
Subject: Re: [PATCH] remove BUG() in possible but rare condition
Posted by [Michal Hocko](#) on Wed, 11 Apr 2012 19:20:52 GMT
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On Wed 11-04-12 11:57:56, Linus Torvalds wrote:

> On Wed, Apr 11, 2012 at 11:48 AM, Michal Hocko <mhocko@suse.cz> wrote:
> >
> > I am not familiar with the code much but a trivial call chain walk up to
> > write_dev_supers (in btrfs) shows that we do not check for the return value
> > from __getblk so we would nullptr and there might be more.
> > I guess these need some treat before the BUG might be removed, right?
>
> Well, realistically, isn't BUG() as bad as a NULL pointer dereference?
>
> Do you care about the exact message on the screen when your machine dies?

I personally do not care as I do not allow anything to map at that area.

It just seems that there are some callers who do not expect that the allocation fails. BUG at the allocation failure which dates back when it replaced buffer_error might have let to some assumptions (not good of course but we should better fix them.

That being said I am not against the patch. BUG on an allocation failure just doesn't feel right...

>
> Linus
>
> --
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