

CREAMOS UNA RED NAT CON 172.22.0.0

Redes solo-anfitrión Redes NAT Redes en la nube

Nombre	Prefijo IPv4	Prefijo IPv6	Servidor DHCP
NatNetwork	172.22.0.0/24		Habilitado

Opciones generales Reenvío de puertos

Nombre: NatNetwork

Prefijo IPv4: 172.22.0.0/24

☒ Habilitar DHCP

☐ Habilitar IPv6

Prefijo IPv6:

☐ Anunciar ruta por defecto IPv6

Aplicar Restaurar

CONFIGURAMOS LA RED DE CADA MAQUINA VIRTUAL

Ubuntu 22 - Configuración

General Sistema Pantalla Almacenamiento Audio Red Puertos serie USB Carpetas compartidas Interfaz de usuario

Red

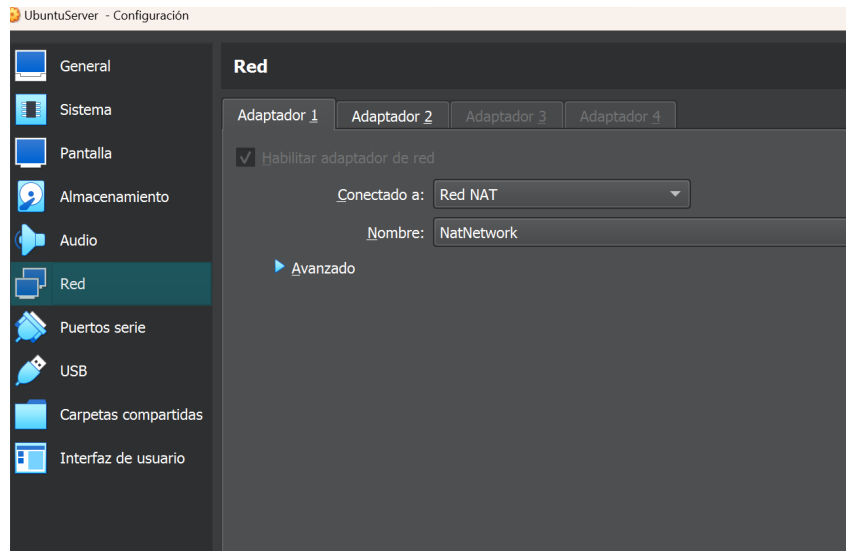
Adaptador 1 Adaptador 2 Adaptador 3 Adaptador 4

☒ Habilitar adaptador de red

Conectado a: Red NAT

Nombre: NatNetwork

▶ Avanzado



COMPROBAMOS CON PING SI SE HA ACTUALIZADO CORRECTAMENTE Y LAS CONEXIONES ENTRE LAS DOS MAQUINAS ESTÁ ESTABLECIDA.

```
carlos@carlos-VB:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.22.0.4 netmask 255.255.255.0 broadcast 172.22.0.255
    inet6 fe80::bda4:749d:bfd6:8214 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:e7:d2:79 txqueuelen 1000 (Ethernet)
    RX packets 1126 bytes 79849 (79.8 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 206 bytes 22288 (22.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet6 fe80::b4bf:4010:5b58:901d prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:53:3b:ce txqueuelen 1000 (Ethernet)
    RX packets 582 bytes 45013 (45.0 KB)
    RX errors 0 dropped 324 overruns 0 frame 0
    TX packets 226 bytes 35962 (35.9 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Bucle local)
    RX packets 303 bytes 40916 (40.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 303 bytes 40916 (40.9 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

carlos@carlos-VB:~$ ping 172.22.0.0
PING 172.22.0.0 (172.22.0.0) 56(84) bytes of data.
64 bytes from 172.22.0.0: icmp_seq=1 ttl=64 time=0.968 ms
64 bytes from 172.22.0.0: icmp_seq=2 ttl=64 time=1.12 ms
64 bytes from 172.22.0.0: icmp_seq=3 ttl=64 time=1.05 ms
^C
--- 172.22.0.0 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2006ms
rtt min/avg/max/mdev = 0.968/1.045/1.121/0.062 ms
carlos@carlos-VB:~$
```

```
carlos@carlosserver:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.22.0.0 netmask 255.255.255.0 broadcast 172.22.0.255
    inet6 fe80::a00:27ff:feb3:a874 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:b3:a8:74 txqueuelen 1000 (Ethernet)
    RX packets 33 bytes 5047 (5.0 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1017 bytes 61892 (61.8 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 2362 bytes 188124 (188.1 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2362 bytes 188124 (188.1 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

carlos@carlosserver:~$ ping 172.22.0.4
PING 172.22.0.4 (172.22.0.4) 56(84) bytes of data.
64 bytes from 172.22.0.4: icmp_seq=1 ttl=64 time=1.13 ms
64 bytes from 172.22.0.4: icmp_seq=2 ttl=64 time=1.01 ms
64 bytes from 172.22.0.4: icmp_seq=3 ttl=64 time=0.828 ms
^C
--- 172.22.0.4 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 0.828/0.988/1.125/0.122 ms
carlos@carlosserver:~$
```