

Re: How can I create devices for a new tape drive in Solaris 10

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Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2006-03/msg00037.html>

- *From:* Stan Brown <stanb@xxxxxxxx>
 - *Date:* Wed, 1 Mar 2006 12:20:08 +0000 (UTC)
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In <440565d7\$0\$11079\$e4fe514c@xxxxxxxxxxxxxxxx> Casper H.S. Dik <Casper.Dik@xxxxxxx> writes:

Stan Brown <stanb@xxxxxxxx> writes:

Did you use the appropriate type of terminator (it's an LVD/SE and so you need the appropriate type of terminator)

The terminator came of a HP DLT80 that was working on an Adaptec 29160, which I believe is also LVD/SE, isn't it. And the tape drive is an HP Model Q1539B.

Sounds like it should work.

One thing I noticed with the VHD connectors used is that you really **must** screw them down tightly or they will not work.

And screw down the terminator and the cable connecting the tape drive.

Can you give me some guidance as to how to get there?

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My limited experience suggests that you would see the BIOS when it is scanning all the other devices (i.e., not from the "Setup" BIOS but when it starts scanning devices during post)

But I'd first double check the cabling.

I've got the exact same PCI-X card in a X4200 connected to a HP Ultrium LTO 3 drive and it works just fine (after I'd connected the cables firmly and power cycled the tape drive)

Again, thanks for the help.

I just tightened the cables, and power cycled the tape.

Still nothing in /dev/rmt

I was sitting in front of the machine this time, when I did the reboot --- -r, as opposed to yesterday, when I was remote.

I notice a total of 4 error messages on the console as it booted. They were the same thing repeated twice.

The first gave a hardware path that was a PCI device, and says "map failed". The next one gave, what appears to be the same path and said attach failed.

I think these are the same messages I posted from /var/adm/messages yesterday. Any words of wisdom on this?

One point of fear here is that the PCI card in question is a 64bit PI card, and the Ultra 40 only has 32 bit PCI slots. Having said that the Adaptec card I mentioned earlier was also a 64 bit card and has worked happily in a Compaq server under Linux for years in a 32 bit slot.

Probably just a point of fear, since I'm having a hard time getting this working.

What can I try next?

And thanks again for the help!

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"They that would give up essential liberty for temporary safety deserve neither liberty nor safety."

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— Benjamin Franklin

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