

# ProLiant DL380 Frequent Lock-ups – SCSI driver?

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To: <[redhat-list@redhat.com](mailto:redhat-list@redhat.com)>

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Greetings,

We have a Compaq/HP ProLiant DL380 G3 (GigE) experiencing frequent lockups. The machine is a build server running RHL 8.0 (Psyche) with the default 2.4.18-14smp kernel (the machine is a dual Xeon), and has almost constant disk activity. The machine locks up consistently, though not on a particular interval...Usually it will go for 16-24 hours without a reboot, but sometimes it can be 20 minutes, sometimes it can be for days at a time. I can't point to anything more than the constant disk activity that makes me say this, but could it be an issue with the SCSI driver? Here is what dmesg has to say on the subject:

SCSI subsystem driver Revision: 1.00

kmmod: failed to exec /sbin/modprobe -s -k scsi\_hostadapter, errno = 2

Compaq CISS Driver (v 2.4.30)

cciss: Device 0xb178 has been found at bus 1 dev 3 func 0

cciss: using DAC cycles

blocks= 71122560 block\_size= 512

heads= 255, sectors= 32, cylinders= 8716

blk: queue c042e400, I/O limit 4294967295Mb (mask 0xfffffffffffffff)

Partition check:

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cciss/c0d0: p1 p2 p3 p4 < p5 p6 >

Journalled Block Device driver loaded

The machine also has two integrated BroadCom BCM5703X GigE chips (only one is beng used).

Can anyone suggest troubleshooting techniques? Are any of these drivers known to be problematic?

Thanks,

Justin

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