



H305
Extended Mode Secure Bulk File Transfer (BFX™)
for Unisys OS2200 Systems

Release 1.3.6

Memo to Users
September 15, 2020

Introduction

This memo provides supplementary and release-dependent information to users and documents any changes to the Software Reference Manual before a new revision is published.

It should be reviewed carefully prior to installation of the product.

This new release of H305 is a functionally equivalent product but is NOT compatible or interoperable to the current releases of H301/H301L, or H301e.

Service Notes

New Features

This release is a maintenance release for a the secure BFX product (H305) on the Unisys platform.

This product which is functionally equivalent to H301/H301L/H301e, however, it is not compatible or interoperable with any non-secure NetEx products. This product requires H304 (Secure NetEx/IP) and will not interoperate with H300IPC/H300e.

Enhancements were made to the User modules.

For updates, refer to the Update Summary for details.

Update Summary

The following parameters have changed from usage in H301/H301L releases as noted:

Command	Default	Used By
BMOD		<i>Unsupported – IGNORED</i>
BPARM		<i>Unsupported – IGNORED</i>
CHKSUM		<i>Unsupported – ERROR</i>
CLOSE		<i>Deprecated – IGNORED</i>
HOBOPT		<i>Unsupported – ERROR</i>
JFILE		<i>Unsupported – ERROR</i>
JFLAG		<i>Unsupported – ERROR</i>
KEYVAL		<i>Unsupported – ERROR</i>
NOCLOSE		<i>Deprecated – IGNORED</i>
NOCR		<i>Silently ignored</i>
NOCRLF		<i>Silently ignored</i>
NOLF		<i>Silently ignored</i>
RATE		<i>Deprecated – IGNORED</i>
RESTORE		<i>Unsupported – ERROR</i>
RPARM	(blanks)	<i>Silently ignored</i>
SENDJB		<i>Unsupported – ERROR</i>
TIMEFL		<i>Unsupported – ERROR</i>
USE_NAME		<i>Unsupported – ERROR</i>

Release 1.3.6 Updates

- 8809 "File specified is not on tape" message when sending a disk file
- 8812 Accept validation errors in eof labels
- 8814 Check if room in network block using the larger of rparm->recsize or rmaxl to avoid NRB-STAT=3005 when using MODE=OCTET
- 8818 bigblock sender/receiver report RMAXL in different formats

Release 1.3.5 Updates

- 8755 BFX121S after the file is sent
- 8766 Tape compare fails due to different size records
- 8778 bfxrbm, bfxoct, bigblk, and sendrcv prints a authorization for labels tsb612 tsb613 tsb614
- 8806 TSB721 produced in error

Release 1.3.4 Updates

- 8403 TSB602I Missing Tape Serial Number
- 8719 RBM character mode transfers stall with multi-volume tape
- 8734 verify-test uses secure data when non-secure is selected
- 8736 Enhance processing of record headers
- 8747 "END OF BFXxx EXECUTION" message not output as expected
- 8752 MODE=OCTET unexpected messages
- 8757 29009 error is encountered at end of file Missing error message rlen>rxmal
- 8758 sendrec transfers 1 file when sl tape, not authorized for labels
- 8762 bigblk does not use RMAXL if defined – Works differently than H301L

Release 1.3.3 Updates

- 8718 BFX210S & TSB719E, cannot open JOBFIL and format-A tape needed
- 8729 HOBCEK warnings using H305 that do not appear with H301

Release 1.3.2 Updates

- 8678 Duplicate comapi use statement in links
- 8681 bfxoct sending partial blocks
- 8689 Secure BFX SENDER/RECV and multi-file tapes
- 8671 Unisys userid can be up to 13 including null. Connect has an 8 character limit

Release 1.3.1 Updates

- 8426 MODE=OCTET Input Reel Positioning error
- 8427 Unable to terminate BFXTI on bad IP address
- 8575 Secure mode initial performance improvements
- 8608 BFX OCTET transfer need to validate the reblocking of records.
- 8613 USSENDER USRECVER errors in user mods
- 8633 H305 missing RTLVL in edit TCPCFG sections
- 8668 BFXJS attempts to open a file already opened

Release 1.3 Updates

- 8234 JSAUTH failure when H624 submitting job
- 8303 SET RMAXL DEFAULT for TRACKIO
- 8356 JOBFile does not need to cycle
- 8403 TSB602I Missing Tape Serial Number
- 8404 BFX realtime support for ,f on execute option -Unisys
- 8406 Data counts differ from H301
- 8462 User request for a BFXJS term command
- 8467 mode = ascii invalid
- 8469 Need to terminate bfxjs on nrb=3911 error loading ctable
- 8490 Move databuffers to program memory, messages still in activity buffers
- 8498 Dash not allowed as token
- 8509 Data truncated without error when RMAXL is smaller than record size
- 8522 Dynamically Modify Remote Host
- 8523 Manual has a typo for the description of the SECHOST and NOSECHOST
- 8544 BFX message values truncate at ‘%’

Release 1.2 Updates

- 8044 SNX log level is uninitialized in trol record
- 8086 Support Legacy BFX Products with Secure BFX via Secure TNP
- 8091 Provide consistent Keywords and same functionality for security controls
- 8120 BFXJS must verify userid length in connect data
- 8129 Use BFX message format for Secure NetEx messages
- 8155 MJSEC and NOMJSEC are BFXTI only
- 8192 JSAUTH failure uses incorrect buffer size

- 8200 MDSEC sets NOMDSEC
- 8203 BFXJS does not reset the JSAUTH userid field
- 8206 Intermittent BFX211 error "Cannot open output file jobstart, RC=1."

Release 1.1 Updates

- 7936 Add message BFX930I transferred nnnKB in nnn msec = nnn KB/sec
- 7932 Allow 13 character in file name if 13 "."
- 7933 BFX399W Warning tape assigned Format-A
- 7984 BFX407E Message shows entered parameter not Maximum length
- 7931 BFXTRCFG contains TIMEOFFER which is not a BFXTR parameter
- 7903 Rename global config files SBFXTICFG & SBFXTRCFG
- 7934 RMAXL should have a default of 28
- 7935 Time stamp needs to include milliseconds on Unisys
- 7937 TSB710I message on sender and receiver when CFMT tapes are used
- 7995 error when trying to send a file