Subject: (SOLVED) sysctl -p issue
Posted by soptom on Tue, 27 Nov 2007 13:43:35 GMT
View Forum Message <> Reply to Message

After some hours (of inactivity?) i have to sysctl -p on HN, otherwise the VPS i created does not have netwotk.
I am sorry abut those silly questions but i am new to openVZ and i need some help....

Thank you in advance

Subject: Re: sysctl -p issue
Posted by vaverin on Wed, 28 Nov 2007 08:01:28 GMT
View Forum Message <> Reply to Message

Hi soptom
could you please explain your problem in more details?

thank you,
Vasily Averin

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 28 Nov 2007 10:10:03 GMT
View Forum Message <> Reply to Message

I installed openvz, created a VM everything is ok.
The VM has network with dedicated ip. After some hours the VM does not have network.
Accidently i found that when i sysctl -p on HN network comes back on VM.
I attach the sysctl because i saw that has some errors on it...

File Attachments
1) sysctl -p -a.rtf, downloaded 803 times

Subject: Re: sysctl -p issue
Posted by vaverin on Wed, 28 Nov 2007 10:32:39 GMT
View Forum Message <> Reply to Message

Hi soptom,

soptom wrote on Wed, 28 November 2007 13:10The VM has network with dedicated ip. After some hours the VM does not have network.

Could you please explain -- what do you mean under "... VM does not have network"?
is interface down inside VE?
some configuration are changed?

do you able to ping HW node from inside VE?
is VE pingable from HW node?

thank you,
Vasily Averin

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 28 Nov 2007 13:07:44 GMT
View Forum Message <> Reply to Message

Could you please explain -- what do you mean under "... VM does not have network"?
is interface down inside VE?
interface is up, but no network
some configuration are changed?

Not manually, i dont know if the HN does something by itself (cron or something)

do you able to ping HW node from inside VE?
finally YES

is VE pingable from HW node?
yes

Subject: Re: sysctl -p issue
Posted by soptom on Fri, 30 Nov 2007 13:09:23 GMT
View Forum Message <> Reply to Message

Anyone?

Subject: Re: sysctl -p issue
Posted by maratrus on Mon, 03 Dec 2007 10:48:25 GMT
View Forum Message <> Reply to Message

Hi,

Sorry for delay.

Well, you can ping HN from inside VE and can ping VE from HN. But what does it mean "... VM does not have network"? You cannot ping other host in your subnet from inside VE? If you cannot do it from inside VE can you ping this hosts from inside HN?

Thank You!

Subject: Re: sysctl -p issue
Posted by soptom on Mon, 03 Dec 2007 11:15:19 GMT
View Forum Message <> Reply to Message

Dont be sorry i must thank you every time, for your time!
The VE does not ping " outside" world, ip's or hostnames.
The HN does.
The problem stosp when i syctl -p on HN
I allready sent a copy of syctl and you can check it, i think it has some errors on it...

"You cannot ping other host in your subnet from inside VE?"
No, only localhost"

Thank you very much...

Subject: Re: sysctl -p issue
Posted by maratrus on Mon, 03 Dec 2007 13:28:17 GMT
View Forum Message <> Reply to Message

Hi,

1. Can you please give us output of the following commands (when you have not network inside the VE):
"cat /proc/sys/net/ipv4/ip_forward" (on HN)
2. "ip a l" (in VE and on HN)
3. "ip r l" (in VE and on HN)
4. Do you use iptables on HN? If yes:
"iptables -n -L" and "iptables -t nat -n -L"

Thank You!

Subject: Re: sysctl -p issue
Posted by soptom on Mon, 03 Dec 2007 18:23:27 GMT
View Forum Message <> Reply to Message

[root@master2 ~]# cat /proc/sys/net/ipv4/ip_forward
0
HARDWARE NODE
[root@master2 ~]# ip a l
2: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
4: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:02:b3:b7:29:75 brd ff:ff:ff:ff:ff:ff

```
    inet 91.194.90.25/25 brd 91.194.90.127 scope global eth0
    inet6 fe80::202:b3ff:feb7:2975/64 scope link
       valid_lft forever preferred_lft forever
6: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/void
[root@master2 ~]# ip r l
91.194.90.126 dev venet0  scope link
91.194.90.0/25 dev eth0  proto kernel  scope link  src 91.194.90.25
169.254.0.0/16 dev eth0  scope link
default via 91.194.90.1 dev eth0
```

VE

```
[root@fc6 /]# ip a l
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
    inet 91.194.90.126/32 brd 91.194.90.126 scope global venet0:0
[root@fc6 /]# ip r l
192.0.2.0/24 dev venet0  scope host
169.254.0.0/16 dev venet0  scope link
default via 192.0.2.1 dev venet0
```

HARDWARE NODE
iptables commands and results attached with files named iptables1.txt and iptables2.txt

File Attachments

1) iptables1.txt, downloaded 449 times
2) iptables2.txt, downloaded 491 times

Subject: Re: sysctl -p issue
Posted by maratrus on Mon, 03 Dec 2007 21:24:54 GMT
View Forum Message <> Reply to Message

Hi,

1. Try the following command (on HN):
#echo 1 > /proc/sys/net/ipv4/ip_forward
Is the problem still occur?

Thank You!

Subject: Re: sysctl -p issue
Posted by soptom on Tue, 04 Dec 2007 11:58:51 GMT
View Forum Message <> Reply to Message

It seems that is ok now. I will check it again in few hours and i let you know in details...

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 05 Dec 2007 10:15:53 GMT
View Forum Message <> Reply to Message

Unfortunetly the VE after few hours has the same issue, no connection to outer world. No changes or activity made to HN since my last post...

Subject: Re: sysctl -p issue
Posted by vaverin on Wed, 05 Dec 2007 10:18:25 GMT
View Forum Message <> Reply to Message

Do You mean that ip_forward on your node shows 0 again?

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 05 Dec 2007 14:08:26 GMT
View Forum Message <> Reply to Message

That is correct, it shows 0 (zero)

vaverin wrote on Wed, 05 December 2007 12:18Do You mean that ip_forward on your node shows 0 again?

Subject: Re: sysctl -p issue
Posted by vaverin on Wed, 05 Dec 2007 14:22:32 GMT
View Forum Message <> Reply to Message

crontab task
or black magic

Subject: Re: sysctl -p issue
Posted by ugob on Wed, 05 Dec 2007 14:28:55 GMT
View Forum Message <> Reply to Message

are your running apf 0.9.6-2?

Subject: Re: sysctl -p issue
Posted by ugob on Wed, 05 Dec 2007 14:30:46 GMT
View Forum Message <> Reply to Message

Look at your conf.apf file:

# These are system control (sysctl) option changes to provide protection from
# spoofed packets and ip/arp/route redirection. If you are performing advanced
# routing policies on this host such as NAT/MASQ you should disable this.
SYSCTL_ROUTE="0"

Yours is probably at "1".

Check on your HN and in your VEs

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 05 Dec 2007 15:02:42 GMT
View Forum Message <> Reply to Message

Just did it on both (HN and VE) but still no connection to "out world"

ugob wrote on Wed, 05 December 2007 16:30Look at your conf.apf file:

# These are system control (sysctl) option changes to provide protection from
# spoofed packets and ip/arp/route redirection. If you are performing advanced
# routing policies on this host such as NAT/MASQ you should disable this.
SYSCTL_ROUTE="0"

Yours is probably at "1".

Check on your HN and in your VEs

Subject: Re: sysctl -p issue
Posted by ugob on Wed, 05 Dec 2007 15:13:37 GMT
View Forum Message <> Reply to Message

vi /etc/apf/conf.apf

If you installed apf, you should know how to edit its config file...

Subject: Re: sysctl -p issue
Posted by soptom on Wed, 05 Dec 2007 15:40:08 GMT
View Forum Message <> Reply to Message

Just did same problem...

ugob wrote on Wed, 05 December 2007 17:13vi /etc/apf/conf.apf

If you installed apf, you should know how to edit its config file...

Subject: Re: sysctl -p issue
Posted by ugob on Wed, 05 Dec 2007 15:44:36 GMT
View Forum Message <> Reply to Message

have you reloaded/restarted apf afterwards?

Subject: (Solved) Re: sysctl -p issue
Posted by soptom on Tue, 11 Dec 2007 01:11:35 GMT
View Forum Message <> Reply to Message

Thank you!
