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Subject: Strange behavior when starting container - hostname.

Posted by [Genicode](#) on Tue, 03 Mar 2009 10:19:43 GMT

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Hello,

I installed openvz on Debian eth system.

Im using kernel fzakernel-2.6.18-686-bigmem ( I tried other kernels ovzkernel-\* but i got some problems with networking and vmalloc ).

I created container 102, set ip and hostname. When system starts everything is ok - container is going up, i can log on it.

When im trying to start and stop container, im getting this:

```
arch:~# vzctl stop 102
Stopping container ...
Container was stopped
Container is unmounted
arch:~# vzctl start 102
Starting container ...
Container is mounted
Adding IP address(es): 192.168.1.1
Setting CPU units: 1000
Configure meminfo: 65536
File resolv.conf was modified
Container start in progress...
arch:~#
```

```
bash: line 384: 9473 Segmentation fault    hostname ${hostname}
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: invalid opcode: 0000 [#1]
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: SMP
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: CPU:  0, VCPU: 102.0
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: EIP is at sys_sethostname+0x5d/0x91
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: eax: f7e78a20  ebx: 00000004  ecx: 00000001  edx: f2e22000
```

```
Message from syslogd@arch at Tue Mar  3 10:57:08 2009 ...
arch kernel: esi: f2e23f6c  edi: ec100000  ebp: f2e22001  esp: f2e23f6c
```

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: ds: 007b es: 007b ss: 0068

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: Process hostname (pid: 8449, veid: 102, ti=f2e22000 task=f2e18190  
task.ti=f2e22000)

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: Stack: 61707564 b7f44808 c0110cac c0110d24 0000804b 00021000 00000004  
f2e23fbc

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: f2e18190 0804b000 00021000 f7854540 0806c000 c01550d0 f7854574  
0804b008

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: 0804b008 0804b008 00000002 c0102963 0804b008 00000004 0804b008  
0804b008

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: Call Trace:

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: Code: d9 8b 54 24 50 89 e0 89 e6 e8 0d a6 08 00 85 c0 75 38 89 e2 89 d9 81 e2 00  
e0 ff ff 8b 02 c1 e9 02 8b 80 58 04 00 00 8b 78 8b 45 <f0> 3b 45 f4 7c e1 8b 45 ec 89 45 dc 8b  
45 dc c9 c3 8b 80 58 04

Message from syslogd@arch at Tue Mar 3 10:57:08 2009 ...  
arch kernel: EIP: [<c01296f5>] sys\_sethostname+0x5d/0x91 SS:ESP 0068:f2e23f6c

After that a lot of system processes going down and system is not responsible. Only way is hard  
reboot.

I tried to create my own kernel - the same.

I tried without bigmem - the same.

When im using ovzkernel-\* it looks good, but as i said - im getting network problems - sometimes  
eth0 is timeouting, then i can only reboot the system.

Any ideas what is wrong and what can i do to correct it?  
Perhaps its a bug?

Kernel and tools version:

arch:~# dpkg -l |grep fza

ii fza-kernel-2.6.18-686-bigmem 028stab056.1dso1

OpenVZ - Meta kernel

2.6.1814-fza-686-bigmem

ii linux-image-2.6.18-14-fza-686-bigmem 028stab056.1dso1

OpenVZ Linux kernel

binary image for version

arch:~# dpkg -l  grep vz		
ii linux-patch-openvz	2.6.24-ovz004.1d3	server virtualization solution -
linux patch		
ii vzctl	3.0.23-1dso1~etch0	OpenVZ - server virtualization
solution - co		
ii vzquota	3.0.12-1dso1~etch0	OpenVZ - server virtualization
solution - qu		

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Subject: Re: Strange behavior when starting container - hostname.

Posted by [Genicode](#) on Tue, 03 Mar 2009 10:59:29 GMT

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New info:

Problem is when trying to set hostname. After reboot i enter the container and i tired to change hostname. Effect here:

```
arch:/etc/vz/conf# vzctl enter 102
```

```
entered into CT 102
```

```
arch:/# ls
```

```
bin boot dev etc home initrd lib media mnt opt proc root sbin srv sys tmp usr var
```

```
arch:/# hostname
```

```
arch
```

```
arch:/# hostname d
```

```
Segmentation fault
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: invalid opcode: 0000 [#1]
```

```
arch:/#
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: SMP
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: CPU:  5, VCPU: 102.1
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: EIP is at sys_sethostname+0x5d/0x91
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: eax: f55f2c40  ebx: 00000001  ecx: 00000000  edx: f63a4000
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: esi: f63a5f6c  edi: 00000000  ebp: f63a4001  esp: f63a5f6c
```

```
Message from syslogd@arch at Tue Mar  3 11:56:42 2009 ...
```

```
arch kernel: ds: 007b  es: 007b  ss: 0068
```

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: Process hostname (pid: 8520, veid: 102, ti=f63a4000 task=dfbf2cb0  
task.ti=f63a4000)

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: Stack: dfa33764 b7f92808 c0110cac c0110d24 0000804b 00021000 00000004  
f63a5fbc

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: dfbf2cb0 0804b000 00021000 dfa337c0 0806c000 c01550d0 dfa337f4 0804b008

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: 0804b008 0804b008 00000002 c0102963 0804b008 00000001 0804b008  
0804b008

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: Call Trace:

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: Code: d9 8b 54 24 50 89 e0 89 e6 e8 0d a6 08 00 85 c0 75 38 89 e2 89 d9 81 e2 00  
e0 ff ff 8b 02 c1 e9 02 8b 80 58 04 00 00 8b 78 8b 45 <f0> 3b 45 f4 7c e1 8b 45 ec 89 45 dc 8b  
45 dc c9 c3 8b 80 58 04

Message from syslogd@arch at Tue Mar 3 11:56:42 2009 ...  
arch kernel: EIP: [<c01296f5>] sys\_sethostname+0x5d/0x91 SS:ESP 0068:f63a5f6c

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