
Subject: IPs constantly disconnecting

Posted by [jikson26](#) on Mon, 27 Sep 2010 08:46:10 GMT

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Hello,

for some months I have been using OpenVZ with several IPs. I am using cPanel with this VM. there was nothing wrong until about a month ago; my IPs started disconnecting at regular intervals.

It seemed that maybe the ARP entries kept disappearing, I would have to add the IPs to the host node and ping them each time to get them working again, then add them to the VM again.

Are there any known issues similar to this?

Hope someone can help! Thanks!

Info:

```
# ip rule list
```

```
0:    from all lookup 255
```

```
32766: from all lookup main
```

```
32767: from all lookup default
```

```
# route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
xxx.xxx.29.204	0.0.0.0	255.255.255.255	UH	0	0	0	veth101.0
xxx.xxx.29.205	0.0.0.0	255.255.255.255	UH	0	0	0	veth101.0
xxx.xxx.29.206	0.0.0.0	255.255.255.255	UH	0	0	0	veth101.0
xxx.xxx.29.203	0.0.0.0	255.255.255.255	UH	0	0	0	veth101.0
xxx.xxx.29.200	0.0.0.0	255.255.255.248	U	0	0	0	eth0
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0	eth0
0.0.0.0	xxx.xxx.29.201	0.0.0.0	UG	0	0	0	eth0

```
# ifconfig
```

```
eth0  Link encap:Ethernet HWaddr 00:17:08:D1:06:D3
      inet addr:xxx.xxx.29.202 Bcast:xxx.xxx.29.207 Mask:255.255.255.248
      inet6 addr: fe80::217:8ff:fed1:6d3/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:41001262 errors:0 dropped:0 overruns:0 frame:0
      TX packets:45043959 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:17032410607 (15.8 GiB) TX bytes:36627639484 (34.1 GiB)
      Interrupt:233 Memory:ca000000-ca010000
```

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1 Mask:255.0.0.0
```

```
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:677 errors:0 dropped:0 overruns:0 frame:0
TX packets:677 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:246164 (240.3 KiB) TX bytes:246164 (240.3 KiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP BROADCAST POINTOPOINT RUNNING 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)
```

```
veth101.0 Link encap:Ethernet HWaddr 00:18:51:BC:64:AA
inet6 addr: fe80::218:51ff:febc:64aa/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:45204612 errors:0 dropped:0 overruns:0 frame:0
TX packets:40660658 errors:0 dropped:9 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:35733073122 (33.2 GiB) TX bytes:16144734528 (15.0 GiB)
```

```
# iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
```

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

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

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

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

```
Chain FORWARD (policy ACCEPT)
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Chain OUTPUT (policy ACCEPT)

target prot opt source destination

Chain POSTROUTING (policy ACCEPT)

target prot opt source destination

arp -an

? (xxx.xxx.29.201) at 00:D0:02:F0:54:00 [ether] on eth0

? (xxx.xxx.29.203) at 00:18:51:19:D1:B7 [ether] on veth101.0

? (xxx.xxx.29.204) at 00:18:51:19:D1:B7 [ether] on veth101.0

? (xxx.xxx.29.206) at <incomplete> on veth101.0
