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Subject: TCP: time wait bucket table overflow (CT230)

Posted by [ehab](#) on Tue, 27 May 2008 14:12:51 GMT

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I virtualized a hardware node according to the wiki. I used the latest RHEL based openvz kernel (2.6.18-53.1.19.el5.028stab053.14) and (2.6.18-53.1.13.el5.028stab053.10). When I load the virtualized vps i get the following in dmesg and a very high server load.

```
printk: 42274 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 39860 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 38309 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 38956 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 37246 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 37389 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 36846 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 18077 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 36528 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 12413 messages suppressed.
TCP: time wait bucket table overflow (CT230)
printk: 5 messages suppressed.
TCP: time wait bucket table overflow (CT230)
```

could i have forgotten something to do in the physical to virtual migration? Or is this a kernel problem? Can it be hardware or driver related? I tried the fixes in the forum and did `echo 512 > /proc/sys/net/ipv4/tcp_max_tw_kmem_fraction` and that did not fix anything.

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Subject: Re: TCP: time wait bucket table overflow (CT230)

Posted by [ehab](#) on Wed, 28 May 2008 04:43:53 GMT

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it only worked well when i adjusted `echo 50000 > /proc/sys/net/ipv4/tcp_max_tw_buckets_ub` is this normal or acceptable is 50000 too much? i am on 64bit amd.

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