zDataConnect

A z/OS utility enabling local programs to create, read from, and write to remote datasets without program changes

zDataConnect simplifies data center operations by allowing local programs to directly read from and write to remote datasets over the Internet.

By accessing datasets in remote data centers directly, zDataConnect eliminates the need for file transfers to retrieve remote data. Programs can control data acquisition as well as storage and subsequent report generation of combined data.

zDataConnect uses a z/OS subsystem on the program's host system to establish a client session with a zDataConnect server on a remote system. The subsystem, functioning as an extension to the QSAM access method, sends each intercepted read/write request to the server. This spawns a server process to execute the request on the dataset. You can install zDataConnect software on multiple remote systems, and the zDataConnect subsystem establishes discreet client sessions with each zDataConnect server.

zDataConnect is an interface to programs, but *no program changes are required!* No program reassembly is needed, either.

Programs invoke the zDataConnect subsystem on the local system when you add a SUBSYS=(…) keyword to the appropriate JCL statements in selected jobs. Thus, only JCL changes are needed!

The subsystem uses a proprietary approach to intercept a program's open/close/get/put operations.

zDataConnect's features and benefits:

- zDataConnect supports programs coded in any language that runs under z/OS such as COBOL, PL/I, C/C++, and Assembler.

- zDataConnect supports physical sequential, PDS, and PDSE target dataset organizations.

- You define zDataConnect's client and server parameters, and each dataset's file-access parameters, in separate parameter members.

- zDataConnect continuously updates an activity log on each system. The log shows all zDataConnect client and server activity with date- and time-stamped entries.

- zDataConnect provides a wrap-around trace table for diagnostic problem analysis.

- There is no user interface to learn or panels to navigate. zDataConnect's components handle all dataset processing internally.

- zDataConnect is AT-TLS aware and supports this functionality with all systems.

Contact your [CSI account manager](#) for information on a zDataConnect special offer!

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