

# Fast Service Upgrade from VSE/ESA 2.6 or 2.7 to z/VSE 3.1

## 1. FSU Preparation

In order to run the FSU Preparation, the generated job stream for FSU PREPARATION needs to be changed prior to submitting it. Delete the *ID = 'VSEESA.RES..VER2'* - statement:

```
* -----
* STEP 02: RESTORE FSU PROGRAM SRV$FSU INTO IJSYSRS.SYSLIB
* -----
* 1) MOUNT VSE/ESA2.X.X-YY ON TAPE-DRIVE 182
* AND REPLY "(END/ENTER)" TO CONTINUE
* -----
// PAUSE
// EXEC DTRSETP,SIZE=AUTO,PARM='SRV$SYS;PRD2.CONFIG;SET XLAST=P02'
/*
// OPTION IGNLOCK
// ASSGN SYS005,182
// MTC REW,SYS005
// EXEC LIBR,PARM='MSHP'
RESTORE IJSYSR1.SYSLIB.SRV$FSU.PHASE : IJSYSRS.SYSLIB -
        ID = 'VSEESA.RES..VER2' -
        LIST = NO -
        REPLACE = YES -
        TAPE = SYS005
/*
```

The RESTORE statement would then look like:

```
RESTORE IJSYSR1.SYSLIB.SRV$FSU.PHASE : IJSYSRS.SYSLIB -
        LIST = NO -
        REPLACE = YES -
        TAPE = SYS005
```

## **2. FSU Installation**

Upgrading from 2.6.x, a VSE/POWER COLD start will be performed; don't miss to save the POWER data using POFFLOAD at the end of Stage 1 of the FSU.

An upgrade from 2.7 will not require a VSE/POWER cold start; however, the POWER files will be migrated to the new format. Following message is issued during Stage 2 of FSU:

```
1Q0HD  IF SPOOL FILE MIGRATION TO V7R1 IS INTENDED REPLY 'YES',  
ELSE 'NO'
```

Please enter 'YES' to have the queue files converted.

If you enter 'NO', VSE/POWER will not start up. You may either start from DOSRES with old POWER files or IPL once more from SYSWK1, or migrate the POWER files.

After migrating, the POWER files can be used on the old system only after performing a cold start and reloading them. If during Stage 2 of FSU, a problem occurs that requires starting from DOSRES, it is recommended to save the POWER files while started from SYSWK1 in order to load them after the cold start from DOSRES. Refer also to APAR DY46218 for a possibility to avoid the COLD start.

In case your system is started usually with security set on, following message is shown:

```
1QFFD  VSE/POWER WARMSTART AND VSE ACCESS CONTROL NOT  
        ACTIVATED(SEC=NO). DO YOU WISH TO CONTINUE? (YES/NO)
```

Please enter 'YES' to continue.