



File Machine View Input Devices Help

File Edit View Search Terminal Help

```
[root@localhost ~]# ping www.google.com
PING www.google.com (172.217.163.132) 56(84) bytes of data.
64 bytes from maa05s04-in-f4.1e100.net (172.217.163.132): icmp_seq=1 ttl=116 time=144 ms
64 bytes from maa05s04-in-f4.1e100.net (172.217.163.132): icmp_seq=2 ttl=116 time=120 ms
64 bytes from maa05s04-in-f4.1e100.net (172.217.163.132): icmp_seq=3 ttl=116 time=116 ms
64 bytes from maa05s04-in-f4.1e100.net (172.217.163.132): icmp_seq=4 ttl=116 time=102 ms
64 bytes from maa05s04-in-f4.1e100.net (172.217.163.132): icmp_seq=5 ttl=116 time=194 ms
^C
--- www.google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 10ms
rtt min/avg/max/mdev = 102.316/135.272/193.792/32.195 ms
[root@localhost ~]# ping 172.217.163.132
PING 172.217.163.132 (172.217.163.132) 56(84) bytes of data.
64 bytes from 172.217.163.132: icmp_seq=1 ttl=116 time=104 ms
64 bytes from 172.217.163.132: icmp_seq=2 ttl=116 time=149 ms
64 bytes from 172.217.163.132: icmp_seq=3 ttl=116 time=101 ms
64 bytes from 172.217.163.132: icmp_seq=4 ttl=116 time=101 ms
^C
--- 172.217.163.132 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 7ms
rtt min/avg/max/mdev = 100.964/113.811/149.434/20.597 ms
[root@localhost ~]#
```



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```
[root@localhost ~]# ping www.facebook.com
PING star-mini.c10r.facebook.com (69.171.250.35) 56(84) bytes of data.
64 bytes from edge-star-mini-shv-01-any2.facebook.com (69.171.250.35): icmp_seq=1 ttl=56 time=79.3 ms
64 bytes from edge-star-mini-shv-01-any2.facebook.com (69.171.250.35): icmp_seq=2 ttl=56 time=86.3 ms
64 bytes from edge-star-mini-shv-01-any2.facebook.com (69.171.250.35): icmp_seq=3 ttl=56 time=81.6 ms
64 bytes from edge-star-mini-shv-01-any2.facebook.com (69.171.250.35): icmp_seq=4 ttl=56 time=81.8 ms
64 bytes from edge-star-mini-shv-01-any2.facebook.com (69.171.250.35): icmp_seq=5 ttl=56 time=81.9 ms
^C
--- star-mini.c10r.facebook.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 12ms
rtt min/avg/max/mdev = 79.306/82.172/86.336/2.254 ms
[root@localhost ~]# ping 69.171.250.35
PING 69.171.250.35 (69.171.250.35) 56(84) bytes of data.
64 bytes from 69.171.250.35: icmp_seq=1 ttl=56 time=80.3 ms
64 bytes from 69.171.250.35: icmp_seq=2 ttl=56 time=85.4 ms
64 bytes from 69.171.250.35: icmp_seq=3 ttl=56 time=99.3 ms
64 bytes from 69.171.250.35: icmp_seq=4 ttl=56 time=69.7 ms
64 bytes from 69.171.250.35: icmp_seq=5 ttl=56 time=76.6 ms
^C
--- 69.171.250.35 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 16ms
rtt min/avg/max/mdev = 69.748/82.294/99.338/9.943 ms
[root@localhost ~]#
```




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[root@localhost ~]# route -n

Kernel IP routing table

| Destination   | Gateway      | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|--------------|---------------|-------|--------|-----|-----|---------|
| 0.0.0.0       | 192.168.43.1 | 0.0.0.0       | UG    | 100    | 0   | 0   | enp0s3  |
| 172.17.0.0    | 0.0.0.0      | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0      | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0      | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |



[root@localhost ~]# route del -net 0.0.0.0

[root@localhost ~]# route -n

Kernel IP routing table

| Destination   | Gateway | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|---------|---------------|-------|--------|-----|-----|---------|
| 172.17.0.0    | 0.0.0.0 | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0 | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0 | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

[root@localhost ~]#



```
[root@localhost ~]# route -n
```

```
Kernel IP routing table
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|---------------|--------------|---------------|-------|--------|-----|-----|---------|
| 0.0.0.0       | 192.168.43.1 | 0.0.0.0       | UG    | 100    | 0   | 0   | enp0s3  |
| 172.17.0.0    | 0.0.0.0      | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0      | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0      | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

```
[root@localhost ~]# route del -net 0.0.0.0
```

```
[root@localhost ~]# route -n
```

```
Kernel IP routing table
```

| Destination   | Gateway | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|---------|---------------|-------|--------|-----|-----|---------|
| 172.17.0.0    | 0.0.0.0 | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0 | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0 | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

```
[root@localhost ~]# ping www.google.com
```

```
connect: Network is unreachable
```

```
[root@localhost ~]# ping www.facebook.com
```

```
connect: Network is unreachable
```

```
[root@localhost ~]#
```



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```
[root@localhost ~]# route -n
```

```
Kernel IP routing table
```

| Destination   | Gateway      | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|--------------|---------------|-------|--------|-----|-----|---------|
| 0.0.0.0       | 192.168.43.1 | 0.0.0.0       | UG    | 100    | 0   | 0   | enp0s3  |
| 172.17.0.0    | 0.0.0.0      | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0      | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0      | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

```
[root@localhost ~]# route del -net 0.0.0.0
```

```
[root@localhost ~]# route -n
```

```
Kernel IP routing table
```

| Destination   | Gateway | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|---------|---------------|-------|--------|-----|-----|---------|
| 172.17.0.0    | 0.0.0.0 | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 192.168.43.0  | 0.0.0.0 | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0 | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

```
[root@localhost ~]# ping www.google.com
```

```
connect: Network is unreachable
```

```
[root@localhost ~]# ping www.facebook.com
```

```
connect: Network is unreachable
```

```
[root@localhost ~]# route add -net 172.217.0.0 netmask 255.255.0.0 gw 192.168.43.1 enp0s3
```

```
[root@localhost ~]# route -n
```

```
Kernel IP routing table
```

| Destination   | Gateway      | Genmask       | Flags | Metric | Ref | Use | Iface   |
|---------------|--------------|---------------|-------|--------|-----|-----|---------|
| 172.17.0.0    | 0.0.0.0      | 255.255.0.0   | U     | 0      | 0   | 0   | docker0 |
| 172.217.0.0   | 192.168.43.1 | 255.255.0.0   | UG    | 0      | 0   | 0   | enp0s3  |
| 192.168.43.0  | 0.0.0.0      | 255.255.255.0 | U     | 100    | 0   | 0   | enp0s3  |
| 192.168.122.0 | 0.0.0.0      | 255.255.255.0 | U     | 0      | 0   | 0   | virbr0  |

```
[root@localhost ~]# ping www.google.com
```

```
PING www.google.com (172.217.167.196) 56(84) bytes of data.
```

```
64 bytes from del03s18-in-f4.1e100.net (172.217.167.196): icmp_seq=1 ttl=117 time=107 ms
```

```
64 bytes from del03s18-in-f4.1e100.net (172.217.167.196): icmp_seq=2 ttl=117 time=76.8 ms
```

```
64 bytes from del03s18-in-f4.1e100.net (172.217.167.196): icmp_seq=3 ttl=117 time=218 ms
```

```
^C
```

```
--- www.google.com ping statistics ---
```

```
3 packets transmitted, 3 received, 0% packet loss, time 5ms
```

```
rtt min/avg/max/mdev = 76.788/134.027/217.881/60.598 ms
```

```
[root@localhost ~]# ping www.facebook.com
```

```
connect: Network is unreachable
```