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Subject: Re: VPS not isolated

Posted by [Thorsten Schifferdeck\[1\]](#) on Sat, 20 Jan 2007 11:28:32 GMT

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Hi Wolfgang,

Wolfgang Schnerring wrote:

> Hello!

>

> I've encountered a rather strange behaviour of OpenVZ:

> The host is a Debian Sarge system running a vanilla 2.6.18 kernel that

> I've patched with patch-ovz028test010.1-combined. The guest system is

> a minimal Debian Sarge image, the config file is below.

>

> When I vzctl start the VPS, I had expected that the VPS is started in

> the background and the command then returns to the shell, but that's

> not what happens: Instead I am logged out from the console I just

> used, I see messages from init, just like they appear on boot

> ("starting sshd... done, starting inetd... done", and so on) and

> finally get another login prompt for the HN.

> When I then vzctl enter the VPS (which sometimes fails with the error

> "cannot open PTY") and do a "ps aux", I see all processes from the HN,

> not only those of the VPS.

> When I vzctl stop the VPS, I again see messages from init which end in

> "sending KILL signal to all processes" -- and then the machine

> freezes.

> Examining the syslog is not very enlightening, but there are a few

> totally garbled entries like this

> Jan 19 15:22:29 amun2 kernel: 2: 16 rours esent

> (I think that was supposed read "no IPv6 routers present")

>

> The same guest image and vz-configuration work fine on another machine

> (which is Debian Testing instead of Sarge, and runs a Debian kernel

> instead of a vanilla one).

> To me, the whole thing looks like the VPS is not properly isolated

> from the HN, and its init somehow instead is started on the HN or

> something. But that's of course just a guess.

>

> I am rather stumped on how to debug this issue and would greatly

> appreciate any help.

>

> Thanks very much,

> Wolfgang

>

>

> # VPS config file, based on ve-vps.basic.conf-sample

> ONBOOT="no"

>

```

> # UBC parameters (in form of barrier:limit)
> # Primary parameters
> AVNUMPROC="40:40"
> NUMPROC="65:65"
> NUMTCPSOCK="80:80"
> NUMOTHERSOCK="80:80"
> VMGUARPAGES="6144:2147483647"
> # Secondary parameters
> KMEMSIZE="2752512:2936012"
> TCPSNDBUF="319488:524288"
> TCPRCVBUF="319488:524288"
> OTHERSOCKBUF="132096:336896"
> DGRAMRCVBUF="132096:132096"
> OOMGUARPAGES="6144:2147483647"
> # Auxiliary parameters
> LOCKEDPAGES="32:32"
> SHMPAGES="8192:8192"
> PRIVVMPAGES="49152:53575"
> NUMFILE="2048:2048"
> NUMFLOCK="100:110"
> NUMPTY="16:16"
> NUMSIGINFO="256:256"
> DCACHESIZE="1048576:1097728"
>
> PHYSPAGES="0:2147483647"
> NUMIPTENT="128:128"
>
> # Disk quota parameters (in form of softlimit:hardlimit)
> DISKSPACE="1048576:1153434"
> DISKINODES="200000:220000"
> QUOTATIME="0"
>
> # CPU fair scheduler parameter
> CPUUNITS="1000"
>
> VE_ROOT="/vm/vm25710/root"
> VE_PRIVATE="/vm/vm25710/private"
> HOSTNAME="vm0.local"
> OSTEMPLATE="debian-sarge"
> ORIGIN_SAMPLE="vps.basic"

```

Did you self-create your debian-sarge os-template ?  
 Still exist in this ve some tty dev-files (ls -l  
 /vm/vm25710/private/dev/tty\*)

Can you execute a ps in your VE, like

```
# vzctl exec <VEID> ps axf
```

and only the VE process are shown ?

Bye  
Thorsten

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