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| Test Script  SAP S/4HANA - 21-08-20 | public |
| External Digital Payments (2LZ\_DE) |

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# Purpose

SAP digital payments is a payment hub between payment service providers (PSP) and SAP components, solutions, or applications that need to process incoming credit card or external payments.

The scope item enables the integration between SAP S/4HANA Cloud and SAP digital payments. With this, you can use external payment methods in SAP S/4HANA for incoming payments.

The complete process from payment advice processing via the SAP digital payments application jobs to automatic clearing and the final bank statement upload is covered and automated.

Various payment service providers are supported.

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 |
| Accounts Receivable Accountant | SAP\_BR\_AR\_ACCOUNTANT | Accounts Receivable | SAP\_BR\_AR\_ACCOUNTANT |  |
| General Ledger Accountant | SAP\_BR\_GL\_ACCOUNTANT | General Ledger | SAP\_BR\_GL\_ACCOUNTANT |  |

## Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company has been created in your system during activation. The organizational structure reflects the structure of your company. The master data represents materials, customers, and vendors, for example, depending on the operational focus of your company.

Use your own master data to go through the test procedure. If you have installed an SAP Best Practices baseline package, you can use the following baseline package sample data:

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Company Code | 1010 |  |  |
| G/L Accounts | 12530100, 12530110 |  |  |
| Bank Key | 99999911 Bank 5 - SAMPLE BANK |  |  |

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 |
| BNG | Create G/L Account and Cost Element |

## Business Conditions

Before this test script can be tested, the following business conditions must be met.

|  |  |
| --- | --- |
| Business Condition | Comment |
| Digital Payments (1S2) | Required integration must be enabled using the Setting Up Digital Payments (1S2) setup instructions guide. Follow the activities in the guide before proceeding with this test script. |
| External Customer Payments (2M0) | Complete the procedures for the open invoice to be paid and the set-up of electronic fund transfer for paying before proceeding with this scope item. |

# Overview Table

The External Digital Payments (2LZ) test script 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, Report or Item | Business Role | Transaction/APP | Expected Results |
| [Schedule Accounts Receivable Jobs – Settlement External Payment](#unique_8) [page ] 6 | Accounts Receivable Accountant | Schedule Accounts Receivable Jobs (F2366) | You scheduled the credit card payments. |
| [Schedule Accounts Receivable Jobs - External Payment Method](#unique_9)  [page ] 8 | Accounts Receivable Accountant | Schedule Accounts Receivable Jobs (F2366) | You scheduled the advice processing. |
| [Schedule General Ledger Jobs - Automatic Clearing](#unique_10) [page ] 10 | General Ledger Accountant | Schedule General Ledger Accounting Jobs (F1927) | You scheduled the automatic clearing job. |
| [Display Payment Card Data](#unique_11) [page ] 11 | Accounts Receivable Accountant | Display Payment Card Data (F2935) | You displayed the payment card data. |

# Test Procedures

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

## Schedule Accounts Receivable Jobs – Settlement External Payment

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. |

Use

In this activity, you schedule the settlement of credit card payments.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Accounts Receivable Accountant. |  |  |
| 2 | Access the SAP Fiori app | Open Schedule Accounts Receivable Jobs (F2366). |  |  |
| 3 | Create a New Job | Choose Create. | The New Job view displays. |  |
| 4 | Enter Job Data | Make the following entries and choose Schedule:  General Information section:  Job Template: Payment Card Settlement  Scheduling Option section:  Start Immediately: Selected  Parameter section:  Company Code: 1010  G/L Accounts: 12530110  Data for Clearing Entry section:  Journal Entry Type: SA  Journal Entry Date: <current date>  Posting Date: <current date>  Processing Parameters section:  Update Run: Selected | Your job is created and starts immediately. |  |
| 5 | Review Job Status | When the job is complete, the Application Jobs view displays. Review the job log.  Note The job log only displays when there is a credit card settlement. |  |  |

## Schedule Accounts Receivable Jobs - External Payment Method

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 following procedure provides a description for scheduling accounts receivable jobs for external payment methods.

Prerequisites

The external electronic fund transfer system is configured to integrate with SAP S/4HANA.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as an Accounts Receivable Accountant. |  |  |
| 2 | Access the SAP Fiori App | Open Schedule Accounts Receivable Jobs (F2366). | The Application Jobs view displays. |  |
| 3 | Create a New Job | Choose Create. | The New Job view displays. |  |
| 4 | Enter Job Data | Make the following entries and choose Schedule:  General Information section:  Job Template: SAP Digital Payments: Advice Processing  Scheduling Options section:  Start Immediately: Selected  Parameters section:  Bank Key:99999911  Bank Country: for example DE  Transactions from: for example, <current date - 2>  Transactions to: for example, <current date - 1>  Digital Payment Type: EP  Payment Service Provider Selections section  Payment Service Provider: For example, DPPP  Merchant Alias: Use the value help to choose, for example SHOPEUR  Reconciliation: Deselected  Reconciliation means that the Advice data is only returned once. If you create another run for the same time frame and no additional data was provided by the payment service providers, no advice data is returned. In a situation where data is necessary for SAP S/4HANA (for example, when postings of the advice were wrong and have been reversed), the reconciliation flag is set so all advice data for the date / payment service provider / merchant selection is returned.” | A list of Jobs displays. |  |
| 5 | Review Job Status | Double-click the icon in the Log column. Review the log details in the view that displays.  Note An icon in the Log column only displays if there is incoming advice. |  |  |

## Schedule General Ledger Jobs - Automatic Clearing

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 schedule general ledger jobs for automatic clearing.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a General Ledger Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori app | Open Schedule General Ledger Accounting Jobs (F1927). | The Application Jobs view displays. |  |
| 3 | Create a New Job | Choose Create. | The New Job view displays. |  |
| 4 | Enter Job Data | Make the following entries and choose Schedule:  General Information section  Job Template: Automatic Clearing  Scheduling Options section:  Start Immediately: selected  Parameters section:  General Selections  Select G/L Accounts: selected  G/L Account: 12530100  Company Code: 1010  Clearing date: <current date> | The job is created and started immediately. After the job completes, the Application Jobs view displays. |  |
| 5 | Review Job Status | Review the job log.  Note The job log displays only when there are documents available for automatic clearing. |  |  |

## Display Payment Card Data

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 display payment card data.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Accounts Receivable Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori App | Open Display Payment Card Data (F2935). | The Display Payment Card Data (F2935) view displays. |  |
| 3 | Enter Selection Criteria | Enter the following:  Authorization Date: For example, choose the field help, and from the Time Period dialog box, select Date Range.  Enter: 01/07/2019 - 01/11/2019  Customer: For example, 10100010  Company Code: For example, 1010  and choose Go. | The list of Card Payments displays. |  |
| 4 | Drilldown Display | Choose a row of a journal entry to display detailed payment card data. You can drilldown into the data in the entry details view. | The detailed payment card data for the selected row is displayed on the right side of the view.  Note If there is no settlement for the payment, the Settlement section and Settlement Run section will not be displayed. |  |

# Appendix

## Succeeding Processes

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

|  |  |
| --- | --- |
| Process | Business Condition |
| Basic Cash Operations (BFB) | Follow the procedures for Bank Statements, including the sub-steps, to upload incoming bank statements. |
| Accounting and Financial Close (J58) | Follow the procedures for the Clear G/L Accounts - Manual Clearing (F1579) app |

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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