

# z/OS V1R13

## JES3: Spool add

### Overview

- **Problem:**
  - Warm start required to add a spool extent
  - Disrupts all systems in the JESplex
- **Solution:**
  - Allow spool extents to be added via \*F CONFIG command
  - Alternatively allow spool extents to be added via Hotstart with refresh
- **Benefit / Value:** Eliminates complex-wide IPL when adding a spool.

### Usage and invocation

- Customer sets up a new member with all JSAM definitions
  - Starting with DYNALLOC statements
  - Ending with ENDJSAM
- Customer sets up a new inish deck with an INCLUDE statement pulling in the JSAM member
- Customer performs a H/R with the new inish deck
- Or issues the \*MODIFY CONFIG,ADD= with the new JSAM member
- **JES3 actions:**
  - JES3 will parse the statements and compare them to the current configuration
  - New extents are added
  - New partitions are added
  - Deletions are rejected
  - Other parameters are changed if possible – currently only the ones on the OPTIONS statement
  - Changes are committed if no errors are found
- **JES3 actions - continued:**
  - If \*F CONFIG, new spool extents are made usable only after all locals connect (or are flushed)
  - Note: Flush will now happen automatically when XCF detects the system left the Sysplex

#### ▪ **Inish Example – Member JSAM:**

- DYNALLOC,DDN=IATPLBI1,DSN=SYS1.PROCLIB
- ...
- TRACK,DDNAME=SPOOL1,SPART=PART1
- ...
- SPART,NAME=PART1,DEF=YES,INIT=YES
- ...
- BUFFER,SPLIM=(3,5),PAGES=500,GRPSZ=12,BUFSIZE=4084
- ...
- OPTIONS,WANTDUMP=YES,DUMP=MVS,JOBNO=(1,32767,32767),MT=ON
- ENDJSAM

### Dynamic spool add

- **Inish example – Main member:**
  - INCLUDE, MEMBER=JSAM
  - INCLUDE, MEMBER=STANDARS
  - INCLUDE, MEMBER=MAINS
  - ...

### Interactions and dependencies

- Software Dependencies
  - None
- Hardware Dependencies
  - None
- Exploiters
  - Customers needing this function.

### Migration and coexistence considerations

- The function is requested via \*MODIFY CONFIG command or via Hotstart with refresh.
- All systems must be at V1R13 JES3 level or higher. If a lower-level system is found, existing WTOs IAT3426 and IAT2061 followed by WTOR IAT2064 will be issued. JES3 waits until the operator either resets the down-level systems or cancels the request by responding to the WTOR.
- Systems at V1R12 level or lower will then have to re-IPL before they can connect.

- If the spool is added via \*MODIFY CONFIG, the new spool is made available after all currently connected systems re-connect.

## **Installation**

- No special installation necessary - the function is included in z/OS 1.13.

## **Session summary**

- Spool capacity can now be increased nondisruptively using a command or Hotstart with Refresh.

## **Appendix - References**

- Publications:
  - z/OS V1R13.0 JES3 Initialization and Tuning Reference, SA22-7550
  - z/OS V1R13.0 JES3 Initialization and Tuning Guide, SA22-7549
  - z/OS V1R13.0 JES3 Commands, SA22-7540
  - z/OS V1R12.0 JES3 Messages, SA22-7552