



H805 Secure Bulk File Transfer (BFX™)

for Intel x86 on Linux Operating Systems

Release 1.3.2

Memo to Users

January 2022

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 1.3.1 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 "JOBxxxxxxxlog" where "JOBxxxxxxx" corresponds to the JOBFIL 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 cpysr |
| 8567 | Spurious characters in BFXTR BFX060W message |

Release 1.3.1

| 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 |

Release 1.3.2

| Ticket | Description |
|---------------|--|
| 8895 | Retry Netex connect (prevent denial of service) |
| 9064 | BFX061 and BFX062 should be issued before SCONN |
| 9271 | BFXSND swait deadlock |
| 9272 | Sbfxjs hang submitting jobs |
| 9275 | Add sbfxjs systemd service templates |
| 9306 | Add “Running Multiple BFXJS” procedure for Linux |