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Posted by [Sergey\\_Sidorin](#) on Tue, 21 Aug 2007 08:45:09 GMT

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# ifconfig

eth0 Link encap:Ethernet HWaddr 00:04:23:D8:FD:C4  
inet addr:10.0.101.19 Bcast:10.0.101.255 Mask:255.255.255.0  
inet6 addr: fe80::204:23ff:fed8:fdc4/64 Scope:Link  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:3939660 errors:0 dropped:0 overruns:0 frame:0  
TX packets:88993 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:100  
RX bytes:278596214 (265.6 MiB) TX bytes:7778306 (7.4 MiB)  
Base address:0x2020 Memory:b8820000-b8840000

eth1 Link encap:Ethernet HWaddr 00:04:23:D8:FD:C5

inet6 addr: fe80::204:23ff:fed8:fdc5/64 Scope:Link  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:3799143 errors:0 dropped:0 overruns:0 frame:0  
TX packets:2831582 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:100  
RX bytes:527150890 (502.7 MiB) TX bytes:437751694 (417.4 MiB)  
Base address:0x2000 Memory:b8800000-b8820000

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:1433 errors:0 dropped:0 overruns:0 frame:0  
TX packets:1433 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:614915 (600.5 KiB) TX bytes:614915 (600.5 KiB)

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:2313938 errors:0 dropped:0 overruns:0 frame:0  
TX packets:2057760 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:311778946 (297.3 MiB) TX bytes:172124254 (164.1 MiB)

Kernel IP routing table

Destination	Gateway	Genmask	Flags	MSS Window	irtt	Iface
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0 venet0

0 eth1

10.0.101.0	0.0.0.0	255.255.255.0	U	0 0	0 eth0
169.254.0.0	0.0.0.0	255.255.0.0	U	0 0	0 eth1

0 0 0 eth1

### 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:1658 errors:0 dropped:0 overruns:0 frame:0
  TX packets:1862 errors:0 dropped:0 overruns:0 carrier:0
  collisions:0 txqueuelen:0
  RX bytes:140120 (136.8 KiB) TX bytes:1346858 (1.2 MiB)
```

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

### Kernel IP routing table

Destination	Gateway	Genmask	Flags	MSS	Window	irtt	Iface
192.0.2.0	0.0.0.0	255.255.255.0	U	0 0	0		venet0
169.254.0.0	0.0.0.0	255.255.0.0	U	0 0	0		venet0
0.0.0.0	192.0.2.1	0.0.0.0	UG	0 0	0		venet0

```
# traceroute -n 10.0.101.1
traceroute to 10.0.101.1 (10.0.101.1), 30 hops max, 38 byte packets
 1 10.0.101.19 0.065 ms 0.024 ms 0.023 ms
 2 * * *
```

```
# traceroute -n 10.0.7.1
traceroute to 10.0.7.1 (10.0.7.1), 30 hops max, 38 byte packets
 1 10.0.101.19 0.054 ms 0.024 ms 0.023 ms
 2 10.0.7.1 0.468 ms 0.241 ms 0.488 ms
```

P.S.:

```
# sysctl -a | grep forward|grep ipv4
net.ipv4.conf.venet0.mc_forwarding = 0
net.ipv4.conf.venet0.forwarding = 1
net.ipv4.conf.eth1.mc_forwarding = 0
net.ipv4.conf.eth1.forwarding = 1
net.ipv4.conf.eth0.mc_forwarding = 0
net.ipv4.conf.eth0.forwarding = 1
net.ipv4.conf.lo.mc_forwarding = 0
net.ipv4.conf.lo.forwarding = 1
net.ipv4.conf.default.mc_forwarding = 0
net.ipv4.conf.default.forwarding = 1
net.ipv4.conf.all.mc_forwarding = 0
net.ipv4.conf.all.forwarding = 1
net.ipv4.ip_forward = 1
```

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