## System 1

X

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File Machine View Input Devices Help
[root@localhost ~]# ifconfig enp0s3
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
       inet 192.168.225.203 netmask 255.255.255.0 broadcast 192.168.225.255
       inet6 2409:4063:4e03:20ba:cbf6:a5ee:fa5f:3fad prefixlen 64 scopeid 0x0<global>
       inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link>
       ether 08:00:27:59:22:62 txqueuelen 1000 (Ethernet)
       RX packets 37 butes 3899 (3.8 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 42 bytes 4122 (4.0 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~]# ifconfig enp@s3 192.168.225.1/24
[root@localhost ~]# ifconfig enp0s3
enp0s3: flags=4163<UP.BROADCAST.RUNNING.MULTICAST>
                                                  mtu 1500
       inet 192.168.225.1 netmask 255.255.255.0 broadcast 192.168.225.255
       ineto 2703-7003-7003-2000-coro-acc-rasi-sfad prefixlen 64 scopeid 0x0<global>
       inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link>
       ether 08:00:27:59:22:62 txqueuelen 1000 (Ethernet)
       RX packets 41 bytes 4283 (4.1 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 45 butes 4446 (4.3 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~]# route add -net 192.168.225.0/30 enp0s3
[root@localhost ~]# route -n
Kernel IP routing table
Destination
                               Genmask
                                              Flags Metric Ref
                                                                  Use Iface
               Gatewau
```

255.255.255.252 U

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0.0.0.0

192.168.225.0

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ether 08:00:27:89:d6:5d txqueuelen 1000 (Ethernet) RX packets 87 bytes 9524 (9.3 KiB) RX errors 0 dropped 0 overruns 0 frame 0 TX packets 60 bytes 5698 (5.5 KiB) TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0 [root@localhost ~]# ifconfig enp0s3 192.168.225.2/24 [root@localhost ~]# ifconfig enp0s3 env0s3: flage=4163/UP RROADCAST RUNNING MULTICAST\ mtu 1500 inet 192.168.225.2 netmask 255.255.255.0 broadcast 192.168.225.255 The to reconstruction of the scope id 0x20 < link > inet6 2409:4063:4e03:20ba:2b14:b92f:c9bc:aab0 prefixlen 64 scopeid 0x0<global> inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link> ether 08:00:27:89:d6:5d txqueuelen 1000 (Ethernet) RX packets 94 bytes 10220 (9.9 KiB) RX errors 0 dropped 0 overruns 0 frame 0 TX packets 64 bytes 6108 (5.9 KiB) TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0 [root@localhost ~]# route add -net 192.168.225.0/31 emp0s3-[root@localhost ~]# ifconfig enp0s3 enp0s3: flags=4163<UP.BROADCAST.RUNNING.MULTICAST> mtu 1500 inet 192.168.225.2 netmask 255.255.255.0 broadcast 192.168.225.255 inet6 reov. 3123.00ec. 3732.1022 prefixien 64 scopeid 0x20<link> inet6 2409:4063:4e03:20ba:2b14:b92f:c9bc:aab0 prefixlen 64 scopeid 0x0<global> inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link> ether 08:00:27:89:d6:5d txqueuelen 1000 (Ethernet) RX packets 102 bytes 10970 (10.7 KiB) RX errors 0 dropped 0 overruns 0 frame 0 TX packets 70 bytes 6684 (6.5 KiB) TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0 [root@localhost ~]# route -n Kernel IP routing table Destination Gateway Flags Metric Ref Use Iface Genmask 192.168.225.0 0.0.0.0255.255.255.254 U 0 enp0s3

COO CE TOCA THOS C 1#

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[root@localhost ~]# ifconfig enp0s3
emp0s3: flags=4163/UP BROADCAST RUNNING MULTICASTS mtu 1500
       inet 192.168.225.140 netmask 255.255.255.0
                                                   broadcast 192.168.225.255
       ineto reputibizationalo prefixien of
                                                     scopeid 0x20<link>
       inet6 2409:4063:4e03:20ba:6eb1:2e30:3487:2b43
                                                     prefixlen 64 scopeid 0x0<global>
                                                     scopeid 0x20<link>
       inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64
       inet6 fe80::5125:88ec:9792:1d22 prefixlen 64 scopeid 0x20<link>
       ether 08:00:27:21:8c:cf txqueuelen 1000 (Ethernet)
       RX packets 136 bytes 13254 (12.9 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 102 bytes 9592 (9.3 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~]# ifconfig enp0s3 192.168.225.3/24
[root@localhost ~1# ifconfig enp0s3
enp0s3: flags=4163<IIP.RROADCAST.RUNNING.MULTICAST>
                                                  mtu 1500
       inet 192.168.225.3 netmask 255.255.255.0
                                                broadcast 192.168.225.255
                                                     scopeid 0x20<link>
       inet6 reov..prza.sars.srap.easr prerixien 64
       inet6 2409:4063:4e03:20ba:6eb1:2e30:3487:2b43
                                                     prefixlen 64 scopeid 0x0(global)
       inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64
                                                     scopeid 0x20<link>
       inet6 fe80::5125:88ec:9792:1d22 prefixlen 64 scopeid 0x20<link>
       ether 08:00:27:21:8c:cf txqueuelen 1000 (Ethernet)
       RX packets 139 bytes 13486 (13.1 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 104 bytes 9830 (9.5 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~]# route add -net 192.168.225.0/31 enp0s3
[root@localhost ~1# route -n
Kernel IP routing table
Destination
               Gateway
                               Genmask
                                              Flags Metric Ref
                                                                  Use Iface
               0.0.0.0
                               255.255.255.254 U
192.168.225.0
                                                           И
                                                                    0 enp0s3
```

[root@localhost ~]#

File Machine View Input Devices Help [root@localhost ~]# ifconfig enp@s3 emp0s3: flags=4163(IP\_BROADCAST\_RUNNING\_MULTICAST) mtu 1500 inet 192.168.225.1 netmask 255.255.255.0 broadcast 192.168.225.255 ineto בישים בסטים בשום בסונים וneto בישים בסטים בשום בשום בשום בשום בשום בשום בשום ineto בישים בישים בשום ווחלים inet6 2409:4063:439f:cd96:70f2:c6a3:207:2570 prefixlen 64 scopeid 0x0<global> inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link> ether 08:00:27:59:22:62 txqueuelen 1000 (Ethernet) RX packets 183 bytes 17049 (16.6 KiB) RX errors 0 dropped 0 overruns 0 frame 0 TX packets 190 bytes 19192 (18.7 KiB) TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0 [root@localhost ~]# ping 192.168.225.1 PING 192.168.225.1 (192.168.225.1) 56(84) bytes of data. 64 bytes from 192.168.225.1: icmp seg=1 ttl=64 time=0.059 ms 64 bytes from 192.168.225.1: icmp seg=2 ttl=64 time=0.056 ms --- 192.168.225.1 ping statistics ---2 packets transmitted, 2 received, 0% packet loss, time 42ms rtt min/avg/max/mdev = 0.056/0.057/0.059/0.002 [root@localhost ~]# ping 192.168.225.2 PING 192.168.225.2 (192.168.225.2) 56(84) butes f data. 64 bytes from 192.168.225.2: icmp\_seq=1 ttl=64 time=0.588 ms 64 bytes from 192.168.225.2: icmp\_seq=2 ttl=64 time=0.914 ms `C --- 192.168.225.2 ping statistics --packets transmitted, 2 received, 0% packet loss, time 31ms rtt min/avg/max/mdev = 0.588/0.751/0.914/0.163 [root@localhost ~]# ping 192.168.225.3 PING 192.168.225.3 (192.168.225.3) 56(84) byte of data. 64 bytes from 192.168.225.3: icmp\_seq=1 ttl=64 time=0.547 ms 64 bytes from 192.168.225.3: icmp seg=2 ttl=64 time=0.634 ms °C --- 192.168.225.3 ping statistics ---2 packets transmitted, 2 received, 0% packet loss, time 36ms rtt min/avg/max/mdev = 0.547/0.590/0.634/0.049 ms

[root@localhost ~]#

```
File Machine View Input Devices Help
[root@localhost ~1# ifconfig enp@s3
enp0s3: flags=4163<UP.BROADCAST.RUNNING.MULTICAST> mtu 1500
       inet 192.168.225.2 netmask 255.255.255.0 broadcast 192.168.225.255
       inet6 reconstruction of scope id 0x20link>
       inet6 2409:4063:4e03:20ba:2b14:b92f:c9bc:aab0 prefixlen 64 scopeid 0x0<global>
       inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64 scopeid 0x20<link>
       ether 08:00:27:89:d6:5d txqueuelen 1000 (Ethernet)
       RX packets 180 bytes 16870 (16.4 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 106 bytes 9546 (9.3 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~1# ping 192.168.225.1-
PING 192.168.225.1 (192.168.225.1) 56(84) butes of data.
64 bytes from 192.168.225.1: icmp_seq=1 ttl=64 time=2.74 ms
64 bytes from 192.168.225.1: icmp seg=2 ttl=64 time=3.22 ms
64 bytes from 192.168.225.1: icmp seg=3 ttl=64 time=2.88 ms
--- 192.168.225.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 5ms
rtt min/avg/max/mdev = 2.740/2.944/3.215/0.204
[root@localhost ~]# ping 192.168.225.2
PING 192.168.225.2 (192.168.225.2) 56(84) bytes of data.
64 bytes from 192.168.225.2: icmp_seq=1 ttl=64 time=0.058 ms
64 bytes from 192.168.225.2: icmp_seq=2 ttl=64 time=0.100 ms
64 bytes from 192.168.225.2: icmp_seg=3 ttl=64 time=0.095 ms
--- 192.168.225.2 ping statistics ---
 packets transmitted, 3 received, 0% packet loss, time 81ms
rtt min/avg/max/mdev = 0.058/0.084/0.100/0.020
[root@localhost ~]# ping 192.168.225.3
connect: Network is unreachable
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File Machine View Input Devices Help
[root@localhost ~]# ifconfig enp0s3
emp0s3: flags=4163/HP BROADCAST RHINNING MILTICASTS
                                                   mtu 1500
        inet 192.168.225.3 netmask 255.255.255.0
                                                  broadcast 192.168.225.255
        ineto reconstruction of the reconstruction of
                                                      scopeid 0x20<link>
        inet6 2409:4063:4e03:20ba:6eb1:2e30:3487:2b43
                                                      prefixlen 64 scopeid 0x0<global>
                                                      scopeid 0x20<link>
        inet6 fe80::cec0:e40c:8e1b:e305 prefixlen 64
        inet6 fe80::5125:88ec:9792:1d22 prefixlen 64
                                                      scopeid 0x20<link>
       ether 08:00:27:21:8c:cf txqueuelen 1000 (Ethernet)
       RX packets 172 bytes 16116 (15.7 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 126 bytes 11918 (11.6 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@localhost ~]# ping 192.168.225.1
PING 192.168.225.1 (192.168.225.1) 56(84) byte of data.
64 bytes from 192.168.225.1: icmp_seq=1 ttl=64 time=4.54 ms
64 bytes from 192.168.225.1: icmp_seq=2 ttl=64 time=3.26 ms
64 bytes from 192.168.225.1: icmp seg=3 ttl=64 time=1.98 ms
--- 192.168.225.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 6ms
rtt min/avg/max/mdev = 1.978/3.258/4.538/1.045 ms
[root@localhost ~]# ping 192.168.225.2
connect: Network is unreachable
[root@localhost ~]# ping 192.168.225.3
PING 192.168.225.3 (192.168.225.3) 56(84) bytes of data.
64 bytes from 192.168.225.3: icmp seg=1 ttl=64 time=0.045 ms
64 bytes from 192.168.225.3: icmp_seq=2 ttl=64 time=0.053 ms
64 bytes from 192.168.225.3: icmp_seq=3 ttl=64 time=0.042 ms
-- 192.168.225.3 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 72ms
rtt min/avg/max/mdev = 0.042/0.046/0.053/0.009 ms
[root@localhost ~1#
```