Subject: RE: OpenVZ + VPS +dhclient
Posted by Eric Sammons on Sun, 20 Nov 2005 02:09:19 GMT

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My intent is to have my guests (VPS systems) be avaialble to the network
without using iptables, SNAT, or NAT to forward packets. I am using fedora so
I have dhclient available to me and not dhcpcd, at least not with my package
base. Anyone know how to "grab" more than one IP address from a DHCP server
using dhclient. There is no -T option.

Thanks!

>===== Original Message From Kirill Korotaev <dev@sw.ru> =====
>Hello Eric,
>
>you are the first who wants such configuration :), but I suppose it is
>possible to do it if better understand what you are doing and what are
>your goals.
>
>Do you want your VPSs to be accessiable outside from the network?
>
>1. If the answer is "no", then you can setup any local IPs to VPSs and
>configure NAT in the host system. Thus your VPSs will have local IPs,
>will be able to connect to the network, but won't be accessiable from
>outside (though you can map one specific port of the host system to VPS
>port, i.e. can make VPS http server to appear on some specific port of
>host system IP).
>
>2. If the answer is "yes", then I suppose there is definetely something
>strange in your configuration, since DHCP can bring you arbitrary IP
>address and you will have to have some DNS tricks or otherwise you still
>won't be able to determine VPS IP easily from the outside.
>But the good news is that it is possible to do either :)
>I have no dhclient on my machine, but dhcpcd I use here accepts -T
>option which allows (as follows from man page) to get multiple IPs
>without setuping them on the interface itself). So you will need to
>write some simple script which will reserve IP addresses from DHCP this
>way and configure them on VPS with `vzctl set <VPSID> --ipadd <IP>`
>command. Remember to delete previous VPS IP before adding a new one.
>
>Hope this will work for you,
>Kirill
>
>> I have installed fedora core 4, followed up with the install of OpenVZ.
>> Everything seems to work well; however, I have a need to use dhcp rather
>> than static IP addresses. Can I configure a VPS to use dhclient rather
>> than a static ip address? If so how? I tried to:

>>
>> # vzctl enter ###
>> # dhclient venet0
>>
>> The guest was never able to contact the dhcp server.
>>
>> My VPS is also fedora core 4.
>>
>> Thanks!
>> eanxgeek
>>