

FILEXFER/3X/400™

UPDATE INSTRUCTIONS

Current Releases:

AS/400: Release 05, Modification 02, PTF 2301

System Requirements:

AS/400: OS/400 Version 06 Release 01 Modification 00 or later

For TCP operation:

- TCP/IP Connectivity Utilities (57xx-TC1)

For TCP operation with Secure Socket layer (SSL):

- IBM HTTP Server for AS/400 (57xx-DG1)
- Digital Certificate Manager (Product Option 34)
- Cryptographic Access Provider for AS/400 (57xx-AC3)

Enhancements

Release 5.2 PTF 0000

ASP Support added. FileXfer3X/400 product libraries can be installed in ASPs other than the System ASP (ASP = 1). Basic ASPs (1 – 32) and Independent ASPs (33 – 256) are supported.

Multiple Instances per LPAR supported. FileXfer3X/400 can have multiple instances within the same LPAR. Each instance operates independently of the others. Multiple instances can be running at the same time.

Release 5.1 PTF 0000

TCP port usage simplified. The TCP support definitions for the FileXfer Server are no longer needed. The main port that the FileXfer Server listens on performs the entire transaction. Administrators no longer need to open a large range of ports in their firewalls to use FileXfer TCP support.

Wait until end enhanced. The ENDXFSVR command now has a WAITDLY parameter, which allows the user to specify the timeout value if WAITEND(*YES) is specified.

Release 5.0 PTF 0000

TCP Support added. Users can now send spool entries via TCP/IP between AS/400s. SSL and error correction is supported.

Release 4.0 PTF 0102:

BDS Software Server access. Users can now access the BDS Software Server directly from their AS/400. Software downloads and current release information can be retrieved.

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Problems Corrected

<u>Rel</u>	<u>PTF</u>	<u>Description</u>
5.2	2301	TCP Server task, minor communications errors end the server.
5.2	1801	Install & Update, Check for user QSECOFR before setting Storage Area to *NONE.
5.2	0000	Multiple commands, library BRODERICK added to LIBL, error occurs, function check while sending XFR-1001 message.
5.1	1502	Tasks receive CPD0193 Not authorized to pgm QPMLPMGT.
5.1	1501	Internal modifications.
5.1	1301	(Enhancement) Mirroring, replicated system's password can be specified on the production machine.
5.1	1002	TCP commands, submitted task, CPD0020 & CPF0001 received.
5.1	1001	Install/Update, V5R4 machines, CPF3773 (xxx objects not restored).
5.1	0901	(Enhancement) XOBJ, XTOBJ cmds, added ALWSKP parm.
5.1	0801	XFILE, XTFEILE cmds, allow TOFILE(*NOCOPY).
5.1	0801	Add Processor Group to password expiration messages.
5.1	0000	BXFERSETUP, errors from previous screen show up on current display.
5.1	0000	TCP Server, Listen Backlog may be set incorrectly.
5.1	0000	TCP commands, invalid server password gives wrong message.
5.0	0506	XTxxx cmds, long exec procedures cause time out error on source system.
5.0	0505	(Enhancement) Added Help text to commands.
5.0	0505	XFILE, XTFEILE cmds, TOFILE(*NOCOPY) causes MCH3601 in BXFER17 @ 219.
5.0	0505	XTFEILE, XTOBJ, XTSVAVF cmds, timeout waiting for EXEC, MCH0603 received.
5.0	0504	XFILE, XOBJ, XSAVAVF cmds, run in another cmd's EXEC, errors occur.
5.0	0504	Certain errors on rmt sys, no message text displayed in lcl sys's error message.
5.0	0504	XFILE, XTFEILE cmds, mbr locked on remote gives "Record length > 4088" error.
5.0	0504	R400FILE, RT400FILE cmds, user not authorized to file gives CPF3137 in BXFER53 @ 3700.
5.0	0504	XTFEILE, XTOBJ cmds, > 200 transfers in 1 job gives Socket IO error 3452, Too many open files for process.
5.0	0503	XFILE cmd, extra records possibly placed at end of file. Introduced 5.0 0501.
5.0	0503	XSAVAVF cmd, Target file, *LIBL causes blank file on target.
5.0	0502	PTF 5.0 0501 on sending system causes XFILE problems.
5.0	0501	XFILE, R400FILE cmds, recl > 9999 may cause looping.
5.0	0401	TCP, Specify IP Addr (not Host Name), Connect error received, path not found.
4.0	0204	V5R2, Transfer cmds get MCH6801 error on some machines.
4.0	0203	(Enhancement) BDS to AS/400 Update Download facility can recover from CRC errors.
4.0	0202	V4R4 or earlier, error CPF3C21 received during update to new release.
4.0	0201	V4R4 or earlier, Tailoring Options screen, error received.
4.0	0104	New Software Server interface.

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- 4.0 0103 Added BDS Software Server Problem Data Upload.
- 4.0 0101 Use processor feature code.
- 4.0 9901 CD-ROM support added for install and update.

Installation Instructions

Before you begin:

1. The update will overlay any changes made to BDS objects by the user (i.e. user exit programs, subsystem description BDS). The user must reapply any changes made to BDS supplied objects after applying the update.
2. The update will rename/delete/restore user data files. If for any reason the update process does not complete normally, or receives a function check, FileXfer3X/400 will be unusable and/or user data will be lost. Therefore, we recommend you back up the libraries **BRODERICK**, and **BDSBASE** (if it exists) before starting the update.
3. The supplied media contains the entire FileXfer3X/400 package. If you are installing a new instance of FileXfer3X/400, follow the instructions in Chapter 2, "Installation". Otherwise, use the instructions below to update your existing FileXfer3X/400 instance to the new release.
4. If your old release of FileXfer3X/400 is prior to 5.2 0000, this update will create a new library **BDSBASE** and will move subsystem, class, job description, job queue, and some shared-product objects from library **BRODERICK** to **BDSBASE**. You should update your HA/DR procedures to process library **BDSBASE** similar to how you process library **BRODERICK**.
5. If you have multiple instances of FileXfer3X/400 running on this LPAR, or you already have one of our other products running on this LPAR you may also need to update them before giving users access to them. Refer to Appendix F, Release Compatibility in the FileXfer3X/400 Users Guide for more information. Failure to do so could cause other BDS software to stop working after this instance is updated.
6. These update procedures update a single instance of FileXfer3X/400. If you have multiple instances of FileXfer3X/400 running in this LPAR, you must run this procedure for each instance.

Update Procedure:

1. **Important:** Sign on as QSECOFR.
2. End the FileXfer TCP server and subsystem BDS if they are active:

BRODERICK/ENDXFSVR

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ENDSBS SBS(BDS) OPTION(*IMMED)

Stop all other instances of FileXfer3X/400 and all other BDS products running on this LPAR. The update process will require approximately 20 minutes.

3. Load the objects which will perform the update. Enter one of the following:

If you are using Tape:

RSTOBJ OBJ(BXFERUP*) SAVLIB(XFER40) DEV(XXXXX) RSTLIB(QTEMP)

If you are using CD-ROM:

**RSTOBJ OBJ(BXFERUP*) SAVLIB(XFER40) DEV(OPT01) VOL(BDS)
RSTLIB(QTEMP) OPTFILE(XFER40)**

If you are using a Save file:

You should have a save file containing your media. Verify the contents and note the library saved:

DSPSAVF FILE(mylib/myfile)

The save file should contain objects for library **XFER40**.

Restore the update objects from the save file containing library **XFER40** into library QTEMP:

**RSTOBJ OBJ(BXFERUP*) SAVLIB(XFER40) DEV(*SAVF) SAVF(mylib/myfile)
RSTLIB(QTEMP)**

Enter the lib/name of the save file containing library **XFER40** for mylib/myfile.

4. Execute the update command:

Note: If you are planning to install library **BDSBASE** into an ASP other than the system ASP (ASP 1), refer to Appendix E, "ASP Considerations" to determine the values for the BASASP parameter on the following BXFERUPD command. Refer to the command help text for more information regarding the BASASP parameter.

Note: If you have installed FileXfer3X/400's program library into an IASP, verify that the IASP device's status is **AVAILABLE**. Use the command **WRKCFGSTS CFGTYPE(*DEV) CFGD(your-IASP-dev)**.

If you are using Tape or CD-ROM (Press F4 to prompt):

QTEMP/BXFERUPD DEV(XXXXX)

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If you are using a Save file (Press F4 to prompt):

QTEMP/BXFERUPD DEV(*SAVF) PGMSAVF(mylib/myfile)

Enter the save file containing library **XFER40** for mylib/myfile.

You should receive the message "FileXfer/400 is now installed".

FileXfer is now updated on the AS/400.

5. Access the BDS Software Server (optional).

Note: Your AS/400 must be connected to the Internet to perform this procedure.

a) If you have not done so previously, access the tailoring options screen:

BRODERICK/BXFERSETUP

b) Note the fields "BDS Access Userid" and "Password". You will need a user ID and password to access some of the server options. If needed, contact BDS administration to get this information. If you add your user id and password, press **ENTER** to enter them and re-enter the setup command.

c) Press F14, E-Comm. The Software Server display will appear. Take note of the options available to you. When you are finished, press F3 to exit