Subject: *SOLVED* gateway router cannot find VE
Posted by eatingorange on Tue, 19 Jun 2007 23:14:59 GMT

I'm having a problem with an OpenVZ installation. We're seeing about 5 to 10 percent packet loss to the VE from outside. It looks like the gateway router does not like us. We're using venet.

You can see from this ping a gap of about 30 packets:

64 bytes from 10.80.5.71: icmp_seq=1025 ttl=54 time=7.16 ms
64 bytes from 10.80.5.71: icmp_seq=1026 ttl=54 time=7.17 ms
...
64 bytes from 10.80.5.71: icmp_seq=1055 ttl=54 time=43.1 ms
64 bytes from 10.80.5.71: icmp_seq=1056 ttl=54 time=7.12 ms

During this gap, tcpdump from HN's eth0 (it's gateway interface) shows this interesting ARP activity:

10:27:24.933754 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:25.390579 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8
10:27:26.933402 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:27.432327 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8
10:27:28.933049 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:29.060066 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8
10:27:30.932697 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:31.273031 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8
10:27:32.641380 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:33.144759 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8
10:27:33.932293 arp who-has 10.80.5.71 tell 10.80.5.65
10:27:34.014636 arp reply 10.80.5.71 is-at 00:30:48:34:a6:d8

The gateway router is repeatedly asking about .71 but for whatever reason, is either not seeing the response or is just plain ignoring it. Unfortunately, it's a service provider's device and it's been pretty difficult to get the type of support I need in order to figure this out.

Could this be a config problem on my side or his router just braindead? It's a Summit Extreme.

Thanks in advance for any insight anyone may have.

Eric