
Subject: kernel: TCP: time wait bucket table overflow
Posted by [lakostis](#) on Mon, 02 Oct 2006 19:42:29 GMT
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Hi!

After updating to test018 OpenVZ patch my syslog full of those messages. /proc/user_beancounters shows nothing unusual comparing with previous kernel. Various docs says that this message indicates low memory situation or simple DoS attack and consider increase net.ipv4.tcp_max_tw_buckets but it didn't help. I'm found another sysctl - net.ipv4.tcp_max_tw_buckets_ub, but it undocumented in ovz docs and looking in code shows that it's internal switch for ubc counters. So what I can do now and how ovz kernel affects this? :) Okay, it's heavy loaded system with 2 Gigs of RAM/1.4 P4 CPU and 1x100Mbit e100 NIC. According nginx internal status there is not so many connections:

```
Active connections: 1067
server accepts handled requests
6494 6494 9525
Reading: 1 Writing: 6 Waiting: 1060
```

```
~# uptime
23:36:22 up 2 days, 10:25, 1 user, load average: 0.80, 2.06, 2.51
```

```
~# free
      total    used    free   shared  buffers   cached
Mem:   2072844 1825712   247132     0    128736   951484
-/+ buffers/cache:  745492 1327352
Swap:   995896    3780   992116
```

PS I can attach kernel buildconfig and dmesg if needed.

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WBR et al.
