
Subject: "oops in connect_init" in kernel ring buffer

Posted by [rickb](#) on Sat, 04 Nov 2006 07:36:08 GMT

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Hi, I booted into 2.6.18 with patch patch-ovz028test002-combined and config kernel-2.6.18-028test002-i686-enterprise.config.ovz on a dual core dual cpu xeon server. After 26 minutes of uptime see 74 of these entries in dmesg:

```
Oops in connect_init! tp->advms=0, dst->advms=16396
dst: pmtu=16436, advms=16396
sk->state=2, tp: ack.rcv_mss=0, mss_cache=524, advms=0, user_mss=0
```

and a 48 of these:

```
Oops in connect_init! tp->advms=0, dst->advms=1460
dst: pmtu=1500, advms=1460
sk->state=2, tp: ack.rcv_mss=0, mss_cache=524, advms=0, user_mss=0
```

The server seems to be running fine, what does it mean and is it anything to worry about?

Thanks!

Rick

Subject: Another oddity with kernel-smp-2.6.18-ovz028test002.1

Posted by [dowdle](#) on Mon, 06 Nov 2006 20:15:24 GMT

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Greetings,

I also see those opps message in my /var/log/messages... but I'll just pile on here... since this topic is about the new 2.6.18 kernel. Perhaps I'll end up filing a bugzilla report.

On the physical host, it shows an odd process:

```
[root@new ~]# w
15:08:16 up 1 day, 21:20, 2 users, load average: 0.08, 0.25, 0.25
USER  TTY  FROM          LOGIN@  IDLE   JCPU   PCPU   WHAT
root  pts/0  65-100-77-107.bl Sat20   26:13m 2.09s  2.03s  tail -f
/home/cvs/server-root/mint/CVSROOT/history
root  pts/1  scott.coe.montan 15:00   0.00s  0.04s  0.01s  w
```

Further investigation shows:

```
[root@new ~]# ps auxwww | grep cvs
501    18877 0.0  0.0 1848  560 /vz/root/104/dev/pts/0 S+ Nov05  0:02 tail -f
/home/cvs/server-root/mint/CVSROOT/history
```

Noticed that w shows the process being run on the physical host but ps actually shows it is being run on vps 104.

More info:

```
[root@new ~]# vzctl enter 104
entered into VE 104
-bash-3.00# w
15:10:15 up 1 day, 21:18,  1 user,  load average: 0.00, 0.05, 0.04
USER   TTY      FROM             LOGIN@  IDLE   JCPU   PCPU   WHAT
frank  pts/0    wh58-508.st.uni- Sat18   36:30m  2.03s  2.03s  tail -f
/home/cvs/server-root/mint/CVSROOT/history
```

So, it appears that w on the physical host is confused and thinks root from host X is running the tail... when in reality, it is a completely different user, sshed in from a completely different host on a VPS rather than the physical host.

Weird, huh?

Subject: Re: Another oddity with kernel-smp-2.6.18-ovz028test002.1

Posted by [rickb](#) on Tue, 07 Nov 2006 02:19:51 GMT

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Showing vps user activity in the HN (under the output of w) has been in vz and openvz for as long as I can remember. It only happens when you enter and exit a vps with "vzctl enter" and then run w on the HN. I wouldn't say it happens 100% of the time though.

Rick

Subject: Re: Another oddity with kernel-smp-2.6.18-ovz028test002.1

Posted by [Vasily Tarasov](#) on Tue, 07 Nov 2006 08:08:14 GMT

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There're problems with w. You can search in forum about it. Generally it happens due to two reasons:

- 1) algorithm, that w uses to get information (it uses /proc/<pid>).
- 2) in VE0 you can see all processes -> all /proc/<pid> entries.

As concerns

Quote:Oops in connect_init! tp->advms=0, dst->advms=16396
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sk->state=2, tp: ack.rcv_mss=0, mss_cache=524, advmss=0, user_mss=0
Please, fille the bug.

Thanks,
Vasily.
