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# **H625 Secure Bulk File Transfer (BFX™)**

## **for IBM AIX Operating Systems**

**Release 1.3.2**

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**Memo to Users**

January 2022

# Introduction

This product implements the Network Executive Software H625 Secure Bulk File Transfer utility for IBM Power System and System p AIX systems.

This document should be reviewed carefully prior to installation of H625. H624 Secure NetEx/IP for IBM AIX Operating Systems is a prerequisite.

Secure BFX for IBM Power Systems (H625) Release 1.3.2 is NOT compatible or interoperable with other **non-secure** NetEx/IP products on other platforms, as well as with previous releases of H621IP.

H625 is available by download.

The following manual is available for H625:

*Hxx5 Secure BFX for Unix Operating Systems Reference Manual*

The manual, along with this Memo to Users can be downloaded from [www.netex.com](http://www.netex.com) by selecting the 'Support' tab, then navigating to 'Products', then selecting the 'IBM Power System/AIX (H62x)' link on the right side of the window, and then clicking on 'Docs' in the 'Secure BFX [H625]' entry for the appropriate version.

## Support

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

- 24x7 telephone at +1 763.694.4350
- <http://www.netex.com/support>
- email: [support@netex.com](mailto:support@netex.com)

## Notice to the Customer

Comments about this documentation may be submitted via e-mail to [support@netex.com](mailto: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 H625 that are not specifically authorized by NESi are prohibited.

Any unauthorized modifications to H625 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

This product is functionally equivalent to (non-secure) H621IP with the added capability of optionally sending data privately/securely. However, it is NOT compatible with H620IP or H621.

- 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.

1. H625 is available as a downloadable distribution. Download instructions can be obtained by contacting [support@netex.com](mailto:support@netex.com).
2. Follow the installation instructions in the appendix for AIX Installation in the Hxx5 Secure BFX User Manual to complete the installation.
3. Check if there are any H625 updates by going to [www.netex.com](http://www.netex.com), then clicking on the 'Support' tab, then navigating to 'Products', then selecting the 'IBM Power System for AIX (H62x)' link on the right side of the window, and then clicking on 'Updates' in the 'Secure BFX [H625]' entry for the appropriate version. If there are any, download them and follow their installation instructions.

# Update Summary

## Release 1.3.2

This is a maintenance update with the following issues addressed:

- 8894 Retry Netex connect (prevent denial of service)
- 9063 BFX061 and BFX062 should be issued before SCONN
- 9270 BFXSND swait deadlock
- 9280 Update BFXJS startup script

## Release 1.3.1

This is a maintenance update with the following issues addressed:

- 8737 Enhance processing of record headers
- 8776 Support NUL in character data
- 8781 SECHOST definitions exceeding 5 stops job
- 8785 BFXRCV does not close the file on sender abort

## Release 1.3

This is a maintenance update with the following issues addressed:

- 8307 Dynamically Modify Remote Host
- 8471 Need to terminate bfxjs on nrb=3911 error loading cctable
- 8504 Remove use of mktemp

## Release 1.2

This is a maintenance update with the following issues addressed:

- 8045 SNX log level is uninitialized in trol record
- 8065 Allow setting of BFXJS user authorization
- 8087 Support Legacy BFX Products with Secure BFX via Secure TNP

- 8092 Provide consistent Keywords and same functionality for security controls
- 8121 BFXJS must verify userid length in connect data
- 8128 Use BFX message format for Secure NetEx messages
- 8156 MJSEC and NOMJSEC are BFXTI only
- 8193 JSAUTH failure uses incorrect buffer size

## **Release 1.1**

This is a maintenance update with the following issues addressed:

- 7826 BFXSEND not working between unix to unix type machines.
- 7974 Start and Stop setup & scripts causing problems
- 7982 BFX407E Message shows entered parameter not Maximum length
- 7986 BFX results may show negative transfer rate

## **Release 1.0**

This is a new product release which is functionally compatible to the non-secure H621 Release 3.4.4.