Subject: VZ very slow
Posted by pppplus on Tue, 17 Aug 2010 23:11:34 GMT
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Hi,

From some days, I try to configure a new server, with openvz.
Not so hard, google is very helpfull.

But to finish, and optimize Container and main Server, it is a little hard, and I find some "strange" things.

OpenVz is know as consuming only few ressources. And for me, it is not the case.

Generally :
surfing on website is ok.
The rest is often, very slow, for exemple using DirecAdmin panel.

An exemple of message in Directadmin :
Your connection has timed out
Détails
Either your request was invalid or the program hasn't completed your request.
Please notify the server admin
Or just a command like
yum install <something> is very very long.

Server is 4x 2x 2.66+ GHz with RAM 12Go.
Linux ks312650.kimsufi.com 2.6.18-194.8.1.el5.028stab070.2 #1 SMP Tue Jul 6 14:55:39 MSD 2010 x86_64 x86_64 x86_64 GNU/Linux

Only one website is running on one container. Ok, there is a lot of connection, but this website took 25% of ressources of the previous server (2*2*2.33Ghz + RAM 4Go - not with openvz), so not so big.

Top of server :
top - 11:48:44 up 3 days, 20 min, 2 users, load average: 15.75, 17.55, 22.91
Tasks: 810 total,   1 running, 802 sleeping,   0 stopped,   7 zombie
Cpu(s): 0.8%us, 0.3%sy, 0.0%ni, 83.2%id, 15.6%wa, 0.0%hi, 0.1%si, 0.0%st
Mem: 12264092k total, 11915708k used,   348384k free,   386932k buffers
Swap: 12289704k total,   16k used, 12289688k free, 10270064k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
20612	48	15	0	98152	8748	3228	S	0.7	0.1	0:00.42	httpd
22643	48	15	0	98172	8752	3220	S	0.7	0.1	0:00.14	httpd
22771	48	15	0	98160	8600	3136	S	0.7	0.1	0:00.15	httpd
23007	root	15	0	13272	1684	800	R	0.7	0.0	0:00.06	top
6797	101	17	0	396m	54m	5040	S	0.3	0.5	0:42.96	mysqld
20586	48	15	0	98416	8932	3156	D	0.3	0.1	0:00.46	httpd

```
20929 48      15   0 98416 9028 3244 S  0.3  0.1   0:00.31 httpd
22655 48      15   0 98152 8808 3232 D  0.3  0.1   0:00.13 httpd
22658 48      15   0 98160 8708 3136 D  0.3  0.1   0:00.15 httpd
22664 48      15   0 98416 8972 3204 S  0.3  0.1   0:00.15 httpd
22670 48      15   0 98160 8692 3156 D  0.3  0.1   0:00.15 httpd
22682 48      15   0 98152 8676 3132 S  0.3  0.1   0:00.14 httpd
22716 48      15   0 98160 8632 3168 S  0.3  0.1   0:00.14 httpd
22718 48      15   0 98416 8696 3156 D  0.3  0.1   0:00.12 httpd
22727 48      15   0 98448 8940 3216 D  0.3  0.1   0:00.15 httpd
22750 48      18   0 98160 8724 3212 S  0.3  0.1   0:00.13 httpd
22760 48      18   0 98416 8924 3212 S  0.3  0.1   0:00.15 httpd
    1 root     15   0 10348  700  588 S  0.0  0.0   0:01.04 init
    2 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/0
    3 root     39  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/0
    4 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/1
    5 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/1
    6 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/2
    7 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/2
    8 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/3
    9 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/3
   10 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/4
   11 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/4
   12 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/5
   13 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/5
   14 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/6
   15 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/6
   16 root     RT  -5     0    0    0 S  0.0  0.0   0:00.00 migration/0/7
   17 root     34  19     0    0    0 S  0.0  0.0   0:00.00 ksoftirqd/7
   18 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/0
   19 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/1
   20 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/2
   21 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/3
   22 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/4
   23 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/5
   24 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/6
   25 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 events/7
   26 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 khelper
  131 root     10  -5     0    0    0 S  0.0  0.0   0:00.00 kthread
  142 root     10  -5     0    0    0 S  0.0  0.0   0:00.14 kblockd/0
  143 root     10  -5     0    0    0 S  0.0  0.0   0:00.15 kblockd/1
  144 root     10  -5     0    0    0 S  0.0  0.0   0:00.14 kblockd/2
```

What is strange for me :
=> high load average and only few cpu %

I prepare 3 containers.
1 is working
1 is connected but without domains or trafis

1 is not active (IP is used on another server) but start.

Top of 1 Container working :

```
top - 11:52:26 up 1 day, 20:17,  0 users,  load average: 3.52, 7.69, 13.52
Tasks: 116 total,   2 running, 106 sleeping,   0 stopped,   8 zombie
Cpu(s):  1.6%us,  0.5%sy,  0.0%ni, 94.3%id,  3.6%wa,  0.0%hi,  0.0%si,  0.0%st
Mem:   7358452k total,   590040k used,  6768412k free,        0k buffers
Swap:        0k total,        0k used,        0k free,        0k cached

  PID USER      PR  NI  VIRT  RES  SHR S %CPU %MEM    TIME+  COMMAND
 7821 mysql     17   0  396m  54m 5040 S  1.0  0.8   0:44.81 mysqld
25779 apache    15   0 98408 8792 3168 S  1.0  0.1   0:00.18 httpd
25929 apache    15   0 98152 8576 3120 S  1.0  0.1   0:00.06 httpd
24342 apache    15   0 98432 8912 3180 S  0.7  0.1   0:00.37 httpd
24355 apache    16   0 98192 8716 3172 S  0.7  0.1   0:00.30 httpd
24401 apache    16   0 98408 8828 3184 S  0.7  0.1   0:00.36 httpd
24410 apache    15   0 98416 8748 3188 S  0.7  0.1   0:00.39 httpd
25928 apache    15   0 98416 8748 3136 S  0.7  0.1   0:00.04 httpd
17766 root      15   0 12740 1344  916 R  0.3  0.0   0:01.06 top
24253 apache    15   0 98416 8784 3184 S  0.3  0.1   0:00.33 httpd
24256 apache    15   0 98160 8724 3196 S  0.3  0.1   0:00.39 httpd
24257 apache    15   0 98408 8760 3160 S  0.3  0.1   0:00.34 httpd
24259 apache    15   0 98408 8740 3164 S  0.3  0.1   0:00.40 httpd
24313 apache    15   0 98408 8908 3220 S  0.3  0.1   0:00.36 httpd
24321 apache    15   0 98160 8832 3244 S  0.3  0.1   0:00.39 httpd
24331 apache    15   0 98424 8808 3168 S  0.3  0.1   0:00.33 httpd
24340 apache    15   0 98160 9028 3556 S  0.3  0.1   0:00.35 httpd
24358 apache    15   0 98160 8736 3180 S  0.3  0.1   0:00.36 httpd
24359 apache    15   0 98408 8728 3160 S  0.3  0.1   0:00.36 httpd
24383 apache    15   0 98416 8868 3184 S  0.3  0.1   0:00.36 httpd
25738 apache    15   0 98152 8684 3164 S  0.3  0.1   0:00.23 httpd
25776 apache    15   0 98152 8732 3160 S  0.3  0.1   0:00.13 httpd
25777 apache    15   0 98152 8724 3152 S  0.3  0.1   0:00.14 httpd
25782 apache    15   0 98416 8684 3164 S  0.3  0.1   0:00.14 httpd
25785 apache    15   0 98152 8692 3228 S  0.3  0.1   0:00.16 httpd
25786 apache    18   0 98160 8728 3176 S  0.3  0.1   0:00.13 httpd
25816 apache    15   0 98416 8720 3168 S  0.3  0.1   0:00.14 httpd
25843 apache    15   0 98408 8664 3140 S  0.3  0.1   0:00.07 httpd
25861 apache    15   0 98160 8648 3128 S  0.3  0.1   0:00.06 httpd
25862 apache    15   0 98152 8712 3160 S  0.3  0.1   0:00.10 httpd
25863 apache    15   0 98152 8628 3160 S  0.3  0.1   0:00.08 httpd
25864 apache    15   0 98152 8656 3204 S  0.3  0.1   0:00.07 httpd
25865 apache    15   0 98160 8600 3136 R  0.3  0.1   0:00.05 httpd
25868 apache    15   0 98160 8692 3224 S  0.3  0.1   0:00.05 httpd
25924 apache    16   0 98416 8780 3160 S  0.3  0.1   0:00.08 httpd
25925 apache    15   0 98424 8640 3132 S  0.3  0.1   0:00.04 httpd
25942 apache    15   0 98112 8496 3068 S  0.3  0.1   0:00.02 httpd
    1 root      18   0 10348  744  624 S  0.0  0.0   0:00.05 init
```

```
 1500 dovecot   15   0     0    0    0 Z  0.0  0.0   0:00.00 pop3-login <defunct>
 6097 dovecot   18   0     0    0    0 Z  0.0  0.0   0:00.00 pop3-login <defunct>
 7186 root      18   0 75024  25m 1392 S  0.0  0.4   0:04.69 lfd
 7443 dovecot   15   0     0    0    0 Z  0.0  0.0   0:00.00 pop3-login <defunct>
 7797 root      18   0 11928 1400 1160 S  0.0  0.0   0:00.00 mysqld_safe
 9627 dovecot   18   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
11838 dovecot   15   0     0    0    0 Z  0.0  0.0   0:00.00 pop3-login <defunct>
12091 dovecot   18   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
14328 named     23   0  220m 4740 2056 S  0.0  0.1   0:19.09 named
16026 root      15   0 11204  344  216 S  0.0  0.0   0:00.03 vzctl
16027 root      16   0 12064 1612 1264 S  0.0  0.0   0:00.01 bash
18189 mail      15   0 61992 1292  688 S  0.0  0.0   0:00.00 exim
```

Some strange dovecot - pop3-login running
Often load average, 10-20, but always very few cpu%
Often, impossible to connect via FTP connect to read emails
Navigation in DirectAdmin very slow. Almost impossible to decompress Backups.
But navigation http without problem, very quick.

Top of 1 Container connected, but without domains, trafic :

```
top - 14:02:49 up 1 day, 17:00,  0 users,  load average: 0.65, 0.43, 0.55
Tasks:  65 total,   1 running,  64 sleeping,   0 stopped,   0 zombie
Cpu(s):  0.0%us,  0.0%sy,  0.0%ni,100.0%id,  0.0%wa,  0.0%hi,  0.0%si,  0.0%st
Mem:   7358452k total,   336764k used,  7021688k free,        0k buffers
Swap:        0k total,        0k used,        0k free,        0k cached

  PID USER      PR  NI  VIRT  RES  SHR S %CPU %MEM    TIME+  COMMAND
    1 root      15   0 10348  736  620 S  0.0  0.0   0:00.05 init
 3233 ftp       15   0  8800 1188  744 S  0.0  0.0   0:00.02 proftpd
 3400 root      17  -4 12604  668  352 S  0.0  0.0   0:00.00 udevd
 7798 root      18   0 21644  908  692 S  0.0  0.0   0:00.00 xinetd
 8078 apache    18   0 96684  10m 2928 S  0.0  0.1   0:00.02 httpd
 9991 root      18   0 11928 1400 1160 S  0.0  0.0   0:00.00 mysqld_safe
10015 mysql     18   0  127m  21m 6176 S  0.0  0.3   0:00.11 mysqld
10028 named     22   0  220m 4572 2048 S  0.0  0.1   0:00.04 named
12046 root      18   0 75024  25m 1376 S  0.0  0.4   0:10.14 lfd
13600 nobody    25   0 48708 1492  916 S  0.0  0.0   0:00.07 directadmin
13602 nobody    24   0 48708  748  172 S  0.0  0.0   0:00.00 directadmin
13603 nobody    24   0 48708  748  172 S  0.0  0.0   0:00.00 directadmin
13604 nobody    24   0 48708  748  172 S  0.0  0.0   0:00.00 directadmin
13605 nobody    24   0 48708  748  172 S  0.0  0.0   0:00.00 directadmin
13606 nobody    25   0 48708  748  172 S  0.0  0.0   0:00.00 directadmin
14065 mail      15   0 54600 1212  628 S  0.0  0.0   0:00.00 exim
17581 root      18   0 10336  728  504 S  0.0  0.0   0:00.00 dovecot
17584 root      15   0 15196 1340  788 S  0.0  0.0   0:00.00 dovecot-auth
17615 dovecot   19   0 38196 2344 1848 S  0.0  0.0   0:00.00 pop3-login
17616 dovecot   20   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17617 dovecot   17   0 38196 2344 1848 S  0.0  0.0   0:00.00 pop3-login
```

```
17618 dovecot   22   0 38196 2352 1848 S  0.0  0.0   0:00.00 pop3-login
17619 dovecot   23   0 38196 2344 1848 S  0.0  0.0   0:00.00 pop3-login
17620 dovecot   24   0 38196 2352 1848 S  0.0  0.0   0:00.00 pop3-login
17621 dovecot   25   0 38196 2352 1848 S  0.0  0.0   0:00.00 pop3-login
17622 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17623 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17624 dovecot   25   0 38196 2344 1848 S  0.0  0.0   0:00.00 pop3-login
17625 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17626 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17627 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17628 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17629 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17630 dovecot   25   0 38196 2348 1848 S  0.0  0.0   0:00.00 pop3-login
17631 dovecot   25   0 38212 2360 1856 S  0.0  0.0   0:00.00 imap-login
17632 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17633 dovecot   25   0 38212 2352 1856 S  0.0  0.0   0:00.00 imap-login
17634 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17635 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17636 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17637 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17638 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17639 dovecot   25   0 38212 2360 1856 S  0.0  0.0   0:00.00 imap-login
17640 dovecot   25   0 38212 2352 1856 S  0.0  0.0   0:00.00 imap-login
17641 dovecot   25   0 38212 2352 1856 S  0.0  0.0   0:00.00 imap-login
17642 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17643 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17644 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17645 dovecot   25   0 38212 2356 1856 S  0.0  0.0   0:00.00 imap-login
17646 dovecot   25   0 38212 2360 1856 S  0.0  0.0   0:00.00 imap-login
```

A lot of dovecot - pop3-imap / imap-login
Idem, very difficult to use directadmin panel. That's very slow.

Top of 1 Container started, but not working (ip not connected) :

```
top - 12:20:12 up 4 min,  0 users,  load average: 1.41, 0.92, 0.39
Tasks:  77 total,   1 running,  76 sleeping,   0 stopped,   0 zombie
Cpu(s):  0.0%us,  0.0%sy,  0.0%ni,100.0%id,  0.0%wa,  0.0%hi,  0.0%si,  0.0%st
Mem:   7358452k total,   309316k used,  7049136k free,        0k buffers
Swap:        0k total,        0k used,        0k free,        0k cached

  PID USER      PR  NI  VIRT  RES  SHR S %CPU %MEM    TIME+  COMMAND
 7670 root      15   0 12732 1240  916 R  0.3  0.0   0:00.11 top
    1 root      18   0 10348  740  624 S  0.0  0.0   0:00.18 init
 7297 root      17  -4 12604  664  352 S  0.0  0.0   0:00.00 udevd
 7601 root      16   0  5908  604  488 D  0.0  0.0   0:00.00 syslogd
 7644 root      15   0 11204  340  216 S  0.0  0.0   0:00.00 vzctl
 7645 root      16   0 12064 1608 1264 S  0.0  0.0   0:00.00 bash
 7701 root      18   0 10336  720  508 S  0.0  0.0   0:00.00 dovecot
```

```
 7712 root      20   0 62632 1180  624 S  0.0  0.0   0:00.00 sshd
 7721 root      15   0 21644  884  672 S  0.0  0.0   0:00.00 xinetd
 7733 root      18   0 11928 1392 1160 S  0.0  0.0   0:00.00 mysqld_safe
 7743 root      15   0 15196 1336  788 S  0.0  0.0   0:00.00 dovecot-auth
 7776 dovecot   19   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7777 dovecot   20   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7778 dovecot   21   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7779 dovecot   22   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7780 dovecot   23   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7781 dovecot   24   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7782 dovecot   25   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7783 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7784 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7785 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7786 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7787 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7788 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7789 dovecot   25   0 38188 2328 1832 S  0.0  0.0   0:00.00 pop3-login
 7790 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7791 dovecot   25   0 38188 2332 1832 S  0.0  0.0   0:00.00 pop3-login
 7792 dovecot   25   0 38204 2336 1840 S  0.0  0.0   0:00.00 imap-login
 7793 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7794 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7795 dovecot   25   0 38204 2344 1840 S  0.0  0.0   0:00.00 imap-login
 7796 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7799 dovecot   25   0 38204 2336 1840 S  0.0  0.0   0:00.00 imap-login
 7800 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7801 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7802 dovecot   25   0 38204 2336 1840 S  0.0  0.0   0:00.00 imap-login
 7803 dovecot   25   0 38204 2336 1840 S  0.0  0.0   0:00.00 imap-login
 7804 dovecot   25   0 38204 2336 1840 S  0.0  0.0   0:00.00 imap-login
 7805 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7806 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7807 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7808 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7809 dovecot   25   0 38204 2340 1840 S  0.0  0.0   0:00.00 imap-login
 7865 mysql     20   0  136m  17m 3724 S  0.0  0.3   0:00.02 mysqld
 8028 root      15   0  1244  232  180 S  0.0  0.0   0:00.00 da-popb4smtp
 8036 nobody    20   0 48700 1496  916 S  0.0  0.0   0:00.06 directadmin
 8043 mail      20   0 62108 1244  640 S  0.0  0.0   0:00.00 exim
 8051 nobody    20   0 48700  752  172 S  0.0  0.0   0:00.00 directadmin
 8052 nobody    20   0 48700  752  172 S  0.0  0.0   0:00.00 directadmin
 8053 nobody    20   0 48700  752  172 S  0.0  0.0   0:00.00 directadmin
```

So, problably something is misconfigured, but I don't know what.

Exemple of a conf for a container (those one working).

I use wzsplit to have idea of values.

```
#  Copyright (C) 2000-2009, Parallels, Inc. All rights reserved.
#
#  This program is free software; you can redistribute it and/or modify
#  it under the terms of the GNU General Public License as published by
#  the Free Software Foundation; either version 2 of the License, or
#  (at your option) any later version.
#
#  This program is distributed in the hope that it will be useful,
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#  GNU General Public License for more details.
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#  You should have received a copy of the GNU General Public License
#  along with this program; if not, write to the Free Software
#  Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA  02111-1307  USA
#

ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
KMEMSIZE="418614340:460475774"
LOCKEDPAGES="20440:20440"
PRIVVMPAGES="1839613:2023574"
SHMPAGES="183961:183961"
NUMPROC="10220:10220"
PHYSPAGES="0:9223372036854775807"
VMGUARPAGES="816539:9223372036854775807"
OOMGUARPAGES="816539:9223372036854775807"
NUMTCPSOCK="10220:10220"
NUMFLOCK="1000:1100"
NUMPTY="512:512"
NUMSIGINFO="1024:1024"
TCPSNDBUF="97676993:139538113"
TCPRCVBUF="97676993:139538113"
OTHERSOCKBUF="48838496:90699616"
DGRAMRCVBUF="48838496:48838496"
NUMOTHERSOCK="10220:10220"
DCACHESIZE="91444194:94187520"
NUMFILE="163520:163520"
AVNUMPROC="5110:5110"
NUMIPTENT="2000:2000"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="94371840:104857600"
DISKINODES="5898240:6553600"
QUOTATIME="0"
```

```
# CPU fair sheduler parameter
CPUUNITS="159571"

VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-5-x86_64"
ORIGIN_SAMPLE="max-limits6"
QUOTAUGIDLIMIT="50"
```

I add a mail from LFD

```
Time:                 Tue Aug 17 11:48:27 2010 +0200
1 Min Load Avg:       13.22
5 Min Load Avg:       11.82
15 Min Load Avg:      16.23
Running/Total Processes: 3/168
```

ps.txt

Output from ps:

```
USER       PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
 root         1  0.0  0.0  10348   744 ?        Ss   Aug15   0:00 init [3]
 root     21612  0.0  0.0  12604   672 ?        S<s  Aug15   0:00 /sbin/udevd -d
 root     21918  0.0  0.0   5908   612 ?        Ds   Aug15   0:01 syslogd -m 0
 root     21938  0.0  0.0  63524  1220 ?        Ss   Aug15   0:00 /usr/sbin/sshd
 root     21947  0.0  0.0  21644   900 ?        Ss   Aug15   0:00 xinetd -stayalive -pidfile
/var/run/xinetd.pid
 root     25969  0.0  0.0   1244   320 ?        Ss   Aug15   0:00 /usr/local/directadmin/da-popb4smtp
 nobody   25977  0.0  0.0  48700  1532 ?        Ss   Aug15   0:00 /usr/local/directadmin/directadmin
d
 nobody   19610  0.0  0.0  48700   752 ?        S    11:39   0:00  \_
/usr/local/directadmin/directadmin d
 nobody   19611  0.0  0.0  48700   752 ?        S    11:39   0:00  \_
/usr/local/directadmin/directadmin d
 nobody   19620  0.0  0.0  48700   752 ?        S    11:39   0:00  \_
/usr/local/directadmin/directadmin d
 nobody   20429  0.0  0.0  48700   752 ?        S    11:43   0:00  \_
/usr/local/directadmin/directadmin d
 nobody   20430  0.0  0.0  48700   752 ?        S    11:43   0:00  \_
/usr/local/directadmin/directadmin d
 ftp      26020  0.0  0.0   8800   980 ?        Ss   Aug15   0:00 proftpd: (accepting connections)
 root     26028  0.0  0.0  20872  1184 ?        Ss   Aug15   0:00 crond
 root     21983  0.0  0.0  45996  1556 ?        S    11:46   0:00  \_ crond
 root     21984  0.0  0.0  45992   908 ?        S    11:46   0:00  |   \_ crond
 root     23600  0.0  0.0  45996  1556 ?        S    11:47   0:00  \_ crond
 root     23601  0.0  0.0  45992   908 ?        S    11:47   0:00  |   \_ crond
```

```
root     23895  0.0  0.0  45996  1556 ?        S    11:48   0:00  \_ crond
root     23896  0.0  0.0  45992   908 ?        S    11:48   0:00      \_ crond
root     26036  0.0  0.0  46736   824 ?        Ss   Aug15   0:00 /usr/sbin/saslauthd -m
/var/run/saslauthd -a pam -n 2
root     26037  0.0  0.0  46736   556 ?        S    Aug15   0:00  \_ /usr/sbin/saslauthd -m
/var/run/saslauthd -a pam -n 2
named    14328  0.0  0.0 225976  4668 ?        Ssl  Aug15   0:19 named -u named
mail     18189  0.0  0.0  61992  1292 ?        Ss   Aug15   0:00 /usr/sbin/exim -bd -q15m -oP
/var/run/exim.pid
root     24404  0.0  0.0  10336   796 ?        Ss   Aug15   0:00 dovecot
root     24405  0.0  0.0  15196  1440 ?        S    Aug15   0:00  \_ dovecot-auth
dovecot  24428  0.0  0.0  38188  2332 ?        S    Aug15   0:00  \_ pop3-login
dovecot  24434  0.0  0.0  38188  2332 ?        S    Aug15   0:00  \_ pop3-login
dovecot  24441  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24442  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  24443  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  24444  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  24445  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  24446  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24447  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24448  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24449  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  24450  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24451  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24452  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  24453  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  25918  0.0  0.0  38204  2344 ?        S    Aug15   0:00  \_ imap-login
dovecot  26096  0.0  0.0  38204  2340 ?        S    Aug15   0:00  \_ imap-login
dovecot  26097  0.0  0.0  38204  2336 ?        S    Aug15   0:00  \_ imap-login
dovecot  27988  0.0  0.0  38188  2332 ?        S    Aug15   0:00  \_ pop3-login
dovecot   9627  0.0  0.0  38188  2332 ?        S    Aug15   0:00  \_ pop3-login
dovecot  12091  0.0  0.0  38188  2332 ?        S    Aug15   0:00  \_ pop3-login
dovecot  23628  0.0  0.0  38188  2332 ?        S    Aug16   0:00  \_ pop3-login
dovecot  19551  0.0  0.0  38188  2356 ?        S    Aug16   0:00  \_ pop3-login
dovecot  18378  0.0  0.0  38188  2336 ?        S    Aug16   0:00  \_ pop3-login
dovecot  30080  0.0  0.0  38188  2328 ?        S    Aug16   0:00  \_ pop3-login
dovecot  27890  0.0  0.0      0     0 ?        Z    07:40   0:00  \_ [pop3-login] <defunct>
dovecot   7443  0.0  0.0      0     0 ?        Z    08:07   0:00  \_ [pop3-login] <defunct>
dovecot  29806  0.0  0.0      0     0 ?        Z    08:55   0:00  \_ [pop3-login] <defunct>
dovecot  11838  0.0  0.0      0     0 ?        Z    10:26   0:00  \_ [pop3-login] <defunct>
dovecot   1500  0.0  0.0      0     0 ?        Z    11:06   0:00  \_ [pop3-login] <defunct>
dovecot   6097  0.0  0.0      0     0 ?        Z    11:16   0:00  \_ [pop3-login] <defunct>
dovecot  23857  0.0  0.0  38188  2332 ?        S    11:47   0:00  \_ pop3-login
root     20410  0.0  0.1  96992  7704 ?        Ss   00:11   0:03 /usr/sbin/httpd -k start -DSSL
apache   20195  0.1  0.1  98152  8740 ?        D    11:43   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache   20197  0.1  0.1  98408  8896 ?        S    11:43   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache   20250  0.1  0.1  98416  8832 ?        S    11:43   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache   20260  0.1  0.0      0     0 ?        Z    11:43   0:00  \_ [httpd] <defunct>
```

```
apache  20299  0.1  0.1  98408  8852 ?        S    11:43   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  20358  0.1  0.1  98152  8644 ?        S    11:43   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21610  0.1  0.1  98416  8932 ?        S    11:44   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21636  0.1  0.1  98152  8684 ?        S    11:44   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21637  0.1  0.1  98432  8912 ?        S    11:44   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21736  0.2  0.1  98152  8728 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21820  0.1  0.1  98416  8780 ?        D    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21825  0.1  0.1  98152  8684 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21839  0.0  0.1  98160  8708 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21949  0.1  0.1  98168  8624 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21953  0.1  0.1  98416  8864 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21957  0.1  0.1  97920  8632 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21959  0.1  0.1  98416  8852 ?        D    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21964  0.1  0.1  98416  8804 ?        D    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21966  0.1  0.1  98408  8820 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21968  0.1  0.1  98416  8788 ?        S    11:45   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21991  0.1  0.1  98160  8684 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  21993  0.1  0.1  98200  8688 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  22004  0.1  0.1  98440  8800 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  22007  0.1  0.1  98136  8816 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  22087  0.1  0.1  98416  8696 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  22101  0.1  0.1  97936  8644 ?        S    11:46   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23667  0.1  0.1  98172  8700 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23668  0.1  0.1  98160  8600 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23679  0.1  0.1  98152  8772 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23682  0.1  0.1  98160  8648 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23683  0.1  0.1  98416  8784 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23686  0.1  0.1  98160  8704 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23688  0.1  0.1  98160  8652 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23690  0.1  0.1  98160  8720 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23694  0.1  0.1  98160  8616 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23698  0.1  0.1  98160  8628 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23699  0.1  0.1  98152  8588 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23701  0.1  0.1  98416  8908 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23702  0.1  0.1  98152  8660 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23703  0.1  0.1  98160  8668 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23706  0.1  0.1  98152  8692 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23735  0.1  0.1  98416  8716 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23736  0.1  0.1  98416  8728 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23737  0.1  0.1  98152  8576 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23740  0.1  0.1  98160  8616 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23742  0.0  0.1  98416  8668 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23746  0.1  0.1  98408  8716 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23748  0.1  0.1  98408  8776 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23751  0.1  0.1  98448  8940 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23756  0.1  0.1  98152  8632 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23757  0.1  0.1  98160  8596 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
apache  23762  0.1  0.1  98160  8628 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
```

```
 apache   23763  0.1  0.1  98152  8580 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23768  0.1  0.1  98416  8916 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23769  0.1  0.1  98432  8776 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23773  0.1  0.1  98408  8684 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23774  0.1  0.1  98160  8596 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23776  0.1  0.1  98416  8852 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23778  0.1  0.1  98160  8728 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23779  0.1  0.1  98160  8596 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23780  0.1  0.1  98416  8644 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23781  0.1  0.1  98160  8600 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23782  0.1  0.1  98416  8692 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23784  0.1  0.1  98416  8700 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23785  0.1  0.1  98416  8688 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23786  0.1  0.1  98416  8764 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23792  0.1  0.1  98152  8604 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23793  0.1  0.1  98160  8720 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23794  0.1  0.1  98408  8664 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23795  0.0  0.1  98160  8600 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23796  0.1  0.1  98160  8648 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23797  0.1  0.1  98160  8708 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23799  0.1  0.1  98416  8696 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23801  0.1  0.1  98160  8588 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23802  0.1  0.1  98416  8716 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23803  0.1  0.1  98152  8596 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23807  0.1  0.1  98152  8596 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23808  0.1  0.1  98152  8612 ?        D    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 apache   23810  0.1  0.1  98416  8676 ?        S    11:47   0:00  \_ /usr/sbin/httpd -k start -DSSL
 root      7186  0.0  0.3  75024 25992 ?        Rs   03:12   0:04 lfd - processing
 root     24006  0.0  0.3  75024 25176 ?        R    11:48   0:00  \_ lfd - (child) connection tracking...
 root     24007  0.0  0.3  75024 25400 ?        S    11:48   0:00  \_ lfd - (child) checking load...
 root     24008  0.0  0.0  10860  1012 ?        R    11:48   0:00  |   \_ /bin/ps axuf
 root     24009  0.0  0.3  75024 25168 ?        R    11:48   0:00  \_ lfd - (child) process tracking...
 root      7797  0.0  0.0  11928  1400 ?        S    10:19   0:00 /bin/sh /usr/bin/mysqld_safe
--datadir=/var/lib/mysql --pid-file=/var/lib/mysql/vps102.3go.fr.pid
 mysql     7821  0.8  0.7 405800 55744 ?        Sl   10:19   0:42  \_ /usr/sbin/mysqld --basedir=/
--datadir=/var/lib/mysql --user=mysql --pid-file=/var/lib/mysql/vps102.3go.fr.pid
--skip-external-locking
 root     16026  0.0  0.0  11204   344 ?        Ss   11:34   0:00 vzctl: pts/0
 root     16027  0.0  0.0  12064  1612 pts/0    Ss   11:34   0:00  \_ -bash
 root     17766  0.1  0.0  12740  1344 pts/0    S+   11:36   0:00      \_ top
```

vmstat.txt

Output from vmstat:

```
procs -----------memory---------- ---swap-- -----io---- --system-- -----cpu------
  r  b   swpd   free   buff  cache   si   so    bi    bo   in   cs us sy id wa st
```

```
2  1     0 6652480     0     0    0    0     0    12    0    7  2  0 92  6  0
```

Sorry for this long post, but I don't know where I can find indication to have normal performance.

Thanks to have read, and I hope you can help me.

Best regards

Subject: Re: VZ very slow
Posted by curx on Thu, 19 Aug 2010 18:48:21 GMT
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Hi,

plz show the ubc (=userbeancounters) of ct,

like

$ cat /proc/user_beancounters
or
$ cat /proc/bc/<CTID>/resources

any fail logged ?

Bye,
Thorsten

Subject: Re: VZ very slow
Posted by pppplus on Thu, 19 Aug 2010 21:34:57 GMT
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Hi, and thanks for your reply.

I have no more user_beancounters.
I delete all VPS, and come back to a "normal" web hosting.

Just one thing, I have only few kmemory failcnt at the beginning. After some modifications, it was ok.

Just system was always very slow.
It was exactly the same, with openvz or proxmox, but the 2 systems are almost the same.

Maybe because I use 64bits system, I don't know. I only try with centos 5 64 bits, because I have

only licence for this panel for directadmin.

I will try later, with another server, so if you have some explanations...

Best regards