



PUBLIC

SAP Business Transformation Center

Lean Select Data Transition – Hands-On

Version: 1.0

Date: 2025-07-25

Owner: SAP BTC Team

Table of contents

Getting Started	3
Exercise 1 – Upload SAP Readiness Check file for SAP ERP Usage and Data Profiling (UDP)	3
Exercise 2 – Create a Digital Blueprint.....	4
Exercise 3 – Get an overview about the data profile of your ECC source system.....	4
Exercise 4 – Choose your company codes in scope for the transition to SAP S/4HANA.....	4
Exercise 5 – Choose the fiscal year in scope for the transition to SAP S/4HANA.	5
Exercise 6 – Review your first scoping decision and its data impact.	5
Exercise 7 – Choose your transformation objects in scope for the transition to SAP S/4HANA.....	6
Exercise 8 – Review your scoping decision.....	7
Exercise 9 – Scan the SAP ECC System	7
.....	7
Exercise 10 - Include Scan Results into the Digital Blueprint & Select Scanned Tables	7
Exercise 11 – Confirm the Digital Blueprint.....	8
Exercise 12 – Create a Transformation Model from your Digital Blueprint.....	8
Exercise 13 – Create a Transformation Model Version	8
Exercise 14 – Create a Cycle and Prepare Systems for Migration	8
Exercise 15 – Execute SAP ECC to SAP S/4HANA Data Transformation.....	9
Exercise 16 – Postprocess Cycles.....	10

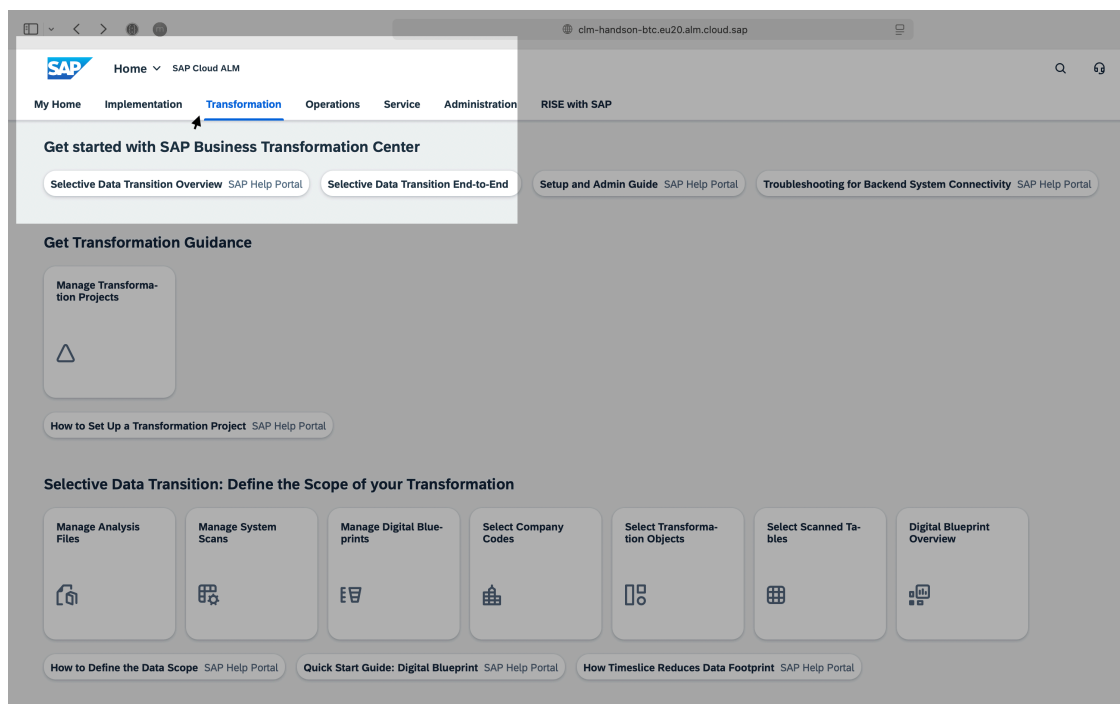
Getting Started

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.
- 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 2015 or later, regardless of open items and review the details
 - Use filters to select only those company codes
 - With last activity before 2015 (no records would be found in this example)
 - No activity (use the hints field)
 - Use the “**Mass Edit**” button to set all other 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 2015 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? - No further reduction?

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 “**WIEMOCK**”.
 - Click on the “**Create**” button
- Step 9.2: Start the System Scan
 - Click on “**Start Scan**” to initiate the scan
 - Use the “**Refresh scan**” button 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**”.—it also includes tables which were put in out of scope based on company code and timeslice?
 - 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 transformation objects are related to Sales Order?

Q16: How many transformation objects are filtered by Company Code (OrgSlice)?- 100 or 94?

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 – **“WIEMOCK_SOURCE_001”** as source system and SAP S/4HANA **“WIEMOCK_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

www.sap.com