

Re: 2.6.25-rc7-git2: Reported regressions from 2.6.24

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12112.html>

- *From:* Christoph Lameter <clameter@xxxxxxx>
 - *Date:* Mon, 31 Mar 2008 11:56:39 -0700 (PDT)
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On Sun, 30 Mar 2008, Pekka Enberg wrote:

Christoph, I think you're overlooking the same thing I was until Linus straightened me out. We're calling `kmalloc_large()` from `__slab_alloc()` for the fall-back case which causes a bug fixed by Linus' revert.

Yes, that means that `__GFP_ZERO` can be passed to the page allocator there. Same thing as happens when `kmalloc()` calls `kmalloc_large()` (as you pointed out before). The harm is zeroing an allocated object twice in rare cases that trigger the fallback path and that is avoided by Linus' patch.

For the fix to get rid of the backtraces that started this discussion see commit `9c312058b2e530722c7bd30c1b6f26eea35dc5fe`

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