



*Network Executive Software*

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# **H211 Bulk File Transfer (BFX)**

## **for IBM MVS Systems**

**Release 1.3.1 QVB9409**

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**Memo To Users**

May 17, 2000

# Introduction

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The “QVB9409” PTF provides the capability for BFX to transfer records of up to 65,535 bytes long.

## QVB9409 SMP(/E) Information

### Introduction

This service tape is distributed as PTF QVB9409.

It is a standard label tape cartridge, with a VOLSER of BFXPTF.

This PTF is designed to be installed directly on H211 V1R3M0 Base PUT9007.

Any future general distribution service releases for the H211 product will include changes introduced by this SYSMOD.

# Installation Notes

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## SMP(/E) Installation Procedure

### 1. Accept the base PUT9007

The base PUT9007 should be ACCEPT'ed **before** installing this PTF. Refer to the Memo to Users accompanying the base tape for explicit sample JCL.

### 2. Execute SMP(/E) RECEIVE

The RECEIVE process loads the SYSMOD from the tape. The following sample JCL may be used to perform the SMP RELEASE 4 RECEIVE operation:

```
//RECEIVE4 JOB ,RECEIVE4,
//          CLASS=A,
//          MSGCLASS=A
//*
//*          Sample JCL to SMP 4-RECEIVE QVB9409
//*
//*          NOTE: substitute appropriate values in the following
//*          DD-statements for:
//*          'tape'
//*
//RVB9409 EXEC BFXSMP                      BFX SMP 4 PROC
//SYSIN DD *,DCB=BLKSIZE=080
RECEIVE
  S(QVB9409)
.
//SMPPTFIN DD DISP=OLD,
//          DSN=SMPMCS,
//          UNIT=(tape,,DEFER),          SPECIFY TAPE-UNIT TYPE
//          LABEL=(1,SL),
//          VOL=(,RETAIN,,,SER=BFXPTF)
//
```

The following sample JCL may be used to perform the SMP/Extended RECEIVE operation:

```
//RECEIVEE JOB ,RECEIVEE,
//          CLASS=A,
//          MSGCLASS=A
//*
//*          Sample JCL to SMP/E-RECEIVE QVB9409
//*
//*          NOTE: substitute appropriate values in the following
//*          DD-statements for:
//*          'tape'
//*
//RVB9409 EXEC BFXSMPE                      BFX SMP/E PROC
//SYSIN DD *,DCB=BLKSIZE=080
SET
  BOUNDARY (GLOBAL)
.
RECEIVE
  LIST
  S(QVB9409)
```

```

        SYSMODS
        .
//SMPPTFIN DD DISP=OLD,
//          DSN=SMPMCS,
//          UNIT=(tape,,DEFER),          SPECIFY TAPE-UNIT TYPE
//          LABEL=(1,SL),
//          VOL=(,RETAIN,,,SER=BFXPTF)
//

```

### 3. (Optional) Execute SMP(E) APPLY with CHECK option

The APPLY process specifying CHECK will test the applicability of the QVB9409 PTF in regards to the current H211 at an installation. The APPLY-CHECK will NOT update any system libraries. Any return code other than 0 indicates an error situation that will thwart a successful APPLY; contact Network Executive Software Customer Support for further instructions.

The following sample JCL may be used to perform the SMP Release 4 APPLY-CHECK operation:

```

//APPLYCK4 JOB ,APPLY.CHECK,
//          CLASS=A,
//          MSGCLASS=A
//*
//*          Sample JCL to SMP Release 4-APPLY-CHECK QVB9409
//*
//APPLYCK EXEC BFXSMP4
//SYSIN DD *,DCB=BLKSIZE=080
        APPLY
        CHECK
        S(QVB9409)
        .
//

```

The following sample JCL may be used to perform the SMP Extended APPLY/CHECK operation:

```

//APPLYCKE JOB ,APPLY.CHECK,
//          CLASS=A,
//          MSGCLASS=A
//*
//*          Sample JCL to SMP/E-APPLY-CHECK QVB9409
//*          NOTE: substitute the appropriate value in the following
//*          SMP/E 'SET BOUNDARY' control-statement for:
//*          'target-zone'
//*
//APPLYCK EXEC BFXSMPE          H211 SMP/E PROC
//SYSIN DD *,DCB=BLKSIZE=080
        SET BOUNDARY(target-zone)
        .
        APPLY
        CHECK
        S(QVB9409)
        .
//

```

### 4. Execute SMP(E) APPLY

The APPLY process updates the BFXTGTM dataset with the updated macro elements, the BFXTGTS dataset with the updated source elements, and re-link-edits the BFX module into the BFXLOAD load library.

The appropriate AMODGEN data sets will be required in the SMP(/E) JCL PROC's "SYSLIB" DD concatenation sequence. The assembly references the '&SYSSPLV' symbolic variable (obtained via issuing an SPLEVEL macro) to determine the operating system level. It is the customer's responsibility to ensure that SPLEVEL is set correctly PRIOR to re-assembling any modules.

The following sample JCL may be used to perform the SMP Release 4 APPLY operation:

```
//APPLY4      JOB ,APPLY.QVB9409,
//            CLASS=A,
//            MSGCLASS=A
//*
//*          Sample JCL to SMP 4-APPLY QVB9409
//*
//APPLY      EXEC BFXSMP4                H211 SMP 4 PROC
//SYSIN      DD *,DCB=BLKSIZE=080
  APPLY
    ASSEM
    COMPRESS (ALL)
    S (QVB9409)
  .
//
```

The following sample JCL may be used to perform the SMP Extended APPLY operation:

```
//APPLYE     JOB ,APPLY.QVB9409,
//           CLASS=A,
//           MSGCLASS=A
//*
//*         Sample JCL to SMP/E-APPLY QVB9409
//*
//*         NOTE: substitute the appropriate value in the following
//*         SMP/E 'SET BOUNDARY' control-statement for:
//*         'target-zone'
//*
//APPLY      EXEC BFXSMPE                H211 SMP/E PROC
//SYSIN      DD *,DCB=BLKSIZE=080
  SET BOUNDARY (target-zone)
  .
  APPLY
    ASSEM
    COMPRESS (ALL)
    S (QVB9409)
  .
//
```

Note: The QVB9409 installation is now complete; the PTF should NOT be ACCEPT'ed.

# Update Summary

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The following files are contained on this base tape:

File #1: SMPMCS – SMP(/E) control statements

File #2: QVB9409.F1 – MACRO elements; member list:

BFXIDENT

BFXLVL

BFXOPT

BMGET

File #3: QVB9409.F2 – assembler source elements; member list:

BFXCON

BFXRBM

BFXRCV

BFXRRM

BFXSBM

BFXSND