
Subject: Re: How to allocate ip addresses from ISP via DHCP

Posted by [maratrus](#) on Tue, 03 Feb 2009 08:45:22 GMT

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Hello,

you don't have to generate MAC addresses with easy-mac.sh script because vzctl should generate them automatically.

The following scenario should work (it's a compilation from wiki page <http://wiki.openvz.org/Veth>)

(on the HN)

```
# brctl addbr br0
# brctl addif br0 eth0
# vzctl set $VEID --netif_add eth0 --save
# brctl addif br0 veth$VEID.0
# ifconfig eth0 0
# ifconfig veth$VEID.0 0
# echo 1 > /proc/sys/net/ipv4/conf/veth$VEID.0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/veth$VEID.0/proxy_arp
# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
# ifconfig br0 0
# echo 1 > /proc/sys/net/ipv4/conf/br0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/br0/proxy_arp
# dhclient br0
```

Then ip address should appear on br0 interface and then

(inside CT)

```
# dhclient eth0
```

If this scenario doesn't work then:

- use tcpdump utility on the HN and inside the container when dhclient is running inside CT
- make sure that you don't have to register MAC addresses inside your CTs because of your network policy rules.