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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
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Chain POSTROUTING (policy ACCEPT)

target	prot	opt	source	destination
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Chain OUTPUT (policy ACCEPT)

target	prot	opt	source	destination
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Chain INPUT (policy ACCEPT)

target	prot	opt	source	destination
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Chain FORWARD (policy ACCEPT)

target	prot	opt	source	destination
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Chain OUTPUT (policy ACCEPT)

target	prot	opt	source	destination
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Chain PREROUTING (policy ACCEPT)

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

target	prot	opt	source	destination
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Chain OUTPUT (policy ACCEPT)

target	prot	opt	source	destination
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Chain POSTROUTING (policy ACCEPT)

target	prot	opt	source	destination
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# 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

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