netex

H805 Secure Bulk File Transfer (BFX™)
for Intel x86 on Linux Operating Systems

Release 1.3.1

Memo to Users

September 2020

Introduction

This product implements the Network Executive Software H805 Secure Bulk File Transfer utility for Intel x86 platforms running Linux.

This document should be reviewed carefully prior to installation of H805. H804 Secure NetEx/IP for Intel x86 platforms running Linux is a prerequisite.

Secure BFX Intel x86 platforms running Linux s (H805) Release 1.3 is NOT compatible or interoperable with other **non-secure** NetEx/IP products on other platforms, as well as with previous releases of H801IP.

H805 is available by download.

The following manual is available for H805:

Hxx5 Secure BFX for Unix Operating Systems Reference Manual

The manual, along with this Memo to Users can be downloaded from www.netex.com by selecting the 'Support' tab, then navigating to 'Products', then selecting the 'Intel x86 Linux (H80x)' link on the right side of the window, and then clicking on 'Docs' in the 'Secure BFX [H805]' entry for the appropriate version.

Support

For NetEx/IP and associated products, support is available via:

- 24x7 telephone at (800) 854-0359
- http://www.netex.com/support
- email: support@netex.com

Notice to the Customer

Comments about this documentation may be submitted via e-mail to support@netex.com or by visiting our website, http://www.netex.com. Always include the complete title of the document with your comments.

Information on Network Executive Software's general software support policy (e.g., alternate contact methods, support severity level descriptions, and service status definitions) may be found at http://www.netex.com/support/software-support-policy.

Software Modification Policy

Modifications to H805 that are not specifically authorized by NESi are prohibited.

Any unauthorized modifications to H805 may affect its operation and/or obstruct NESi's ability to diagnose problems and provide corrections. Any work resulting from unauthorized modifications shall be paid by the customer at NESi's then-current support rates and may result in the immediate termination of warranty/support coverage.

Notable Features

- Optionally open secure/private connection for jobfile transfer.

- Optionally open secure/private connection for user data transfer.

- For secure transfers, verify allowed user access.

Service Notes

The following notes or restrictions apply for the current release of Secure BFX and may or may not exist in future releases.

1. Following a successful login, BFX log files are created in the login user's home directory with the name "JOBxxxxxxxxlog" where "JOBxxxxxxxx" corresponds to the JOBFILE name. No job log file is created if a user fails for any reason to get properly logged in (e.g. bad password, bad job file format, etc.). In the case of a failed login attempt, the BFXJS log file will contain a message describing the reason for failure.

Installation Notes

Refer to the general *Secure BFX User Manual* for installation instructions.

Update Summary

Release 1.0

This is a new product release which is functionally compatible to the non-secure H801 Release 3.4.4.

Release 1.1

Ticket	Description
8046	SNX log level is uninitialized in trol record
7989	BFX results may show negative transfer rate
7980	BFX407E Message shows entered parameter not Maximum length
7979	Make BFX scripts shell compatible

Release 1.3

Ticket	Description
8063	BFX job submission fails with BFX124S MODE= parameters inconsistent for both BFX jobs.
8064	Allow setting of BFXJS user authorization
8078	BFXTI job aborts before second transfer when other host is TNP requester
8093	Provide consistent Keywords and same functionality for security controls
8099	BFXJS must verify userid length in connect data
8127	Use BFX message format for Secure NetEx messages
8157	MJSEC and NOMJSEC are BFXTI only
8194	JSAUTH failure uses incorrect buffer size
8202	MDSEC sets NOMDSEC
8205	BFXJS does not reset the JSAUTH userid field
8308	Dynamically Modify Remote Host
8472	Need to terminate bfxjs on nrb=3911 error loading cctable
8500	Dash not allowed as token
8503	Remove use of mktemp
8526	Manual has a typo for the description of the SECHOST and NOSECHOST needs to be Job transmissions

Ticket	Description
8546	BFX message values truncate at '%'
8566	Buffer overflow in cpystr
8567	Spurious characters in BFXTR BFX060W message

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Ticket	Description
8738	Enhance processing of record headers
8777	Support NUL in character data
8782	SECHOST definitions exceeding 5 stops job
8787	BFXRCV does not close the file on sender abort