP S/4HANA OP system to the Decentralized EWM system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Decen-tralized EWM system | Log onto the SAP Decentralized EWM system. |  |  |
| 2. | Open Transaction | Open the transaction Administration of Account Assignment Data (/SCWM/ACC\_IMP\_ERP). |  |  |
| 3. | Enter Data | On the Administration of Account Assignment Data screen, make the following entries:  Account Assignment Objects  Party Entitled to Dispose : BP1010  Acct Assignment Cat: 10 – Cost Center  Control Parameters – General  Create :Flag  Test Run : Unflag  Parallel Processing:Flag  Control Parameters – Log  Detailed : Flag  Choose Execute. |  |  |
| 4. | Check Log | Check the log messages. | The message XX account assignment object(s) created is expected to display among the log messages. |  |

# Overview Table

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

|  |  |  |
| --- | --- | --- |
| Process Step | Name (Role) | App / Transaction |
| [Create Ad-hoc Warehouse Tasks (Alternative 1)](#unique_13) [page ] 12 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Warehouse Monitor (/SCWM/MON) |
| [Create Posting Change Warehouse Task for Scrapping (Alternative 2)](#unique_14) [page ] 14 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Warehouse Monitor (/SCWM/MON) |
| [Confirm Warehouse Tasks](#unique_15) [page ] 15 | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Process Warehouse Tasks - Internal Movement (F4289) |
| [Post Ad Hoc Goods Issue to Another Storage Location](#unique_16) [page ] 17 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Post Goods Issue - Unplanned (/SCWM/ADGI) |
| [Post Ad-hoc Goods Issue for Consumption with Cost Center](#unique_17) [page ] 18 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Post Goods Issue - Unplanned (/SCWM/ADGI) |
| [Post Ad-hoc Goods Issue for Scrapping](#unique_18) [page ] 19 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Post Goods Issue - Unplanned (/SCWM/ADGI) |

# Test Procedures

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

Please consider, Ad-hoc Warehouse Tasks can be executed also via the app Create HU Warehouse Tasks which has minor differences in the executable steps.

## Create Ad-hoc Warehouse Tasks (Alternative 1)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is for creating an ad-hoc warehouse task to move stock from a storage type to the final goods issue storage type. This can be required for immediate situations.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as a Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Warehouse Monitor (/SCWM/MON). | The Warehouse Monitor dialog box displays. |  |
| 3. | Enter Default Values | In the Warehouse Management Monitor dialog box, make the following entries:   * Example * Warehouse Number: <your warehouse number, for example 1060> * Monitor: SAP |  |  |
| 4. | Choose Execute | In the Warehouse Management Monitor dialog box, choose Execute. | The Warehouse Management Monitor SAP - Warehouse Number xxx screen appears. |  |
| 5. | Navigate to Available Stock | On the Warehouse Management Monitor SAP - Warehouse Number xxx screen, choose Stock and Bin > Storage Bin > Available Stock . |  |  |
| 6. | Decide your filter criteria | Storage Type: For example S001  Choose Execute. | The Create Product Warehouse Task screen displays. |  |
| 7. | Choose your Stock | Choose one of the stock lines and then More Methods > Create Warehouse Task . | The Create Warehouse Task dialog box, that requests for data, is displayed. |  |
| 8. | Create Warehouse Task | Create the warehouse task and enter the following data:  Src Trgt Qty AUoM (Quantity): For example1  Destination Bin: For example GI-AREA-01  The destination storage type is automatically filled in, for example S920.  Warehouse Process Type: S999  Choose Create WT. | A warehouse task is created which you can see in the display log. A Warehouse Task List is automatically printed in the background.  You must find the open product warehouse task in the monitor node Warehouse Task. Therefore, note down the warehouse task number. |  |
| 9. | Complete the Step | Note down the warehouse task number.  Choose Continue to close the log. Then choose Home or repeat the steps, if required. |  |  |

## Create Posting Change Warehouse Task for Scrapping (Alternative 2)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is for creating ad-hoc warehouse task from a storage type to the scrap area.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as a Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Warehouse Monitor (/SCWM/MON). | The Warehouse Management Monitor dialog box displays. |  |
| 3. | Enter Default Values | In the Warehouse Management Monitor dialog box, make the following entries:   * Example * Warehouse Number: <your warehouse number, for example 1060> * Monitor: SAP |  |  |
| 4. | Choose Execute | In the Warehouse Management Monitor dialog box, choose Execute. | The Warehouse Management Monitor SAP - Warehouse Number xxx screen appears. |  |
| 5. | Navigate to Phy-sical Stock | On the Warehouse Management Monitor SAP - Warehouse Number xxx screen, choose Stock and Bin > Storage Bin > Physical Stock . |  |  |
| 6. | Decide your filter criteria | Storage Type: For example S001  Choose Execute. | The Create Posting Changes screen displays. |  |
| 7. | Choose your Stock | Choose one of the stock lines and More Methods then choose Change Stock Type. | A dialog box requesting data for Change Stock Type is displayed. |  |
| 8. | Enter required data | Stock Type: S6  Qty f. Post. Change (Quantity): For example 1  Warehouse Process Type: S420  Destination Storage Bin: SCRAP-AREA  Destination Storage Type is automatically filled in: For example S840  Choose Create Posting Chg.. | The posting change from F to S and the warehouse order/task are created. Warehouse Task List is printed automatically in the background. |  |
| 9. | Complete the step | Note down the warehouse task number.  Choose Continue to close the log and then choose Home or repeat the steps if required. |  |  |

## Confirm Warehouse Tasks

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

A Putaway List is printed and handed over to the Warehouse Operative (EWM). The user performs the warehouse tasks and confirms them in the system. The Warehouse Clerk (EWM) can also confirm warehouse tasks using the app Warehouse Monitor (/SCWM/MON) (Business Catalog WM - Monitoring).

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 Warehouse Operative (EWM). | The SAP Fiori Launchpad is displayed. |  |
| 2. | Access the SAP Fiori app | Open SAP Fiori app Process Warehouse Tasks - Internal Movement (F4595). | The Confirm Warehouse Tasks screen appears. |  |
| 3. | Enter Warehouse Task Number | On the Process Warehouse Tasks screen, make the following entries:  Choose your Warehouse Task: <Your warehouse task number>.  Choose Go. |  |  |
| 4. | Confirm Warehouse Task | Mark the checkbox for the selected warehouse task and choose Confirm. | The following system message appears: <Warehouse task confirmed>. |  |

## Post Ad-hoc Goods Issue

### Post Ad Hoc Goods Issue to Another Storage Location

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is to post the ad-hoc goods issue to another storage location. This is a succeeding step of the Create Ad Hoc Warehouse Task (Alternative 1).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the SAP Fiori Launch Pad as a Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Post Goods Issue - Unplanned (/SCWM/ADGI). | The Post Goods Issue - Unplanned (/SCWM/ADGI) screen displays. |  |
| 3. | Enter Data | On the Post Unplanned Goods Issue selection screen, make the following entries:  Whse No: 1060  Select Scrap Stock Only: Unflag  GI Process: Storage Location  Storage Location: for example 101A  Choose Execute. | Post Unplanned GI - Warehouse Number 1060 is open. |  |
| 4. | Choose Stock | Select one of the stock lines and then choose Post GI. | The goods issue is posted and has generated a Warehouse Material Document. |  |
| 5. | Complete the step | Choose Continue to close the log. Then select Home or repeat the steps, if required. |  |  |

### Post Ad-hoc Goods Issue for Consumption with Cost Center

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is to post the ad-hoc goods issue for consumption from a cost center. This is a succeeding step of the Create Ad Hoc Warehouse Task (Alternative 1).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as a Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Post Goods Issue - Unplanned (/SCWM/ADGI). | The Post Goods Issue - Unplanned (/SCWM/ADGI) screen displays. |  |
| 3. | Enter Data | On the Post Unplanned Goods Issue selection screen, make the following entries:  Whse No: 1060  Select Scrap Stock Only: Unflag  GI Process: CSMP Consumption  Acct Assignment Cat.: 10 <Cost Center Value.E.g 10101501 - R&D>  Choose Execute. | The Post Unplanned GI - Warehouse Number 1060 is open. |  |
| 4. | Choose Stock | Select one of the stock lines and then choose Post GI. | The goods issue is posted and has generated a Warehouse Material Document. |  |
| 5. | Complete the step | Choose Continue to close the log. Then select Home or repeat the steps, if required. |  |  |

### Post Ad-hoc Goods Issue for Scrapping

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is to post the goods issue for scrapping. This is the succeeding step of the Create Posting Change Warehouse Task for Scrapping (Alternative 2).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as a Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Post Goods Issue - Unplanned (/SCWM/ADGI). | The Post Goods Issue - Unplanned (/SCWM/ADGI) screen displays. |  |
| 3. | Enter Data | Make the following entries:  Whse No: 1060  Select scrap stock only: Flag  GI Process for example Scapping  Choose: Execute. | Post Unplanned GI - Warehouse Number 1060 is open. |  |
| 4. | Choose Stock | Select one of the stock lines and then choose Post GI. | The goods issue is posted and has generated a Warehouse Material Document. |  |
| 5. | Complete the step | Choose Continue to close the log. Then choose Home or repeat the steps, if required. |  |  |

## Appendix

### Process Integration

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

#### Preceding Processes

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

|  |  |
| --- | --- |
| Process | Business Condition |
| Create New Open MM Posting Period (BNZ) | You have completed the step described in the Open New MM Period master data script. The posting period is up to date. |

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> | 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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