

Re: Disk Geometry

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-03/0975.html>

From: Kevin Kinsey (*kdk_at_daleco.biz*)

Date: 03/08/05

Date: Tue, 08 Mar 2005 15:28:04 -0600
To: Dan Simmonds <danoxster@gmail.com>

Dan Simmonds wrote:

> *I have a relatively new installation of FreeBSD 5.3 which I have been*
> *running*
> *as a file server. Recently we had a power outage and when I booted up the*
> *machine again, instead of a normal boot sequence I was given an*
> *"automount" prompt.*
>
> *I understand that I have to mount a disk slice and fsck my hard drive*
> *(I think*
> *this is right, please correct me if I'm wrong), only its been a while*
> *since I sliced*
> *up my hard drive and I've forgotten what the disk looks like. Is there*
> *anyway*
> *of investigating the disk geometry from this automount prompt? The only*
> *commands I seem to have available are mount commands.*
>
> *Thanks,*
>
> *Dan.*

(Hi, Dan ... this probably needs to go over to questions@freebsd.org, where more experience folks will see it, so I'm redirecting the CC there...)

Ouch! I hope your disk can recover. Once you get this grassfire out, be sure and check your backup strategies....

The **only** command you can enter isn't even really a command, it's simply the answer to the question "where the heck is /boot?" which is something the system desperately needs to know.

IIRC (and who knows, it has been a little while since I saw this one, thank Deity) it gives you a hint or two about what to do. The usual boot device is /dev/ad0s1 (for IDE drives) or /dev/da0s1 (for SCSI) and the filesystem type is normally ufs (but that could vary, ufs2 for example<?>).

freebsd-questions: Re: Disk Geometry

Once you get in, you will want to fsck and attempt to remount your slices; you probably won't have access to a lot of normal tools (for at least two reasons I can think of: one being that some of them are on the /usr partition, and the other being that \$PATH is not set, so even stuff in /bin and /sbin will *say* "not found", just call 'em by the full path /sbin/fsck, /sbin/mount, etc.) If everything fscks clean, try rebooting again to return to multi-user (normal) mode.

Good luck.

Kevin Kinsey

freebsd-questions@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-questions>

To unsubscribe, send any mail to "freebsd-questions-unsubscribe@freebsd.org"