

Lab Note #9: Don't Touch that Dial!

Here are some resource limits that you have control over which affect session logons, including Exegete Client.

```
:SHOWVAR HPUSER?????
HPUSERCOUNT = 1      Number of Direct (DTC),NS/VT,TELNET sessions counted against your user limit.
HPUSERLIMIT = 20     Your user limit as purchased for your machine (-1 = unlimited).
:SHOWVAR HPSES@
HPSESCOUNT = 2       Number of sessions, including console.
HPSESLIMIT = 60     Maximum sessions allowed.                :LIMIT ,session-max
:SHOWVAR HPJOB?????
HPJOB COUNT = 4      Number of jobs running.
HPJOB FENCE = 7     Priority fence affecting both jobs and sessions.    :JOBFENCE priority-fence
HPJOB LIMIT = 12    Maximum running jobs allowed.                :LIMIT job-max
```

If you plan on having more than 60 sessions, you will have to raise the default in SYSGEN.

```
:SYSGEN
sysgen> MI
misc> SH SE
  SESSION command      parameter      MAX      MIN      CURRENT
-----
MAXIMUM LIMIT         maxlimit      3010     1       60
SECONDS TO LOGON      logontimeout  3010     10      180
CI TIMEOUT (MIN)      citimeout     546      0       0
POOL SIZE             pool          200      1       1
misc> SE MAXLIMIT=1000
misc> HO
misc> E
```

If you plan on having more than 300 NS/VT sessions, you will need to raise the default maximum VTSERVERS.

```
:NSCONTROL SERVER=VTSERVER, 0, 500
:NSCONTROL STATUS=SERVERS
SERVER      MIN      MAX      ACTIVE  RESERVED  DEBUG  PIN  JOBNUM  STATUS
RASERVER   0       300      0       0         OFF
NSSTATUS   0       300      0       0         OFF
LOOPBACK   0       300      0       0         OFF
VTSERVER   0       500      1       0         OFF
           173   #S36    ACTIVE
NFT        0       300      0       0         OFF
DSSERVER   0       300      0       0         OFF

TOTAL NUMBER OF ACTIVE SERVERS:      1
TOTAL NUMBER OF RESERVED SERVERS:    0
TOTAL NUMBER OF SERVERS:             1
```

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Feedback and topic suggestions are welcome and can be emailed to <mailto:technote@exege.com>

Lab Notes are hints and technical notes from the "Labyrinth" (the eXeGeSys software lab); so named because of our complex mission to assimilate understanding the eRP product suite, it's source code, and our development procedures.
