
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
tcpwndbuf       0      0     319488     524288      0
tcpwndbuf       0     13776     319488     524288      0
tcpwndbuf      1141400    3874264    10485760    15728640
0
tcpwndbuf      149184     284648     1048576     1688576
0
tcpwndbuf      358744     565648 9223372036854775807
9223372036854775807      0
tcpwndbuf      532816     3119728     4194304     6291456
0
tcpwndbuf      69504     271552     1048576     1688576
0
tcpwndbuf      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)

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.

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.
