



Net2 – 10.89.25.0/24  
 Net3 – 10.2.89.0/24  
 Net4 – 172.16.25.0/24

```

Выбрать C:\WINDOWS\system32\cmd.exe
Connection-specific DNS Suffix . : 
Link-local IPv6 Address . . . . . : fe80::3262:7bc2:d934:bf7d%23
IPv4 Address. . . . . : 192.168.84.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

Ethernet adapter VMware Network Adapter VMnet8:

Connection-specific DNS Suffix . : 
Link-local IPv6 Address . . . . . : fe80::ac88:d9fe:fa82:d704%13
IPv4 Address. . . . . : 192.168.222.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

Wireless LAN adapter Беспроводная сеть:

Connection-specific DNS Suffix . : 
Link-local IPv6 Address . . . . . : fe80::d4f0:bea2:57db:e768%2
IPv4 Address. . . . . : 192.168.101.3
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.101.1

Tunnel adapter Teredo Tunneling Pseudo-Interface:

Connection-specific DNS Suffix . : 
IPv6 Address. . . . . : 2001:0:284a:364:c19:31e3:3ca2:2b3c
Link-local IPv6 Address . . . . . : fe80::c19:31e3:3ca2:2b3c%18
Default Gateway . . . . . : 

C:\Users\Anastasia>
  
```

## Client 1 (Ubuntu)

```
ams@Client1: ~  
GNU nano 6.2 /etc/network/interfaces *  
source /etc/network/interfaces.d/*  
  
# The loopback network interface  
auto lo  
iface lo inet loopback  
  
# The primary network interface  
allow-hotplug eth0  
iface eth0 inet dhcp  
  
#Net2  
auto ens38  
iface ens38 inet static  
address 10.89.25.1  
netmask 255.255.255.0  
  
#Net4  
auto ens33  
iface ens33 inet static  
address 172.16.25.1  
netmask 255.255.255.0
```

```
ams@Client1: ~  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host  
        valid_lft forever preferred_lft forever  
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:3f:75:e5 brd ff:ff:ff:ff:ff:ff  
    altname enp2s1  
    inet 172.16.25.1/24 brd 172.16.25.255 scope global ens33  
        valid_lft forever preferred_lft forever  
    inet6 fe80::20c:29ff:fe3f:75e5/64 scope link  
        valid_lft forever preferred_lft forever  
3: ens38: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:3f:75:ef brd ff:ff:ff:ff:ff:ff  
    altname enp2s6  
    inet 10.89.25.1/24 brd 10.89.25.255 scope global ens38  
        valid_lft forever preferred_lft forever  
    inet6 fe80::20c:29ff:fe3f:75ef/64 scope link  
        valid_lft forever preferred_lft forever  
ams@Client1: $
```

## Client 2 (CentOS)

```
ams@localhost:~  
GNU nano 2.9.8  
TYPE=Ethernet  
PROXY_METHOD=none  
BROWSER_ONLY=no  
DEFROUTE=yes  
IPV4_FAILURE_FATAL=no  
IPV6INIT=yes  
IPV6_AUTOCONF=yes  
IPV6_DEFROUTE=yes  
IPV6_FAILURE_FATAL=no  
IPV6_ADDR_GEN_MODE=euip64  
NAME=ens33  
UUID=459f0750-791f-40e7-a4b7-ed8055c577d4  
DEVICE=ens33  
ONBOOT=yes  
#Net3  
IPADDR=10.2.89.2  
NETMASK=255.255.255.0  
#GATEWAY=192.168.1.1  
#DNS1=192.168.1.1  
#DNS2=8.8.8.8  
HWADDR=00:0C:29:D9:52:06  
PREFIX=24  
valid_lft forever preferred_lft forever  
5: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:d9:52:06 brd ff:ff:ff:ff:ff:ff  
    altname enp2s1  
    inet 10.2.89.2/24 brd 10.2.89.255 scope global noprefixroute ens33  
        valid_lft forever preferred_lft forever  
    inet6 fe80::20c:29ff:fed9:5206/64 scope link noprefixroute  
        valid_lft forever preferred_lft forever  
6: ens37: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:d9:52:10 brd ff:ff:ff:ff:ff:ff  
    altname enp2s5  
    inet 172.16.25.2/24 brd 172.16.25.255 scope global noprefixroute ens37  
        valid_lft forever preferred_lft forever  
    inet6 fe80::90bd:ab80:b62d:c0ee/64 scope link noprefixroute  
        valid_lft forever preferred_lft forever
```

```
ams@localhost:~  
GNU nano 2.9.8 /etc/sysconfig/network-scripts/ifcfg-ens33  
TYPE=Ethernet  
HWADDR=00:0C:29:D9:52:10  
PROXY_METHOD=none  
BROWSER_ONLY=no  
BOOTPROTO=none  
IPADDR=172.16.25.2  
PREFIX=24  
DEFROUTE=yes  
PEERDNS=no  
PEERROUTES=no  
IPV4_FAILURE_FATAL=no  
IPV6INIT=yes  
IPV6_AUTOCONF=yes  
IPV6_DEFROUTE=yes  
IPV6_FAILURE_FATAL=no  
IPV6_ADDR_GEN_MODE=default  
NAME=Net4  
UUID=4ce8d46e-2e4b-4dc6-b09f-a0c52f42b0f5  
ONBOOT=yes
```

## Server

```
ams@server1:~$ ip a  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host  
        valid_lft forever preferred_lft forever  
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:4f:63:5b brd ff:ff:ff:ff:ff:ff  
    altname enp2s1  
    inet 192.168.101.6/24 metric 100 brd 192.168.101.255 scope global dynamic ens33  
        valid_lft 86362sec preferred_lft 86362sec  
    inet6 fe80::20c:29ff:fe4f:635b/64 scope link  
        valid_lft forever preferred_lft forever  
3: ens38: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:4f:63:65 brd ff:ff:ff:ff:ff:ff  
    altname enp2s6  
    inet 10.89.25.5/24 brd 10.89.25.255 scope global ens38  
        valid_lft forever preferred_lft forever  
    inet6 fe80::20c:29ff:fe4f:6365/64 scope link  
        valid_lft forever preferred_lft forever  
4: ens39: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 00:0c:29:4f:63:6f brd ff:ff:ff:ff:ff:ff  
    altname enp2s7  
    inet 10.2.89.5/24 brd 10.2.89.255 scope global ens39  
        valid_lft forever preferred_lft forever  
    inet6 fe80::20c:29ff:fe4f:636f/64 scope link  
        valid_lft forever preferred_lft forever
```

