
Subject: Weird VE/UBC problem

Posted by [dlzinc](#) on Fri, 27 Oct 2006 04:18:26 GMT

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I tried to SSH into one of my VPSes and it failed (connection reset). So I logged in to the HN and tried enter, that failed. Usually when that happens it's "cannot fork" due to inadequate resource, but this time...

```
[root@sakura ~]# vzctl enter 112
enter failed
```

I checked UBC just in case...

```
[root@sakura ~]# vzctl exec 112 cat /proc/user_beancounters
```

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt	
112: kmemsize	2936930	4623186	16384000	18022400		0
lockedpages	0	0	32	32	0	
privvmpages	47892	245925	262144	288358		0
shmpages	140	812	8192	8192	0	
dummy	0	0	0	0	0	
numproc	52	80	100	100	0	
physpages	12146	27743	0	2147483647		0
vmguarpages	0	0	6144	2147483647		0
oomguarpages	12146	27743	6144	2147483647		0
numtcpsock	10	18	80	80	0	
numflock	6	12	100	110	0	
numpty	0	1	16	16	0	
numsiginfo	0	10	256	256	0	
tcpsndbuf	101728	291600	5365760	10485760		0
tcprcvbuf	214120	507292	5365760	10485760		0
othersockbuf	22360	45640	1503232	4063232		0
dgramrcvbuf	0	8380	2097152	2097152		0
numothersock	18	28	80	80	0	
dcachesize	0	0	1048576	1097728		0
numfile	1164	1706	2048	2048	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	10	10	128	128	0	

I tried restarting it, and it still had the same problem. I checked dmesg and noticed:

UBC: BUG: fixing bad page PBs for c1646fbc

flags: 0x20000070 mapping: ef9c43fd mapcount: 0 count: 1

```
PB is c2e56da0 magic 1651769345
[<c015f2ab>] pb_remove_ref+0x34b/0x460
[<c016b380>] find_get_page+0x50/0x130
[<c018133a>] zap_pte_range+0x18a/0x2e0
[<c015ec88>] pb_add_ref+0x1f8/0x4d0
[<c0181513>] zap_pmd_range+0x83/0xb0
[<c01816bf>] unmap_page_range+0x5f/0xf0
[<c0181870>] unmap_vmas+0x120/0x200
[<c0189105>] exit_mmap+0xa5/0x260
[<c012d0ce>] mmpu+0x7e/0x130
[<c01356ee>] do_exit+0x1be/0x860
[<c0135ece>] do_group_exit+0xbe/0x1d0
[<c0120c40>] do_page_fault+0x0/0x5dd
[<c057b61f>] syscall_call+0x7/0xb
Leak PB c2e56da0 for UB f6af0580
removed 1 PBs from hash
VPS: 112: stopped
VPS: 112: started
Registered tone zone 0 (United States / North America)
```

The stopped/started was me trying to restart it. It runs asterisk with ztdummy.

1. What does that UBC BUG mean?
 2. Would ztdummy have something to do with it?
- I have never had this issue before.

Off-topic:

Is there a specific reason why ipt_owner isn't built into the OVZ stab kernel? Is it because it needs to be virtualized to work properly?

```
[root@sakura ~]# uname -ar
Linux sakura.seraphimnetworks.com 2.6.9-023stab032.1 #1 Fri Oct 20 02:48:36 MSD 2006 i686
i686 i386 GNU/Linux
```

About the only thing I haven't tried yet is restarting the HN (I kinda want to avoid doing that if possible...)
