

Re: Out of Memory – continued

Source: <http://linux.derkeiler.com/Mailing-Lists/RedHat/2008-01/msg00198.html>

- *From:* Ray Van Dolson <rvandolson@xxxxxxxx>
 - *Date:* Wed, 23 Jan 2008 08:15:36 -0800
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On Wed, Jan 23, 2008 at 12:50:24PM +0000, Andrew.Bridgeman@xxxxxxxxxxxxxxxx wrote:

I have also just noticed that the following text comes up when i do a free -m. Does this mean i have no dedicated swap space on the hard disk with the OS on it. If this is the case can i add some dynamically with out messing up the operating system, as i have 2 gig free on the OS disk currently?

```
          total    used    free  shared  buffers   cached
Mem:      2006     94   1912     0        7     43
-/+ buffers/cache:    43   1963
Swap:      0      0      0
```

Any advice would be great.

Yeah, looks like you have no swap. :-) Or at least nothing enabled.

Also, here are settings we use for 32-bit VMware servers which although had plenty of RAM (24GB), were exhibiting OOM errors:

```
vm.min_free_kbytes = 16384
vm.overcommit_memory = 2
vm.overcommit_ratio = 75
vm.lower_zone_protection = 80
vm.swappiness = 60
```

Using these settings, our OOM problems have gone away.

Ray

—

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