

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](#)

From:

<https://wiki.dewberry.co.za/> - **Shaun's Wiki**

Permanent link:

<https://wiki.dewberry.co.za/doku.php?id=aix>

Last update: **2019/09/16 16:09**

