How to do a client copy in SAP

This guide shows you how to do a client copy in SAP using transaction SCCL. You log on through SAP Logon, choose a profile, set the source client, and then run the copy. You can also use parallel processing or schedule the copy as a background job.

Prerequisites

Before you start, make sure you have the following:

- The SAP Logon shortcut on your desktop
- Access to the SAP ECC environment (SID: SC7) in SAP Logon 740
- Your SAP username and password
- The profile and source client you plan to copy from. This guide uses profile SAP_CUST (Customizing) and source client 100 (Dev).

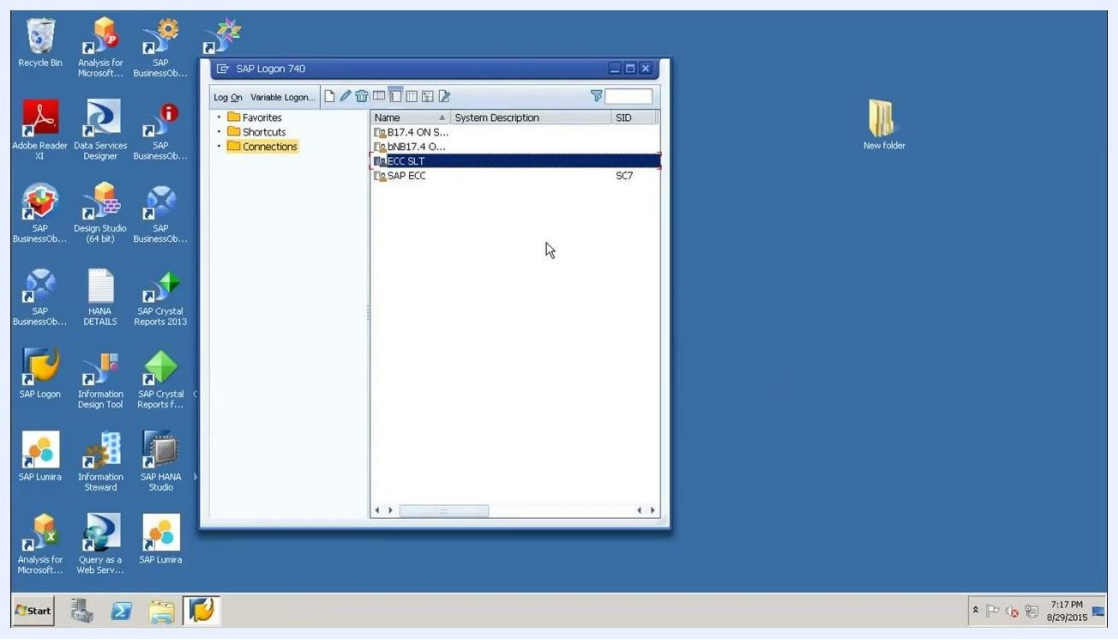
Log on to SAP

Step 1: Launch SAP Logon

Locate the SAP Logon shortcut on your desktop and open it.

Step 2: Select your SAP ECC environment

In the **Connections** list of the SAP Logon 740 window, click the **SAP ECC** entry (SID: SC7). Double-click it or press Enter to continue.



SAP Logon 740 window with the SAP ECC connection selected

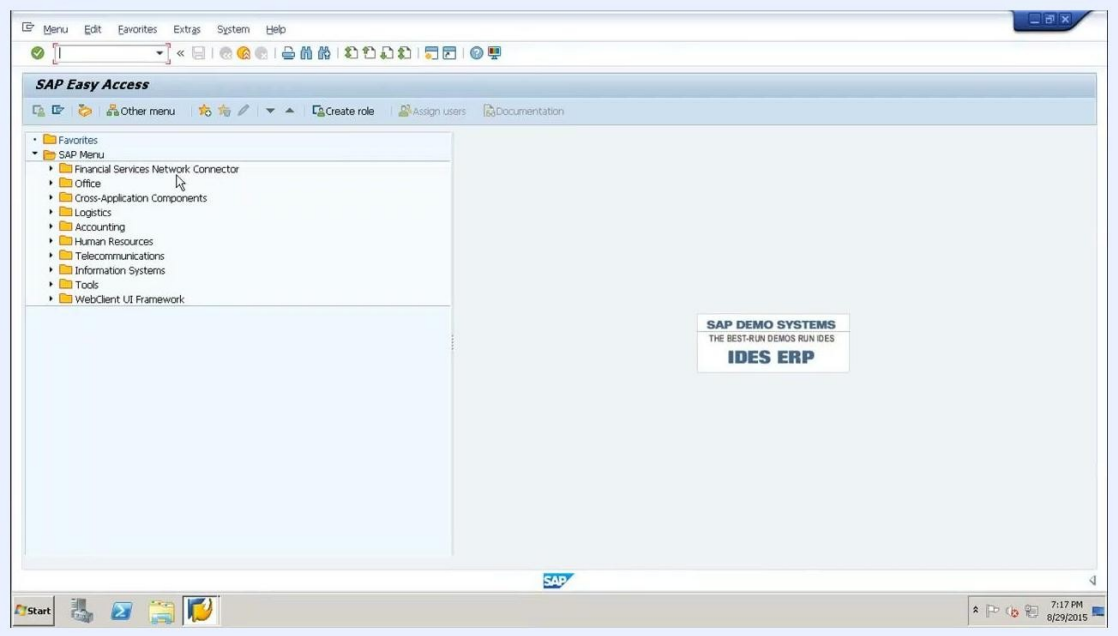
Step 3: Enter your credentials

Enter your SAP username and password when prompted. After a successful login, the SAP Easy Access screen opens.

Start the client copy

Step 4: Open the client copy transaction

To begin a client copy in SAP, find the white command field at the top left of the SAP Easy Access window. Type SCCL and press Enter.



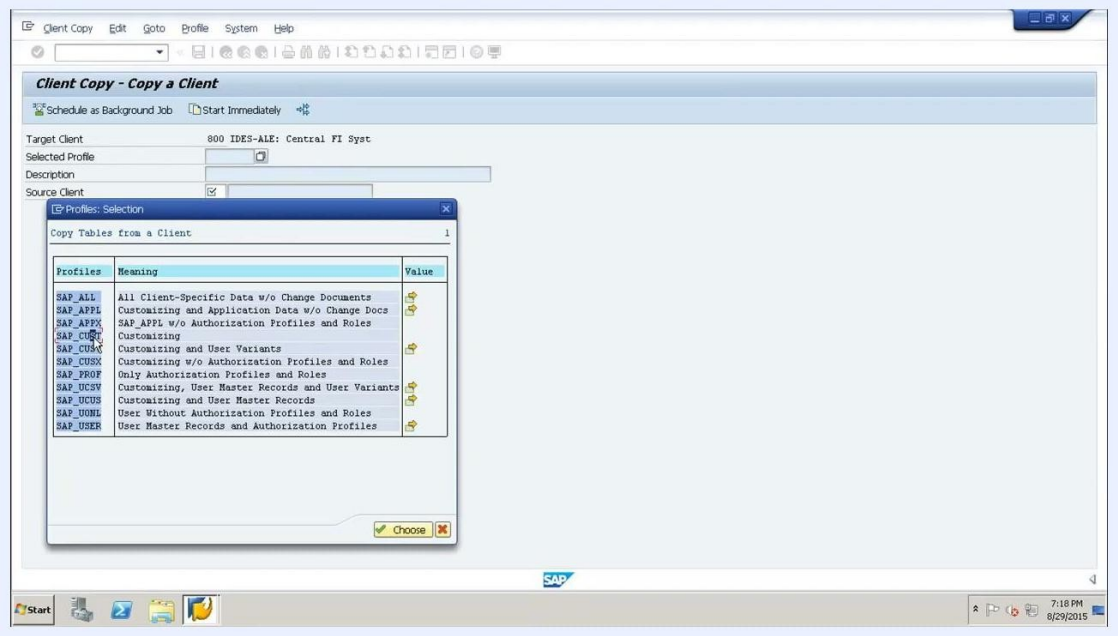
SAP Easy Access screen with the command field at the top left

Step 5: Select the profile for the client copy

The **Client Copy - Copy a Client** screen appears. It contains the following fields:

- **Target Client**: This field is pre-filled (for example, 800 IDES-ALE: Central FI Syst).
- **Selected Profile**: Click the search button (magnifying glass) next to this field to select a profile.
- **Description**: Optionally, enter a description for the client copy.
- **Source Client**: Click the search button next to this field to select the source client.
- **Test Run**: Optionally, select this box to perform a test run without making changes.

Click the search button next to **Selected Profile**. In the **Profiles: Selection** dialog, choose SAP_CUST (Customizing), then click **Choose** to confirm.



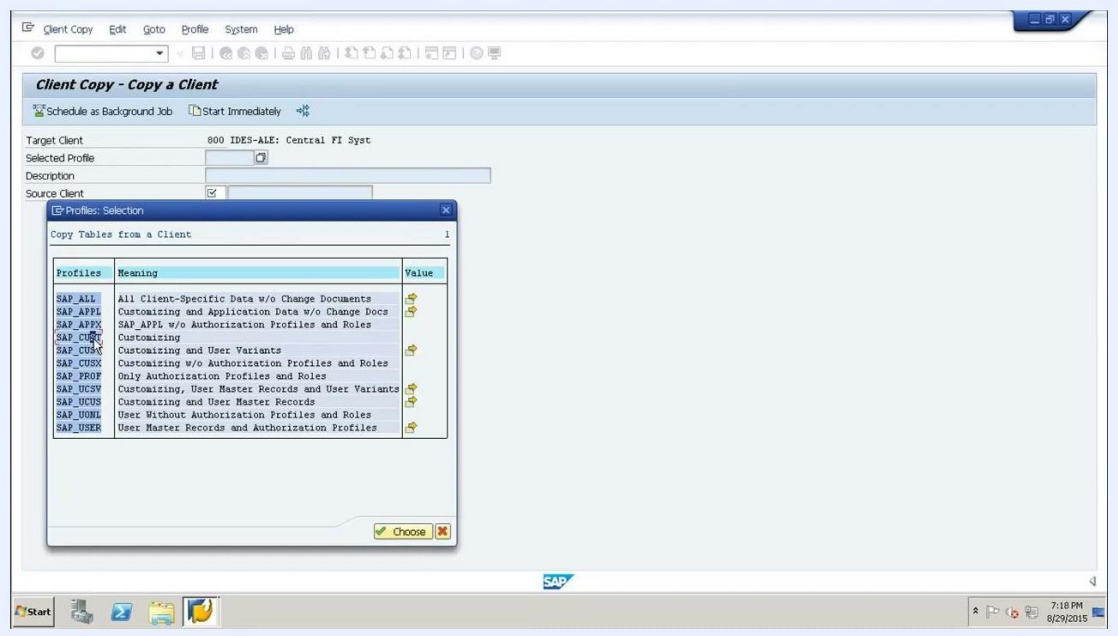
Profiles: Selection dialog with SAP_CUST highlighted

Step 6: Enter a description

In the **Description** field, type Customizing.

Step 7: Select the source client

Click the search button next to the **Source Client** field. In the client selection dialog, select client 100 (Dev) from the list, then click **Choose** to confirm.



Client selection dialog with client 100 selected

Step 8: Run a test first (optional)

Select the **Test Run** checkbox if you want to simulate the client copy without making actual changes.

At this point, you have set the parameters required to copy an existing SAP client. The next steps cover optional ways to speed up or schedule the copy.

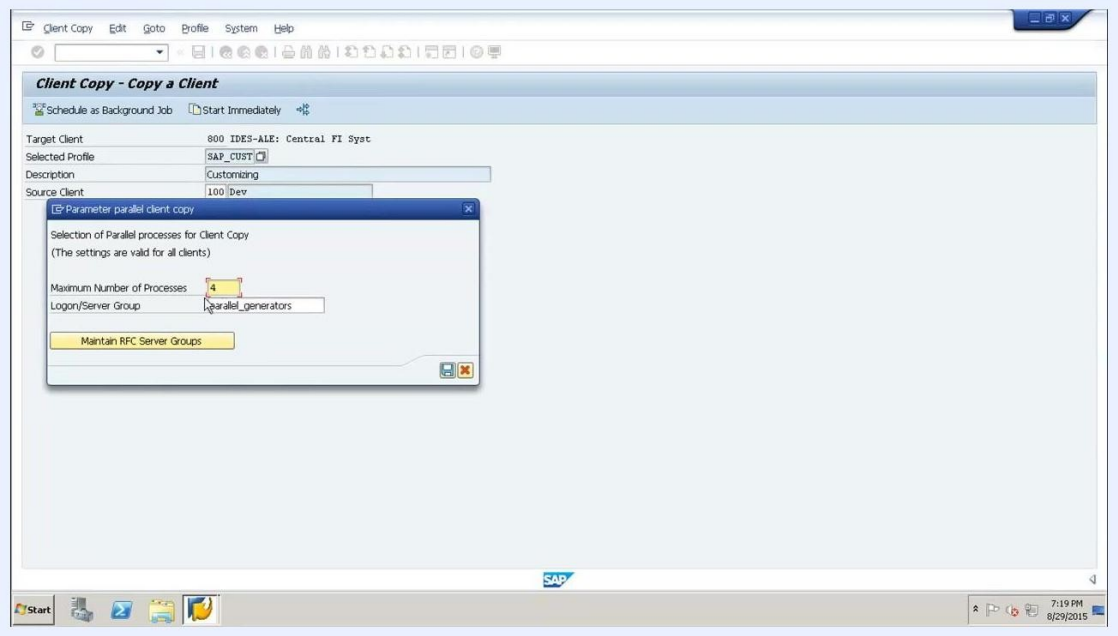
Enable parallel processing (optional)

Step 9: Set parallel processes for the client copy

Use this option to divide the workload across multiple processes and reduce the time the copy takes.

1. Click the Goto menu at the top of the screen.
2. Select the Parallel Processes option.
3. In the **Parameter parallel client copy** dialog, enter a value in the **Maximum Number of Processes** field (for example, 4).

4. Confirm the **Logon/Server Group** (for example, parallel_generators).
5. Click the save (disk) icon to confirm your settings.



Parameter parallel client copy dialog with Maximum Number of Processes set to 4 and Logon/Server Group set to parallel_generators

Schedule the client copy in the background (optional)

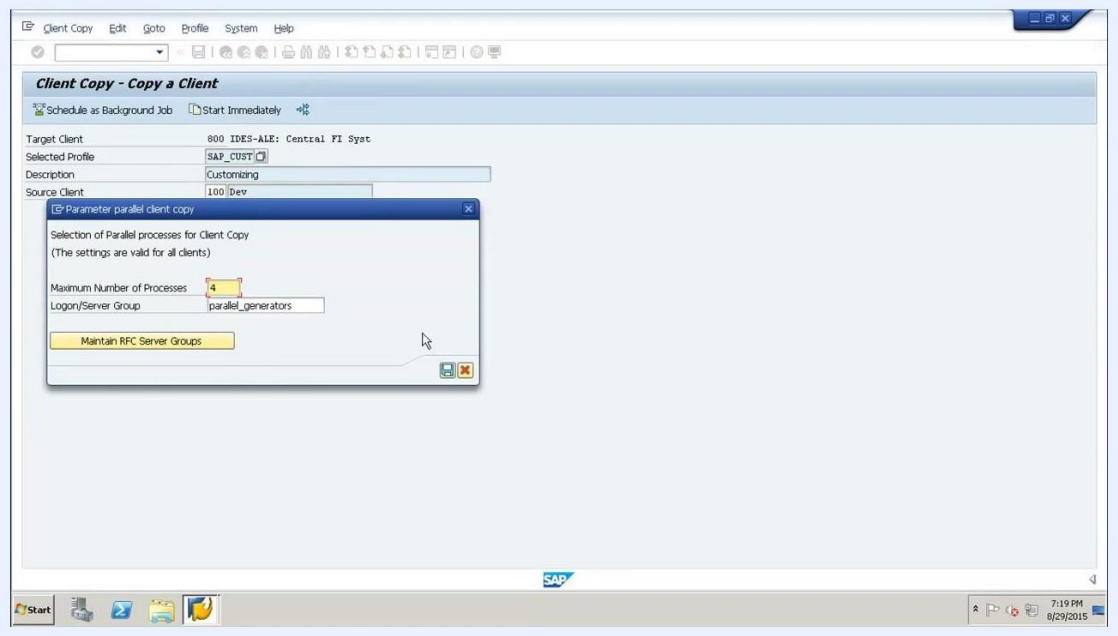
Step 10: Schedule the client copy as a background job

To run the client copy as a background job, click the Schedule as Background Job link at the top left of the **Client Copy - Copy a Client** screen. The **Schedule Client Copy in Background** screen appears.

On this screen, you can:

- Optionally select a **Background Server** by clicking the search button next to the field.
- Choose whether to start the job **Immediately** by selecting the checkbox.
- Make sure **No Printer Dialog** is selected if you do not want a printer dialog to appear.

To use a specific server for the job, click the search button next to **Background Server** and select the server from the list.



Schedule Client Copy in Background screen with Background Server selection and job options

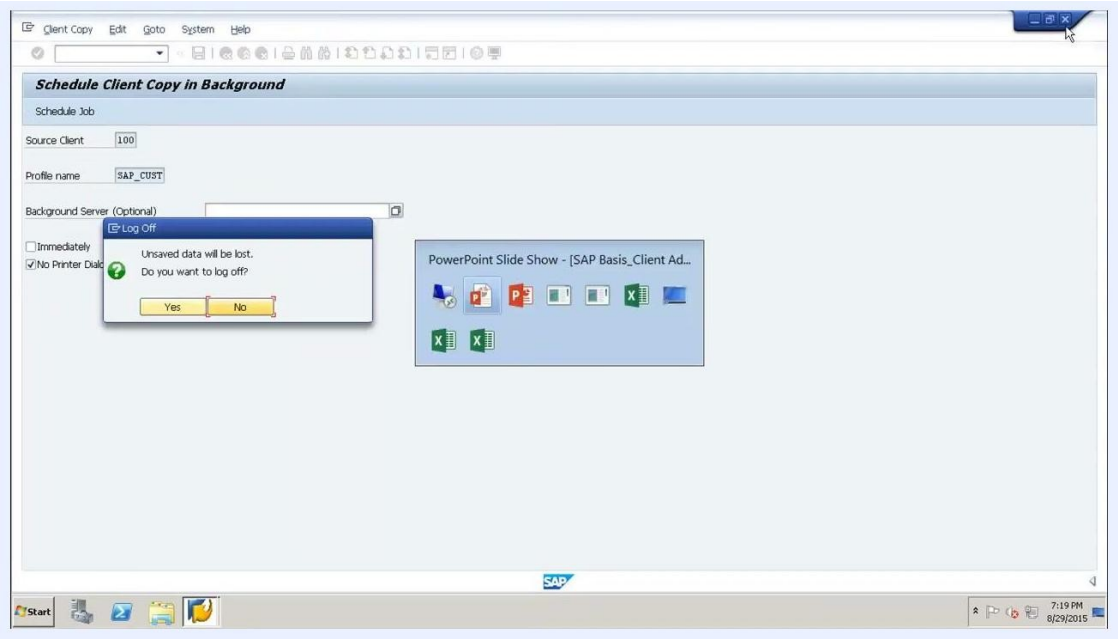
Run the client copy

Step 11: Finalize and execute the client copy

Review all settings and parameters, then confirm your selections to start the client copy. The system runs the copy according to your chosen options: single process, parallel processes, or background job.

Step 12: Log off or continue with other tasks

Once the client copy is scheduled or started, you can log off or continue with other SAP tasks. If you try to log off, a confirmation dialog asks: "Unsaved data will be lost. Do you want to log off?" Choose Yes or No as appropriate.



Log Off confirmation dialog with Yes and No options, with the Schedule Client Copy in Background screen behind it

What's next

Continue as your SAP system or organizational procedures direct.

Summary

You now know how to do a client copy in SAP: log on, run SCCL, choose the SAP_CUST profile, set the source client, and start the copy. You can also use parallel processing or schedule the copy as a background job to minimize system downtime and improve performance.