

User management

Account unlock

```
chsec -f /etc/security/lastlog -a "unsuccessful_login_count=0" -s 'myuser'  
pwdadm -c /*Clear ADMCHG flag*/
```

Sendmail

```
# show sendmail status  
lssrc -c sendmail  
  
startsrc -s sendmail -a "-bd -q30m"
```

```
proctree 8196  
ps -fk | grep wait
```

vmstat -v

```
5505024 memory pages  
5331905 lruable pages  
41883 free pages  
1 memory pools  
1302902 pinned pages  
80.0 maxpin percentage  
3.0 minperm percentage  
90.0 maxperm percentage  
4.0 numperm percentage  
216938 file pages  
0.0 compressed percentage  
0 compressed pages  
4.0 numclient percentage  
90.0 maxclient percentage  
216938 client pages  
0 remote pageouts scheduled  
390 pending disk I/Os blocked with no pbuf  
616769 paging space I/Os blocked with no psbuf  
2236 filesystem I/Os blocked with no fsbuf  
100811 client filesystem I/Os blocked with no fsbuf  
2882029 external pager filesystem I/Os blocked with no fsbuf  
95.3 percentage of memory used for computational pages
```

```
[srvbd1]root[]>vmstat -tw 1
```

System configuration: lcpu=4 mem=7952MB

kthr	memory	page
faults	cpu	time

```

-----
-----
r   b       avm       fre   re   pi   po   fr   sr   cy   in
sy  cs us sy id wa hr mi se
 0   0       702600    1052811    0   0   0   0   0   0   2
6268 7339 0  1 99 0 11:52:31
 0   0       702602    1052809    0   0   0   0   0   0   4
5902 7045 0  1 99 0 11:52:32
 0   0       702602    1052809    0   0   0   0   0   0   5
5991 6883 0  1 99 0 11:52:33
 0   0       702602    1052809    0   0   0   0   0   0   4
5913 6100 0  1 99 0 11:52:34

[srvbd1]root[/]>svmon -G
                size      inuse      free      pin      virtual
memory          2035712    982932    1052780    384894    702631
pg space        2097152      2404
                work      pers      clnt      other
pin             314839      0         0         70055
in use         702631      240      280061

PageSize  PoolSize      inuse      pgsp      pin      virtual
s  4 KB      -      935236    2404    361214    654935
m 64 KB      -      2981      0      1480     2981

[srvbd1]root[/]>lscfg
INSTALLED RESOURCE LIST

```

Monitoring

nmon mpstat sar

Processor Binding

```

bindprocessor -q
The available processors are:  0 1

bindprocessor 14662 1

ps -emo THREAD | grep p1

#unbind
bindprocessor -u 14662

```

SMT (Simultaneous Multithreading)

You can enable or disable SMT by running the `smtctl` command.

```
smtctl [ -m off | on [ -w boot | now ] ]
```

The following options are available:

```
-m off
    Sets SMT mode to disabled.
-m on
    Sets SMT mode to enabled.
-w boot
    Makes the SMT mode change effective on next and subsequent restarts if
you run the bosboot command before the next system restart.
-w now
    Makes the SMT mode change immediately but the change does not persist
across restart.
```

If neither the `-w boot` or the `-w now` options are specified, the mode change is made immediately. It persists across subsequent restarts if you run the `bosboot` command before the next system restart.

Processor control

Setting this tunable to a value greater than `-1` will enable the scheduler to enable and disable virtual processors based on the partition's CPU utilization.

If `vpm_xvcpus` is greater than or equal to zero, processor folding is enabled. Otherwise, if it is equal to `-1`, folding is disabled

Use below command to enable folding:

```
schedo -o vpm_xvcpus=0
//Setting vpm_xvcpus to 0

schedo -L vpm_xvcpus

schedo -o vpm_fold_policy=0
schedo -L vpm_fold_policy
```

Note: By default processor folding enabled in AIX

Smitty

[AIX System Management Interface Tool \(SMIT\) Redbook](#)

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