Subject: Re: Running DHCP on VPS, (on a router..) Posted by dev on Mon, 01 Oct 2007 08:08:05 GMT

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Dariush,

Thanks, Kirill

can you please add -e option to tcpdump, so that we could check MAC in packets? and tell me plz MAC addresses of HN, veth inside VE and your DHCP client.

Dariush Pietrzak wrote: >>DHCP server should work fine with veth bridged to host eth0 interface. >>Can you reproduce your issue when server doesn't reply? > it looks like this: > HN: tcpdump -n -i eth0.107 > 08:16:19.401880 00:1b:d4:7e:76:2a > 01:00:0c:cc:cc:cd SNAP Unnumbered, ui, Flags [Command], length 50 > 08:16:21.154240 IP 0.0.0.0.68 > 255.255.255.255.67: BOOTP/DHCP, Request from 00:1b:d5:2c:bf:38, length 308 > 08:16:21.185096 IP 192.168.8.254.67 > 255.255.255.255.68: BOOTP/DHCP, Reply, length 300 > 08:16:21.187344 arp who-has 192.168.9.254 tell 192.168.9.97 > > HN: tcpdump -n -i br107 > 08:16:19.401880 00:1b:d4:7e:76:2a > 01:00:0c:cc:cc:cd SNAP Unnumbered, ui, Flags [Command], length 50 > 08:16:21.154240 IP 0.0.0.0.68 > 255.255.255.255.67: BOOTP/DHCP, Request from 00:1b:d5:2c:bf:38, length 308 > 08:16:21.185096 IP 192.168.8.254.67 > 255.255.255.255.68: BOOTP/DHCP, Reply, length 300 > 08:16:21.187344 arp who-has 192.168.9.254 tell 192.168.9.97 > and finally, from inside the vps: > VPS: tcpdump -n -i eth0 > 08:16:19.401886 00:1b:d4:7e:76:2a > 01:00:0c:cc:cc:cd SNAP Unnumbered, ui, Flags [Command], length 50 > 08:16:21.185110 IP 192.168.8.254.67 > 255.255.255.255.68: BOOTP/DHCP, Reply, length 300 > 08:16:21.187356 arp who-has 192.168.9.254 tell 192.168.9.97 > 08:16:21.188600 arp who-has 192.168.8.1 tell 192.168.9.97 >

> as you can see, broadcast request from dhcp client is missing, but strangely enough, the reply

> is clearly visible.

>

> I also tried doing something like this to verify the software inside VPS: I chroot to

..../vz/private/107/ > and then launch the dhcpd against br107, and then it works as expected.