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| Test Script  SAP S/4HANA - 31-08-20 | public |
| Treasury Workstation Cash Integration (34P\_DE) |

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# Purpose

Treasury Workstation Cash Integration makes it possible for the SAP S/4HANA treasury workstation, normally set up in a group headquarters, to receive the cash flow data from any remote systems of the subsidiaries. This data is incorporated into the various cash reports (for example, Cash Position, Check Cash Flow Items, and Cash Flow Analyzer) for the cash disposition analysis.

With SAP S/4HANA Cloud or On-premise on either side of the communication, the house bank and account master data can be replicated from one end to the other.

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 |
| Cash Management Specialist | SAP\_BR\_CASH\_SPECIALIST | Cash Management | SAP\_BR\_CASH\_SPECIALIST |  |
| Cash Manager | SAP\_BR\_CASH\_MANAGER | Cash Management | SAP\_BR\_CASH\_MANAGER |  |
| Configuration Expert - Business Network Integration | SAP\_BR\_CONF\_EXPERT\_BUS\_NET\_INT |  |  |  |
| Configuration Expert - Business Process Configuration | SAP\_BR\_BPC\_EXPERT | Business Process Configuration | SAP\_BR\_BPC\_EXPERT |  |

## Master Data, Organizational Data, and Other Data

Default Values

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. These master data represent materials, customers, and vendors, 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.

The business process is enabled with this organization-specific master data, examples are provided in the next section.

Operational Focus

SAP Best Practices delivers standard values for more than one operational focus area, such as Services, Manufacturing, or Trade. This means that you may find more than one master data table below. Use the master data that matches the operational focus of your company (Services, Manufacturing, or Trade).

Note Additional Default Values

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

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

Note 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 on how to create master data, see the Master Data Procedures documentation.

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

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Company Code | 1010 |  | Company code |

## Preliminary Steps

### Define Basic Settings

Use

To use the bank master data integration functions, you must set the Cash Scope of General Setting for Cash Management to Full Scope.

Procedure - On Premise

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to your SAP S/4HANA on-premise system. | The SAP system displays. |  |
| 2 | Access the Customizing Path | IMG Menu path:  SPRO > Financial Supply Chain Management > Cash and Liquidity Management > General Settings > Define Basic Settings | The Change View "General Settings for Cash Management" Details view displays. |  |
| 3 | Define Basic Settings | Make the following entries and choose Save:  Cash Scope: Full Scope |  |  |

# Overview Table

This scope item consists of several process steps provided in the following tables.

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 .

Table 1: Hybrid Bank Account Management

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/App | Expected Results |
| [Replicate House Bank from SAP S/4HANA On-premise to SAP S/4HANA Cloud](#unique_8) [page ] 8 | Cash Management Specialist | Manage Banks (F1574)  DRFOUT | The house bank data is replicated from SAP S/4HANA on-premise to SAP S/4HANA Cloud. |
| [Replicate Bank Account from SAP S/4HANA On-premise to SAP S/4HANA Cloud](#unique_9) [page ] 10 | Cash Management Specialist | Manage Bank Accounts (F1366A)  DRFOUT | The bank account data is replicated from SAP S/4HANA on-premise to SAP S/4HANA Cloud. |
| [Monitor House Bank Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud](#unique_10) [page ] 12 | Configuration Expert - Business Network Integration | Message Dashboard - SAP Application Interface Framework (/AIFX/WDA\_MSG\_MONITOR)/N/AIF/ERR | House bank replication is monitored. |
| [Monitor Bank Account Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud](#unique_11) [page ] 14 | Configuration Expert - Business Network Integration | Message Dashboard - SAP Application Interface Framework (/AIFX/WDA\_MSG\_MONITOR)  /N/AIF/ERR | Bank account replication is monitored. |

# Test Procedures

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

## Hybrid Bank Account Management

### Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud

This chapter describes the procedures for replicating the house bank, bank account, and house bank account data from SAP S/4HANA on-premise to SAP S/4HANA Cloud.

Make sure that the bank data and company code data exist and are identical in both systems.

#### Replicate House Bank from SAP S/4HANA On-premise to SAP S/4HANA Cloud

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. |

Context

In this step, you can replicate the house bank data from SAP S/4HANA on-premise to SAP S/4HANA Cloud.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP on-premise system. |  |  |
| 2 | Replication House Bank Data | In the Command field, enter DRFOUT and press Enter. | The Execute Data Replication view displays. |  |
| 3 | Enter Replication Data | Make the following entries and choose Manual Replication Filter Criteria:  Replication Model: for example, HBHBA\_RM  Outbound Implementation: for example, HBANK\_IMP  Manual: Selected  Note In the SAP S/4HANA on premise system, the replication mode Initialization is used for house bank initial replication. The Change mode is used for changing house bank data. You can select Manual Replication Filter Criteria when you use Initialization or Change Replication Mode in the SAP S/4HANA Cloud system. | The Manual Replication Filter Criteria view displays. |  |
| 4 | Enter Filter Data | Make the following entry and choose Save:  Company code: for example, 1010  Bank key: for example, 99999911  Note Make sure that the company code and bank key exist in both the SAP S/4HANA on-premise and SAP S/4HANA Cloud systems. | The Execute Data Replication view displays. |  |
| 5 | Execute Data Replication | Choose Execute. |  |  |
| 6 | Replication Check | In your cloud system, log on to SAP Fiori launchpad as a Cash Management Specialist. |  |  |
| 7 | Access the SAP Fiori app | Open Manage Banks (F1574). |  |  |
| 8 | Enter Bank Key | Make the following entries and choose Go  Bank Key: 99999911  If the Bank Key filter does not show, choose Adapt Filter. Choose More Filters. Select the Bank Key checkbox and choose OK. | The house bank is replicated to SAP S/4HANA Cloud.  Note Refer to the following Monitor Bank Account Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud procedure to verify the replication message. If the G/L Account or the Account Type is not valid, error notifications display. When that occurs, review the configuration consistency between SAP S/4HANA on-premise and SAP S/4HANA Cloud. |  |

#### Replicate Bank Account from SAP S/4HANA On-premise to SAP S/4HANA Cloud

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. |

Context

In this step, you can replicate bank account data from SAP S/4HANA on-premise to SAP S/4HANA Cloud.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP on-premise system. |  |  |
| 2 | Replication House Bank Data | In the Command field, enter DRFOUT and press Enter. | The Execute Data Replication view displays. |  |
| 3 | Enter Replication Data | Make the following entries and choose Manual Replication Filter Criteria:  Replicate Model: for example, BAMMAST\_RM  Outbound Implementation: for example, BAMMAST  Manual: Selected | The Manual Replication Filter Criteria view displays. |  |
| 4 | Enter Filter Data | Make the following entries and choose Save:  Company code: for example, 1010  Bank Key: for example, 99999911  Note Ensure that the company code and bank key exist in both the SAP S/4HANA on-premise and SAP S/4HANA Cloud systems. | The Execute Data Replication view displays. |  |
| 5 | Execute Data Replication | Choose Execute. |  |  |
| 6 | Replication Check | Log on to SAP Fiori launchpad as a Cash Management Specialist in your cloud system. |  |  |
| 7 | Access the SAP Fiori App | Open Manage Bank Accounts (F1366A). |  |  |
| 8 | Enter Data | Make the following entries and choose Go:  Bank Key: 99999911  Company code: 1010  Note If the Bank Key filter does not show, choose Adapt Filter. Choose More Filters. Select the Bank Key checkbox and the Company Code checkbox and choose OK. | The house bank accounts are replicated to SAP S/4HANA Cloud.  Note Refer to the following Monitor Bank Account Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud procedure to verify the replication message. If the G/L Account or the Account Type is not valid, error notifications display. When that occurs, review the configuration consistency between SAP S/4HANA on-premise and SAP S/4HANA Cloud. |  |

### Monitor Replication

This section describes the procedures for monitoring the house bank, bank account, and house bank account data replication between SAP S/4HANA Cloud and SAP S/4HANA on-premise.

#### Monitor House Bank Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud

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. |

Context

In this step, you can monitor the house bank data replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the SAP S/4HANA On-premise system. |  |  |
| 2 | Enter Transaction | In the Command field, enter /N/AIF/ERR and press Enter. | The Monitoring and Error Handling view displays. |  |
| 3 | Locate Replicate Log | Make the following entries and choose Execute:  Namespace: /FINBA  Generic Selection:  From (Date/Time): for example, <3 days before current date>  To (Date/Time): <current date>  Status Selection:  Choose Select All. |  |  |
| 4 | Check Status | Expand the /FINBA FIN: Bank Account Management node.  Review the status of Outbound Interface for IDOC HBHBAMAST. | If the status of Outbound Interface for IDOC HBHBAMAST is green, the outbound replication execution succeeded in the SAP S/4HANA on-premise system. |  |
| 5 | Log on | Log on to the SAP Fiori launchpad as a Configuration Expert - Business Network Integration in your cloud system. |  |  |
| 6 | Access Fiori App | Open Message Dashboard - SAP Application Interface Framework (/AIFX/WDA\_MSG\_MONITOR). | The Interface Monitor view displays. |  |
| 7 | Locate Replicate Log and Check Status | Choose the date that house bank replication executed.  Expand the /FINBA FIN: Bank Account Management node.  Review the status of Outbound Interface for IDOC HBHBAMAST. | If the status of Inbound Interface for IDOC HBHBAMAST is green, the inbound replication execution succeeded in the SAP S/4HANA Cloud system.  Note Both Outbound Interface for IDOC HBHBAMAST and Inbound Interface for IDOC HBHBAMAST should be green, if replication successfully executed. |  |

#### Monitor Bank Account Replication from SAP S/4HANA On-premise to SAP S/4HANA Cloud

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 step, you can monitor the house bank account data replication from SAP S/4HANA on-premise to SAP S/4HANA Cloud.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the S/4HANA On-premise system. |  |  |
| 2 | Enter Transaction | In the Command field, enter /N/AIF/ERR and press Enter. | The Monitoring and Error Handling screen displays. |  |
| 3 | Locate Replicate Log. | Make the following entries and choose Execute:  Creation Date: for example, 3 days before current date to current date  Status Selection section: Select all checkboxes  Expand the /FINBA FIN: Bank Account Management node.  Review the status of Outbound Interface for IDOC BAMMAST. | If the status of Outbound Interface for IDOC BAMMAST is green, the outbound replication execution succeeded in the SAP S/4HANA on-premise system. |  |
| 4 | Log on | In your cloud system, log on to the SAP Fiori launchpad as a Configuration Expert - Business Network Integration. | The SAP Fiori launchpad displays. |  |
| 5 | Access the SAP Fiori App | Open Message Dashboard - SAP Application Interface Framework (/AIFX/WDA\_MSG\_MONITOR). | The Interface monitor screen displays. |  |
| 6 | Locate Replicate Log. | Choose the date that house bank replication executed.  Expand the /FINBA FIN: Bank Account Management node.  Review the status of Inbound Interface for IDOC BAMMAST. | If the status of Inbound Interface for IDOC BAMMAST is green, the inbound replication execution succeeded in the SAP S/4HANA Cloud system.  Note If replication was successful, both Outbound Interface for IDOC BAMMAST and Inbound Interface for IDOC BAMMAST are green. |  |

# Appendix

## Succeeding Processes

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

|  |  |
| --- | --- |
| Process | Business Condition |
| Advanced Cash Operations (J78) | Review the cash flow items you created by executing the Check Cash Flow Items procedure in this test script. |

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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