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| Test Script  SAP S/4HANA - 18-09-20 | public |
| Group Reporting - Predictive Consolidation (3JP) |

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# Purpose

This new functionality allows you to integrate predictive postings from the 0E SAP S/4HANA predictive ledger (for example, those postings derived from sales orders) with the SAP S/4HANA Group Reporting solution. You can run the standard Group Reporting process of validations and methods on this data to produce predictive consolidated results. You can analyze this consolidated data in a delivered P&L report.

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 |
| The user in SAP S/4HANA with the Group Accountant role assigned. | SAP\_BR\_GRP\_ACCOUNTANT | Group Reporting | SAP\_BR\_GRP\_ACCOUNTANT |  |

## Business Conditions

Before this step can be run, the following business conditions must be met.

|  |  |
| --- | --- |
| Scope Item | Business Condition |
| BKP - Accelerated Customer Returns | Must be run before this test script. |
| 1EZ - Credit Memo Processing | Must be run before this test script. |
| 1F1 - Debit Memo Processing | Must be run before this test script. |
| 1WO - Extended Intercompany Processes for Sales | Must be run before this test script. |
| BKA - Free Goods Processing | Must be run before this test script. |
| BDA - Free of Charge Delivery | Must be run before this test script. |
| 1HO - Intercompany Sales Order Processing - Domestic | Must be run before this test script. |
| 1MX - Intercompany Sales Order Processing - International | Must be run before this test script. |
| BKL - Invoice Correction Process with Credit Memo | Must be run before this test script. |
| BDQ - Invoice Correction Process with Debit Memo | Must be run before this test script. |
| BDH - Sales Order Entry with One-Time Customer | Must be run before this test script. |
| BKX - Sales Order Processing - SEPA Direct Debit Handling | Must be run before this test script. |
| BKZ - Sales Order Processing with Invoice List and Collective Billing | Must be run before this test script. |
| BD3 - Sales Processing using Third-Party with Shipping Notification | Must be run before this test script. |
| BDK - Sales Processing using Third-Party without Shipping Notification | Must be run before this test script. |
| BDN - Sales of Non-Stock Item with Order-Specific Procurement | Must be run before this test script. |
| BD9 - Sell from Stock | Must be run before this test script. |
| 1BM - Make-to-Order Production - Semifinished Goods Planning and Assembly | Must be run before this test script. |
| 1YT - Make-to-Order Production with Variant Configuration | Must be run before this test script. |

## Preliminary Steps

Context

Before testing, the following activities are necessary to complete the system settings.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail /Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Group Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori App | Open Map FS Items with G/L Accounts (F3333). | The Map FS Items with G/L Accounts view displays. |  |
| 3 | Verify Map Availability | On the Mapping Revisions table, verify that maps are available with Active status.  If there are no active maps in the table, return to the SAP Fiori launchpad and open Import FS Item Mappings (F3335) and import a file. |  |  |
| 4 | Access the SAP Fiori App | Return to the SAP Fiori launchpad and open Assign FS Item Mappings (F3334) | The Assign FS Item Mappings view displays. |  |
| 5 | Verify Items | Verify that the following values appear in the Items list:  From Period/Year: For example, 001/1900  FS Item Mapping Version: Y10  Consolidation COA: Y1  G/L Chart of Accounts: YCOA  Mapping ID: Y1  Note If the values do not appear, choose New and enter the values on the dialog box and then choose Save. |  |  |
| 6 | Access the SAP Fiori App | Return to the SAP Fiori launchpad and open Consistency Check of Accounting Integration (CX8CCI) | The Consistency Check of Settings for FI Integration view displays. |  |
| 7 | Verify Execution Parameters | Verify that the following values appear in Execution Parameters:  Version: YP1  Cons. COA: Y1  Fiscal Year: For example, 2019 (the year you are testing)  and choose Execute.  Note Please ignore any other error messages unrelated to consolidation units you tested.. | The missing configuration for accounting integration displays.  All missing configuration issues must be corrected to read SAP S/4HANA company code data. |  |
| 8 | Access the SAP Fiori App | Return to the SAP Fiori launchpad and open Manage Group Structure - Group View (F3733) | The Manage Consolidation Group Structure - Group View displays. |  |
| 9 | Verify Groups | Verify that the following groups are available:  Consolidation Group:   * CGN2 * CG3   Note If those groups are not available, follow the Organization Structure Creation section in the Group Reporting - Financial Consolidation (1SG) to add the groups. |  |  |

# Overview Table

This scope item consists of several process steps provided 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 .

Data Monitor for SAP S/4HANA Companies

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | App/Transaction | Expected Results |
| [Preparation for SAP S/4HANA Company Integration](#unique_8) [page ] 9 | Group Accountant | Consistency Check of Accounting Integration (CX8CCI) | The consolidation units are integrated. |
| [Data Monitor for SAP S/4HANA Companies](#unique_9) [page ] 10 | Group Accountant | Data Monitor (CXCD) | Reporting validation is maintained. |
| [Consolidation Monitor for SAP S/4HANA Companies (Optional)](#unique_10) [page ] 14 | Group Accountant | Consolidation Monitor (CX20) |  |

# Test Procedures

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

## Data Monitor for SAP S/4HANA Companies

There are some consolidation units that are available for integration in consolidation group CG2. Since the company code master data is customer-dependent, confirm that your available company codes are in your system and pick the corresponding consolidation units.

The values in the following table are provided as examples only.

|  |  |  |
| --- | --- | --- |
| Cons unit / company code | Description | Local Currency |
| 1010 | Walldorf | EUR |
| 1710 | Palo Alto | USD |

Test cases overview

Preparation for SAP S/4HANA Company integration:

* Set global parameters
* Run data monitor (for example), 2019.01 for S4 company 1010
* Release universal journal (S4 accounting)
* Validate universal journal (S4 accounting)
* Run currency translation
* Run remaining data monitor tasks
* Review, using the Data Analysis (F2848) SAP Fiori app
* Lock tasks
* Run all of the consolidation monitor tasks

### Preparation for SAP S/4HANA Company Integration

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 review the settings for FI integration.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail /Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Group Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori App | Open Consistency Check of Accounting Integration (CX8CCI) . | The Consistency Check of Settings for FI Integration view displays. |  |
| 3 | Execute Consistency Check | Execute the consistency check for the following parameters:  Version: YP1  Consolidation COA: Y1  Note Ensure that all roles described below are assigned to your user:  Fiscal Year : 2019  and choose Execute from the bottom of the view. | A table of results display. |  |
| 4 | Verify Integration | Review the results and verify that your assigned consolidation unit is integrated.  Note Ignore the Sender group currency key inconsistent error notification. | Assigned consolidation unit is integrated. |  |

### Data Monitor for SAP S/4HANA Companies

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 activity, you run the data and consolidation monitor for the SAP S/4HANA companies.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Group Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Set Global Parameters | Open Set Global Parameters (CXGP). | A Global parameters dialog box displays. |  |
| 3 | Enter Criteria | Make the following entries,  Organization units section:  Cons. Group: CG2  Cons.Unit: 1010  Version/Time Period section:  Version: YP1  Fiscal Year: For example, 2019  Period: For example, 01  Further Settings section:  Cons. COA: Y1  and choose Continue: | The SAP Fiori launchpad displays. |  |
| 4 | Access the SAP Fiori App | Open Data Monitor (CXCD). | The Data Monitor view displays. |  |
| 5 | Open Period | Right-click your consolidation unit and choose Open period.  Note If your unit is already open, you can skip this step. | The Period 01/2019 for CG2/CU 1010 opened notification displays. |  |
| 6 | Access the SAP Fiori App | Open Group Data Analysis - With Reporting Rules (F1035). | A Prompts dialog box displays. |  |
| 7 | Enter Prompts | Maintain the following:  Cons. Group: CG2  Cons. Unit: For example, 1010 (your assigned unit)  Consolidation chart of accountant: Y1  Reporting item hierarchy: X1  Reporting rule variant: Y10  and choose OK.  (Other information is inherited from global parameters).  Some postings may exist in previous periods. |  |  |
| 8 | Enter Criteria | Narrow your selection of the time period to 2019.01. All other information is inherited from global parameters.  Note Some postings may exist in previous periods and documents posted earlier are not available, as they are not yet released. |  |  |
| 9 | Return to Data Monitor | Open Data Monitor (CXCD), right-click the top value in the Hierarchy column and select Detailed Overview. | A list of tasks displays. |  |
| 10 | Release Universal Journal | Right-click the Release Universal Journal and select to run in both the Test and Update Run modes.  Review the line for your consolidation unit. Verify that the data list, in full (already submitted and pending delta for submission), or in delta (pending delta for submission) mode, using the left or right buttons.  Choose Save to continue with release of the SAP S/4HANA accounting data. | The timestamp is updated.  The system displays a green status update. |  |
| 11 | Access the SAP Fiori App | Return to the SAP Fiori launchpad and open Group Data Analysis - With Reporting Rules (F1035). | A Prompts dialog box displays. |  |
| 12 | Enter Prompts | Maintain the following:  Cons. Group: CG2  Cons. Unit: For example, 1010 (your assigned unit)  and choose OK.  (Other information is inherited from global parameters). |  |  |
| 13 | Verify Data | Verify that your relevant documents are available. To drilldown to the universal document, double-click an item. | Data is available now with posting level blank and an 0F document type . |  |
| 14 | Return to Data Monitor | Open Data Monitor (CXCD), right-click the top value in the Hierarchy column and select Detailed Overview. | A list of tasks displays. |  |
| 15 | Task - Validation Universal Journal | Run the Validation Universal Journalstask in test and update mode. | No errors are shown for the uploaded FI document. |  |
| 16 | Task - Calculate Net Income | Run the Calc Net Income task in test and update mode. | The task is executed successfully with detailed log about calculated net income result. |  |
| 17 | Task - Validation Reported Data LC | Run the 1080 Validation Reported Data LC task in test and update mode.  If the validation method for your cons unit is missing or wrong, you can maintain by selecting your consolidation unit, right-click, and select master data. Select the tab Methods and Assign Validation Method.  Or, you can access the Assign Validation Methods (VECMA) SAP Fiori app, to synchronize the latest validation settings.  Select the task ID 1080 and choose the Change mode.  Select version YP1 and period category 9.  Select consolidation unit to be assigned and select validation method SRD1.  Choose Save. | The validation passes without error messages. |  |
| 18 | Access the SAP Fiori App | Return to the SAP Fiori launchpad and open Currency Exchange Rates (F3616). | The Currency Exchange Rates view displays. |  |
| 19 | Maintain Exchange Rate | Review the exchange rates for your local currency to group currency for 01/2019 and maintain the relevant rates for AVG and CLO, if they are missing.  Choose Exit. |  |  |
| 20 | Return to Data Monitor | Open Data Monitor (CXCD), right-click the top value in the Hierarchy column and select Detailed Overview. | A list of tasks displays. |  |
| 21 | Task - Currency Translation | Run the task Curr Trans in test and update mode.  The task status is Not applicable for the cons units where Local Currency = Global Currency. | More lines with posting level blank and translation indicator 1 and 4 are created based on amount in LC and rules in currency translation method. |  |
| 22 | Task - Standardized Data Validation | Run the Standardized Data Validation task in test and update mode.  If the validation method for your consolidation unit is missing or wrong, you can maintain as follows:  Access the app Assign Validation Methods (VECMA) to synchronize the latest validation settings.  Select task ID 1180 and go to Change mode.  Select version YP1 and period category 9.  Select consolidation unit to be assigned and select validation method SCD1.  Choose Save. | The validation passes with one warning message. |  |
| 23 | Lock all Tasks | Select each task and choose the Lock button. | Once the tasks are locked, it is impossible to submit more data to the current period. |  |

### Consolidation Monitor for SAP S/4HANA Companies (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

In this activity, you run consolidation tasks for a period.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Group Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori App | Open Consolidation Monitor (CX20) | The Consolidation monitor view displays. |  |
| 3 | Run Tasks | For the following parameters:  Cons. Group: CG2  Period: 01/2019  Run all of the tasks in the consolidation monitor. | The task logs contain no errors. |  |

# Appendix

## Succeeding Processes

After completing the activities in this test case, SAP Financial Consolidation for SAP S/4HANA Cloud (Best Practice Analytics scope item 2K6) allows you to create reports that analyze the complete P&L by nature of expense - prediction.

|  |  |
| --- | --- |
| Process | Business Condition |
| SAP Cloud Plan Consolidation Actual Category Comparison (2K6), | Using the procedures in SAP Cloud Plan Consolidation Actual Category Comparison (2K6), a report is created. |

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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