IBM® Sterling Connect:Express® for UNIX

Release Notes

Version 1.5

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This edition applies to the 1.5 Version of IBM® Sterling Connect:Express® for UNIX 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 7.

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Chapter 1

Version 1.5.0 Delivery

The *Sterling Connect:Express for UNIX Version 1.5.0 Release Notes* document supplements Sterling Connect:Express for UNIX version 1.5.0 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 UNIX. Read the document in its entirety before installation.

Pre-Requisites

Sterling Connect:Express executes on the following UNIX and Linux Operating Systems:

- AIX 5.3 or later
- HP/9000 under HP-UX 11.00 or later
- NCR 3000 series under UNIX
- Sun Solaris version 5.9 or later
- Alpha Digital under Digital UNIX 5.1 or later
- Linux : Red Hat 4 and 5 - SuSE (Red Hat 2.6.9-42 - RH4) (Red Hat 2.6.18-128 - RH5)
- Linux ZSeries (Red Hat 2.6.9-67)
- Linux iSeries

Product Delivery

The product is shipped on CD-ROM, along with the related documentation. Sterling Connect:Express for UNIX installation procedure is based on CD-ROM content. For a detailed installation procedure, read *Sterling Connect:Express for UNIX User and Installation Guide*.

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

- ❖ Read the last minutes information and installation notes

- ❖ Read and proceed with Sterling Connect:Express for UNIX User and Installation Guide.

Installation Notes

To implement X25, on Sun Solaris and Digital Unix, do the following :

1. Change to $TOM_DIR/strf directory

2. Save tom_apm file

3. Rename tom_apmX25 file to tom_apm

Modifications and Enhancements in Sterling Connect:Express for UNIX Version 1.5.0

New Functionality

Support of Linux operating system on iSeries : Sterling Connect:Express can be installed on a Linux partition of an iSeries server.

Fixes

06/09/2010 : **case 201208** : rebuild_base return code set to 1 in case of CTREE error detected. Change in cttools.c (tom/gtrf).

06/09/2010 : **case 201208** : rebuild_base.sh controls that $TOM_DIR variable exists , and that the monitor is stopped before launching the reorganization process.

10/09/2010 : **SR 17532** : check_apm.sh and rebuild_base.sh have been adapted to support several monitors on the same system.

10/09/2010 : **SR 17240** : Control added in start_tom.sh to avoid launching the monitor if it is already started or if the reorganization process is running.

21/10/2010 : **case 227603** : Support of characters « -« , « _ » and « * » in fields HOST, DPCSID and DPCPSW by the IMPORT function of tom_prm.

08/12/2010 : Product is modified to ship a unique LINUX version available for any kernel version.

07/01/2011 : **case 256108** : Support of HTTP notification feature with PeSIT message mode.

19/01/2011 : Enhanced network buffer management with PeSIT message mode.

25/01/2011 : **case 259402 and case 265754** : Problem if pre-connection message is blank, fixed.

26/01/2011 : **case 262783** : New algorithm to compute the monitor queue number. Problem 'queue not found' when stopping the monitor is fixed on LINUX.

04/02/2011 : New module shipped on Solaris and OSF, tom_apmX25 : support of X25 has been isolated.

Chapter 2

List of Enhancements from Version 1.4.4

This chapter provides the list of enhancements delivered in successive version from 1.4.4 to 1.5.0.

Version 1.4.6-1

New Functionalities

PeSIT Message
PeSIT Store and Forward
SSL Certificate control
FTP identification extensions

Enhancements

02/02/2010 : **SR 15943** *: New procedure check_httpn.sh added to control that the process tom_httpn is active and restart it if required (use crontab to activate it periodically).*

08/02/2010 : **case 135892** *: New procedure check_apm.sh added to control that the process tom_apm is active and listening to a tcp/ip port, and restart it if required (use crontab to activate it periodically). (tom/config).*

17/02/2010 : **case 143439** *: New environment variable added $THR_PI42, to place in the .profile file. This variable is used when receiving the file size from the sender : it determines the error threshold (%) Connect:Express will apply to the file size when controlling the reception (Pi42 peSIT parameter).*

24/02/2010 : **case 133791** *: Default values changed in the presentation and session tables (message size 4096, multi-article option = N)*

13/04/2010 : **case 164852** : New environment variable added $REC_EMPTY, to place in the .profile file. If the variable $REC_EMPTY exists and is equal to 1, empty records (length = 0) in text variable files (TV) are replaced by one space character (lg = 1).

06/09/2010 : **case 201208** : rebuild_base.sh controls that $TOM_DIR variable exists , and that the monitor is stopped before launching the reorganization process.

10/09/2010 : **SR 17532** : check_apm.sh and rebuild_base.sh have been adapted to support several monitors on the same system.

10/09/2010 : **SR 17240** : Control added in start_tom.sh to avoid launching the monitor if it is already started or if the reorganization process is running.

21/10/2010 : **case 227603** : Support of characters « -« , « _ » and « * » in fields HOST, DPCSID and DPCPSW by the IMPORT function of tom_prm.
Change in tom_prm.c (tom/prm).

08/12/2010 : Product is modified to ship a unique LINUX version available for any kernel version.
Change in makefile.LIN and install.sh (LINUX).

04/02/2011 : New module shipped on Solaris and OSF, tom_apmX25 : support of X25 has been isolated.

Version 1.4.5-1

12/02/2009 : **SR 1372432** *: New environment variable $HTTPN_TRC in the profile to indicate where to write the trace file tom_httpn.trc when HTTPN function is enabled.*

23/02/2009 : **SR 1372702** *: New environment variables $GTRF_TRC, $STRF_TRC and $EXIT_TRC added to profile : they indicate where Connect:Express must write the trace files.*

23/06/2009 : Ip header option added in SSL parameters.

Version 1.4.4-1

09/02/2007 : **SR 1364058** : Add transparent store and forward functionnality – enable transfer from A node to Cnode via one or several intermediary B nodes.
To use **ROUT** keyword in DPCSID ALIAS fields of partners A and C of node B .

23/02/2007 : **SR 1364611** : Support of environment variables ${VAR}X.

17/04/2007 : Add http notification, enabled by the NOT field in the file definition and/or the transfer request, and if HTTPNF=1 is defined in the sysin configuration file.

23/04/2007 : **case 4615350 :** Add parameter $23 of the end of transfer command _ provides the end of transfer date (same format as &REQDAT) .

23/04/2007 : **case 4615350 :** Add parameter $24 of the end of transfer command _ provides the end of transfer time (same format as &REQTIM).

14/06/2007 : **SR 1365802** : Support of enviromnet variables in the JAI.

27/06/2007 : **SR 1365936** : Translate envrironment variables in parameters $4 (file name) and $14 (label) of the end of transfer command.

19/09/2007 : **SR 1366954 :** New installation kits for Connect:Express UNIX on LINUX Red Hat 5.

07/02/2008 : **SR 1368216 :** Support of immediate retries – number of retries >0 and 00 minutes

02/06/2008 : Change NOT field to support 0 – 7 range aligned with the new standard of Connect_Express.

11/08/2008 : **case 4884735** : Add environement variable to enable/disable support of empty segment by SSL.
export TOM_SSL_INSERT_EMPTY_FRAGMENTS=X to enable.
No export to disable.

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