

MVS Commands Cheat Sheet

R n,,NOREQ
Normal JES2 startup reply

K E,D
Erase bottom display area an console

K A,NONE
Undefine the display area at bottom of screen

K E,1
Delete line 1 (top of screen, usually)

K E,SEG
Delete contents of message segment

K N, PFK=(5,CMD='S GTF,580'),CON=N
Define a PFK

K S,REF
Display current console mode

K S,DEL=RD
Set "roll delete" mode (most common mode)

D U,,,380,2
Display two devices, starting at address 380

D U,DASD,ONLINE
Display all online DASD volumes

D U,DASD,ONLINE,C00,8
Display online DASD volumes beginning at address C00

D C,K
Display list of Control command operands

D DUMP
Status of dump data sets

D A, L
List active jobs and users

D PFK
Display PFK definitions

D R,L
List unanswered messages or actions

D T
Display time and date

C U=userid
Cancel TSO user

M 480,VOL=(SL,volser),USE=STORAGE
Typical mount command

SE 'message'
Message to all TSO users

JES2 Commands Cheat Sheet

`$A` Release all held jobs
`$A 'jobname'`
Release specific job. Quotes required.
`$C 'jobname'`
Cancel job or user
`$C PRTn`
Cancel job on printer
`$DA,ALL`
Status of all JES2 functions
`$D 'jobname'`
Display JES status of job or user
`$DU,allPRTS`
Display all JES devices
`$E 'jobname'`
Restart job after it completes
`$H A` or `$H 'jobname'`
Hold jobs
`$I PRTn`
Interrupt printing and return job to queue
`$PI3`
Stop an initiator
`$P 'jobname'`
Purge a job (including spooled output)
`$SI3` or `$SPRT2`
Start an initiator or printer
`$T I3,C=AB`
Assign job classes for an initiator
`$T PRT3,Q=AT`
Change output classes for printer
`$DN`
Display input queues
`$DQ`
Display queues

Shutting down MVS

- Enter \$P
- stop all active processes except JES2
- Check using
 - D A,L
 - \$DA
 - \$DU
- Shutdown JES2 using \$PJES2
- Write Statistics etc using Z EOD
- Flsh IO buffers to disk using QUIESCE

Alter Network Parameters after the network was started

When VTAM is active, some of the startup parameters can be changed

```
>>--+-MODIFY-+-NET, -+-DUMP , ID=ncpname-+------+-----><
+-F-----+      |      +- , RMPO--++      |
| -NESTSOL=+-YES-+------+-----+-----+-----+-----+
|      +-NO--++      |
| -NEGPOLL=number, ID=line name-----+-----+-----+-----+
| -POLL=number, ID=line name-----+-----+-----+-----+
| -SESSION=number, ID=line name-----+-----+-----+-----+
| -SESSION=number, ID=line name-----+-----+-----+-----+
| -TEST-----+-----+-----+-----+-----+-----+
| +-TRACE----+-, +ID=-+-cluster name---+, TYPE=+-IO--+-+
| +-NOTRACE-+ | | -component name- | +-BUF-+
| | | -ncp name-----|
| | | -terminal name--|
| | | +-terminal name--+
| | |
| | | +-ID=-+-line name, TYPE=LINE---+-----+
| | | +-VTAMBUF, TYPE=SMS-----+
| -TRANLIM=number, ID=terminal name-----+-----+-----+
+-SUPP=-+-NOSUPP-+------+-----+-----+-----+2)
| -INFO---|
| -WARN---|
| -NORM---|
+-SER-----+
```

2) OS/VS1 and OS/VS2 SVS only

Display Information About Network resources

When VTAM is active, the various VTAM resource can be displayed

```
+-NONE--++
>>--+-DISPLAY-+-NET, -+------+-, ID=+-application program name-+------><
+-D-----+ | -EVERY- | | -bsc cluster name-----|
| -E-----| | -line name-----+-----+
| -ACT---| | -physical unit name-----|
| -A-----| | +-NCP major node name-----+
| -INACT-|
+-I-----+
```

```
>>--+-DISPLAY-+-NET, ID=+-local 3270 terminal name-+------><
+-D-----+ | -logical unit name-----|
| -terminal name-----+-----+
| -terminal component name--|
+-physical unit name-----+
```

Activate a Network Resource (1)

You can make network resources available after VTAM has started

```
>>--+VARY--+NET,ACT,ID=+application segment-----+-----><
+-V-----+ | -bsc cluster name -----+-----+
| -line name-----+-----+
|           +,ANS=-+ON--+
|           +-OFF--+
| -local terminal set name-----+-----+
|                                     +-,--+COLD--+
|                                     +-WARM--+
| -ncp name-----+-----+
|           +,--+U=channel unit address-----|
|           | -RNAME=remote 3704/3705 name-|
|           +-,--+COLD--+
|           +-WARM--+
| -port name-----+-----+
| -terminal name-----+-----+
| -local pu name-----+-----+
|           +,--+U=channel unit address-----+
| -logical unit name-----+-----+
| -switched sna major node name-----+-----+
|                                     +-,--+COLD--+
|                                     +-WARM--+
| -physical unit name-----+-----+
+-local sna major node-----+-----+
|                                     +-,--+COLD--+
|                                     +-WARM--+
```

Activate a Network Resource (2)

```
>>--+VARY--+NET+-----+,ID=+bsc cluster name-----+,LOGON=application pgm-><
+-V-----+  +,ACT+ | -line name-----+-----+
| -local terminal set name-----+-----+
| -ncp name-----+-----+
+-switched sna major node name-----+
```

Activate a Network Resource (3)

```
>>--+VARY--+NET+-----+,ID=+local sna major node name-----+,LOGON=application pgm->
+-V-----+  +,ACT+ | -physical unit name-----+-----+
| -ncp major node name-----+-----+
+-switched sna major node name-----+

>--+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----><
+-,LOGMODE=logon mode-+  +-,--+COLD--+
|                                     +-WARM--+
```

Deactivate a Network Resource

You can make network resources unavailable after VTAM has started

```
>>--+-VARY-+NET-INACT,--+-+---+,ID=--+bsc cluster name-----+-----><
      +-V-----+      |-I-|      |-line name-----|
                          |-F-|      |-local terminal set name-----|
                          +-R-+      |-ncp name-----|
                                  |-port name-----|
                                  |-terminal name-----|
                                  |-physical unit name-----|
                                  |-logical unit name-----|
                                  |-local SNA major node name----|
                                  +-switched sna major node name-+
```

Terminate Network Activity

This is how you stop the network

```
>>--+-HALT-+-NET+-----+-----><
      +-Z-----+      +-,+-QUICK--+-+--+
                          +-CANCEL-+
```