
Subject: ***SOLVED*** Unable to access VPS from network or network from VPS
Posted by [illc0mm](#) on Fri, 26 May 2006 23:42:15 GMT

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Here's the situation: I just upgraded both the kernel and the vzctl/vzctl-lib/vzquota to the most recent stable versions.

Host OS is CentOS 4.2
VPS OS is CentOS 4.3

kernel is 2.6.8-022stab077.1-smp via binary RPM
vzctl is 3.0.0-8
vzctl-lib is 3.0.0-8
vzquota is 3.0.0-7

I have 3 active VPSs

101
103
104

VPS 103 and 104 work fine, IPs load, ifconfig and route show contents, I can access all resources on those VPSs from inside the hardware node and on the network.

VPS101, however, does not work properly.

"vzctl --verbose start 101" shows that it assigns the IP addresses and appears to start properly, however ifconfig or route inside VPS 101 return nothing at all. And I can not ping any of the IPs assigned to that VPS or ping the hardware node or any other network resources from inside that VPS. vzlist shows the IP assigned to that VPS.

FWIW, I created a new VPS (106) and copied 101.conf over 106.conf and it started and ran fine, this leads me to believe that there is something wrong inside the VPS, but I'm not sure where to start. I checked that iproute and ifconfig were the same versions as in the other vps'. I also stopped all services from loading for now in the suspect VPS to eliminate other issues.

Output of various commands from hardware node:

```
# sysctl net.ipv4.ip_forward
net.ipv4.ip_forward = 1
# iptables --list
Chain INPUT (policy ACCEPT)
target    prot opt source          destination

Chain FORWARD (policy ACCEPT)
target    prot opt source          destination
```

```

Chain OUTPUT (policy ACCEPT)
target  prot opt source          destination
# vzctl --verbose start 101
Unable to open /usr/lib/vzctl/modules/: No such file or directory
Starting VPS ...
Running: /usr/sbin/vzquota show 101
Running: /usr/sbin/vzquota on 101 -r 0 -b 94371940 -B 125829220 -i 800100 -l 880100 -e 0 -n 0
-s 0
Mounting root: /vz/root/101 /vz/private/101
VPS is mounted
Adding IP address(es): 172.16.228.132 172.16.228.133 172.16.228.134 172.16.228.135
172.16.228.136 172.16.228.137 172.16.228.138 10.254.254.21
Running: /usr/lib/vzctl/scripts/vps-net_add
Running VPS script: /etc/sysconfig/vz-scripts/dists/scripts/redhat-add_ip.sh
Setting CPU units: 1000
Set hostname: vps-101.dal1.bsius.com
Running VPS script: /etc/sysconfig/vz-scripts/dists/scripts/redhat-set_hostname.sh
Running VPS script: /etc/sysconfig/vz-scripts/dists/scripts/set_dns.sh
File resolv.conf was modified
Running: /usr/sbin/vzquota stat 101 -f
Running: vzquota setlimit 101 -b 94371840 -B 125829120 -i 800000 -l 880000 -e 0 -n 0
VPS start in progress...
# vzlist -a
  VPSID  NPROC STATUS IP_ADDR  HOSTNAME
  101    5 running 172.16.228.132 vps-101.local
  103    24 running 172.16.228.139 crm.local
  104    76 running 172.16.228.142 scalix.local
#

```

Output of various commands from VPS:

```

# vzctl enter 101
entered into VPS 101
-bash-3.00# ifconfig
-bash-3.00# route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
-bash-3.00# iptables --list
Chain INPUT (policy ACCEPT)
target  prot opt source          destination

Chain FORWARD (policy ACCEPT)
target  prot opt source          destination

Chain OUTPUT (policy ACCEPT)
target  prot opt source          destination

```

-bash-3.00#

Config for that VPS:

```
ONBOOT="yes"
```

```
# UBC parameters (in form of barrier:limit)
```

```
# Primary parameters
```

```
AVNUMPROC="80:80"
```

```
NUMPROC="150:150"
```

```
NUMTCPSOCK="120:120"
```

```
NUMOTHERSOCK="200:200"
```

```
VMGUARPAGES="6144:2147483647"
```

```
# Secondary parameters
```

```
KMEMSIZE="9830400:10485760"
```

```
TCPSNDBUF="12201847:28585847"
```

```
TCPRCVBUF="12201847:28585847"
```

```
OTHERSOCKBUF="12201847:28585847"
```

```
DGRAMRCVBUF="132096:132096"
```

```
OOMGUARPAGES="6144:2147483647"
```

```
# Auxiliary parameters
```

```
LOCKEDPAGES="32:32"
```

```
SHMPAGES="16800:16800"
```

```
PRIVVMPAGES="393216:428600"
```

```
NUMFILE="2560:2560"
```

```
NUMFLOCK="100:110"
```

```
NUMPTY="16:16"
```

```
NUMSIGINFO="256:256"
```

```
DCACHESIZE="625851:983040"
```

```
PHYSPAGES="0:2147483647"
```

```
NUMIPTENT="128:128"
```

```
# Disk quota parameters (in form of softlimit:hardlimit)
```

```
DISKSPACE="94371840:125829120"
```

```
DISKINODES="800000:880000"
```

```
QUOTATIME="0"
```

```
# CPU fair sheduler parameter
```

```
CPUUNITS="1000"
```

```
VE_ROOT="/vz/root/$VEID"
```

```
VE_PRIVATE="/vz/private/$VEID"
```

```
OSTEMPLATE="centos-4-i386-default"
```

```
ORIGIN_SAMPLE="vps.basic"
```

```
HOSTNAME="vps-101.dal1.bsius.com"
```

```
#IP_ADDRESS="172.16.228.132"
```

```
IP_ADDRESS="172.16.228.132 172.16.228.133 172.16.228.134 172.16.228.135 172.16.228.136
172.16.228.137 172.16.228.138 10.254.254.21"
NAMESERVER="66.101.58.2 66.101.58.3"
IPTABLES="iptables_filter iptable_mangle ipt_limit ipt_REJECT ipt_length ip_conntrack ipt_state
iptables_nat"
```

Subject: Re: SOLVED! Unable to access VPS from network or network from VPS
Posted by [illc0mm](#) on Sat, 27 May 2006 00:07:23 GMT

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I'm an idiot.

Somehow my network script was removed from the VPS init. So /etc/init.d/network was never being called. Not sure how this happened, but running "chkconfig network on" fixed it. WOW!

I'm not sure what would have caused this, I'm positive I did not turn off "network". But this isn't really an OpenVZ issue.

Sorry for the post, but I'll leave it in case anyone else runs across this. The blank ifconfig should have been my first clue, but for some reason I didn't check that. ugh!
