

1. Wildcard to send PDS datasets to Linux/Windows directories.

1.1 Overview

Currently Connect:Direct Z/OS does not support to send full PDS members from CDzOS to CDLinux or CDWindows, using wildcards, f.i. USER.PDS.DSN(*) to /user/path/*. However, sending PDS members from CDzOS to CDzOS is working fine.

As part of this enhancement, we will enable copy of an entire PDS from CDzOS to predefined CDLinux or CDWindows directory using IUI panel.

1.2 High Level Architecture

1.2.1 Approach

In current situation if CF option is chosen in IUI panel to send a PDS from CDzOS to CDLinux or CDWindows (Primary Option Menu → CF), the copy process will fail as the CDzOS is not designed to support a cross platform PDS copy.

As part of this enhancement, we are proposing changes which will allow customers to send a PDS from CDzOS to CDLinux or CDWindows using the same option from IUI main menu (Primary Option Menu → CF) or we can add another option in the main menu dedicated for PDS copy depending on the technical complexity and feasibility.

1.3 Enhancement

Currently, Post login to IUI Panel customer chooses CF (Copy a file) option to transfer files.

Post the enhancement, either a new IUI main menu option like FC (Copy a Folder) will be available or the existing CF option will be enhanced to allow copy of a whole PDS from Z/OS to Linux and Windows platforms.

The user just needs to provide the destination directory path in “to folder” field, the members from “from PDS” will be copied to provided directory.

For example: From: USER.PDS.DSN(*)
To: /user/new/*

In the above scenario, all the members from USER.PDS.DSN will be copied to “new” directory.

User can also do selective movement by mentioning USER.PDS.DSN(A*)

Research points:

1. DMBATCH out of scope: Proposed solution is not in scope for batch environment for 6.4. DMBATCH will continue to work the same way as it does today. This has some security concerns and we plan to address them in future releases
2. Console Command: Proposed solution is not in scope for processes submitted through console command.
3. Sending PDS members from CDzOS to CDLinux or CDWindows based on a selection criterion, f.i. USER.PDS.DSN(A*B) to /user/path/*. is out of scope for 6.4. Currently we plan to allow the existing selection criteria, which is like - A* or AB*, criteria like *A or A** etc will not be supported. Documentation will be appropriately updated to refer valid invalid syntax.
4. This enhancement will only support Pushing files from z/OS to Linux/Windows. Pulling will not be supported due to security concerns.
5. Creation of new directory at Linux/Windows end through this copy process is not supported. Copying all or selective members to an existing destination directory is supported. This is in line with the support available from Linux/Windows.