
Subject: Re: But why is the RAM gone?!
Posted by [HubertD](#) on Thu, 07 Feb 2008 12:52:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

All right, I'm going to use the anticipatory scheduler, just to be on the safe side.

But I don't think it could be a "normal" IO bottleneck as the server has low io-load and, after all, I'm graphing it

Here is a 24h io graph (data generated by "iostat"):

<http://www.denkmair.de/ramgone/iostats/>

the peaks show periodical rsync-backups of the live data on sda and sdb, the large reading phase on sdc at night is the daily offsite-backup.

Other than those, there is almost no ioload on the server, so waiting io requests could easily be handled.

Concerning the raid driver...

```
# cat /proc/scsi/ips/0
```

IBM ServeRAID General Information:

```
Controller Type          : ServeRAID 6M
Memory region            : 0xfb000000 (4096 bytes)
Shared memory address    : 0xf8802000
IRQ number               : 16
BIOS Version             : 7.10.18
Firmware Version         : 7.10.18
Boot Block Version       : 7.10.18
Driver Version           : 7.12.05
Driver Build             : 761
Max Physical Devices     : 30
Max Active Commands      : 64
Current Queued Commands  : 0
Current Active Commands  : 4
Current Queued PT Commands : 0
Current Active PT Commands : 0
```

This is the stock IBM ServeRAID driver from the kernel source, never used something else...

And with kernel 2.6.16, the machine has had an uptime of >400 days.

Also, the mentioned error messages have been there since day one and did not have any impact on stability.

They are gone now because I deactivated my raid status checks.

But, what's attracting my attention right now:

The displayed driver version differs from the firmware version.

No idea whether that is normal or could be a problem, I'm trying to find out...
