
Subject: Re: Network issues inside of VE

Posted by [Avi Brender](#) on Thu, 03 Jan 2008 01:43:05 GMT

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Hi There,

We're having this issue with CentOS as well (latest ovz kernel and utils).

The malfunctioning VPS ip is NOT listed in arp -a but it IS listed in 'ip ro l'

This is happening only when the main ip of the vps is on a different subnet from the HN main ip. If we change the IP to be one in the subnet of the HN then it works.

Our debugging with tcpdump indicates that if the VPS pings a foreign IP, the following happens:

- 1) Traffic goes from VPS to HN
 - 2) Traffic goes from HN to destination foreign IP
 - 3) Foreign IP returns traffic to network and the "ARP TELL" for the non-working IP hits the HN but the HN doesn't reply. Again, the entry is missing from 'arp -a' but is in 'ip ro l'
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