
Subject: Failed Restart

Posted by [Ashley](#) on Tue, 29 May 2007 20:56:58 GMT

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When every i restart a host node, it takes too hard reboots to get the server up.

When i first send the server for a restart this is the start of the log "messages"

```
-----  
May 28 20:58:36 IS-1672 kernel: VE: 208: stopped  
May 28 20:58:37 IS-1672 kernel: VE: 208: started  
May 28 20:58:39 IS-1672 kernel: lo: Disabled Privacy Extensions  
May 28 21:00:14 IS-1672 kernel: VE: 208: stopped  
May 28 21:00:15 IS-1672 kernel: VE: 208: started  
May 28 21:00:17 IS-1672 kernel: lo: Disabled Privacy Extensions  
May 28 21:02:25 IS-1672 kernel: VE: 208: stopped  
May 28 21:02:26 IS-1672 kernel: VE: 208: started  
May 28 21:02:27 IS-1672 kernel: lo: Disabled Privacy Extensions  
May 28 21:03:10 IS-1672 kernel: VE: 208: stopped  
May 28 21:03:10 IS-1672 kernel: VE: 208: started  
May 28 21:03:12 IS-1672 kernel: lo: Disabled Privacy Extensions  
May 28 22:11:26 IS-1672 sshd(pam_unix)[23419]: session opened for user root by root(uid=0)  
May 28 22:27:27 IS-1672 kernel: VE: 247: started  
May 28 22:27:27 IS-1672 kernel: VE: 247: stopped  
May 28 22:39:54 IS-1672 syslogd 1.4.1: restart.  
May 28 22:39:54 IS-1672 syslog: syslogd startup succeeded  
May 28 22:39:54 IS-1672 kernel: klogd 1.4.1, log source = /proc/kmsg started.  
May 28 22:39:54 IS-1672 kernel: Linux version 2.6.18-8.el5.028stab031.1PAE  
(root@rhel5-32-build) (gcc version 4.1.1 20061011$  
May 28 22:39:54 IS-1672 kernel: BIOS-provided physical RAM map:  
-----
```

The last message that the server leaves before hanging is.

```
-----  
May 28 22:39:23 IS-1672 fsck: /vz: Clearing  
May 28 22:39:23 IS-1672 fsck: orphaned inode 3032496 (uid=0, gid=0, mode=041777,  
size=20480)  
May 28 22:39:23 IS-1672 fsck: /vz: Clearing orphaned inode 3034380 (uid=100, gid=101,  
mode=0100600, size=0)  
May 28 22:39:23 IS-1672 fsck: /vz: Clearing orphaned inode 3034379 (uid=100, gid=101,  
mode=0100600, size=0)  
May 28 22:39:23 IS-1672 fsck: /vz: Clearing orphaned inode 3034378 (uid=100, gid=101,  
mode=0100600, size=0)  
May 28 22:39:23 IS-1672 fsck: /vz: Clearing orphaned inode 3034333 (uid=100, gid=101,  
mode=0100600, size=0)  
May 28 22:39:23 IS-1672 fsck: /vz: clean, 781052/8962048 files, 13670906/17918499 blocks  
May 28 22:39:29 IS-1672 fsck: /dev/sdb1: Clearing orphaned inode 8831123 (uid=0, gid=0,  
mode=0100600, size=0)
```

May 28 22:39:29 IS-1672 fsck: /dev/sdb1: Clearing
May 28 22:39:29 IS-1672 fsck: orphaned inode 9176186 (uid=0, gid=0, mode=0100644, size=490)
May 28 22:39:29 IS-1672 fsck: /dev/sdb1: Clearing orphaned inode 9176297 (uid=0, gid=0, mode=0100644, size=1208)
May 28 22:39:30 IS-1672 fsck: /dev/sdb1: Clearing orphaned inode 12125163 (uid=0, gid=0, mode=0140777, size=0)
May 28 22:39:30 IS-1672 fsck: /dev/sdb1: clean, 123223/19546112 files, 6361169/39072080 blocks
May 28 22:39:47 IS-1672 rc.sysinit: Checking filesystems succeeded
May 28 22:39:47 IS-1672 rc.sysinit: Mounting local filesystems: succeeded
May 28 22:39:47 IS-1672 rc.sysinit: Enabling local filesystem quotas: succeeded
May 28 22:39:48 IS-1672 rc.sysinit: Enabling swap space: succeeded
May 28 22:39:48 IS-1672 init: Entering runlevel: 3
May 28 22:39:48 IS-1672 sysstat: Calling the system activity data collector (sadc):
May 28 22:39:48 IS-1672 sysstat:
May 28 22:39:48 IS-1672 rc: Starting sysstat: succeeded
May 28 22:39:48 IS-1672 sysctl: warning: /etc/sysctl.conf(8): invalid syntax, continuing...
May 28 22:39:48 IS-1672 sysctl: net.ipv4.ip_forward = 1
May 28 22:39:48 IS-1672 sysctl: net.ipv4.conf.default.proxy_arp = 0
May 28 22:39:48 IS-1672 sysctl: net.ipv4.conf.all.rp_filter = 1
May 28 22:39:48 IS-1672 sysctl: kernel.sysrq = 1
May 28 22:39:48 IS-1672 sysctl: net.ipv4.conf.default.send_redirects = 1
May 28 22:39:48 IS-1672 sysctl: net.ipv4.conf.all.send_redirects = 0
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_mem = 999999 1572864 1972864
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_wmem = 4096 65536 524288
May 28 22:39:48 IS-1672 sysctl: net.core.wmem_max = 1048576
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_rmem = 4096 87380 524288
May 28 22:39:48 IS-1672 sysctl: net.core.rmem_max = 1048576
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_sack = 0
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_timestamps = 0
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_max_tw_buckets = 1800000
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_orphan_retries = 4
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_fin_timeout = 30
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_window_scaling = 0

May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_fin_timeout = 30
May 28 22:39:48 IS-1672 sysctl: net.ipv4.tcp_window_scaling = 0
May 28 22:39:48 IS-1672 network: Setting network parameters: succeeded
May 28 22:39:49 IS-1672 network: Bringing up loopback interface: succeeded
May 28 22:39:53 IS-1672 network: Bringing up interface eth0: succeeded
May 28 22:39:53 IS-1672 ifup: Bringing up interface venet0:
May 28 22:39:53 IS-1672 ifup: Configuring interface venet0:
May 28 22:39:53 IS-1672 ifup: net.ipv4.conf.venet0.send_redirects = 0
May 28 22:39:53 IS-1672 network: Bringing up interface venet0: succeeded
May 28 22:40:15 IS-1672 proftpd[4923]: IS-1672 - error setting IPV6_V6ONLY: Protocol not available
May 28 22:40:15 IS-1672 proftpd[4923]: IS-1672 - ProFTPD 1.3.0 (stable) (built Wed Sep 13

```
17:13:34 EDT 2006) standalone mode$
May 28 22:40:15 IS-1672 proftpd: - IPv6 getaddrinfo 'IS-1672' error: Name or service not known
May 28 22:40:15 IS-1672 proftpd: proftpd startup succeeded
May 28 22:40:15 IS-1672 httpd: httpd: Could not determine the server's fully qualified domain
name, using 127.0.0.1 for Serv$
May 28 22:40:16 IS-1672 httpd: httpd startup succeeded
May 28 22:40:16 IS-1672 crond: crond startup succeeded
May 28 22:40:17 IS-1672 xfs[4971]: ignoring font path element
/usr/X11R6/lib/X11/fonts/misc:unscaled (unreadable)
May 28 22:40:17 IS-1672 xfs[4971]: ignoring font path element
/usr/X11R6/lib/X11/fonts/75dpi:unscaled (unreadable)
May 28 22:40:17 IS-1672 xfs[4971]: ignoring font path element
/usr/X11R6/lib/X11/fonts/100dpi:unscaled (unreadable)
May 28 22:40:17 IS-1672 xfs[4971]: ignoring font path element /usr/X11R6/lib/X11/fonts/Type1
(unreadable)
May 28 22:40:17 IS-1672 xfs: xfs startup succeeded
May 28 22:40:18 IS-1672 anacron: anacron startup succeeded
May 28 22:40:18 IS-1672 atd: atd startup succeeded
May 28 22:40:18 IS-1672 kernel: Netfilter messages via NETLINK v0.30.
May 28 22:40:18 IS-1672 kernel: ip_contrack: parameter ip_contrack_enable_ve0 is obsoleted.
In ovzkernel >= 2.6.15 connect$
May 28 22:40:18 IS-1672 kernel: ip_contrack version 2.4 (8179 buckets, 65432 max) - 232 bytes
per contrack
May 28 22:40:19 IS-1672 kernel: VE: 102: started
May 28 22:40:34 IS-1672 kernel: lo: Disabled Privacy Extensions
```

The last message is "Diabled Privacy Extensions" that is the last message.

When i then have the server hard rebooted again it displays

```
-----
May 28 22:45:44 IS-1672 kernel: VE: 102: started
May 28 22:45:57 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:46:56 IS-1672 kernel: VE: 104: started
May 28 22:47:10 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:48:14 IS-1672 kernel: VE: 105: started
May 28 22:48:21 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:48:49 IS-1672 kernel: VE: 108: started
May 28 22:49:04 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:50:42 IS-1672 kernel: VE: 202: started
May 28 22:50:44 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:50:51 IS-1672 kernel: VE: 205: started
May 28 22:50:58 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:50:59 IS-1672 kernel: VE: 206: started
May 28 22:51:10 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:51:18 IS-1672 kernel: VE: 207: started
May 28 22:51:28 IS-1672 kernel: lo: Disabled Privacy Extensions
```

May 28 22:51:38 IS-1672 kernel: VE: 208: started
May 28 22:51:46 IS-1672 kernel: lo: Disabled Privacy Extensions
May 28 22:51:47 IS-1672 kernel: VE: 209: started
May 28 22:51:51 IS-1672 messagebus: messagebus startup succeeded

However the server starts find and there is no problem.

I have seen some bug reports about a kernel message which sound likely, however it is fixed in a kernel which is not available yet for Centos. Currently using "Linux IS-1672 2.6.18-8.el5.028stab031.1PAE #1 SMP Sat Apr 28 01:22:56 MSD 2007 i686 i686 i386 GNU/Linux"

With most uptodate operating system.

Thanks , Sorry about long post.

Subject: Re: Failed Restart
Posted by [Ashley](#) on Thu, 31 May 2007 19:17:49 GMT
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Anyone?

Subject: Re: Failed Restart
Posted by [Vasily Tarasov](#) on Mon, 04 Jun 2007 07:01:09 GMT
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Ashley, can you, please, explain your problem more clearly! I just don't understand your problem... For simplicity, do it in the following way: "I give the command XXX, and I expect YYY to happen, but ZZZ happens" Without any logs for the beginning.

Thank you,
Vasily.

Subject: Re: Failed Restart
Posted by [Ashley](#) on Mon, 04 Jun 2007 08:10:12 GMT
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When ever i run the command vzctl restart or vzctl stop with a vps id number it restarts every single vps or stops every single vps.

This sometimes causes the server to Kernel Panic if the VPS have a high load, but normal this just causes every VPS to restart, even if i just run the command vzctl restart 102.

Subject: Re: Failed Restart

Posted by [Vasily Tarasov](#) on Mon, 04 Jun 2007 08:15:54 GMT

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Hmm... Sounds like something fantastic! Can you give me an ssh access to your node?

Thanks,
Vasily

Subject: Re: Failed Restart

Posted by [Ashley](#) on Mon, 04 Jun 2007 08:21:06 GMT

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I am currently requesting a KVM over ip, due the kernel errors, once that it setup if you wish i can give you SSH and KVM access to the node.

Is this ok?

Subject: Re: Failed Restart

Posted by [Ashley](#) on Mon, 04 Jun 2007 09:13:09 GMT

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I now have managed to get the Kernel Opps which occurs.

Attached Image

File Attachments

1) [kernel_error.JPG](#), downloaded 889 times

Subject: Re: Failed Restart

Posted by [Vasily Tarasov](#) on Mon, 04 Jun 2007 10:09:04 GMT

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It's very good! There must be a bit more messages above it, concerning EIP register. Can post it too, please!

Thank you,
Vasily.

Subject: Re: Failed Restart

Posted by [Vasily Tarasov](#) on Mon, 04 Jun 2007 11:19:20 GMT

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Hello,

We fixed one important bug related to VE stop and iptables (http://bugzilla.openvz.org/show_bug.cgi?id=561) in 028stab033 kernel. Can you, please, try it and inform us about results?

Thank you,
Vasily.

Subject: Re: Failed Restart
Posted by [Ashley](#) on Mon, 04 Jun 2007 11:46:36 GMT
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I am currently running 2.6.18-8.1.3.el5.028stab033.1PAE.

Since upgrading to this kernel i no longer have problems with the restarting the VPS, i only receive the kernel error when restarting the server.

Subject: Re: Failed Restart
Posted by [Vasily Tarasov](#) on Mon, 04 Jun 2007 11:56:34 GMT
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Thank you for info!

Quote:... i only receive the kernel error when restarting the server What exact kernel error do you receive?

Thanks,
Vasily

Subject: Re: Failed Restart
Posted by [Ashley](#) on Mon, 04 Jun 2007 12:03:44 GMT
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The kernel error i receive is the screen shot posted above, it happens during the server shutting down, and happens just after all the VPS are shutdown.

Thanks

Subject: Re: Failed Restart
Posted by [adobriyan](#) on Tue, 05 Jun 2007 09:42:21 GMT

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This bug lives at http://bugzilla.openvz.org/show_bug.cgi?id=607 now. And I've reproduced it couple of times.

Subject: Re: Failed Restart

Posted by [Ashley](#) on Tue, 05 Jun 2007 10:28:00 GMT

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Ok thanks, i will remove iptables_nat for the moment in all my configs.

Thanks

Subject: Re: Failed Restart

Posted by [adobriyan](#) on Tue, 05 Jun 2007 13:02:21 GMT

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patch has been sent. yell on bug if it doesn't work
http://bugzilla.openvz.org/show_bug.cgi?id=607#c3
