

# IBM® Sterling Connect:Express® for z/OS®

Release Notes Version 4.3

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This edition applies to the 4.3 Version of IBM® Sterling Connect:Express® for z/OS® and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in Notices, on page 5.

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## Version 4.3.0 Delivery

The Sterling Connect:Express for z/OS Version 4.3.0 Release Notes document supplements Sterling Connect:Express for z/OS version 4.3.0 documentation. Release notes are updated with each release of the product and contain the description of new functionalities and product requirements, as well as other information pertinent to installing and implementing Sterling Connect:Express for z/OS. Read the document in its entirety before installation.

Main new functionalities provided by this new Sterling Connect:Express version are the following:

- Http Notifications
- SMP/E Installation and Maintenance procedures.

## **Pre-Requisites**

Sterling Connect:Express executes on IBM z/OS with no restrictions. SYSPLEX functionalities require a SYSPLEX environment set up before activating this functionalities in Sterling Connect:Express for z/OS Installation Guide lists hardware and Software pre-requisites

SSL and HFS files support use of z/OS UNIX system services. These services have to be installed and set up before installation of Sterling Connect:Express.

## **Product Delivery**

Sterling Connect: Express is shipped on CD-ROM. This CD-ROM includes product and documentation.

Sterling Connect: Express installation procedure is based on CD-ROM content. For a detailed installation procedure, read *Sterling Connect: Express for z/OS Installation Guide*.

Proceed with those two steps to install Sterling Connect:Express:

- Read the last minutes information and installation notes
- \* Read and proceed with Sterling Connect:Express for z/OS installation guide.

#### **Installation Notes**

This section focuses on key points to be considered before proceeding with Sterling Connect:Express installation described in Sterling Connect:Express for z/OS installation guide and Sterling Connect:Express for z/OS Administration guide.

**Notice**: In any cases, applications and users exits have to be re-compiled.

Upgrading from Version 4.2.0 to Version 4.3.0

Migrating from version 4.2.0 ptf0 or 4.2.0 ptf1 to version 4.3.0 has the following impact:

- Because checkpoint file format changed, a cold start has to be performed
- CSA usage and subsystem interface changes in version 4.2.2 imply an upgrade of 4.2.0 load libraries for applications still running in version 4.2.0 and working with 4.3.0 monitors. If applications are using standard interfaces with monitors, this upgrade is easy and limited to load libraries upgrade using *Update-420-ptf1-0-d0905xx.bin.zip* or later for PTF1 and *Update-420-ptf0-0-d0905xx.bin.zip* or later for PFT0. This updates are available on Sterling Commerce Support site.

Refer to paragraph "Subsystem interface changes" in Sterling Connect:Express for z/OS release notes, version 4.2.2.

<u>Cols start</u>: When a cold start is necessary, unloading and reloading checkpoint file is possible using utilities P1B2P800 and P1B2P801. Use those utilities if pending requests have to be preserved. See example \$CKOFLOD in SAMPLIB library.

#### Upgrading from Version 4.2.2 or 4.2.3 to Version 4.3.0

Migrating from version 4.2.2 or 4.2.3 to version 4.3.0 has no impact.

#### New Installation

For a new installation, proceed with the following steps:

- Read carefully Sterling Connect: Express for z/OS installation guide.
- Check all pre-requisites and prepare installation parameters before starting install procedure.
- Check carefully security parameters.

Notice: Never modify the installation JCL in delivered libraries but apply changes in your own libraries.

#### TCP/IP DNS Configuration

Using HOST names implies your system is configured using one of these methods. From IBM documentation, access to TCPIP.DATA file can be configured using:

- Environment variables: RESOLVER\_CONFIG
- HFS file /etc/resolv.conf
- ❖ A SYSTCPD DD card.
- A file named jobname/userid.TCPIP.DATA
- ❖ A file SYS1.TCPPARMS(TCPDATA)
- A file zapname.TCPIP.DATA

Refer to constructor documentation:

- TCP/IP OpenEdition: Planning and Release Guide, SC31-8303
- z/OS OpenEdition Planning, SC28-1890
- ❖ SOLVE:TCPaccess

# Description of New Functionalities From Version 4.2.2

This chaptre describes functionalities and enhancements that have been delivered since veriosn 4.2.2.

## Version 4.2.2

Functionality	Description
Sub-System	Limited use of CSA by the sub-system interface – compatibility between version 4.2.0 and version 4.2.2
Files of Type LARGE	Sending and receiving z/OS files of type LARGE
Long Names	Support of long UNIX file names, long TCP/IP host names and long Pi99. Environment variables.
SSL Profiles	Configuring and using SSL profiles
DN Control	Implementing certificate verification
FTP Extended Identification	Support of extended credentials (low case, proxy)

## Version 4.2.3

Functionality	Description
HTTP Notifications	Notifications sent to http server, on transfer start, end, on transfer error.
SMP/E Installation and Fixes Delivery	Installation and fixes delivery was fully rebuild and simplified.

Version 4.3.0 includes fixes and enhancements delivered since first release of version 4.2.3, along with enhanced installation procedures.

Functionality	Description
Restart a request	Possibility to restart an interrupted request from the begining
Archived files	The RECALL process of archived files has been enhanced, thus resolving blocked situations encountered in previous versions.
File space computing	File space calculation enhanced , before transmission. Errors when transmitting big PDSE files have been fixed.
Installation and Maintenance	Installation and maintenance procedures normalized
Sub-system installation	New option in the Operator ISPF interface, to install a TOMx sub-system.

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