
Subject: Re: ARP queris being ignored

Posted by [den](#) on Wed, 23 Apr 2008 08:45:50 GMT

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On Wed, 2008-04-23 at 15:37 +0930, chris@cgb1911.mine.nu wrote:

> Hi All,

>

> I have been using OpenVZ for a few months now, and I've been having a
> problem with VE's running for longer then a few days - the hardware
> node ignores ARP queries for VE's that are running on it. The VE has
> IP 192.168.0.105.

>

> When things are working, I see a line from 'arp -a' for the 192.168.0.105
> host:

> [root@sonata ~]# arp -a

> ? (192.168.0.160) at 00:07:E9:5F:BA:60 [ether] on eth0

> ? (192.168.0.253) at 00:1B:2B:2C:C3:4D [ether] on eth0

> ? (192.168.0.105) at * PERM PUP on eth0

>

> When things stop working, the 192.168.0.105 disappears from the output
> of 'arp -a'. An entry for 192.168.0.105 stops appearing in
> /proc/net/arp as well.

>

> A tcpdump show the arp query arriving on the hardware node.

> [root@sonata ~]# tcpdump -nni any arp

> tcpdump: WARNING: Promiscuous mode not supported on the "any" device

> tcpdump: verbose output suppressed, use -v or -vv for full protocol decode

> listening on any, link-type LINUX_SLL (Linux cooked), capture size 96 bytes

> 15:30:19.964806 arp who-has 192.168.0.105 tell 192.168.0.253

> 15:30:21.973385 arp who-has 192.168.0.105 tell 192.168.0.253

> 15:30:23.973453 arp who-has 192.168.0.105 tell 192.168.0.253

> 15:30:25.976838 arp who-has 192.168.0.105 tell 192.168.0.253

you'll have arp replay iff on the `_target_` node/VE

ip route get 192.168.0.105 from 192.168.0.253 iif <incoming_device>

will return either a local route or route to a device other than
incoming.

Regards,
Den
