
Subject: Re: Handle ip from inside VE

Posted by [dagr](#) on Mon, 22 Oct 2007 07:59:25 GMT

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i checked http://wiki.openvz.org/Virtual_Ethernet_device#Making_a_veth_device_persistent

And found out problem - to make IP work i need to run on HN

```
ip route add 192.168.0.101 dev veth101.0
```

And when i move this IP to another VPS - i will need to change routes on HNs.

My goal is to exclude any need to make changes on HN side.

Lets say i have 2 VEs with db and standby: A and B . Each has main ip - ip_A and ip_B.

And also they have migrating production IP (for switchover).

What i want if to be able to migrate prod_ip from A to B and back running commands from inside VEs. (without any access to HNs ssh or else, though VEs have access to each other). Is it possible ?

P.S - Actually changing routes isnt necessary if there are no clients on same HNs which need communicate to prod_ip. In this case it would be possible just to make ifdown/ifup eth0:1 inside VEs. Still i found out problem with arp announce during ifup. I can see it via tcpdump inside VE but not on HN interface. Ie clients cant refresh their arp cache.

i have

```
/proc/sys/net/ipv4/conf/eth0/proxy_arp
```

```
/proc/sys/net/ipv4/conf/eth0/forwarding
```

```
/proc/sys/net/ipv4/conf/vethX/proxy_arp
```

```
/proc/sys/net/ipv4/conf/vethX/forwarding
```

set to 1.

I also tried to set

```
/proc/sys/net/ipv4/conf/.../arp_announce to 1 - but no result.
```

How do i make HN to retransmit arp announce ?