

Linux-Kernel: Re: [PATCH 3/12 2.4] e1000 – use vmalloc for data structures not shared with h/w

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From: Herbert Xu (herbert_at_gondor.apana.org.au)

Date: 07/31/04

To: hch@infradead.org (Christoph Hellwig)

Date: Sat, 31 Jul 2004 17:38:11 +1000

Christoph Hellwig <hch@infradead.org> wrote:

> *On Thu, Jul 29, 2004 at 11:17:08AM –0700, Venkatesan, Ganesh wrote:*
>> *Vmalloc space is less scarce than kmalloc space. Am I right? This patch*
>> *trades kmalloc space for vmalloc space.*
>
> *No, it's not. vmalloc needs virtual space that's rather limited (e.g. 64MB*
> *on PAE x86) in addition to physical memory. Unless you do really big*
> *allocations stay away from vmalloc.*

How big is really big? 64K? 256K? 1M?

Thanks,

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