
Subject: [solved] eth0 in VE

Posted by [beaver](#) on Mon, 26 Jan 2009 18:03:26 GMT

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Quote:#ifconfig

```
eth0    Link encap:Ethernet  HWaddr 00:E0:81:4B:DD:B3
        inet addr:10.3.0.252  Bcast:10.3.0.255  Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:25563 errors:0 dropped:0 overruns:0 frame:0
        TX packets:1301 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:2396966 (2.2 MiB)  TX bytes:188755 (184.3 KiB)
```

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        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
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:13 errors:0 dropped:0 overruns:0 frame:0
        TX packets:12 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:1025 (1.0 KiB)  TX bytes:1228 (1.1 KiB)
```

Quote:# /sbin/ifconfig

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        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
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:21 errors:0 dropped:0 overruns:0 frame:0
        TX packets:19 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:2880 (2.8 KiB)  TX bytes:3533 (3.4 KiB)
```

venet0:1 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:10.3.0.215 P-t-P:10.3.0.215 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Subject: Re: eth0 in VE
Posted by [maratrus](#) on Tue, 27 Jan 2009 08:23:33 GMT
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Quote:

<http://wiki.openvz.org/Veth>

Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 08:56:56 GMT
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Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 08:59:29 GMT
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Subject: Re: eth0 in VE
Posted by [maratrus](#) on Tue, 27 Jan 2009 09:07:10 GMT
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vzctl set \$VEID --netif_add eth67 --save

Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 09:10:54 GMT
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Subject: Re: eth0 in VE
Posted by [maratrus](#) on Tue, 27 Jan 2009 09:18:00 GMT
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Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 09:19:11 GMT
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Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 09:31:21 GMT
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Subject: Re: eth0 in VE
Posted by [maratrus](#) on Tue, 27 Jan 2009 09:34:39 GMT
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Quote:

"ip a", "ifconfig -a"

Quote:

Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 09:38:48 GMT
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Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 13:26:37 GMT
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```
/sbin/ifconfig eth0 0
/sbin/ip addr add 10.10.186.1 dev eth0
/sbin/ip route add default dev eth0
```

```
eth0    Link encap:Ethernet HWaddr 00:E0:81:4B:DD:B3
        inet addr:10.3.0.252 Bcast:10.3.0.255 Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:38039 errors:0 dropped:0 overruns:0 frame:0
        TX packets:5030 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:3368674 (3.2 MiB) TX bytes:1092350 (1.0 MiB)
```

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1 Mask:255.0.0.0
        UP LOOPBACK RUNNING MTU:16436 Metric:1
        RX packets:44 errors:0 dropped:0 overruns:0 frame:0
        TX packets:44 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:4144 (4.0 KiB) TX bytes:4144 (4.0 KiB)
```

```
veth215.0 Link encap:Ethernet HWaddr 00:18:51:5D:02:44
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:63 errors:0 dropped:0 overruns:0 frame:0
        TX packets:48 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:7896 (7.7 KiB) TX bytes:5688 (5.5 KiB)
```

```
00:18:51:17:86:2F
        inet addr:10.3.0.215 Bcast:10.3.0.255 Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:45 errors:0 dropped:0 overruns:0 frame:0
        TX packets:54 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:5492 (5.3 KiB) TX bytes:7532 (7.3 KiB)
```

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1 Mask:255.0.0.0
        UP LOOPBACK RUNNING MTU:16436 Metric:1
        RX packets:6 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:646 (646.0 b) TX bytes:646 (646.0 b)

<http://freesource.info/wiki/AltLinux/Dokumentacija/OpenVZ>

Subject: Re: eth0 in VE
Posted by [maratrus](#) on Tue, 27 Jan 2009 13:54:56 GMT
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Quote:
/sbin/ip addr add 10.10.186.1 dev eth0

Quote:

Subject: Re: eth0 in VE
Posted by [beaver](#) on Tue, 27 Jan 2009 13:56:47 GMT
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Subject: Re: eth0 in VE

Posted by [beaver](#) on Tue, 27 Jan 2009 14:19:33 GMT

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```
Quote:# ifconfig veth215.0 0
# echo 1 > /proc/sys/net/ipv4/conf/veth215.0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/veth215.0/proxy_arp
# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
# ip route add 10.3.0.215 dev veth215.0
```

Subject: Re: [solved] eth0 in VE
Posted by [_ib_](#) on Fri, 30 Jan 2009 03:56:29 GMT

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```
# ip a
2: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
4: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:40:d0:bf:e2:cf brd ff:ff:ff:ff:ff:ff
    inet 8X.25.71.219/26 brd 8X.25.71.255 scope global eth0
    inet 8X.25.76.244/25 brd 8X.25.76.255 scope global eth0:0
```

```

inet 8X.25.76.243/25 brd 8X.25.76.255 scope global secondary eth0:1
inet 8X.25.76.242/25 brd 8X.25.76.255 scope global secondary eth0:2
inet6 fe80::240:d0ff:febf:e2cf/64 scope link
    valid_lft forever preferred_lft forever
6: eth1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop qlen 1000
    link/ether 00:40:d0:bf:e2:d0 brd ff:ff:ff:ff:ff:ff
1: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/void
5: tunl0: <NOARP> mtu 1480 qdisc noop
    link/ipip 0.0.0.0 brd 0.0.0.0
9: veth244.0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/ether 00:18:51:87:7f:16 brd ff:ff:ff:ff:ff:ff
    inet6 fe80::218:51ff:fe87:7f16/64 scope link
        valid_lft forever preferred_lft forever
-----

```

ifconfig

```

eth0    Link encap:Ethernet  Hardware Adresse 00:40:D0:BF:E2:CF
        inet Adresse:8X.25.71.219  Bcast:8X.25.71.255  Maske:255.255.255.192
        inet6 Adresse: fe80::240:d0ff:febf:e2cf/64  Gültigkeitsbereich:Verbindung
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:464169 errors:0 dropped:0 overruns:0 frame:0
        TX packets:96425 errors:0 dropped:0 overruns:0 carrier:0
        Kollisionen:0 Sendewarteschlangenlänge:1000
        RX bytes:238124704 (227.0 MiB)  TX bytes:16432475 (15.6 MiB)
        Interrupt:5

eth0:0  Link encap:Ethernet  Hardware Adresse 00:40:D0:BF:E2:CF
        inet Adresse:8X.25.76.244  Bcast:8X.25.76.255  Maske:255.255.255.128
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:5

eth0:1  Link encap:Ethernet  Hardware Adresse 00:40:D0:BF:E2:CF
        inet Adresse:8X.25.76.243  Bcast:8X.25.76.255  Maske:255.255.255.128
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:5

eth0:2  Link encap:Ethernet  Hardware Adresse 00:40:D0:BF:E2:CF
        inet Adresse:8X.25.76.242  Bcast:8X.25.76.255  Maske:255.255.255.128
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:5

lo      Link encap:Lokale Schleife
        inet Adresse:127.0.0.1  Maske:255.0.0.0
        inet6 Adresse: ::1/128  Gültigkeitsbereich:Maschine

```


UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:8030 errors:0 dropped:0 overruns:0 frame:0
TX packets:8030 errors:0 dropped:0 overruns:0 carrier:0
Kollisionen:0 Sendewarteschlangenlänge:0
RX bytes:988726 (965.5 KiB) TX bytes:988726 (965.5 KiB)

venet0 Link encap:UNSPEC Hardware Adresse
00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP BROADCAST PUNKTZUPUNKT RUNNING NOARP 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
Kollisionen:0 Sendewarteschlangenlänge:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

veth244.0 Link encap:Ethernet Hardware Adresse 00:18:51:87:7F:16
inet6 Adresse: fe80::218:51ff:fe87:7f16/64 Gültigkeitsbereich:Verbindung
UP BROADCAST RUNNING 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
Kollisionen:0 Sendewarteschlangenlänge:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

vzlist

CTID	NPROC	STATUS	IP_ADDR	HOSTNAME
243	12	running	8X.25.76.243	-
244	12	running	8X.25.76.244	-

Subject: Re: [solved] eth0 in VE
Posted by [maratrus](#) on Fri, 30 Jan 2009 08:56:36 GMT
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Quote:

Quote:

Quote:

```
4: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:40:d0:bf:e2:cf brd ff:ff:ff:ff:ff:ff
    inet 8X.25.71.219/26 brd 8X.25.71.255 scope global eth0
    inet 8X.25.76.244/25 brd 8X.25.76.255 scope global eth0:0
    inet 8X.25.76.243/25 brd 8X.25.76.255 scope global secondary
```

```
# ifconfig veth244.0 0
# echo 1 > /proc/sys/net/ipv4/conf/veth244.0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/veth244.0/proxy_arp
# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
# vzctl enter 244
```

```
# ifconfig eth0 0
# ifconfig eth0 8X.25.71.219/26
# ip route add default dev eth0
```

```
# ip route add 8X.25.71.219 dev veth244.0
```

http://wiki.openvz.org/Veth#Virtual_Ethernet_devices_can_be_joined_in_one_bridge

Subject: Re: [solved] eth0 in VE
Posted by [_ib_](#) on Fri, 13 Feb 2009 02:29:20 GMT
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maratrus wrote on Fri, 30 January 2009 03:56

Quote:

Quote:

Quote:

Quote:

```
# ifconfig veth244.0 0
# echo 1 > /proc/sys/net/ipv4/conf/veth244.0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/veth244.0/proxy_arp
# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
# vzctl enter 244
```

```
# ifconfig eth0 0
```

```
# ifconfig eth0 8X.25.71.219/26
# ip route add default dev eth0

# ip route add 8X.25.71.219 dev veth244.0
```

```
[root@ network-scripts]# vzctl enter 242
entered into CT 242
[root@NODE242 /]# ifconfig eth0 0
[root@NODE242 /]# ifconfig eth0 8X.25.71.242/26
[root@NODE242 /]# ip route add default dev eth0
RTNETLINK answers: File exists
->EXIT
```

RTNETLINK answers: File exists

eth0 Link encap:Ethernet Hardware Adresse 00:40:D0:BF:E2:CF
 inet6 Adresse: fe80::240:d0ff:febf:e2cf/64

eth0:0 Link encap:Ethernet Hardware Adresse 00:40:D0:BF:E2:CF

eth0:1 Link encap:Ethernet Hardware Adresse 00:40:D0:BF:E2:CF

eth0:2 Link encap:Ethernet Hardware Adresse 00:40:D0:BF:E2:CF

lo Link encap:...

venet0 Link encap:UNSPEC ...

Metric:1

veth242.0 Link encap:Ethernet Hardware Adresse 00:18:51:C1:B4:DD
 inet6 Adresse: fe80::218:51ff:fec1:b4dd/64 Gültigkeitsbereich:Verbindung
 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:0 overruns:0 carrier:0
 Kollisionen:0 Sendewarteschlangenlänge:0
 RX bytes:384 (384.0 b) TX bytes:0 (0.0 b)

Quote:

Subject: Re: [solved] eth0 in VE
Posted by [maratrus](#) on Fri, 13 Feb 2009 10:18:10 GMT
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Quote:

Quote:

```
[root@NODE242 /]# ip route add default dev eth0
RTNETLINK answers: File exists
```

route list"

Quote:

RTNETLINK answers: File exists

Subject: Re: [solved] eth0 in VE
Posted by [_ib_](#) on Fri, 13 Feb 2009 13:04:27 GMT

```
# service network restart
-->all OK
```

```
# ip route list
8X.25.76.242 dev venet0 scope link
8X.25.71.192/26 dev eth0 proto kernel scope link src 8X.25.71.219
169.254.0.0/16 dev eth0 scope link
default via 8X.25.71.1X dev eth0
# ipconfig
```

```
eth0
lo
venet0
veth242.0
```

Subject: Re: [solved] eth0 in VE
Posted by [maratrus](#) on Fri, 13 Feb 2009 13:15:22 GMT
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Quote:

Subject: Re: [solved] eth0 in VE
Posted by [_ib_](#) on Tue, 17 Feb 2009 02:30:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

maratrus wrote on Fri, 13 February 2009 08:15Quote:

```
[... network-scripts]# vzctl enter 242
entered into CT 242
```

```
[/]# ifconfig
```

```
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:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:108 errors:0 dropped:0 overruns:0 carrier:0
```

collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:8084 (7.8 KiB)

venet0:0 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

venet0?

Subject: Re: [solved] eth0 in VE
Posted by [maratrus](#) on Tue, 24 Feb 2009 08:27:55 GMT
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Quote:

Quote:

venet0?

Quote:

Quote:

http://wiki.openvz.org/Quick_installation#sysctl

