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Subject: Install FUSE: Networking dead in the water

Posted by [wilf](#) on Wed, 18 Jul 2007 07:35:02 GMT

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Hello everyone (again)

You must be getting tired of my endless requests for help

For another customer, I want to install FUSE/sshfs. For various reasons of my own making, it was a tough install but all that is now resolved.

I did remember to add `disable-kernel-module` to my uses and I saw `configure` add `--disable-kernel-module` as a flag when FUSE was compiled. I am running...

```
ve_base # uname -a
```

```
Linux ve_base 2.6.18-028stab035 #1 SMP Tue Jul 10 12:59:23 BST 2007 x86_64 Dual Core  
AMD Opteron(tm) Processor 280 AuthenticAMD GNU/Linux
```

The instance could be pinged and could ping the outside world before the FUSE and sshfs install.

```
Now ping reportsve_base # vzctl enter 503
```

```
entered into VE 503
```

```
ebs / # ping 192.168.1.2
```

```
connect: Network is unreachable
```

```
ebs / # ifconfig -a
```

```
lo      Link encap:Local Loopback  
        LOOPBACK MTU:16436 Metric:1  
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
venet0  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
        BROADCAST POINTOPOINT NOARP MTU:1500 Metric:1  
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

all other instances can still see the network.

I noticed that during the emerge of FUSE, it pulled back the 2.6.20 kernel against which to compile glib. This might be a red herring, but I can't see how using 2.6.20 libs to talk to a 2.6.18 kernel is going to be too helpful.

I will be very grateful for any constructive suggestions as it is holding me back from implementing a major upgrade.

Best Regards, and thanks,

Paul.

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Subject: Re: Install FUSE: Networking dead in the water

Posted by [dev](#) on Wed, 18 Jul 2007 12:01:27 GMT

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does VE restart help bringing networking bringing back?

I guess something happened with routes, but not sure how FUSE could do it

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Subject: Re: Install FUSE: Networking dead in the water

Posted by [wilf](#) on Wed, 18 Jul 2007 12:16:42 GMT

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Hi Kirill,

Thanks for responding, dev wrote on Wed, 18 July 2007 13:01 does VE restart help bringing networking bringing back? Nope. Interestingly the instance take a \*lot\* longer to shut down now. ve\_base ~ # time vzctl stop 503

Stopping VE ...

VE was stopped

VE is unmounted

real 2m0.689s

user 0m0.017s

sys 0m0.051s I installed syslog-ng in the hope it might help nail down where lies the problem. Here is the entire log (Hey! it's a young system ) Jul 16 16:36:24 ebs syslog-ng[3294]: syslog-ng version 1.6.11 starting

Jul 16 16:36:24 ebs syslog-ng[3294]: Changing permissions on special file /dev/tty12

Jul 16 16:36:26 ebs sshd[3667]: Server listening on :: port 22.

Jul 16 16:36:26 ebs sshd[3667]: error: Bind to port 22 on 0.0.0.0 failed: Address already in use.

Jul 16 16:36:26 ebs cron[3693]: (CRON) STARTUP (V5.0)

Jul 16 16:36:26 ebs init: no more processes left in this runlevel

Jul 16 16:40:01 ebs cron[3709]: (root) CMD (test -x /usr/sbin/run-crons && /usr/sbin/run-crons )

Jul 16 16:40:01 ebs sSMTP[3717]: Unable to locate mail

Jul 16 16:40:01 ebs sSMTP[3717]: Cannot open mail:25

Jul 16 16:40:01 ebs cron[3708]: (root) MAIL (mailed 170 bytes of output but got status 0x0001 )

Jul 16 16:40:07 ebs shutdown[3792]: shutting down for system halt

Jul 16 16:40:07 ebs init: Switching to runlevel: 0

Jul 16 16:40:08 ebs sshd[3667]: Received signal 15; terminating.

Jul 16 16:40:08 ebs syslog-ng[3294]: syslog-ng version 1.6.11 going down

Jul 16 16:40:58 ebs syslog-ng[7295]: syslog-ng version 1.6.11 starting

Jul 16 16:40:58 ebs syslog-ng[7295]: Changing permissions on special file /dev/tty12

Jul 16 16:40:59 ebs sshd[7670]: Server listening on :: port 22.

Jul 16 16:40:59 ebs sshd[7670]: error: Bind to port 22 on 0.0.0.0 failed: Address already in use.

Jul 16 16:40:59 ebs cron[7696]: (CRON) STARTUP (V5.0)

Jul 16 16:40:59 ebs init: no more processes left in this runlevel

Jul 16 16:43:24 ebs init: Trying to re-exec init

Jul 16 16:43:24 ebs init: no more processes left in this runlevel

Jul 16 16:49:39 ebs shutdown[9975]: shutting down for system halt  
Jul 16 16:49:40 ebs init: Switching to runlevel: 0  
Jul 16 16:49:40 ebs rc: WARNING: Adding critical service checkroot to the boot runlevel  
Jul 16 16:49:40 ebs rc: WARNING: Adding critical service modules to the boot runlevel  
Jul 16 16:49:40 ebs rc: WARNING: Adding critical service checkfs to the boot runlevel  
Jul 16 16:49:40 ebs rc: WARNING: Adding critical service localmount to the boot runlevel  
Jul 16 16:49:40 ebs rc: WARNING: Adding critical service clock to the boot runlevel  
Jul 16 16:49:40 ebs sshd[7670]: Received signal 15; terminating.  
Jul 16 16:49:41 ebs rc-scripts: Cannot default to dhcp as there is no dhcp module loaded  
Jul 16 16:49:41 ebs rc-scripts: No configuration for stop  
Jul 16 16:49:42 ebs rc-scripts: Cannot default to dhcp as there is no dhcp module loaded  
Jul 16 16:49:42 ebs rc-scripts: No configuration for stop  
Jul 16 16:49:42 ebs syslog-ng[7295]: syslog-ng version 1.6.11 going down  
Quote:I guess something happened with routes, but not sure how FUSE could do it  
Me neither - but it seemed to install/upgrade a whole lot of stuff. Does networking use any of the routines in glib?

Best Regards, Paul.

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Subject: Re: Install FUSE: Networking dead in the water  
Posted by [Vasily Tarasov](#) on Thu, 19 Jul 2007 09:00:52 GMT  
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Hello,

You wrote: Quote:Now ping reports ... all other instances can still see the network. So as far as I understand the current problem is the following: you have the VE which can't ping certain hosts? So, let's try to solve this particular problem, without taking attention on FUSE

Can you post here the output of the following command on HN and in VE: # ip a l

```
# ip r l  
# sysctl net.ipv4.ip_forward  
# iptables -L -nv  
# iptables -t NAT -L -nv
```

Thanks you,  
Vasily

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Subject: Re: Install FUSE: Networking dead in the water  
Posted by [wilf](#) on Thu, 19 Jul 2007 09:26:43 GMT  
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Hi Vasily,

Thanks for trying to help.

I have created a new instance and I am just bringing the entire gentoo instance up to date with anemerge -DNeva world. It has 111 packages to retrieve and build so it may be a while

When it's done, I'll run the commands.

I've been talking to a colleague and we think that it may not be FUSE - it might be the installation of sshfs. This opens the possibility of still using FUSE with another fs module, so I am going to install FUSE alone and see if I still have networking.

I now suspect it has nothing to do with OpenVZ, whereas earlier I had no idea.

I'll post when I have results.

Thanks again

Best Regards, Paul.

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Subject: Re: Install FUSE: Networking dead in the water

Posted by [wilf](#) on Fri, 20 Jul 2007 11:11:21 GMT

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Hi Vasily,

Just keeping you up to date, you can see my Gentoo post - which refers to OpenVz here.

Best Regards, Paul.

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