

# Swapping and vm on red hat

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2006-09/msg00246.html>

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  - *Date:* Wed, 20 Sep 2006 12:39:31 -0700
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I maintain a Red Hat system 3.2.47 with 12G of physical memory. The application is Sun Directory server 5.2 .

My memory parms are :

```
[xxxx:/proc/sys/vm] # cat bdflush
50 500 0 0 500 3000 80 50 0
[eds1:/proc/sys/vm] # cat pagecache
1 15 30
```

I am surprised that with this much memory I am slowing using more and more swap space :

The system has bben in production only a week , yet I see ;

```
ds1:/proc/sys/vm] # vmstat 1 5
procs memory swap io system
cpu
r b swpd free buff cache si so bi bo in cs us sy
wa id
0 0 5436 120196 166200 10942208 0 0 6 8 1 9 2
0 0 11
0 0 5436 120192 166200 10942208 0 0 0 0 374 584 1
0 0 99
1 0 5436 120128 166200 10942272 0 0 0 0 678 1295 4
0 0 96
```

with swap space usage slowly growing.

Most of the memory is taken up with file pages, ( very intensive loggin g ), not program pages.

How do I get the system to preferentially write back to diak file pages ?

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