

Re: CDROM with raid.

Source: <http://linux.derkeiler.com/Newsgroups/alt.os.linux/2004-11/1036.html>

From: Tom (*tombro_at_usa.net*)

Date: 11/16/04

Date: Mon, 15 Nov 2004 19:04:38 -0500

<don_pettengill@spangilent.com> wrote in message
news:1100555335.122945@emperor.labs.agilent.com...

> Tom <tombro@usa.net> wrote:

> : Good Folks,

>

> : Not sure if this is the correct location for this question, so please

> : forgive me if I'm wrong.

>

> : I am setting up a Linux server with raid1.

> : To do this, I will put a 200G drive as master on each IDE controller. So

> far

> : so good!

>

> : How do I get a bootable CDROM connected.

> : I understand performance will be degraded if I use both channels of the

> : controllers.(for an IDE CDROM)

>

> : If I get a scsi card, I can connect a scsi CDROM, maybe a tape drive or

> ZIP.

>

> : But will I be able to boot off of the CDROM as needed (eg: loading FC3).

>

> : Thanks for your advice. Tom

>

> A number of solutions:

>

> * Can you boot off USB? Some MB can. If so, put your CD drive in a USB

> enclosure. Nice thing is you can take it away and use it somewhere

> else, when it's not needed.

>

> * Get a cheap PCI IDE controller and put the CDROM on it.

>

> I tried this. Didn't work all that well – didn't always boot; the

> BIOS with the card were not very compatible with my other HW. This

> could work in your setup, though. Make sure you can return the card

> if not, just in case. It's getting hard to find nice IDE cards

> these days – everyone is moving to SATA (see below).

alt.os.linux: Re: CDROM with raid.

>
> * *Get SATA to IDE adapters for your drives. Get SATA card, or use
> on-board SATA, then to run your disk drives. Now your IDE ports are
> free for the CD. This is what I have done and it works great (highpoint
> SATA-IDE adapters, \$25 or so each). Side benefit, no more IDE cabling
> problems (-> disk errors - the SATA->IDE converter has very nice output
> and the disks love it :-)) Second benefit, my MB can boot off anything
> connected (I use the previously unused SATA ports).*
>
> * *You could get SCSI. I don't know how easy it would be to boot off
> SCSI CDROM with IDE hard disks connected. Never tried. I do know it's
> a @%%#! pain to boot off a SCSI hard drive with IDE drives connected.
> I gave up on that one, eventually ...*
>
> *You are right, you don't want the CD on a disk connection. Bad idea.
> If USB boot isn't possible you will have to add a card (or use other
> available ports or etc) to get more IDE ports one way or another. Avoid
> SCSI if possible - very expensive unless you get old stuff on e-bay.*
>
>
> *Don Pettengill*
> *Agilent Laboratories*

Thanks Everyone -

That's a lot to try. But I will try everything.

Though I can't - powerdown attach CD, boot, power down remove CD and re-boot.

How would I load FC3 that way?

If I only use the CD to load software, maybe having it as a slave won't slow things down too much.

Thanks again, Tom

What if the Hokey Pokey really is what it's all about!