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SAP Business Transformation Center

Lean Select Data Transition – Hands-On

Version: 1.0
Date: 2025-07-28
Owner: SAP BTC Team

Hands-On Guide

1. Goto GitHub(https://github.com)
2. Search for Organization **SAP-CLM-SL**
3. Open the repository "**BTC**"

Alternatively, navigate to URL:
https://github.com/SAP-CLM-SL/BTC

Table of contents

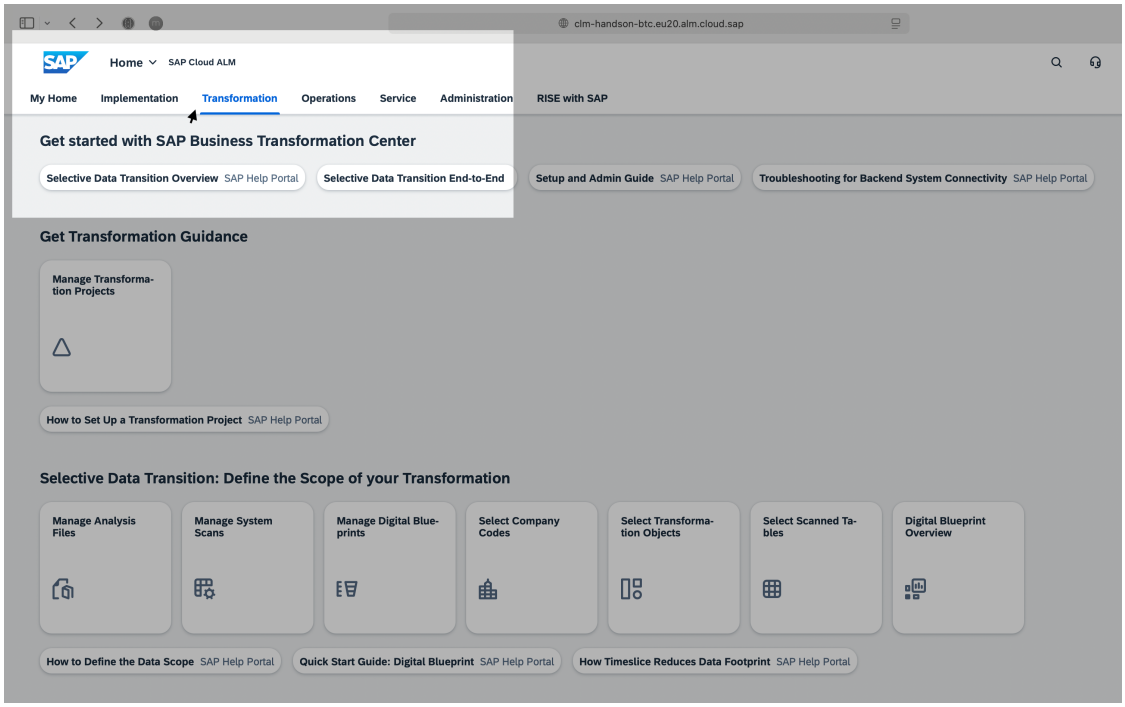
Getting Started

You can logon to SAP Business Transformation Center using the following URL: [SAP Business Transformation Center]

For logon user and password, please use the following username and password. Please replace "###" with your user id (displayed at your table):

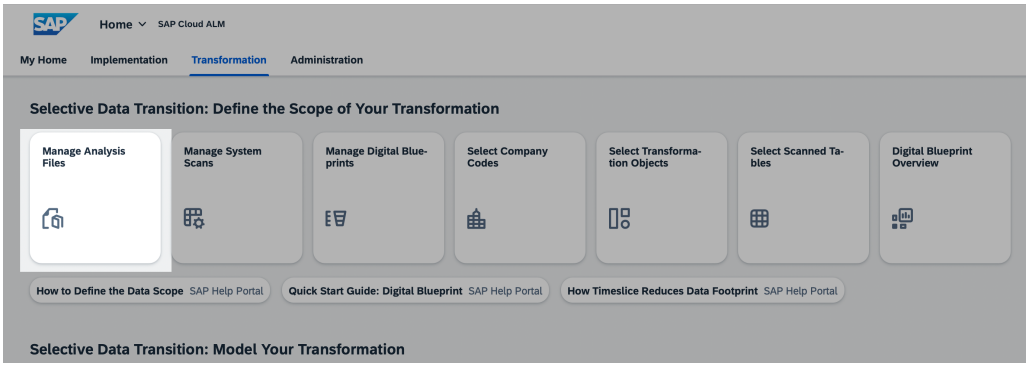
- **User: btc-###**
- **Password: <shared at session>**

Within the launchpad app overview, select the section "**Transformation**" to navigate to the apps of the SAP Business Transformation Center.



Exercise 1 – Upload SAP Readiness Check file for SAP ERP Usage and Data Profiling (UDP)

- Step 1.1. – Download the SAP Readiness Check UDP file named "**RC_UDP_DMR2_DF1.zip**" that has been shared with you
- Step 1.2. – Upload the downloaded SAP Readiness Check UDP zip file
  - Click on the Fiori app "**Manage Analysis File**" and click the "**Create**" button to upload the zip analysis file from step 1.1.

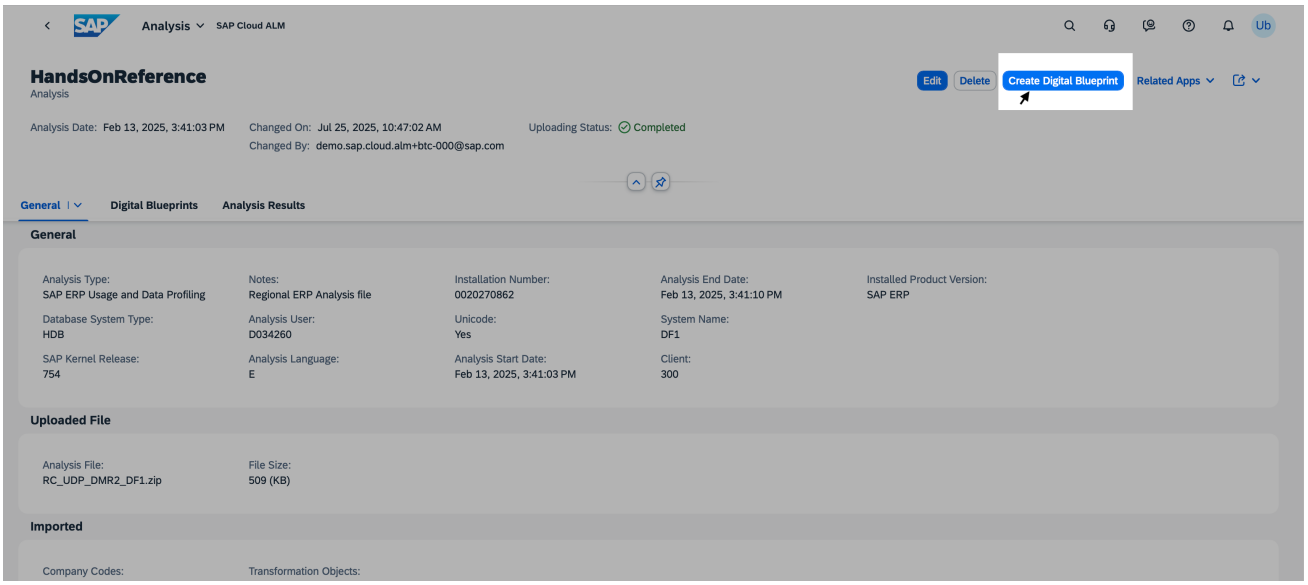


– Enter a name for the analysis file with your user ID, add an optional short description in the "**Notes**" field and click on the "**Create**" button.

> *Q1: Once the file has been successfully uploaded, identify who´s the user who ran the analysis in the ECC source system?*

Exercise 2 – Create a Digital Blueprint

- Step 2.1. – Create your Digital Blueprint
  – Click on the button "Create Digital Blueprint".



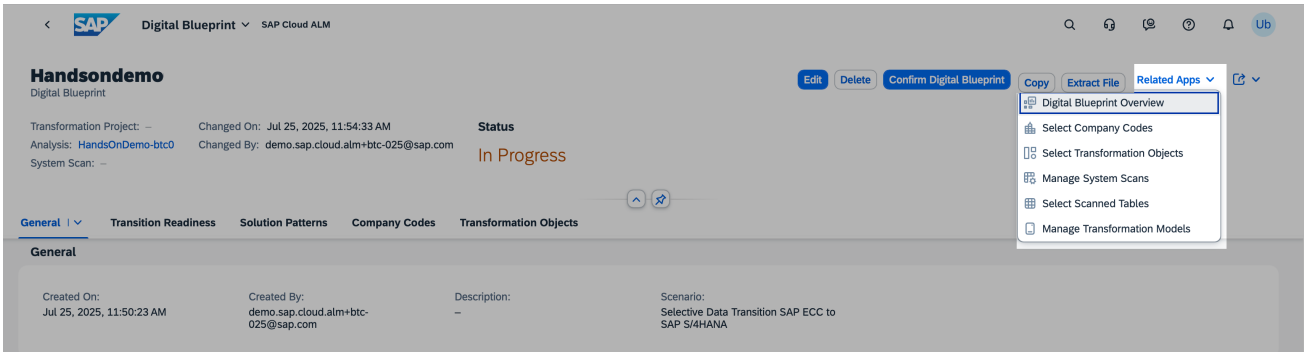
  – Enter a name for the Digital Blueprint using your user ID
  – Add a free text in the description.
  – The analysis file uploaded in Step 1.2 should already be selected in the "**Analysis File**" field. Click "**Create**" button to proceed.
  Note: Confirm the Digital Blueprint only after scoping activities completed.

- Step 2.2. – Review your Digital Blueprint
  – After creating your Digital Blueprint, initial data is displayed in the Fiori App
  – Quickly explore the four sections within the App

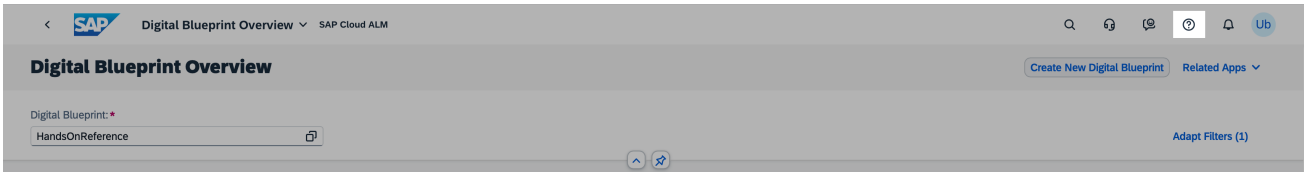
> *Q2: What is the System ID and the client of the ECC source system?*

Exercise 3 – Get an overview about the data profile of your ECC source system.

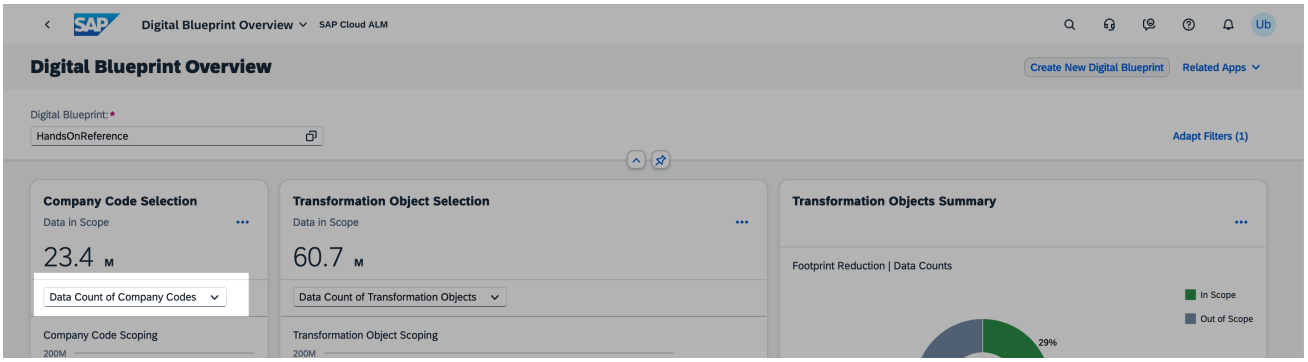
- Step 3.1. – Launch the Digital Blueprint Overview
  - Choose “**Digital Blueprint Overview**” from the “**Related Apps**” menu.



  - Navigate through all seven cards in the Digital Blueprint Overview and adjust their size and appearance as needed.
  - Click the “**Open Help**” icon in the upper right corner of the screen for application guidance.



  - Use the dropdown menus on the tiles for "**Company Code Selection**" and "**Transformation Object Selection**" to view data based on available dimensions.

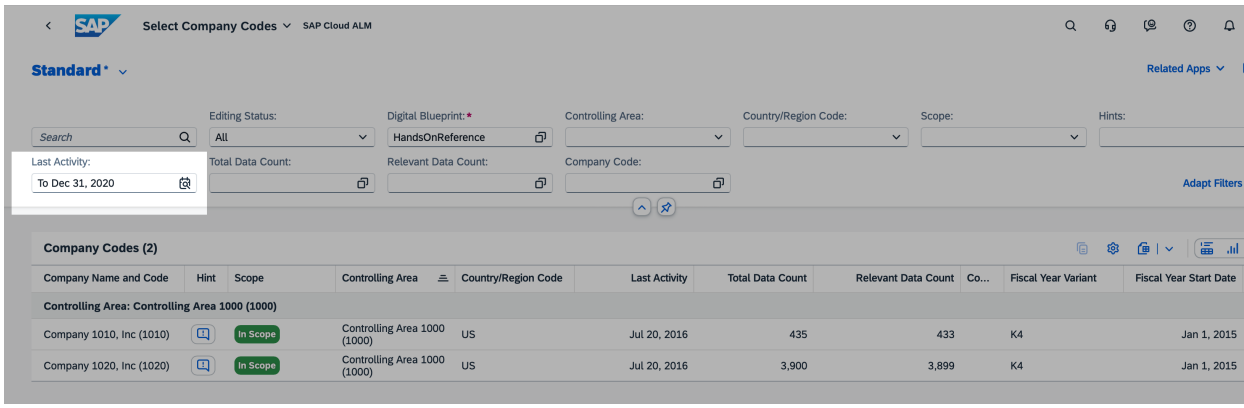


> *Q3: How many Company Codes do exist in the ECC source system?*
>
> *Q4: How many transformation objects do exist for application component CO (Controlling)?*
>
> *Q5: Which Application Component contains the highest data count in the ECC source system?*

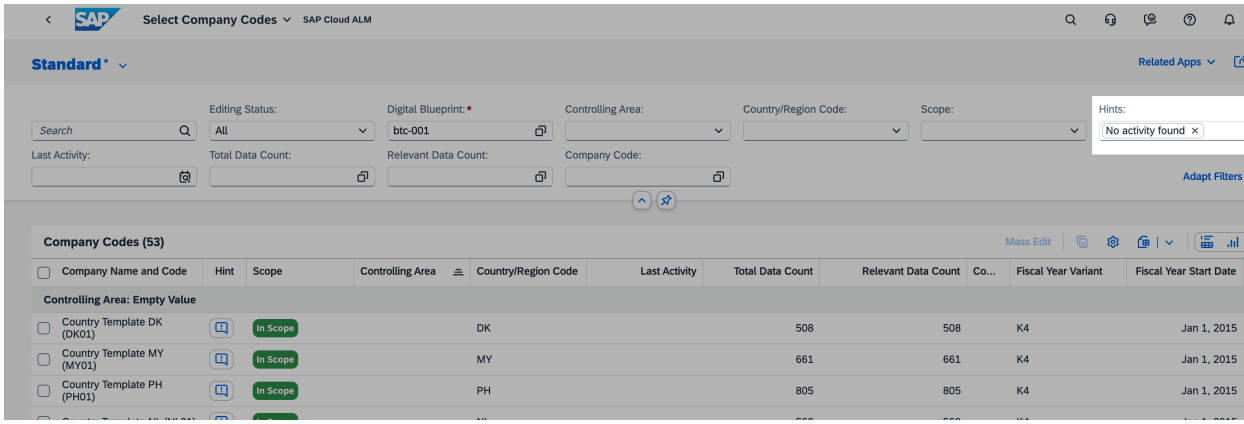
Exercise 4 – Choose your company codes in scope for the transition to SAP S/4HANA.

- Step 4.1. – Launch the Select Company Codes application

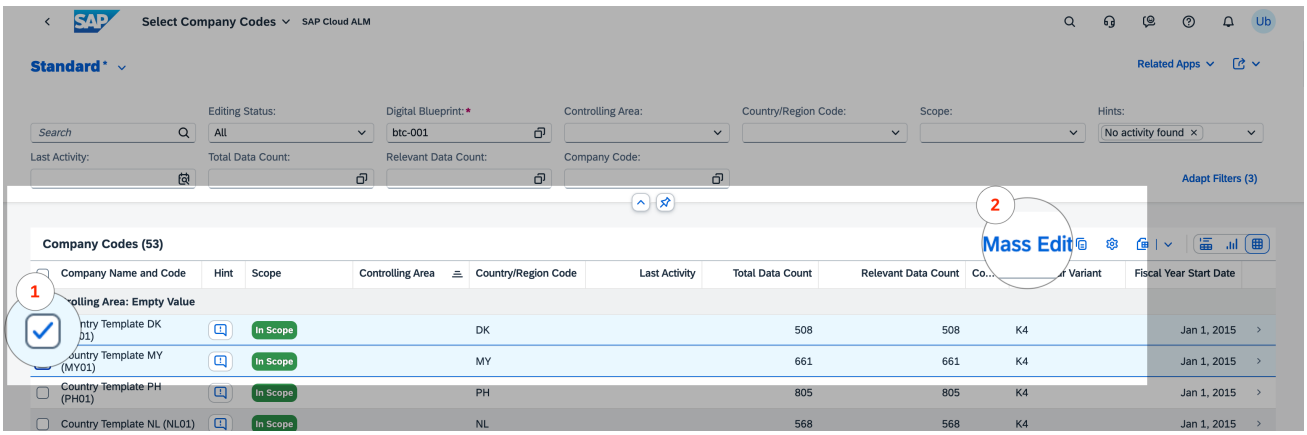
  - Click on the header of the card “**Company Code Selection**” to jump into the scoping app for the company codes.
  - Alternatively, choose the App “**Select Company Codes**” from the Launchpad overview and select your Digital Blueprint ID.
- Step 4.2 – Set company codes out of scope.
  - Use filters to select only those company codes with last activity in 2020 or later, regardless of open items and review the details
  - Use filters to select only those company codes
    - With last activity before 2020



    - No activity



  - Use the “**Mass Edit**” button to set all the selected Company codes to “**Out of Scope**”. Add a comment indicating these codes are excluded due to inactivity.

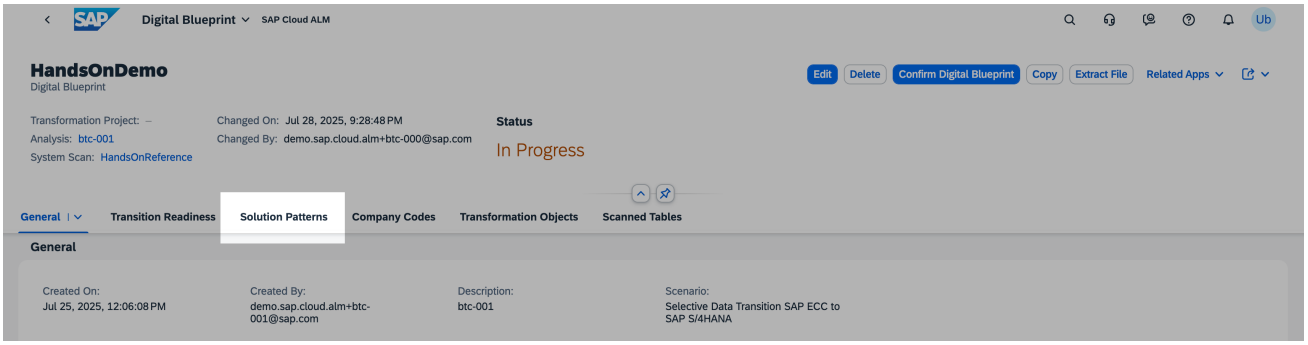


- Step 4.3 – Review company code details
  - Click on the company code “Company 2000, Inc (2000)” to view its detailed information.
  - Explore the company code details.
  - Add a comment in the details section of the company code, then return to the company code overview.

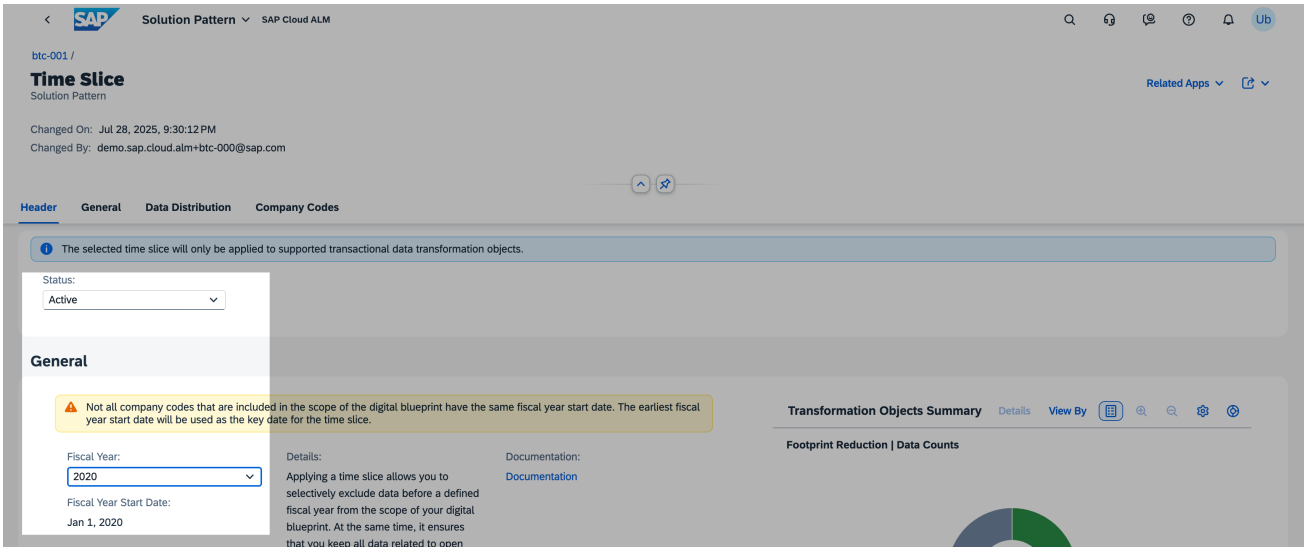
> *Q6: Which fiscal year variant is maintained for the company code Company 2000, Inc (2000)?*
>
> *Q7: How many purchase orders have been created in company code Company 2000, Inc (2000) in the year 2020?*
>
> *Q8: Does the company code Company 2000, Inc (2000) contain open customer items?*

Exercise 5 – Choose the fiscal year in scope for the transition to SAP S/4HANA.

- Step 5.1 – Activate the time-slice solution pattern
  - Open the “**Manage Digital Blueprints**” app from the “**Related Apps**” menu and then select your Digital Blueprint ID.
  - Go to “**Solution Patterns**” tab and click on the Time Slice entry



- Step 5.2 – Review yearly data distribution
  - Go to Data Distribution section and examine the yearly distribution chart
- Step 5.3 – Select the fiscal year
  - Click the “**Edit**” button and change the status to “**Active**”
  - Set 2020 as the Fiscal year to define the scope of the data for migration, then apply the changes.
  - Save the blueprint



Exercise 6 – Review your first scoping decision and its data impact.

- Step 6.1. – Launch the Digital Blueprint Overview
  - Select "**Digital Blueprint Overview**" from the "**Related Apps**" menu.
  - Browse through the cards of the Digital Blueprint Overview to review the results of your scoping decisions.

> *Q9: How much percent is the overall data footprint reduction resulting from your scoping decisions?*

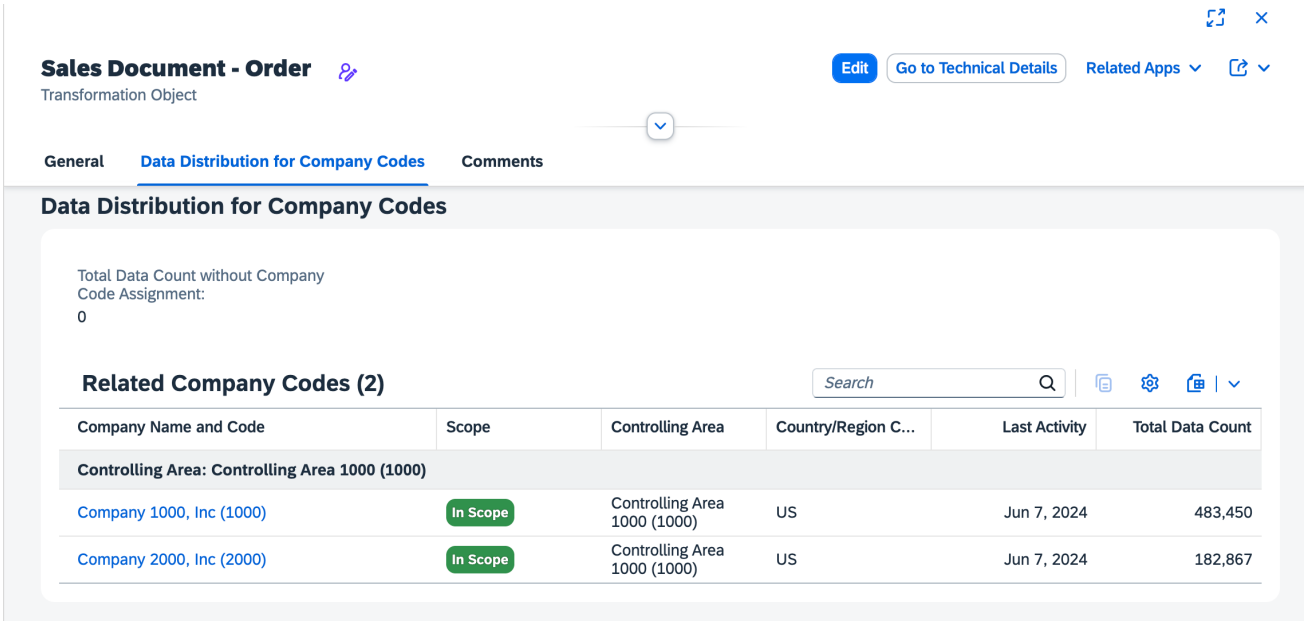
Exercise 7 – Choose your transformation objects in scope for the transition to SAP S/4HANA.

- Step 7.1. – Launch the Select Transformation Objects app
  - Click the header of the "**Transformation Object Selection**" card to access the scoping app for the transformation objects.
  - Alternatively, select the "**Select Transformation Objects**" app from the "**Related Apps**" menu.
  - Explore the app content by changing settings in the transformation object list view (e.g. setting filters or change grouping / sorting)

> *Q10: Within application component "MM", which transformation object has the highest total data count and what is the number of records?*

- Step 7.2 – View details of a transformation object

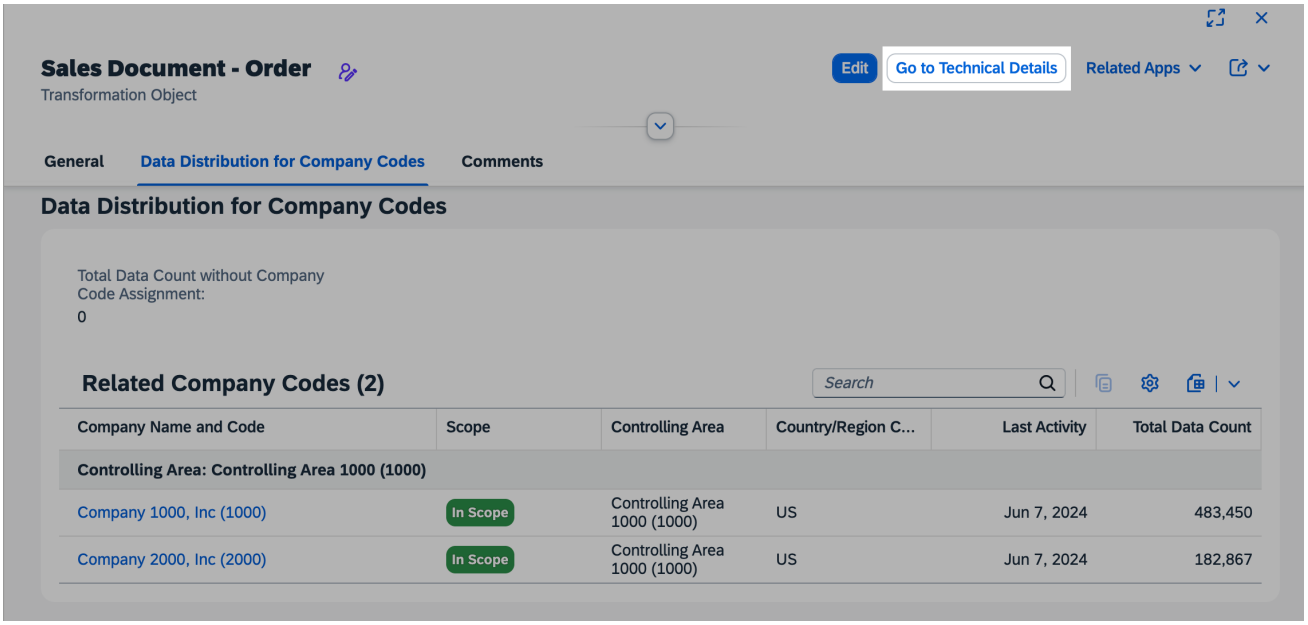
– Click on the “**Sales Document – Order**” transformation object to view its details page.



– Examine the company codes where the transformation object is used, their scoping status, and the associated data count.

– Compare the total data counts for all company codes marked as out of scope and the figure for “**Total Data Count**” and “**Relevant Data Count**” displayed at the top of the details page for the transformation object.

– Optionally, click “**Go to Technical Details**” in the upper right corner of the detailed page of the selected transformation object to get insights on the table structure of the transformation object.



Q11: What is the Total Data Count for transformation object "Sales Document - Order" in company code Company 2000, Inc (2000)?

- Step 7.3 – Mark transformation objects as out of scope.

- Filter the list to show transformation objects with “**Relevant Data Count**” of 0 for the application component “**Investment Management (IM)**”
- Use the “**Mass Edit**” button to set these transformation objects to “**Out of Scope**” and mark them as “**Confirmed**”.
- Add a comment stating that application components will not be used in the future SAP S/4HANA environment.

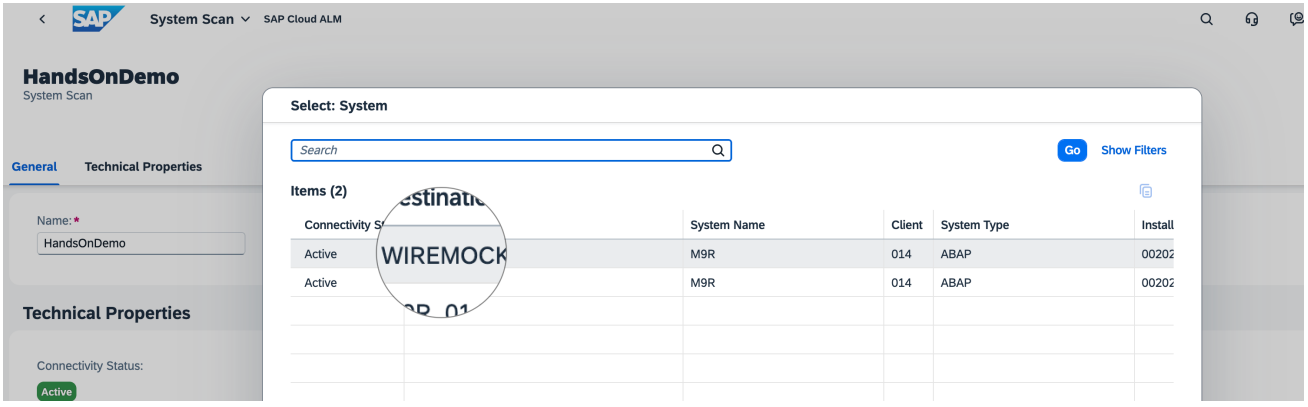
Exercise 8 – Review your scoping decision.

- Step 8.1: Launch the Digital Blueprint Overview
  - Select “**Digital Blueprint Overview**” from the “**Related Apps**” menu.
  - Browse the cards of the Digital Blueprint Overview and to review the outcomes of your previous scoping decisions.

Q12: How many percent is the overall data footprint reduction resulting from your transformation object scoping decision?

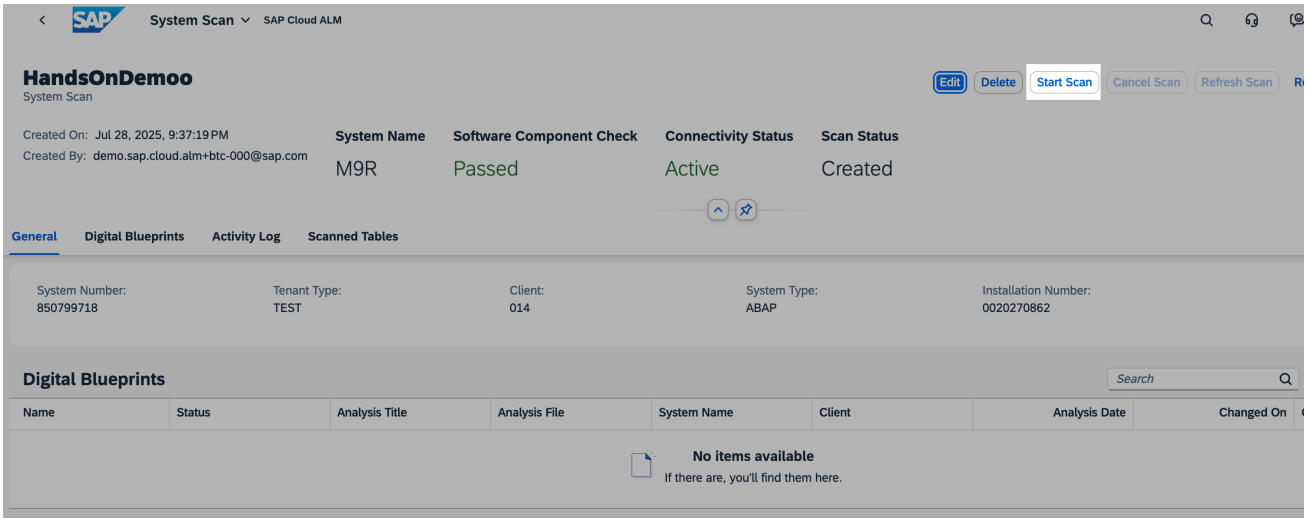
Exercise 9 – Scan the SAP ECC System

- Step 9.1: Create System Scan
  - Select the “**Mange System Scans**” app from the “**Related Apps**” menu.
  - Click “**Create New Scan**” button.
  - Enter a name for the System Scan using your user id.
  - Select the SAP ECC System “**WIREMOCK**” using value help.

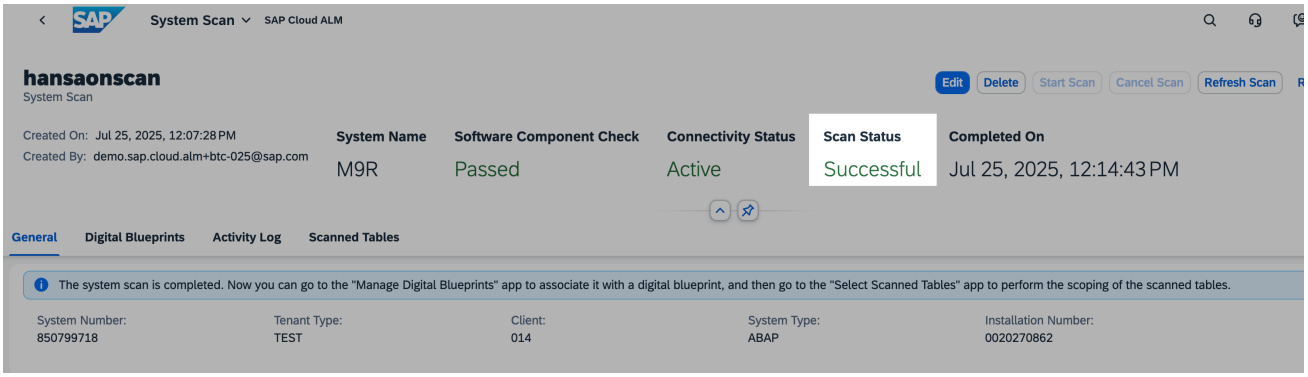


  - Click on the “**Create**” button
- Step 9.2: Start the System Scan

- Click on “**Start Scan**” to initiate the scan



- Refresh the browser to get the latest status information.
- When complete, the Scan Status displays “**Successful**.”



Q13: How many custom tables are included as part of system scan?

Exercise 10 - Include Scan Results into the Digital Blueprint & Select Scanned Tables

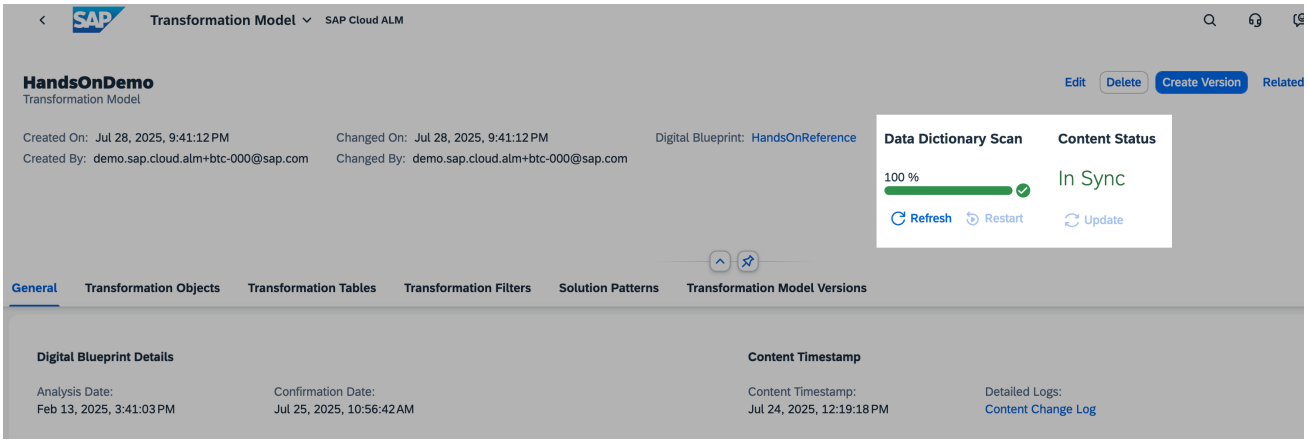
- Step 10.1. Add Scan Results to Digital Blueprint
  - Open the “**Manage Digital Blueprint**” app and select your Digital Blueprint
  - Click “**Edit**”, choose the System Scan that you’ve created in the previous step and click on “**Save**”.
- Step 10.2. – Select Scanned Tables
  - Select the “**Select Scanned Tables**” app from the “**Related Apps**” menu.
  - Tables that include data are automatically defaulted for migration. Tables without any records are defaulted for “**Out of Scope**”.
  - Click on a table that is “**In Scope**” to view additional decision supporting information such as data counts, table category, and development package.
  - Return to the Digital Blueprint Overview.

Exercise 11 – Confirm the Digital Blueprint

- Step 11.1: Manifest your scoping activities within the Digital Blueprint by setting the status to "**Confirmed**".
  - Select the "**Manage Digital Blueprints**" app from the "**Related Apps**" menu
  - Select your Digital Blueprint name with your user id created in Exercise 2 from the dropdown list to jump into the details view.
  - Hit the "**Confirm Digital Blueprint**" button and press "**Confirm**" in case a warning Pop Up appears indicating an open confirmation status on transformation object level.
  - The status of your Digital Blueprint should now be "**Confirmed**".

Exercise 12 – Create a Transformation Model from your Digital Blueprint

- Step 12: Create a Transformation Model
  - Click the "**Create Transformation Model**" button.
  - Enter a name for the Transformation Model using your user id.
  - Click on "**Create"** button.
  - Ensure content Status should be "**In Sync**" and Data Dictionary scan is "**Completed**".



Q14: What is the write behaviour of FI Document?

Q15: How many transformationobjects are related to Sales Order?

Q16: How many transformation objects are filtered by Company Code (OrgSlice)?

Exercise 13 – Create a Transformation Model Version

- Step 13.1: Create a Transformation Model Version
  - Click on the button "**Create Version**".
  - Enter the name of the Transformation Model Version with your user id and click on "**Create"** button.

Exercise 14 – Create a Cycle and Prepare Systems for Migration

- Step 14.1 – Create a Cycle
  - Click on "**Create Cycle**" button.
  - Enter a name for the cycle using your user id
  - Select "**Test**" as cycle type and set the Retention date as "**December 31, 2025**"
  - Select SAP ECC system – "**WIREMOCK_SOURCE_001**" as source system and SAP S/4HANA "**WIREMOCK_TARGET_001**" as target system
  - Click on "**Create**" button to complete cycle creation
- Step 14.2 – Run Prevalidation
  - Read the Preparation Readiness Checks to be fulfilled before setting up the cycle
  - Click on "**Run Prevalidation**" button to initiate the validation of the source and target system setup asynchronously
  - Status of the Run Prevalidation phase is updated to "**In Progress**"
- Step 14.3 – Check the Preparation Readiness Checks status and Prevalidation logs
  - Click on "**Refresh**" button to get the latest status of the checks
  - Once the prevalidation is completed, the status is updated to "**Done**".
  - Click on "**Prevalidation Logs**" hyperlink to view the logs from Source and Target Systems.

> *Q17: Which S/4HANA installation type(s) are supported?*
>
> *Q18: Which Transformation Object is checked for "Already Existing Documents" check?*

- Step 14.4 – Run Preparation
  - Click on "**Run Preparation**" button to generate the necessary artifacts for data migration in the source and target systems.
  - Status of the Run Preparation phase is updated to "**In Progress**"
- Step 14.5 – Monitor the Preparation and Preparation Logs
  - Click on "**Refresh**" button to get the latest status of the preparation
  - Once the Preparation is completed, the status is updated to "**Done**".
  - Click on "**Preparation Logs**" hyperlink to view the logs from Source and Target Systems.

Exercise 15 – Execute SAP ECC to SAP S/4HANA Data Transformation

- Step 15.1 – Run Health Check
  - Click on "**Health Check**" button to get the latest system health status
  - Click on "**Prevalidation logs**" link to view more information on the health check
- Step 15.2 – Analyze Transformation Objects

  - Check “**Transformation Objects Run Statuses**” chart for the execution status of the transformation objects
- Step 15.3 – Run Migration
  - Click on “**Go to Run Cycles**” hyperlink to navigate to Run Cycles application
  - Click on individual transformation objects to view the migration steps
  - Click on “**Run All**” to initiate data transformation
  - Status of the Run Transformation phase is updated to “**In Progress**”
- Step 15.4 – Monitor Transformation and Transformation Logs
  - Click on individual transformation objects to view the execution details of a transformation object and its dependent object (if any)
  - Use filter options to filter “**In Progress**” transformation objects.
  - Navigate to “**Transformation Objects Run Statuses**” chart tab for the execution status of the transformation objects

Q19: How many records are migrated for Material Master transformation object?

Exercise 16 – Postprocess Cycles

- Step 16.1 – Run Postprocessing Cycle
  - In “**Manage Cycles**” application, click on “**Go to Postprocess Cycles**” button to navigate to “**Postprocess Cycles**” App
  - Click on “**Run**” button and choose “**Run without Interruption**” to initiate the execution
  - Status of the “**Postprocess Cycle**” phase is updated to “**In Progress**”
- Step 16.2 – Monitor Postprocessing Executions and Postprocessing Logs
  - Once the Postprocessing is completed, the status is updated to “**Done**”.
  - Click on “**Postprocess Logs**” hyperlink to view the logs from Source and Target Systems

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