

---

Subject: Re: Running DHCP on VPS, ( on a router.. )  
Posted by [gblond](#) on Fri, 28 Sep 2007 12:44:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On the Friday 28 September 2007 16:14 Dariush Pietrzak, wrote:

> 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

Here is request.

> 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

Here is too.

> 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 >

And here.

> 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.

--

Thanks,  
Vitaliy Gusev

---