
Subject: Re: virtual ethernet device

Posted by [maximiliano](#) on Fri, 05 Oct 2007 13:17:19 GMT

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Yes, the reason was beacouse I need install and run Heartbeat Service in one VPS (101), but to run this service I needed one Interface (eg. eth0) with the correct configuration (ip - mask - bcast).

I found some information about this in:

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

Simple configuration with virtual ethernet device

[edit] Start a VE

```
[host-node]# vzctl start 101
```

[edit] Add veth device to VE

```
[host-node]# vzctl set 101 --veth_add veth101.0,00:12:34:56:78:9A,eth0,00:12:34:56:78:9B --save
```

Configure devices in VE0

```
[host-node]# ifconfig veth101.0 0
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/veth101.0/forwarding
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/veth101.0/proxy_arp
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
```

Configure device in VE

```
[host-node]# vzctl enter 101
[ve-101]# /sbin/ifconfig eth0 0
[ve-101]# /sbin/ip addr add 192.168.0.101 dev eth0
[ve-101]# /sbin/ip route add default dev eth0
```

Add route in VE0

```
[host-node]# ip route add 192.168.0.101 dev veth101.0
```

I hope that this can help.

Best Regards

Maximiliano C.
