Subject: Re: But why is the RAM gone?!
Posted by xemul on Wed, 06 Feb 2008 13:25:37 GMT
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OK, I can imagine two more points of memory leaks.

The 1st is direct page allocations - they can be examined via /proc/buddyinfo file.
The 2nd one is vmalloc - get by cat /proc/meminfo | grep -i vmalloc command.

These are both kernel memory objects, but that would be strange if some driver uses them .

As the last attempt to understand what is going on is to wait till the free is close to zero, make the echo m > /proc/sysrq-trigger and then get the dmesg messages starting from 'SysRq: Show Memory' line up to the end - this will show us the overall memory state by the time of out-of-memory condition.

Upd: Can you please show us the config you compiled the kernel with.

Upd2:
Quote:Would it be wise to test a precompiled enterprise-kernel (linux-image-2.6.18-ovz-028stab051.1-enterprise debian package) on a 32bit xeon machine (4GB)?
For 4Gb of ram regular kernel (smp/up) is more than enough.

Quote:How stable is the 2.6.22-branch? Is it save enough for everyday use?
2.6.22 was our development branch. It is no longer supported.