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**H301/H301L**  
**Bulk File Transfer (BFX™)**  
**for Unisys OS2200 Systems**

**Release 1.4.7**

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**Memo to Users**  
October 15, 2015

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# Introduction

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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 H301 supersedes all previous releases.

# Service Notes

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## New Features and Issues Resolved in This Release

This release is a feature release. Refer to the Update Summary for details.

# Update Summary

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The following reported problems in previous releases of H301 are fixed in this release:

## Release 1.4.7:

- 6548/6549 BFXSJS log fills when comapi is terminated with BFXSJS active
- 6745/6746 bfxtr hangs; operator must cancel; now it will abort
- 6748/6749 Additional information added to the message for nrbstat=1
- 6871/6872 Retrying 3500 errors during connects
- 6888/6889 BFXTR: Disconnects before last message received is now an aborted transmission
- 6907/6903 New feature for secure transfer: Balance Secure Connections

## Release 1.4.6:

- 6682/6683 Tcp options not consistent with Unix / increase readtime out
- 6822/6823 Final read with 2300 error incorrectly reports success

## Release 1.4.5:

- 6025 Support command lines < 256
- 6006 More diags on BFX Protocol buffs, and counts
- 6270/6271 Limit wait for final disconnect to a few minutes (from 5 minutes)
- 6307/6308 BFXTR hung in uniftn – delay issuing SDISC to allow incoming disconnect to finish processing
- 6460 BFX remap elt is incorrect. h301 only

## Release 1.4.4:

Additional feature added for rotating the BFXSJS log.

- 5766** ADD ENGLISH TO ERRORNO OUTPUT FOR CERTIFICATE ISSUES AND RESOURCE SHORTAGES
- 5780** ADD MESSAGE FOR SWITCH COMMAND COMPLETE
- 5783** ADD THE USER TO START A NEW CYCLE OF THE PRINT FILE (LOG ROTATE)
- 5871** BFXSJS ABORT IF use\_NAME IS MISCONFIGURED

**6006/6007** ADDITIONAL DIAGNOSTICS ADDED TO PROTOCOL BUFFERS AND COUNTS

**6023/5477** WHEN MULTIPLE IPADDRESSES ARE LISTED FOR THE NETEX HOST, BFXTR WILL ATTEMPT TO CONNECT ON SUBSEQUENT ADDRESS.

**6191/6192** MISMATCH IN CLOSE MAY CAUSE A REPORTED ABORT

### **Release 1.4.3:**

**5757** NOSUBMIT NOT FUNCTIONING IN SECURE TRANSFERS

**5758** ENQUE THE SECURE TRANSFERS TO THE SAME DESTINATION TO ALLOW FOR SSL HANDSHAKE TO COMPLETE.

**5771/5770** BFX OFFERS SHOULD NOT BE RETRIED AFTER TIME OFFER HAS EXPIRED. (REMOVE NRBSTAT 955 CHECK.)

### **Release 1.4.2:**

**5738** CORRECT INVALID PARSING OF TO=HOST FORMAT; ADDED CHECK FOR FROM=TO SECURE TRANSFER FOR FROM HOST

**5733** WAIT FOR READ COMPLETION OF DISCONNECT BEFORE SENDING DISCONNECT AT JOB TERMINATION – CAUSED JOB SUBMIT FAILURES.

**5744** RETRY SECURE JOBSUBMITS ON COMMAPI ERRORS

### **Release 1.4.1:**

**580** UNABLE TO TRANSFER MULTI-FILE COPY,G TAPE UNISYS-TO-UNISYS

**725** HOSTCHECK FEATURE

**909** INCONSISTENT RESULTS WHEN TRANSFERRING AN EMPTY FILE

**1914** WE ARE UNABLE TO DETECT WARNINGS REPORTED IN BFXTI

**4303** SMALL NEGOTIATED SIZE RESULTS WHEN VERY LARGE BLOCK SPECIFIED

**4344** BFX CONCURRENCY ISSUES RESULTING IN OUT OF MEMORY

**5485/5486** HOBCKEY ABORT OPTION

**5055** BFXJS WENT INTO A LOOP PRINTING 101 MESSAGES AFTER RECEIVING INVALID JOB DATA

**5197** KEYVAL \*\*\*\*\* NOT DOCUMENTED

**5198** KEYIN = \*\*\*\*\* DOES NOT START KEYIN INTERFACE

**5200** DUMP JOB FILE ON INVALID RUN CARD

**5201** CONNECTION PROBLEMS FOUND TESTING NEW CODE BASE

- 5284**        JOB SUBMISSION TO ZOS FAILS WITH INVALID BFX HEADER
- 5285**        BFX NOT USING HEX LENGTHS IN DATA (H301L)
- 5672/5673**   NRB STAT 2300 BFXJS OFFERS WITH SESSION STILL ACTIVE
- 5720**        LOOK FOR NTXnetexhost BEFORE netexhost IN SECURE TRANSFER

## **Release 1.4**

Secure jobfile transfer capability has been added to this release.

- 5492**        – Clarify BFXJS KEYVAL allows more than a 2 character key-in identifier in manual
- 3894/6022**   – Correct sending file to IBM, H211 errors with invalid record header
- 5491/6025**   – Support BFX command lines < 132