|  |  |
| --- | --- |
|  |  |
| Test ScriptSAP S/4HANA - 17-09-20 | public |
| Advanced Available-to-Promise Processing (1JW\_DE) |

Table of Contents

[1 Purpose 3](#_Toc51229515)

[2 Prerequisites 4](#_Toc51229516)

[2.1 System Access 4](#_Toc51229517)

[2.2 Roles 4](#_Toc51229518)

[2.3 Master Data, Organizational Data, and Other Data 5](#_Toc51229519)

[2.4 Business Conditions 6](#_Toc51229520)

[2.5 Preliminary Steps 6](#_Toc51229521)

[2.6 Prerequisites for Checking Availability Against Product Allocation 7](#_Toc51229522)

[2.6.1 Activate Product Allocation Checks in Advanced Available-to-Promise 7](#_Toc51229523)

[2.6.2 Configure Product Allocation 8](#_Toc51229524)

[2.6.3 Manage Product Allocation Planning Data 9](#_Toc51229525)

[2.6.4 Manage Product Allocation Sequences 11](#_Toc51229526)

[2.6.5 Assign Product to Product Allocation 13](#_Toc51229527)

[3 Overview Table 15](#_Toc51229528)

[4 Test Procedures 16](#_Toc51229529)

[4.1 Release for Delivery 16](#_Toc51229530)

[4.1.1 Configure Order Fulfillment Responsibilities 16](#_Toc51229531)

[4.1.2 Release for Delivery 18](#_Toc51229532)

[4.1.2.1 Prepare/Release Sales Orders for Materials Without Availability Issues for Delivery 18](#_Toc51229533)

[4.1.2.2 Identify Most Important Sales Orders for Materials with Availability Issues 19](#_Toc51229534)

[4.1.2.3 Solve Issues by Redistributing Quantities 21](#_Toc51229535)

[4.1.2.4 Release Processed Sales Orders 23](#_Toc51229536)

[4.2 Schedule Deletion of ATP Results Log 25](#_Toc51229537)

# Purpose

The scope item details the process for configuring and checking availability against defined quantities during specific time periods. Furthermore, this scope item enables you to manually prioritize requirements in order documents for materials in limited supply and release them for subsequent delivery.

You can also use this scope item to substitute the originally requested delivery plant in an order document with an alternative plant when an originally requested plant cannot fulfill a requirement in terms of requested quantity or date.

This scope item builds on the features included in Basic Available-to-Promise Processing (2LN).

Details is as follow:

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 |
| Internal Sales Representative | SAP\_BR\_INTERNAL\_SALES\_REP | Internal Sales | SAP\_BR\_INTERNAL\_SALES\_REP |  |
| Order Fulfillment Specialist | SAP\_BR\_ORDER\_FULFILLMNT\_SPCLST | Order Fulfillment Execution | SAP\_BR\_ORDER\_FULFILLMNT\_SPCLST |  |
| Order Fulfillment Manager | SAP\_BR\_ORDER\_FULFILLMNT\_MNGR | Order Fulfillment Management | SAP\_BR\_ORDER\_FULFILLMNT\_MNGR |  |
| Configuration Expert - Business Process Configuration | SAP\_BR\_BPC\_EXPERT | Business Process Configuration | SAP\_BR\_BPC\_EXPERT |  |
| Warehouse Clerk | SAP\_BR\_WAREHOUSE\_CLERK | Inventory Processing | SAP\_BR\_WAREHOUSE\_CLERK |  |
| Administrator | SAP\_BR\_ADMINISTRATOR | Administration | SAP\_BR\_ADMINISTRATOR |  |

## Master Data, Organizational Data, and Other Data

To run through this scope item, the required materials must be available in stock and sales orders must be available. You can achieve this by following the Sell from Stock (BD9) process.

|  |  |  |  |
| --- | --- | --- | --- |
| Master | Value | Details | Comments |
| Material | TG11 | Trading Good for Reg. Trading (MRP planning)No serial number, no batch | See Business Conditions and Preliminary Steps sections. |
| Sold-to Party | 10100004 | Customer domestic 04 | You can test the scope item using the below domestic customer. |
| Ship-to Party | 10100004 | Customer domestic 04 |  |
| Payer | 10100004 | Customer domestic 04 |  |
| Plant | 1010 | Plant 1 DEPlant 2 DE |  |
| Storage Location | 101A | Std. storage 1Std. storage 1 |  |
| Shipping Point | 1010 | Shipping Point 1010Shipping Point 1020 |  |
| Sales Organization | 1010 | Dom. Sales Org |  |
| Distribution Channel | 10 | Direct Sales |  |
| Division | 00 | Product Division 00 |  |

For more information on creating master data objects, see 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

|  |  |
| --- | --- |
| Master Data ID | Description |
| BNF | Create Product Master of Type "Trading Good" |
| BND | Create Customer Master |

## Business Conditions

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

|  |  |
| --- | --- |
| Scope Item | Business Condition |
| BD9 - Sell from Stock | To run through this scope item, the required materials must be available in stock and sales orders must be available.* Run through the Sell from Stock (BD9) process
 |
| 2LN- Basic Available-to-Promise Processing | The steps for* Monitor Availability
* Schedule BOP
* Monitor BOP Run
* Schedule Deletion of ATP Results Log

are also parts of, but are not described anymore in 1JW as they are already described in 2LN. |

## Preliminary Steps

Materials created in the Sell from Stock (BD9) process use checking group SR (Stock and Reliable Receipts).

Optional: Before you can use the product allocation function in aATP, you must first activate product allocation in the self-service configuration and perform the steps detailed in chapter Product Alloction (Optional).

## Prerequisites for Checking Availability Against Product Allocation

### Activate Product Allocation Checks in Advanced Available-to-Promise

Optional: Before you can use the product allocation function in aATP, you must first activate product allocation checks and perform the steps detailed in Prerequisites for Checking Availability Against Product Allocation.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to SAP GUI. |  |  |
| 2 | Access Customizing | Call transaction SPRO and choose SAP Reference IMG. | The SAP Implementation Guide screen displays. |  |
| 3 | Access the Customizing Activity for Activating Product Allocation | On the SAP Customizing Implementation Guide screen, choose Cross-Application Components > Advanced Available-to-Promise (aATP) > Product Allocation (PAL) > Activate Product Allocation . | The Activate Product Allocation screen displays. |  |
| 4 | Activate the Product Allocation Check | Choose Yes in the Activate field. | Yes displays in the Activate field. |  |
| 5 | Confirm the Activation | Choose Save. |  |  |

### Configure Product Allocation

Purpose

In this optional procedure, you define a schema for a product allocation object. The schema of a product allocation object comprises, among others, the ID, and description of the product allocation object, its periodicity, characteristics structure and their hierarchy, the unit of measure for the planned allocation quantity and the date/time type (material availability date, good issue date, or requested delivery date) used for the check against product allocation.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Configure Product Allocation (F2119). | The list report for product allocation objects in the Configure Product Allocation app displays. |  |
| 3 | Create a New Product Allocation Object | Choose Create. | The object page displays and contains some default values. |  |
| 4 | Enter Product Allocation Object Data | On the New Object screen, make the following entries (leave other fields with their default values):* Allocation Object: Product allocation object name
* Object Description: Product allocation object description
* Allocation Quantity Unit: UoM (for example, EA or PC)
* Period Type: Week
 |  |  |
| 5 | Add Characteristics | Choose Add above the Characteristics table. Select the characteristics you would like to use and select OK. For example:* Sales Document > Sales Organization > Sales Organization
* Sales Document > Distribution Channel
* Sales Document > Sales Document Item > Business partners > Ship-To Party > Customer Number
 | The selected characteristics appear in the Characteristics table. |  |
| 6 | Place Characteristics into a Hierarchical Order that Suits the Business Requirement | Use the Move Up and Move Down buttons to place the characteristics you chose into the required order. For example:* Sales Organization
* Distribution Channel
* Ship-To Party – Customer Number
 | The selected characteristics are in the required order. |  |
| 7 | Save Product Allocation Object | Choose Save. | The product allocation object you just created is now in display mode and contains the characteristics you chose. To make more changes, select Edit. |  |

### Manage Product Allocation Planning Data

Purpose

In this optional procedure, you can maintain characteristic value combinations and planned allocation quantities for the time periods of the characteristic value combinations. Characteristic value combinations and the corresponding time series can be maintained by uploading CSV files. The Manage Product Allocation Planning Data app also enables you to change the activation status, the constraint status of the characteristic value combinations of the product allocation object.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager . | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Manage Product Allocation Planning Data (F2121). | The list report for product allocation objects in the Manage Product Allocation Planning Data app displays. |  |
| 3 | Search Product Allocation Object | Enter the name of the product allocation object you created in the previous step in the Allocation Object search field and select Go. | The product allocation object appears in the table of the list report. |  |
| 4 | Select Product Allocation Object | Select the entry for the product allocation object created in the previous step. | The Product Allocation Object object page appears in display mode. The Product Allocation Planning Data table is empty. |  |
| 5 | Edit Product Allocation Object Planning Data | Choose Edit. | The Add, Change Status Change Constraint Status, Delete Download and Upload buttons appear above the Product Allocation Planning Data table. |  |
| 6 | Maintain Characteristic Values and Allocation Quantities | Characteristic values can be maintained manually by choosing Add or by first downloading the product allocation planning data schema, and maintaining the planning data in the CSV file using Microsoft Excel or Notepad and uploading the CSV again.Ensure that you maintain at least one characteristic value combination for the characteristics you have chosen and based on your selected master data (for example, Sales Organization: 1010 , Distribution Channel: 10, Ship-To Party - Customer Number: 10100003) for which you can create sales orders.Ensure that the allocation quantity you maintain per period is not too large. Otherwise, the restricting effect of product allocation on the overall ATP result is not visible. |  |  |
| 7 | Save Product Allocation Object | Choose Save. | The planning data you just created appears in display mode. To make more changes, select Edit. |  |
| 8 | Display Product Allocation Consumption Situation | Select one of the product allocation data records you created and choose Show Consumption. | A bar chart appears: the displayed periods show Planned and Available Quantity entries equal to the quantities you maintained previously. There are no quantity entries for Consumed Quantity. |  |

Remark

After you have performed process steps Manage Product Allocation Sequences and Assign Product to Product Allocation, as well as executed an availability check against product allocation for, for example, a sales order as described in the. Sell from Stock (BD9) process, you can return to the Manage Product Allocation Planning Data app for the product allocation object you created in the previous step and choose Show Consumption again (as described previously).

The Consumption bar chart now displays the Consumed Quantity for the periods which were consumed during the availability check against product allocation because:

* The sales order was created for the characteristics chosen in step 6.
* The sales order item was created for the material and plant you assigned as Material and Plant in process step Assign Product to Product Allocation to the product allocation object from the previous step.
* The requested delivery date for the sales order items falls within the Validity Start and Validity End you maintained in process step Assign Product to Product Allocation.

### Manage Product Allocation Sequences

Purpose

In this optional procedure, you can define product allocation sequences for organizing the consumption strategy of product allocations. The product allocation sequence comprises, among others, the ID, and description of the product allocation sequence, the settings for backward and forward consumption, sequence groups which allow you to efficiently combine product allocation objects as constraints or alternative allocations and set a lead time duration at sequence group constraint level.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Manage Product Allocation Sequences (F2474). | The list report for product allocation sequences in the Manage Product Allocation Sequences app displays. |  |
| 3 | Create a New Product Allocation Sequence | Choose Create. | The object page displays an entry for a sales sequence group as a default. |  |
| 4 | Maintain Header Data for a Product Allocation Sequence | On the New Object screen, make the following entries:* Allocation Sequence: <Product allocation sequence name>
* Description: <Product allocation sequence description>
* Backward Consumption and Forward Consumption: at least 1 for both fields: otherwise only the allocation quantity of the period within which the requested delivery date falls is considered for the availability check again product allocation.
* Consumption Unit: the base unit of measure of the material you chose or any other unit of measure that is convertible into the base unit of measure of that material.
 |  |  |
| 5 | Select Product Allocation Sequence Group | Press the entry for Sequence Group <10> in the Sales Sequence Groups section. | The details of the sales sequence group are displayed, an entry for a constraint is defaulted. |  |
| 6 | Maintain Product Allocation Sequence Group | On the General Information for Group screen, make the following entry* Description: <Product allocation sequence group description>
 |  |  |
| 7 | Select Product Allocation Sequence Group Constraint | Press the entry in the Constraints table. | The details of the sales sequence group constraint are displayed. Some fields from the product allocation sequence group are displayed. |  |
| 8 | Maintain Product Allocation Sequence Group Constraint | On the General Information for Constraint screen, make the following entries:* Description: <Product allocation sequence group constraint description>
* Allocation Object: Select the allocation object you created in step Configure Product Allocation from the dropdown list.
 | The value for Check Data Time Type is taken over from the allocation object. |  |
| 9 | Save Product Allocation Sequence | Choose Apply for the product allocation sequence group constraint.Choose Save for the product allocation sequence. | The product allocation sequence data you just created appears in display mode. To make further changes, choose Edit. |  |

### Assign Product to Product Allocation

Purpose

In this optional procedure, you can assign materials and material-plant combinations to the product allocation sequence you created in process step Manage Product Allocation Sequences. The assignment activates availability checks against product allocation for sales order requirements for the assigned materials and material-plant combinations. The assignment of materials and material-plant combinations is time-dependent and enables you, for example, to react easily to temporary or seasonal fluctuations of supply and demand.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager . | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Assign Product to Product Allocation (F2120). | The list report for product allocation objects in the Assign Product to Product Allocation app displays. |  |
| 3 | Search for a Product Allocation Sequence | Enter the name of the product allocation sequence you created in process step Manage Product Allocation Sequences in the Allocation Sequence search field and select Go. | The product allocation sequences appears in the table of the list report. |  |
| 4 | Select a Product Allocation Object | Select the entry for the product allocation sequence you created in process step Manage Product Allocation Sequence. | The Product Allocation Sequence object page appears in display mode. The Material-Plant Assignments table is empty. |  |
| 5 | Edit Material-Plant Assignment Data for a Product Allocation Sequence | Choose Edit. | The Add and Delete buttons appear above the Material-Plant Assignments table. |  |
| 6 | Maintain Material-Plant Assignments for the Product Allocation Sequence | Choose Add and create an assignment by maintaining the following entries:* Material (for example, TG11 or a material you chose for the sales order in the Sell from Stock (BD9) process, see chapter Master Data, Organizational Data, and Other Data)
* Plant (for example, 1010or a material you chose for the sales order in the Sell from Stock (BD9) process, see chapter Business Conditions)
* Validity Start and Validity End (for example, choose values that ensure that the item requested delivery date of a sales order from the Sell from Stock (BD9) process (see chapter Business Conditions) falls with the validity period)
 |  |  |
| 7 | Save the Material-Plant Assignment for the Product Allocation Sequence | Choose Save. | The material-plant assignment you just created is now in display mode. To make more changes, select Edit. |  |

# Overview Table

This scope item consists of the process steps that are listed in the following table:

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 apps not included on the homepage using the search bar.

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

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/App Name | Expected Results |
| Release for Delivery |
| [Configure Order Fulfillment Responsibilities](#unique_14) [page ] 16 | Order Fulfillment Manager | Configure Order Fulfillment Responsibilities (F2246) |  |
| [Release for Delivery](#unique_15) [page ] 18 |
| [Prepare/Release Sales Orders for Materials Without Availability Issues for Delivery](#unique_16) [page ] 18 | Order Fulfillment Specialist | Release for Delivery (F1786) |  |
| [Identify Most Important Sales Orders for Materials with Availability Issues](#unique_17) [page ] 19 | Order Fulfillment Specialist | Release for Delivery (F1786) |  |
| [Solve Issues by Redistributing Quantities](#unique_18) [page ] 21 | Order Fulfillment Specialist | Release for Delivery (F1786) |  |
| [Release Processed Sales Orders](#unique_19) [page ] 23 | Order Fulfillment Specialist | Release for Delivery (F1786) |  |
| [Schedule Deletion of ATP Results Log](#unique_20) [page ] 25 | Order Fulfillment Specialist | Schedule Deletion of ATP Results Log (F2763) |  |
| Alternative-Based Confirmation (ABC) ATP Processing |
| <#unique_21> | Internal Sales Representative | Manage Sales Orders (F1873) |  |

# Test Procedures

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

## Release for Delivery

### Configure Order Fulfillment Responsibilities

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 process step shows you how to configure order fulfillment responsibilities to enable your order fulfillment specialists to process all the materials for which they are responsible in the Release for Delivery app. This enables you to scope and personalize the work of your order fulfillment specialists and ensures that they only see sales documents and materials for which they are responsible within a specific time period.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Configure Order Fulfillment Responsibilities (F2246). | The List Report screen displays. |  |
| 3 | Check Existing Responsibilities | On the List Report screen, in Editing Status field, choose All, and then choose Go. | A list of existing responsibilities displays. |  |
| 4 | Create Responsibilities for Each Plant | Choose Mass Create. In the Create Multiple Order Fulfillment Responsibilities dialog screen, enter the following values and choose Create Responsibilities:* Split Criterion: Plant
* Default Horizon: 3
 | A responsibility has been created for each plant. |  |
| 5 | Create A Single Responsibility | Press the + button (Create Object). On the New Object screen, enter the following values:* Responsibility Name: for example, TEST\_1JW
* Responsibility Description: for example, Test Responsibility 1JW
* Responsibility Definition: Product Number is equal to 'TG11'
* Default Horizon: 3
 | A single responsibility has been created for the material. |  |
| 6 | Add User Assignment | Choose +. On the General Information screen that appears, enter the following values (leaving other fields with their default values) and choose Add:* Assigned User: <Tester ID of Order Fulfillment Specialist in the system>

Choose Apply |  |  |
| 7 | Save Responsibility | Choose Save. | The responsibility you just created displays with the entries you chose.To make more changes, select Edit. |  |

### Release for Delivery

Purpose

The Release for Delivery app is used to prioritize due sales orders containing materials with limited availability. The app allows you to view the material availability situation of materials for which they are responsible as well as assess the potential financial impact of being unable to fulfill sales orders. This, in combination with other factors, helps you decide how to distribute material quantities between sales orders, before releasing the sales orders for subsequent logistics processes (for example, picking or packing). This manual processing step prevents expensive cancellation and rollback activities that may occur if last minute, high priority sales orders come in, causing conflicts for materials for which quantities are limited.

#### Prepare/Release Sales Orders for Materials Without Availability Issues for Delivery

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 process step shows you how to prepare sales order line items for delivery. The line items for the material-plant combinations do not have availability issues, meaning all requirements can be fulfilled and can be released directly without additional processing.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Order Fulfillment Specialist. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Release for Delivery (F1786). | The Release for Delivery screen displays. |  |
| 3 | Check Prepared Materials | The process status is displayed on the entry screen of the Release for Delivery app.You see three process statuses: Unprepared, Prepared, Released. Navigate to the list of prepared materials. | Several materials have Prepared status.All materials in the list should be fully confirmed. |  |
| 4 | Release Prepared Materials | All material-plant combinations for which you are responsible for as well as those for which have no availability issues should be displayed in the Prepared material list.Mark all the combinations and press the Release for Delivery button. | The released materials vanish from the Prepared list.The corresponding counter displays 0.Note To select all materials simultaneously, use the checkbox in the header line of the table. |  |
| 5 | Check Released Materials | Navigate to the list of Released materials. | The released materials appear in the Released list. |  |
| 6 | Navigate Back | Navigate back to the list of Unprepared materials. | The overview screen lists all unprepared items which still have availability issues.Note This step is preparation for the next process step. |  |

#### Identify Most Important Sales Orders for Materials with Availability Issues

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 process step shows you how to identify material-plant combinations with availability issues.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Order Fulfillment Specialist. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Release for Delivery (F1786). | The Release for Delivery screen displays. |  |
| 3 | Check Unprepared Materials | The process status is displayed on the entry screen of the Release for Delivery (F1786) app.You see three process statuses: Unprepared, Prepared, Released.Navigate to the list of unprepared items. | Several materials have the status Unprepared.All unprepared materials in the list contain at least one sales order requirement with availability issues. Thus, they are not fully confirmed. |  |
| 4 | Navigate to Detail Screen | All material-plant combinations in the list of Unprepared materials have an Impact bar.The Unprepared material list is sorted according to the Impact bar.Navigate to the first material-plant combination as it has the greatest impact. | All sales order items for this material-plant combination display.Note The impact is, by default, based on the relative net value of the material, multiplied by the unconfirmed quantity. |  |
| 5 | Filter Sales Order Items | The header of the sales order item table has both search and sort functions. Use the functions to identify the sales orders with, for example, the highest Delivery Priority. | A list of sales order line items displays, filtered by the selected search criteria. The sorting changes the sequence of the sales order line items according to the chosen sort attribute.Note Undo the filtering by deleting the search criteria. |  |

#### Solve Issues by Redistributing Quantities

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 process step shows you how to redistribute confirmed quantities according to, for example, delivery priority, order type or sold-to party. This procedure builds on the previous procedure.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Order Fulfillment Specialist. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Release for Delivery (F1786). | The Release for Delivery screen displays. |  |
| 3 | Unconfirm A Single Sales Order Line Item | Each row of the sales order line item table contains multiple buttons. You can unconfirm a single sales order line item by choosing Unconfirm in the appropriate line. Choose Unconfirm for a line item with a low Delivery Priority. | The confirmed quantity changes to 0. The bar chart in the page header displays the same quantity as the Available Quantity. |  |
| 4 | Unconfirm Multiple Sales Order Line Items | Choose Unconfirm in the table header line. | The confirmed quantity is for0 all sales order line items. |  |
| 5 | Fully Confirm A Single Sales Order Item | Confirm a single sales order line item by choosing Confirm in the appropriate line. Choose Confirm for a line item with a high Delivery Priority. | If there is sufficient Available Quantity, the line item shows a full confirmation.Note The Confirm button is inactive if there is insufficient quantity to fully confirm a line item. |  |
| 6 | Confirm A Constrained Single Sales Order Item | The maximum possible confirmation of sales order line items can be constrained by the availability at storage location or batch. The constraining elements are displayed in the Constrained By column. Identify a sales order line item with constraints and increase/decrease the confirmation. | The confirmation of sales order line item is changed and the color of the constraining elements in the Constrained By column changes accordingly:* Gray indicates that the item can be confirmed fully.
* Blue indicates that, although additional quantity is available and can be distributed, the item cannot be confirmed fully.
* Yellow indicates that the maximum quantity for the constraining element has been distributed.
* Red indicates that more quantity has been used than is available.

Note The Confirm button is inactive if there is insufficient quantity to fully confirm a line item. The Publish and Back button is inactive when there is more quantity used for a constraining element than available. |  |
| 7 | Protect a Single Sales Order Line Item | Protect a single sales order line item from mass changes by pressing the Protect button in the appropriate line. Press the Protect button for a line item with the highest Delivery Priority. | The Protect button is active.Note Leave the protected line item in this status for the next step. |  |
| 8 | Fully Confirm Multiple Sales Order Items | Filter the sales order line item table to display all items with the highest Delivery Priority. Press the Confirm button in the table header line. | The confirmed quantity is set, starting at the top to bottom of the list. If the Available Quantity is insufficient to fully confirm all filtered line items, the line items near the end of the list will not have full confirmations.Note The protected line item does not change. |  |
| 9 | Repeat | Repeat the previous steps until you are satisfied with the confirmation situation. |  |  |
| 10 | Publish Changes | If you are satisfied with the current confirmation situation of all sales order line items for the current material-plant combination, you can update the underlying sales order documents and proceed with the next material-plant combination. To do this, choose Publish and Back. | The sales order line item list displays the next material-plant combination from the Unprepared list.Repeat this test step.Note When the last material-plant-combination is reached, press Publish and Back. |  |

#### Release Processed Sales Orders

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 process step shows you how to trigger the creation of delivery documents. This is the final procedure step in the Release for Delivery (F1786) app.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Order Fulfillment Specialist. | The SAP Fiori launchpad displays. |  |
| 2 | Assess the App | Open Release for Delivery (F1786). | The Release for Delivery screen displays. |  |
| 3 | Check Prepared Materials | The processing status is displayed on the entry screen of the Release for Delivery (F1786) app. There are three statuses: Unprepared, Prepared, Released. | The Prepared list displays published materials. |  |
| 4 | Release Prepared Materials | Navigate to the Prepared material list. Choose all materials and choose Release for Delivery. | The released materials vanish from the Prepared list. The corresponding counter displays.0Note To select all items simultaneously, use the checkbox in the header line of the table. |  |
| 5 | Check Released Materials | Navigate to the list of Released materials. | The Released list displays released materials. |  |

## Schedule Deletion of ATP Results Log

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 process step shows you how to schedule the deletion of logs created by advanced Available-to-Promise (aATP).

Prerequisites

Before you can delete any logs containing ATP results, at least 1 log has to have been created.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Order Fulfillment Manager. | The SAP Fiori launchpad displays. |  |
| 2 | Access the App | Open Schedule Deletion of ATP Results Log (F2763). | The Application Log (F1487) screen displays. |  |
| 3 | Create a New Job | Choose New.Set the Start Immediately checkbox.For User Name, enter <your user name>.For Older than (Days), enter 1 to delete all log entries which are older than one day.Press Schedule. | A new job is created and will be executed immediately. Any entries for ATP result logs that are older than the entered number of days are deleted. |  |
| 4 | Open Log (Optional) | A log is available when the job finishes. In the list of all scheduled deletion runs, navigate to the log. | The log created during deletion is displayed. |  |

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. |

|  |
| --- |
|  |
| www.sap.com/contactsap |
| © 2020 SAP SE or an SAP affiliate company. All rights reserved.No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty. SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. See [www.sap.com/copyright](http://www.sap.com/copyright) for additional trademark information and notices. |

