Copy roles between clients

Applies to userXpress 2.0.0.0

Copy role definitions and their related roles to selected SAP clients, then read the import and profile-generation results.

Use **Roles → Copy Roles..** to transfer a role definition from one SAP client to others. For example, copy a purchasing role to another client where administrators need the same authorization settings.

A role definition includes its authorization settings and menu. This operation imports the definitions and generates their profiles. To give existing users another user's roles, use Copy role assignments between users.

Prepare the source and destinations

Connect the source and destination clients in the **Control Panel**. With role management enabled, their roles load into the Global Role Table. The copy window uses that loaded list. To retrieve roles added since the connection loaded, reconnect the source client and reopen **Copy Roles**.

Your SAP logon needs access to read the source definitions and to import and generate roles in the destinations. See SAP access for the required authorizations.

The copy includes related roles:

- A composite role groups single roles. Copying it includes those component roles.
- A derived role brings its parent role. Derived roles share the parent's menu and can have different authorization or organizational values.
- A composite's derived components also bring their parent roles.

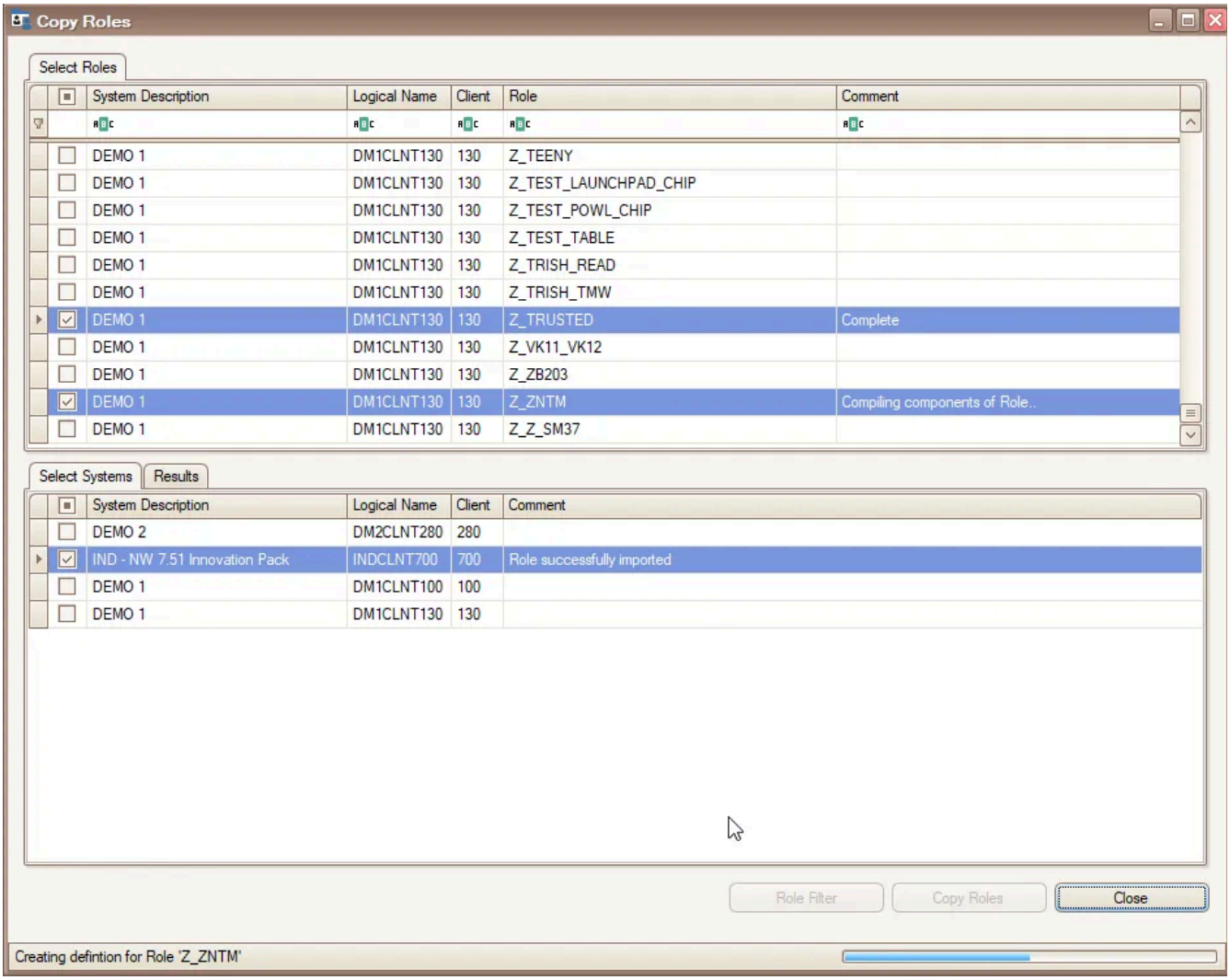
Importing these definitions can change roles already present in a destination, affecting users who have those roles. Select the source client whose definitions should be used for each role name.

Select and copy

1. In the **Global User Table**, choose **Roles → Copy Roles...**
2. Under **Select Roles**, narrow the list using the filter row beneath the column headings. **System Description**, **Logical Name** and **Client** identify each role's source.
3. Select the source-role checkboxes. Each selected role will be copied to each selected destination.
4. Wait for the automatic destination check to finish. Under **Select Systems**, select the destination-client checkboxes. A highlighted system name and a **Comment** identify a client where role-copy support is missing or could not be checked.
5. Choose **Copy Roles** to start.

6. When processing finishes, open **Results** to read the outcome for each role and destination.

A destination that is also the source client for a selected role is skipped for that role. Other source-role and destination combinations continue.



Choose source roles in the upper list and destination clients in the lower list.

Filter by a list of role names

Use **Role Filter** when you already have a list of roles to copy.

1. Choose **Role Filter**.
2. Enter or paste the full role names, one per line.
3. Choose **OK**. The list shows matching role names across the loaded clients.
4. Apply a source-system or client filter if needed, then select the role checkboxes.

Role Filter replaces the previous role-list filter. It matches complete names. Use the column filter row for a partial-name search.

Read the results

userXpress prepares each source definition, imports it into the destinations and generates the associated single-role profiles. The source-role **Comment** describes preparation. The destination **Comment** shows that client's latest copy outcome.

Results contains the detailed sequence, with **System**, **Logical Name**, **Client**, **Role** and **Message**. For example, `DM1CLNT100` identifies system DM1, client 100.

- **Role definition compiled successfully** means the source definition is ready for import.
- **Import of Role completed** means the destination accepted the import. Profile generation follows this step.
- **Role successfully imported** is recorded after the import and generation calls finish without a reported error.
- **The target client is the same as the source client. Skipping.** identifies a combination that was skipped.
- **Role copy finished** marks the end of processing. Read the preceding role-and-client entries for any failures.

Results accumulate while the window remains open. After another copy, its messages appear below the earlier results. The destination's single **Comment** can therefore be read alongside **Results** to see outcomes for all copied roles.

Check partial results

Destination cannot accept a copy

The automatic check highlights destinations where role-copy support is unavailable. Their **Comment** identifies a missing `/SDF/PRGN_EXECUTE_UPLOAD` function or a failed support check. Only clients with a successful check are included when you choose **Copy Roles**.

Include that comment when contacting support. After the cause is resolved, close and reopen **Copy Roles** to repeat the destination check.

Source preparation fails

Source role preparation failed means userXpress could not prepare that definition for import. Processing stops at that source role. Earlier copies remain applied.

Use the source system, client and role named in **Results** to identify the failed read. After resolving it, select the failed and remaining source roles for the next copy.

Import or generation fails

An import error stops that role's work in the affected destination. A generation error leaves the imported definition in place. Other destinations and subsequent source roles can still complete.

For a generation failure, open the affected role in **PFCG** in the destination client and use the generation messages to resolve its authorization data. Generate the single-role profiles describes the PFCG steps.

A role with no authorization data is identified in **Results** before generation is attempted. Include the role name, destination and relevant messages when contacting support about an unresolved failure.

To repeat a copy, select the affected source roles and destinations, then choose **Copy Roles** again.

Stop a copy

Choose **Close** during a copy and answer **Yes** to **Cancel Role Copy**. Active client work finishes, and work that has not started is skipped. Imported definitions remain in the destination clients.

The status changes to **Role copy was cancelled** when processing stops. Read **Results** for completed and cancelled copies, then choose **Close** again to leave the window.