Subject: Out of socket memory
Posted by dlzinc on Thu, 12 Apr 2007 19:25:36 GMT
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I'm getting a lot of "Out of socket memory" messages on console. I've looked at some past posts... (like http://forum.openvz.org/index.php?t=msg&goto=10220&& amp; amp;srch=out+of+socket+memory#msg_10220 ) but the settings don't seem to apply to me.

Server runs several high load many-many connection VEs.

```
# cat /proc/user_beancounters | grep tcp | sort
        numtcpsock                13               27  9223372036854775807
9223372036854775807                0
        numtcpsock                29               38              250              250                0
        numtcpsock                 3               21               80               80                0
        numtcpsock                 4               21              250              250                0
        numtcpsock                 4               22              250              250                0
        numtcpsock                 4                4               80               80                0
        numtcpsock                48              181              500              500                0
        numtcpsock                68              343              700              700                0
        tcprcvbuf                  0                0           319488           524288                0
        tcprcvbuf                  0             8904           319488           524288                0
        tcprcvbuf            1058296          2166624         10485760         15728640
    0
        tcprcvbuf             131072           667400          1048576          1688576
  0
        tcprcvbuf             212992           953776  9223372036854775807
9223372036854775807                0
        tcprcvbuf             519384          1101680          4194304          6291456
  0
        tcprcvbuf              65536           133368          1048576          1688576
 0
        tcprcvbuf              65536           688904          1048576          1688576
 0
        tcpsndbuf                  0                0           319488           524288                0
        tcpsndbuf                  0            13776           319488           524288                0
        tcpsndbuf            1141400          3874264         10485760         15728640
    0
        tcpsndbuf             149184           284648          1048576          1688576
  0
        tcpsndbuf             358744           565648  9223372036854775807
9223372036854775807                0
        tcpsndbuf             532816          3119728          4194304          6291456
  0
        tcpsndbuf              69504           271552          1048576          1688576
 0
        tcpsndbuf              69504           554232          1048576          1688576
 0
```

Nowhere near barrier or limit...

```
# sysctl net.ipv4.tcp_mem
net.ipv4.tcp_mem = 16777216     33554432        67108864
# sysctl net.ipv4.tcp_max_orphans
net.ipv4.tcp_max_orphans = 65536
```

I bumped up tcp_mem by... a lot, but I'm still getting these messages. Any ideas?

kernel-smp-2.6.18-ovz028stab023.1 (binary RPM from openvz.org, will upgrade to new RHEL5 kernel soon)

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Subject: Re: Out of socket memory
Posted by devonblzx on Fri, 13 Apr 2007 17:10:10 GMT
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I still get these messages in the stable binary version of 2.6.9 so I don't think they are anything to worry about as long as your system isn't crashing or anything.

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Subject: Re: Out of socket memory
Posted by dlzinc on Sat, 14 Apr 2007 00:22:07 GMT
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It's not so much a stability/crashing problem. Like you, I've had no stability related issues while getting this message either. It's more of a "why am I still getting this message" problem.

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