

REMOTE SPOOLPRINT3X/400™ UPDATE INSTRUCTIONS

Current Releases:

AS/400: Release 06, Modification 01, PTF 1103

System Requirements:

AS/400: OS/400 Version 5 Release 3 Modification 0 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 6.1 PTF 0000

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

Wait until end enhanced. The CNLRMWTR and ENDRMSVR commands now have a WAITDLY parameter, which allows the user to specify the timeout value if WAITEND(*YES) is specified.

Release 6.0 PTF 0000

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

Release 5.3 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.

Problems Corrected

| <u>REL</u> | <u>PTF</u> | <u>DESCRIPTION</u> |
|------------|------------|--------------------|
|------------|------------|--------------------|

| | | |
|-----|------|--|
| 6.1 | 1103 | BRSPUPD cmd, CPF7304 received in BRSPUPDT at stmt 43300. |
| 6.1 | 1102 | Function checks, I-O errors due to record lock timeouts. |
| 6.1 | 1101 | (Enhancement) Support up to 150k entries in an outq. |

REMOTE SPOOLPRINT3X/400™

UPDATE INSTRUCTIONS

- 6.1 1001 Install/Update, V5R4 machines, CPF3773 (xxx objects not restored).
- 6.1 0801 Add Processor Group to password expiration messages.
- 6.1 0702 TCP Writers receiving sys, submitted job can end abnormally with parameter errors.
- 6.1 0701 Tailoring option Default User not *CREATE, user profile does not exist on receiving system --> MCH3401 in QSPGETSP then BRS1042 w/RC=20 in submitted job.
- 6.1 0000 BRSPLESETUP, errors from previous screen show up on current display.
- 6.1 0000 TCP writers, Listen Backlog may be set incorrectly.
- 6.1 0000 Logging, some records have garbage in the Receive Job fields.
- 6.1 0000 AS/400 SNA writers, Logging=Yes, Evoke error gives MCH1202 in BRSPLE35 at 1058.
- 6.1 0000 TCP writers, invalid server password gives wrong message.
- 6.0 0504 STRRMSVR, ENDRMSVR cmds, added help text.
- 6.0 0504 RSPL menu, prompt list commands.
- 6.0 0503 Internal changes.
- 6.0 0502 TCP Writers, Target Outq not found, output placed in QGPL/QPRINT.
- 6.0 0501 (Enhancement) RCTRSPLQ cmd, recreates damaged data queues.
- 6.0 0402 Target Writers, Default User Profile not = *CREATE, user profiles deleted.
- 6.0 0401 TCP, Specify IP Addr (not Host Name), Connect error received, path not found.
- 6.0 0401 Manage Remote Writers, Writer name not displayed on Type screen.
- 6.0 0305 Remote Writer receives CPF3303 if spool entry deleted.
- 6.0 0304 Update procedure, Log file BRSPLELOG needed extended multiple times.
- 6.0 0303 MVS Writers, V5R2, DBCS causes error on CPYSPLF command.
- 6.0 0302 (Enhancement) TCP, auto detect remote address type.
- 6.0 0302 TCP400 Writers, User ID *DFT, default User ID/Password not sent.
- 6.0 0302 BRSPLESETUP, help text information changes.
- 6.0 0301 TCP Server, start when already started, fcn chk during send message.
- 6.0 0301 Manage Remote Writers, edit error messages do not display.

Installation Instructions

WARNINGS:

1. See the Release Compatibility Table in Appendix F to determine compatibility with remote systems.
2. The update will overlay any changes made to **BDS** objects by the user (i.e. user exit programs, subsystem description BDS, or S/36 procedure RSPOOL01). The user must reapply any changes made to BDS supplied objects after applying the update.

Note: The supplied diskettes contain the entire Remote SpoolPrint package. If you are installing Remote SpoolPrint for the first time, follow the instructions in Chapter 2, "Installation". Otherwise, use the instructions below to update your Remote SpoolPrint to the latest version.

- 1 **Important:** Sign on as QSECOFR.
2. Stop all active Remote Writers and Subsystem **BDS**. Stop all Remote Writers on other systems

REMOTE SPOOLPRINT3X/400™ UPDATE INSTRUCTIONS

sending output to this system. The update process will require approximately 20 minutes.

3. Load the install program. Enter one of the following:

If you are using Tape:

```
RSTOBJ OBJ(BRSPLUP*) SAVLIB(RSPL40) DEV(XXXXX) VOL(*MOUNTED)
RSTLIB(QTEMP)
```

If you are using CD-ROM:

```
RSTOBJ OBJ(BRSPLUP*) SAVLIB(RSPL40) DEV(OPT01) VOL(BDS)
RSTLIB(QTEMP) OPTFILE(RSPL40)
```

If you are using a Save file:

```
RSTOBJ OBJ(BRSPLUP*) SAVLIB(RSPL40) DEV(*SAVF) SAVF(IIII/ffff)
RSTLIB(QTEMP)
```

Enter the lib/name of the save file containing library **RSPL40**.

4. Execute the update procedure:

Warning: Data loss can occur if the following update program does not complete normally. You may wish to back up the library **BRODERICK** before continuing.

If you are using Tape or CD-ROM:

```
QTEMP/BRSPULD DEV(XXXXX)
```

If you are using a Save file:

```
QTEMP/BRSPULD DEV(*SAVF) PGMSAVF(aaaaa)
```

Enter the save file containing library **RSPL40**.

5. Restart desired Remote Writers.

```
STRMWTR RMTWTR(XXXXX) OUTQ(XXXXX/XXXXX)
```

6. 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:

REMOTE SPOOLPRINT3X/400™ UPDATE INSTRUCTIONS

BRODERICK/BRSPLESETUP

- 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.