
Subject: Re: [ckrm-tech] [PATCH 4/7] UBC: syscalls (user interface)

Posted by [Dave Hansen](#) on Fri, 18 Aug 2006 17:29:16 GMT

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On Fri, 2006-08-18 at 09:42 -0700, Andrew Morton wrote:

> I have this mad idea that you can divide a 128GB machine up into 256 fake
> NUMA nodes, then you use each "node" as a 512MB unit of memory allocation.
> So that 4.5GB job would be placed within an exclusive cpuset which has nine
> "mems" (what are these called?) and voila: the job has a hard 4.5GB limit,
> no kernel changes needed.

Is this similar to Mel Gorman's zone-based anti-fragmentation approach?

I thought he was discouraged from pursuing that at the VM summit.

-- Dave
