
Subject: VPS route prob

Posted by [zwtint](#) on Mon, 20 Nov 2006 09:35:37 GMT

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Hello,

Im a newby in this topic and I have a problem with network configuration.

I cant reach my VPS from the "world"

init is running

ipv4 forward is on

```
root@server30444 [/vz/template/cache]# ip r l
83.170.73.235 dev eth0 scope link src 83.170.73.235
83.170.73.234 dev eth0 scope link src 83.170.73.234
83.170.73.232 dev venet0 scope link src 83.170.73.235
83.170.73.236 dev eth0 scope link src 83.170.73.236
83.170.73.128/26 dev eth0 proto kernel scope link src 83.170.73.143
83.170.73.0/24 dev eth0 proto kernel scope link src 83.170.73.232
169.254.0.0/16 dev eth0 scope link
default via 83.170.73.129 dev eth0
root@server30444 [/vz/template/cache]#
```

```
root@server30444 [/vz/template/cache]# ip a l
2: lo: <LOOPBACK,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 brd 127.255.255.255 scope host lo
4: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 100
    link/ether 00:30:48:59:61:75 brd ff:ff:ff:ff:ff:ff
    inet 83.170.73.143/26 brd 83.170.73.191 scope global eth0
    inet 83.170.73.232/24 brd 83.170.73.255 scope global eth0:1
    inet 83.170.73.233/24 brd 83.170.73.255 scope global secondary eth0:2
    inet 83.170.73.234/24 brd 83.170.73.255 scope global secondary eth0:3
    inet 83.170.73.235/24 brd 83.170.73.255 scope global secondary eth0:4
    inet 83.170.73.236/24 brd 83.170.73.255 scope global secondary eth0:5
7: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
```

the ip of the vps is 83.170.73.232

What should I modify to reach the vps outside the machine?

thank you

Subject: Re: VPS route prob
Posted by [Vasily Tarasov](#) on Mon, 20 Nov 2006 09:54:06 GMT
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Hello,

What is in /proc/sys/net/ipv4/ip_forward file?

Thanks!

Subject: Re: VPS route prob
Posted by [zwtint](#) on Mon, 20 Nov 2006 10:03:44 GMT
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```
root@server30444 [/etc/vz]# cat /proc/sys/net/ipv4/ip_forward
1
root@server30444 [/etc/vz]#
```

Subject: Re: VPS route prob
Posted by [Vasily Tarasov](#) on Mon, 20 Nov 2006 10:17:50 GMT
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Can you post output of
ip r s 83.170.73.232
command on HN.

Also you say, that you can't reach VE from world. Can you ping VE from HN? Can you ping VE from your NET? Can VE ping HN, other servers?

Thanks.

Subject: Re: VPS route prob
Posted by [zwtint](#) on Mon, 20 Nov 2006 10:21:32 GMT
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```
root@server30444 [/etc/vz]# ip r s 83.170.73.232
83.170.73.232 dev venet0 scope link src 83.170.73.235
root@server30444 [/etc/vz]#
```

from VE:

```
-bash-3.00# ping google.com
ping: unknown host google.com
```

```
-bash-3.00# ping localhost
PING localhost.localdomain (127.0.0.1) 56(84) bytes of data.
64 bytes from localhost.localdomain (127.0.0.1): icmp_seq=0 ttl=64 time=0.030 ms
64 bytes from localhost.localdomain (127.0.0.1): icmp_seq=1 ttl=64 time=0.023 ms
```

how can I try to ping VE from HN?

When I enter 83.170.73.232 ip, its try to connect to HN, not to VE.

Subject: Re: VPS route prob
Posted by [zwtint](#) on Mon, 20 Nov 2006 10:23:20 GMT
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if I use the hostname of the HN for PING from VE, it says as for google.com

Subject: Re: VPS route prob
Posted by [Vasily Tarasov](#) on Mon, 20 Nov 2006 10:29:53 GMT
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you can ping by name (google.com) only if nameserver for VE is set. Have you done it? (vzctl set <veid> --hostname your.dns.server)

Subject: Re: VPS route prob
Posted by [zwtint](#) on Mon, 20 Nov 2006 10:35:05 GMT
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```
-bash-3.00# ping 83.170.73.121
PING 83.170.73.121 (83.170.73.121) 56(84) bytes of data.
```

```
[1]+ Stopped ping 83.170.73.121
```

```
-bash-3.00# ping 83.170.73.141
PING 83.170.73.141 (83.170.73.141) 56(84) bytes of data.
```

```
[2]+ Stopped ping 83.170.73.141
```

```
-bash-3.00# ping 64.233.167.99
PING 64.233.167.99 (64.233.167.99) 56(84) bytes of data.
```

```
[3]+ Stopped ping 64.233.167.99
```

```
-bash-3.00#
```

ping not works, I waited for minutes, but nothing

Subject: Re: VPS route prob
Posted by [Vasily Tarasov](#) on Mon, 20 Nov 2006 10:47:50 GMT
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Can you give an access to the node in question?

Subject: Re: VPS route prob
Posted by [zwtint](#) on Mon, 20 Nov 2006 10:49:28 GMT
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of course,

maybe can we talk any faster way? (msn,irc or smth)

Subject: Re: VPS route prob
Posted by [Vasily Tarasov](#) on Mon, 20 Nov 2006 10:58:31 GMT
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Ok, then send me a PM with login, please.
My ICQ is available in contacts here at forum.

Subject: Re: VPS route prob
Posted by [cyborg](#) on Mon, 20 Nov 2006 12:36:57 GMT
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Hi

I have the same problem. As I understood the problem is that there is no default gw after VPS starts.

After some experements found that command "ip route add ..." which is used in
"/etc/sysconfig/network-scripts/ifup-routes" isn't work.

```
-bash-3.1# ip route add 191.255.255.0/24 dev venet0 scope host  
RTNETLINK answers: Operation not permitted
```

This is strange because command "route add" works fine.

I modify script ifup-routes to use this command and all start work.

But I think that there is other way to solve this problem.
