
Subject: *SOLVED* VZ fails to start cleanly on reboot
Posted by [tchipman](#) on Mon, 08 Jan 2007 15:06:59 GMT
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I'm curious if anyone else has seen this behaviour, which has hit me twice now in the past ~6 weeks (power failues, yay)

- machine shuts itself down gracefully via UPS monitoring software
- when power is restored, machine boots up automatically
- machine boots normally, but OpenVZ virtual hosts fail to come online
- when I connect to machine, I can then manually use "/etc/init.d/vz restart" and vzhosts come up cleanly this time, no problems at all.
- machine was patched to latest OpenVZ using OpenVZ YUM repos last month. See below for exact details on machine,platform,versions and logged errors.

Many thanks for any assistance,

--Tim

MACHINE INFO:

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- AMD AthlonX2 2000mhz machine running CentOS 32-bit
- using stock OpenVZ kernel installed from Yum Repo from OpenVZ:
- vzctl version is 3.0.13

```
[root@hydra log]# uname -a  
Linux hydra.....ca 2.6.9-023stab037.3-smp #1 SMP Wed Dec 13 19:33:33 MSK 2006 i686 athlon  
i386 GNU/Linux
```

```
[root@hydra log]# vzctl  
vzctl version 3.0.13  
Copyright (C) 2000-2006 SWsoft.  
...
```

SYMPTOM AFTER FIRST CONNECT AND THEN RESTART:

=====

--paste--

```
[root@hydra ~]# vzlist  
VE not found
```

```
[root@hydra ~]# cd /etc/init.d
```

```
[root@hydra init.d]# ./vz status
OpenVZ is running...
```

```
[root@hydra init.d]# ./vz restart
```

```
Stopping OpenVZ:                [ OK ]
Starting OpenVZ:                 [ OK ]
Bringing up interface venet0:    [ OK ]
Configuring interface venet0:    [ OK ]
Starting VE 236:                 [ OK ]
Starting VE 237:                 [ OK ]
Starting VE 238:                 [ OK ]
Starting VE 239:                 [ OK ]
```

```
[root@hydra init.d]# vzlist
```

```
  VEID  NPROC STATUS IP_ADDR  HOSTNAME
  236   36 running 129.X.23.236 polyp.phys.....ca
  237    7 running 129.X.23.237 urchin.phys.....ca
  238   16 running 129.X.23.238 seahorse.phys....ca
  239   11 running 129.X.23.239 nema.phys.....ca
[root@hydra init.d]#
```

--endpaste--

OUTPUT CAPTURED IN /etc/log/vz.log:

[next bit is for controlled shutdown...]

```
2007-01-07T10:28:16-0400 vzctl : VE 237 : Stopping VE ...
2007-01-07T10:28:17-0400 vzctl : VE 236 : Setting CPU limit: 0
2007-01-07T10:28:17-0400 vzctl : VE 236 : Setting CPU units: 2000
2007-01-07T10:28:17-0400 vzctl : VE 236 : WARNING: Settings were not saved and will be
resetted to original values on next start (use --save flag)
2007-01-07T10:28:17-0400 vzctl : VE 236 : Stopping VE ...
2007-01-07T10:28:22-0400 vzctl : VE 237 : VE was stopped
2007-01-07T10:28:22-0400 vzctl : VE 238 : VE was stopped
2007-01-07T10:28:22-0400 vzctl : VE 238 : VE is unmounted
2007-01-07T10:28:22-0400 vzctl : VE 237 : VE is unmounted
2007-01-07T10:28:24-0400 vzctl : VE 239 : VE was stopped
2007-01-07T10:28:24-0400 vzctl : VE 239 : VE is unmounted
2007-01-07T10:28:25-0400 vzctl : VE 236 : VE was stopped
2007-01-07T10:28:25-0400 vzctl : VE 236 : VE is unmounted
```

[power is restored and system is coming up]

```
2007-01-07T11:45:01-0400 venetclean : VE 236 : VE died, clear IPs:
2007-01-07T11:45:01-0400 venetclean : VE 237 : VE died, clear IPs:
2007-01-07T11:45:02-0400 venetclean : VE 238 : VE died, clear IPs:
2007-01-07T11:45:02-0400 venetclean : VE 239 : VE died, clear IPs:
```

2007-01-08T09:02:53-0400 vzctl : Setting CPU units: 1000
2007-01-08T09:02:53-0400 vzctl : WARNING: Settings were not saved and will be resetted to original values on next start (use --save flag)

[manually start via /etc/init.d/vz restart command:]
2007-01-08T09:02:53-0400 vzctl : VE 236 : Starting VE ...
..etc... all good...
