Re: oops on 2.6.19−rc6−mm2: deref of 0x28 at permission+0x7

Source: http://linux.derkeiler.com/Mailing−Lists/Kernel/2006−12/msg03637.html

- *From*: Jiri Slaby <jirislaby@xxxxxxxxx>
- *Date*: Tue, 12 Dec 2006 13:41:40 +0100

Neil Brown wrote:

> On Monday December 11, jikos@xxxxxxxx wrote:
>
> > On Mon, 11 Dec 2006, Neil Brown wrote:
> >
> > > > > this nash thing is exactly the command
> > > > > which triggers a bit different
> > > > > oops in my case. On my side, the oops is
> > > > > fully reproducible. If you
> > > > > manage to make your case also reproducible,
> > > > > could you please try to
> > > > > revert
> > > > > md−change−lifetime−rules−for−md−devices.patch?
> > > > > This made the
> > > > > oops vanish in my case. I think Neil is
> > > > > working on it.
> > > >
> > > > Trying to work on it − not making a lot of progress. I find it hard to
> > > > see how anything in md can cause the inode for a block−device file to
> > > > disappear... It is a bit of a long−shot, but this patch might change
> > > > things. It changes the order in which things are de−allocated. Jiri and
> > > > Jiri: would either of both of you see if you can reproduce the bug with
> > > > this patch on 2.6.19−rc6−mm2 ???
> >
> > Hi Neil,
> >
> > sorry to say that, but it's still there after applying your patch.
>
> Not a big surprise, but thanks a lot for testing. I think I'm going
> to have to try harder to duplicate it myself.

Away from that machine now, so that I can't test anything till thursday.

> If I remember rightly you are using FC − which version exactly? (I've never installed FC before so this is going to be learning experience).

FC6 with latest updates.

> And you have no MD arrays at all − is that correct?

I do have. md1 md2 md3 −− raid0, 1, 0. But there is no md0 (removed in the past) and 'raidautorun /dev/md0 | nash' causes the troubles.

> And you compile your own kernel. Is it monolithic, or are you using modules? Do you boot with an initrd or just the kernel?

Yup. Monolithic as much as possible (md is in the kernel and so dm is). / on the lvm2 on the /dev/md1 with no initrd. All are sata disks, so sd_mod, sata_promise and ata_piix are in the kernel.

> I'd like to duplicate your installation as closely as possible, so any relevant details or recipes would be greatly appreciated.

Hm, I have never seen FC6 installation process, so I can't say what special option I have turned on −− it's 'yum upgrade'd from FC5, FC4...

regards,
−−
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