
Subject: Re: Fully access to NIC
Posted by [TSchilli](#) on Tue, 01 Aug 2006 14:00:35 GMT
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Thanks for that pages.

I used the HOWTO to install such an VETH-device, but it doesn't work. The VPS have the MAC-Address given by the command, ping and everything works correct.
But the command arp still gives no reply, the arp-table seems to be empty or not readable.

Here my networkconfigs, hope somebody could find the mistake?

@ VPS

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-bash-3.00# ifconfig -a

```
eth0  Link encap:Ethernet HWaddr 00:11:43:E3:F4:EF
      inet addr:192.168.0.101 Bcast:0.0.0.0 Mask:255.255.255.255
      inet6 addr: fe80::211:43ff:fee3:f4ef/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:6 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:0 (0.0 b) TX bytes:384 (384.0 b)
```

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1 Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING MTU:16436 Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
      RX packets:4 errors:0 dropped:0 overruns:0 frame:0
      TX packets:4 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:336 (336.0 b) TX bytes:336 (336.0 b)
```

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:134.101.21.87 P-t-P:134.101.21.87 Bcast:134.101.21.87 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

=====

@ VE0

=====

```
eth0   Link encap:Ethernet HWaddr 00:11:43:E3:F4:EE
       inet addr:134.101.28.143 Bcast:134.101.31.255 Mask:255.255.240.0
       inet6 addr: fe80::211:43ff:fee3:f4ee/64 Scope:Link
       UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
       RX packets:12612560 errors:0 dropped:0 overruns:0 frame:0
       TX packets:33275 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:1000
       RX bytes:2145404405 (1.9 GiB) TX bytes:4672347 (4.4 MiB)
       Base address:0xecc0 Memory:dfae0000-dfb00000

eth1   Link encap:Ethernet HWaddr 00:11:43:E3:F4:EF
       BROADCAST MULTICAST MTU:1500 Metric:1
       RX packets:0 errors:0 dropped:0 overruns:0 frame:0
       TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:1000
       RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
       Base address:0xdcc0 Memory:df8e0000-df900000

sit0   Link encap:IPv6-in-IPv4
       NOARP MTU:1480 Metric:1
       RX packets:0 errors:0 dropped:0 overruns:0 frame:0
       TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:0
       RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
       UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
       RX packets:9207 errors:0 dropped:0 overruns:0 frame:0
       TX packets:3619 errors:0 dropped:16 overruns:0 carrier:0
       collisions:0 txqueuelen:0
       RX bytes:1852791 (1.7 MiB) TX bytes:264012 (257.8 KiB)

veth102.0 Link encap:Ethernet HWaddr 00:11:43:E3:F4:EE
       inet6 addr: fe80::211:43ff:fee3:f4ee/64 Scope:Link
       UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
       RX packets:6 errors:0 dropped:0 overruns:0 frame:0
       TX packets:0 errors:0 dropped:6 overruns:0 carrier:0
       collisions:0 txqueuelen:0
       RX bytes:384 (384.0 b) TX bytes:0 (0.0 b)
```

Thanks TSchilli
