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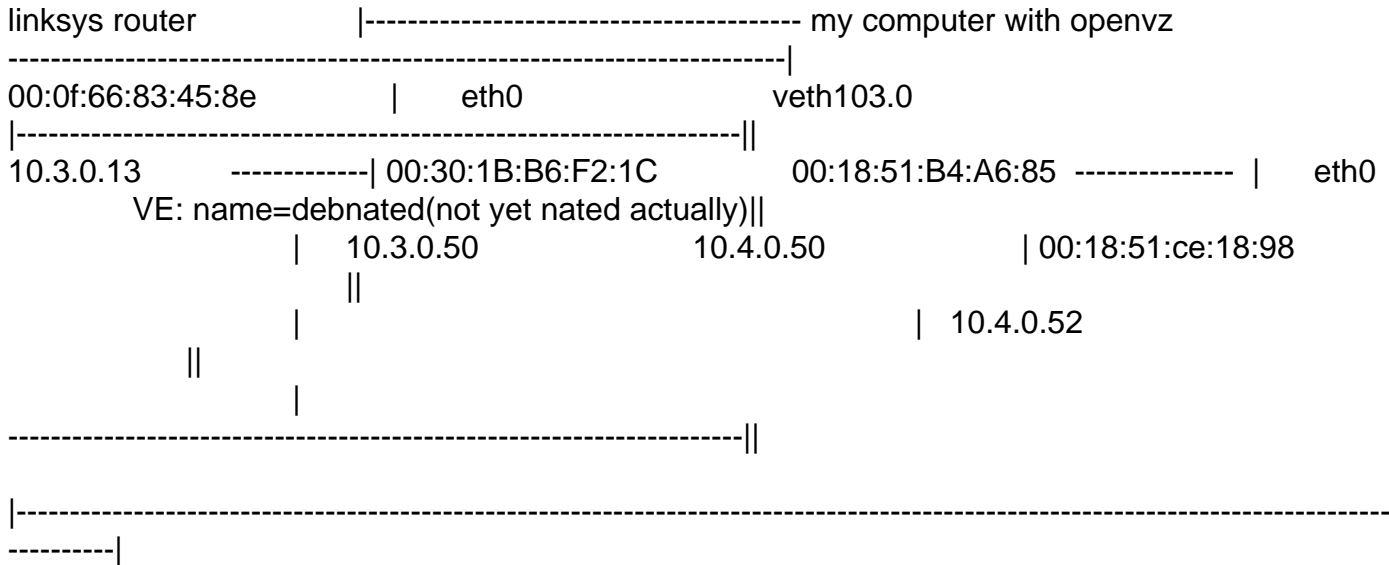
Subject: \*SOLVED\* VE with veth, using MAC address it shouldn't be aware of  
Posted by [samlt](#) on Sun, 04 Feb 2007 10:02:47 GMT

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hello,

Here is a picture, of what I have: (I don't know how it will look for you, so you can also find it here (EDIT: or as an attachment)



on the VE "debnated" (ip: 10.4.0.52):  
ping 10.3.0.13

one tcpdump process running on the eth0 and the other on veth103.0 : (after sorting them (and added the "==" interface" at the end of the line), here is what I get)

- 1) 10:02:24.541939 00:18:51:ce:18:98 (oui Unknown) > Broadcast, ethertype ARP (0x0806), length 42: arp who-has 10.4.0.50 tell debnated == on veth103.0
- 2) 10:02:24.541968 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype ARP (0x0806), length 42: arp reply 10.4.0.50 is-at 00:18:51:b4:a6:85 (oui Unknown) == on veth103.0
- 3) 10:02:24.541973 00:30:1b:b6:f2:1c (oui Unknown) > 00:0f:66:83:45:8e (oui Unknown), ethertype IPv4 (0x0800), length 98: debnated > linksys: ICMP echo request, id 56597, seq 1, length 64 == on veth103.0
- 4) 10:02:24.542005 00:30:1b:b6:f2:1c (oui Unknown) > 00:0f:66:83:45:8e (oui Unknown), ethertype IPv4 (0x0800), length 98: debnated > linksys: ICMP echo request, id 56597, seq 1, length 64 == on eth0
- 5) 10:02:24.542615 00:0f:66:83:45:8e (oui Unknown) > 00:30:1b:b6:f2:1c (oui Unknown), ethertype IPv4 (0x0800), length 98: linksys > debnated: ICMP echo reply, id 56597, seq 1, length 64 == on eth0
- 6) 10:02:24.542633 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype IPv4 (0x0800), length 98: linksys > debnated: ICMP echo reply, id 56597, seq 1, length

64 == on veth103.0

7) 10:02:29.540780 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown),  
ethertype ARP (0x0806), length 42: arp who-has debnated tell 10.4.0.50 == on veth103.0

8) 10:02:29.540809 00:18:51:ce:18:98 (oui Unknown) > 00:18:51:b4:a6:85 (oui Unknown),  
ethertype ARP (0x0806), length 42: arp reply debnated is-at 00:18:51:ce:18:98 (oui Unknown) ==  
on veth103.0

take the 3) line for example, look at the MAC address, shouldn't it be 00:18:51:ce:18:98 >  
00:18:51:B4:A6:85 instead ? the VE "debnated" should not even know thes MAC address?  
(unless I misunderstood something)

here is the arp cache on 'debnated", just after the ping:

debnated:/ # arp

Address	HWtype	HWaddress	Flags	Mask	Iface
10.4.0.50	ether	00:18:51:B4:A6:85	C		eth0

I don't know if it's because of how openvz works, or if I made something wrong?

thanks in advance

## File Attachments

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1) [temp.txt](#), downloaded 488 times

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