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| Test Script  SAP S/4HANA - 18-09-20 | public |
| Transfer of Primary Master Data for SAP Global Trade Services (1WA) |

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# Purpose

Customers can integrate SAP Global Trade Services 11.0 on-premise with SAP S/4HANA to utilize existing rules in SAP Global Trade Services.

This scope item enables the communication scenario and the appropriate RFC calls for synchronizing the primary master data of Customers, Suppliers, and Material Masters.

If you run processes with on-premise version of SAP S/4HANA, the business processes mentioned in test script are only for basic use case and only for testing purpose. For further information on what the scope item can do besides the basic use case which is mentioned in the test script, go to the [SAP Help Portal](https://help.sap.com/viewer/index) and search for SAP Global Trade Services product page. In the Application Help, navigate to the following chapter: System Administration for SAP Global Trade Services > Data Transfer from the Feeder System > Initial Transfer of Master Data .

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

The test is conducted in the following systems:

|  |  |
| --- | --- |
| System | Details |
| SAP S/4HANA System | Accessible via 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 |
| Administrator - International Trade | SAP\_BR\_ADMINISTRATOR\_SLL | International Trade Administration | SAP\_BR\_ADMINISTRATOR\_SLL |  |

## Business Conditions

The business process described in this test script is part of a bigger chain of integrated business processes or scope items. As a consequence, you must have completed the following processes and fulfilled the following business conditions before you are able to start going through this scope item.

Additional configurations in SAP Global Trade Services system:

To enusre success in the master data transfer, you may need to make additional configuration in the SAP Global Trade Services system (for example, the regions in address). These configurations depend on your SAP Global Trade Services system; this is not covered in this document.

If the transfer is not successful, check the application logs in SAP Global Trade Services system to get the error details and then fix it.

## Master Data, Organizational Data, and Other Data

SAP Best Practices Standard Values based on new global template will be used once available. In the table you still see the master data used for the current baseline.

Essential master and organizational data was created in your SAP S/4 HANA system in the implementation phase, such as the data that reflects the organizational structure of your company and master data that suits its operational focus, for example, master data for materials, suppliers, and customers.

This master data usually consists of standardized SAP Best Practices default values, and enables you to go through the process steps of this scope item.

Additional Master Data (Default Values)

You can test the scope item with other SAP Best Practices default values that have the same characteristics.

Check your SAP system to find out which other material master data exists.

Using Your Own Master Data

You can also use customized values for any material or organizational data for which you have created master data. For more information about creating master data, see the Master Data Procedures documentation.

Use the following master data in the process steps described in this document:

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Detail | Comment |
| Supplier | The supplier ID. For example, xx300001 (where xx is the first two digits of your company code) |  |  |
| Customer | The customer ID. For example, xx100001 (where xx is the first two digits of your company code) |  |  |
| Material | TG11 | Trading Good for Reg. Trading |  |

For more information about creating master data, 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) Script documentation.

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| MDS | Description |
| BNE | Create Supplier Master |
| BND | Create Customer Master |
| BNT | Create Product Master of Type "Finished Good" |

# Overview Table

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

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 | Expected Results |
| [Schedule Transfer of Suppliers](#unique_8) [page ] 6 | Administrator - International Trade | Schedule Transfer of Suppliers - Global Trade Services (F1240) | The selected suppliers are transferred to the SAP Global Trade Services system |
| [Schedule Transfer of Customers](#unique_9) [page ] 7 | Administrator - International Trade | Schedule Transfer of Customers - Global Trade Services (F1240) | The selected customers are transferred to the SAP Global Trade Services system. |
| [Schedule Transfer of Products](#unique_10) [page ] 9 | Administrator - International Trade | Schedule Transfer of Products - Global Trade Services (F1240) | The selected products are transferred to the SAP Global Trade Services system. |
| [Check Application Logs for Changed Master Data Transfer (optional)](#unique_11) [page ] 11 | Administrator - International Trade | Application Log for Changed Master Data - Global Trade Services (F1487) | The application logs for the transfer of changed master data are checked. |

# Test Procedures

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

* With the activation of the scope item, the background jobs will be activated as well, which try to trigger the transfer via change points for master data change. That means once you successfully complete the initial transfer, the background jobs will automatically transfer the subsequent data changes.
* These background jobs are scheduled hourly regardless of whether initial transfer is made or not.
* You have no possibility to deactivate or change the transfer rhythm.

## Schedule Transfer of Suppliers

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

In this activity, you transfer the supplier master data to the SAP Global Trade Services system.

Prerequisites

Caution Before you start the test procedure, ensure that the Set-up Instruction Guide of this scope item has been processed to ensure working connectivity between the SAP S/4HANA system and the SAP Global Trade Services system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori launchpad | Log onto the SAP Fiori launchpad using the role Administrator - International Trade. |  |  |
| 2 | Access App | Choose Schedule Transfer of Suppliers - Global Trade Services (F1240). | The Application Jobs screen is displayed. |  |
| 3 | Create Schedule Transfer of Suppliers Background Job | Choose Create. | The New Job screen displays. |  |
| 4 | Template Selection | Make the following entries and choose Step 2:  Job Template: Schedule Transfer of Suppliers - Global Trade Services  Job Name: Schedule Transfer of Suppliers - Global Trade Services |  |  |
| 5 | Scheduling Options | Choose Define Recurrence Pattern.. Make the following entries and choose OK. Then choose Step 3:  Start Immediately: <Select>  Recurrence Pattern: Single Run |  |  |
| 6 | Parameters | Make the following entries and choose Schedule:  Title of Transfer Log: <enter a log description>  Supplier : <supplier ID> | The job is scheduled and shown in the list. |  |

## Schedule Transfer of Customers

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

In this activity, you transfer the customer master data to the SAP Global Trade Services system.

Prerequisites

Caution Before you start the test procedure, ensure that the Set-up Instruction Guide of this scope item has been processed to ensure working connectivity between the SAP S/4HANA system and the SAP Global Trade Services system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori launchpad | Log onto the SAP Fiori launchpad as a Administrator - International Trade. |  |  |
| 2 | Access App | Choose Schedule Transfer of Customers - Global Trade Services (F1240). | The Application Jobs screen is displayed. |  |
| 3 | Create Schedule Transfer of Customers Background Job | Choose Create. | The New Job view displays. |  |
| 4 | Template Selection | Make the following entries and choose Step 2:  Job Template: Schedule Transfer of Customers - Global Trade Services  Job Name: Schedule Transfer of Customers - Global Trade Services |  |  |
| 5 | Scheduling Options | Choose Define Recurrence Pattern. Make the following entries and choose OK. Then choose Step 3:  Start Immediately: <Select>  Recurrence Pattern: Single Run |  |  |
| 6 | Parameters | Make the following entries and choose Schedule:  Title of Transfer Log: <enter a log description>  Customer : <customer ID> | The job is scheduled and displayed in the list. |  |

## Schedule Transfer of Products

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

In this activity, you transfer the product master data to the SAP Global Trade Services system.

Prerequisites

Caution Before you start the test procedure, ensure that the Set-up Instruction Guide of this scope item has been processed to ensure working connectivity between the SAP S/4HANA system and the SAP Global Trade Services system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori launchpad | Log onto the SAP Fiori launchpad using the role Administrator - International Trade. |  |  |
| 2 | Access App | Choose Schedule Transfer of Products - Global Trade Services (F1240). | The Application Jobs screen is displayed. |  |
| 3 | Create Schedule Transfer of Products Background Job | Choose Create. | The New Job view displays. |  |
| 4 | Template Selection | Make the following entries and choose Step 2:  Job Template: Schedule Transfer of Products - Global Trade Services  Job Name: Schedule Transfer of Products - Global Trade Services |  |  |
| 5 | Scheduling Options | Choose Define Recurrence Pattern. Make the following entries and choose OK. Then choose Step 3:  Start Immediately: <Select>  Recurrence Pattern: Single Run |  |  |
| 6 | Parameters | Make the following entries and choose Schedule:  Title of Transfer Log: <Enter the log description>  Material : <Enter a material ID, for example TG11> | The job is scheduled and shown in the list. |  |

## Check Application Logs for Changed Master Data Transfer (optional)

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

The background jobs run automatically to periodically trigger the transfer for the changed master data. If errors occurred during the background job run, application logs are created. In this activity, you check the application logs.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori launchpad | Log onto the SAP Fiori launchpad using the role Administrator - International Trade. |  |  |
| 2 | Access App | Choose Application Log for Changed Master Data - Global Trade Services (F1487). | The Application Jobs screen displays. |  |
| 3 | Check Application Logs | If there are errors during the background job run, the applications logs display.  To filter the log entries, enter the following data and choose Go:  Date From-To: <date range>, for example, today.  Category: /SAPSLL/MD\_GTS\_DIST (keep this value unchanged)  Subcategory: enter one of the following values (/SAPSLL/CREMAS\_DIST for suppliers, /SAPSLL/DEBMAS\_DIST for customers, or/SAPSLL/MATMAS\_DIST for products) |  |  |
| 4 | Log Details | To check the log details, choose the arrow at the end of the row for a log entry. | The application logs for the transfer of changed master data are checked. |  |

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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