

Linux-Kernel: Need help with diagnosing SCSI related (probably hardware?) problem (DC395 driver)

Need help with diagnosing SCSI related (probably hardware?) problem (DC395 driver)

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-11/4826.html>

From: Oliver Feiler (kiza_at_gmx.net)

Date: 11/30/03

To: linux-kernel@vger.kernel.org

Date: Sun, 30 Nov 2003 23:38:31 +0100

Hi,

since I couple of days I have the following problem. Though I have no idea how to diagnose it and what is causing it. Maybe someone has a clue if I post it here.

My SCSI chain:

Tekram DC395, using the driver from Kurt Garloff

(<http://www.garloff.de/kurt/linux/dc395/>)

Attached is a TEAC CD-R56S4 CDR drive and Panasonic LF-D101 DVD-RAM drive. I use the DVD-RAM to backup stuff, usually 2 GB gets written to a medium as one file.

Since a couple of days however the system just freezes during the backup. As the drive LED of the CD burner blinks every minute or so I suspect Linux is trying to issue a SCSI reset, because something (presumably the DVD-RAM drive) got stuck. This happens endlessly until I press the reset button.

If the system is frozen, no keyboard input works, the screen is not updated anymore. You can ping the system, but not ssh into. There is no hard disk activity and everything that tries to access the hard disk seems to get stuck also. ssh'ing into the machine before starting the backup and using "tail -f /var/log/messages" doesn't give any output.

After a reset when the SCSI controller BIOS inits it gets stuck when scanning ID2, which is the DVD-RAM drive. Only power cycling gets it to boot again. So I guess this device might be the problem. Though it's kinda annoying that the kernel gets stuck in this endless reset loop (or whatever happens at that time) needing to reset the box. Which also makes it practically impossible to debug this problem any further and definitely find out what the problem is.

If anyone has further ideas I could try I'd be happy to hear about them. I only want to dump the drive if I can really be sure that it's broken.

Thanks! :)

Need help with diagnosing SCSI related (probably hardware?) problem (DC395 driver)

Linux-Kernel: Need help with diagnosing SCSI related (probably hardware?) problem (DC395 driver)

Oliver

--

Oliver Feiler <kiza@(kcore.de|lionking.org|gmx[pro].net)>

-

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@vger.kernel.org

More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Please read the FAQ at <http://www.tux.org/lkml/>

- application/pgp-signature attachment: [signature](#)