

# nftables

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
Actividades Terminal 30 de jul 15:22
atomo@atomo-virtual-machine: ~
atomo@atomo-virtual-machine:~$ dpkg -l nftables
Deseado=desconocido(U)/Instalar/eliminar/Purgar/retener(H)
| Estado=No/Inst/ficheros-Conf/deseempaUetado/medio-conf/medio-inst(H)/espera-disparo(W)/pendienTe-
|/ Err?=(ninguno)/requiere-Reinst (Estado,Err: mayúsc.=malo)
|// Nombre Versión Arquitectura Descripción
+++-----
ii nftables 1.0.2-1ubuntu3 amd64 Program to control packet filtering rules by Netfilt
lines 1-6/6 (END)
```

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
Actividades Terminal 30 de jul 15:23
atomo@atomo-virtual-machine: ~
atomo@atomo-virtual-machine:~$ dpkg -l nftables
Deseado=desconocido(U)/Instalar/eliminar/Purgar/retener(H)
| Estado=No/Inst/ficheros-Conf/deseempaUetado/medio-conf/medio-inst(H)/espera-disparo(W)/pendienTe-
|/ Err?=(ninguno)/requiere-Reinst (Estado,Err: mayúsc.=malo)
|// Nombre Versión Arquitectura Descripción
+++-----
ii nftables 1.0.2-1ubuntu3 amd64 Program to control packet filtering rules by Netfilt
atomo@atomo-virtual-machine:~$ apt list nftables
Listando... Hecho
nftables/jammy-updates,now 1.0.2-1ubuntu3 amd64 [instalado, automático]
N: Hay 1 versión adicional. Utilice la opción «-a» para verla
atomo@atomo-virtual-machine:~$
```

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
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Actividades Terminal 30 de jul. 15:24
atomo@atomo-virtual-machine: ~
atomo@atomo-virtual-machine:~$ aptitude search nftables
p   libnftables-dev                - Development files for libnftables
i A libnftables1                  - Netfilter nftables high level userspace API library
p   miniupnpd-nftables            - UPnP and NAT-PMP daemon for gateway routers - nftabl
i A nftables                      - Program to control packet filtering rules by Netfilt
p   python3-nftables              - nftables/libnftables python3 module
p   python3-pyroute2.nftables     - Python3 Netlink library - nftables
atomo@atomo-virtual-machine:~$
```

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
Actividades Terminal 30 de jul. 15:26
atomo@atomo-virtual-machine: ~
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
nftables ya está en su versión más reciente (1.0.2-1ubuntu3).
fijado nftables como instalado manualmente.
0 actualizados, 0 nuevos se instalarán, 0 para eliminar y 6 no actualizados.
atomo@atomo-virtual-machine:~$ cat /etc/nftables.conf
#!/usr/sbin/nft -f

flush ruleset

table inet filter {
    chain input {
        type filter hook input priority 0;
    }
    chain forward {
        type filter hook forward priority 0;
    }
    chain output {
        type filter hook output priority 0;
    }
}
atomo@atomo-virtual-machine:~$
```

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
30 de jul. 15:28
Actividades Terminal
atomo@atomo-virtual-machine: ~$ cat /usr/share/doc/nftables/examples/workstation.nft
#!/usr/sbin/nft -f

flush ruleset

table inet filter {
    chain input {
        type filter hook input priority 0;

        # accept any localhost traffic
        iif lo accept

        # accept traffic originated from us
        ct state established,related accept

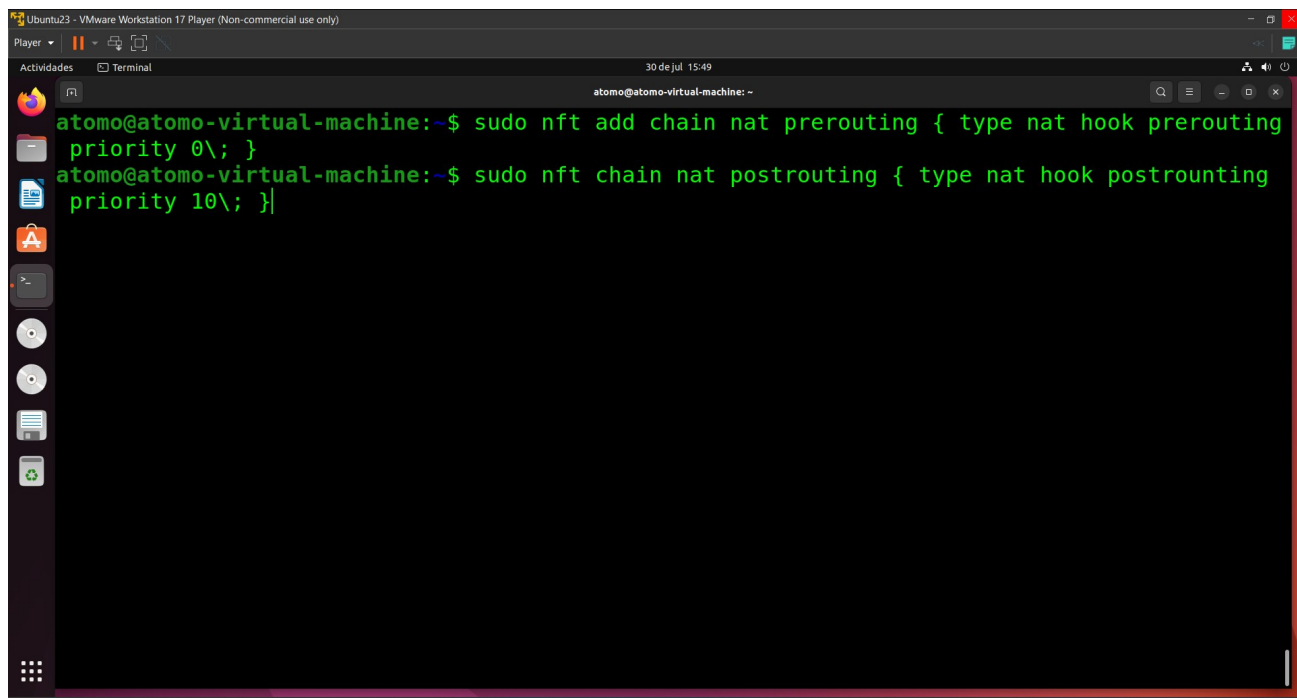
        # activate the following line to accept common local services
        #tcp dport { 22, 80, 443 } ct state new accept

        # ICMPv6 packets which must not be dropped, see https://tools.ietf.org/html
        /rfc4890#section-4.4.1
        meta nfproto ipv6 icmpv6 type { destination-unreachable, packet-too-big, ti
me-exceeded, parameter-problem, echo-reply, echo-request, nd-router-solicit, nd-router-adve
```



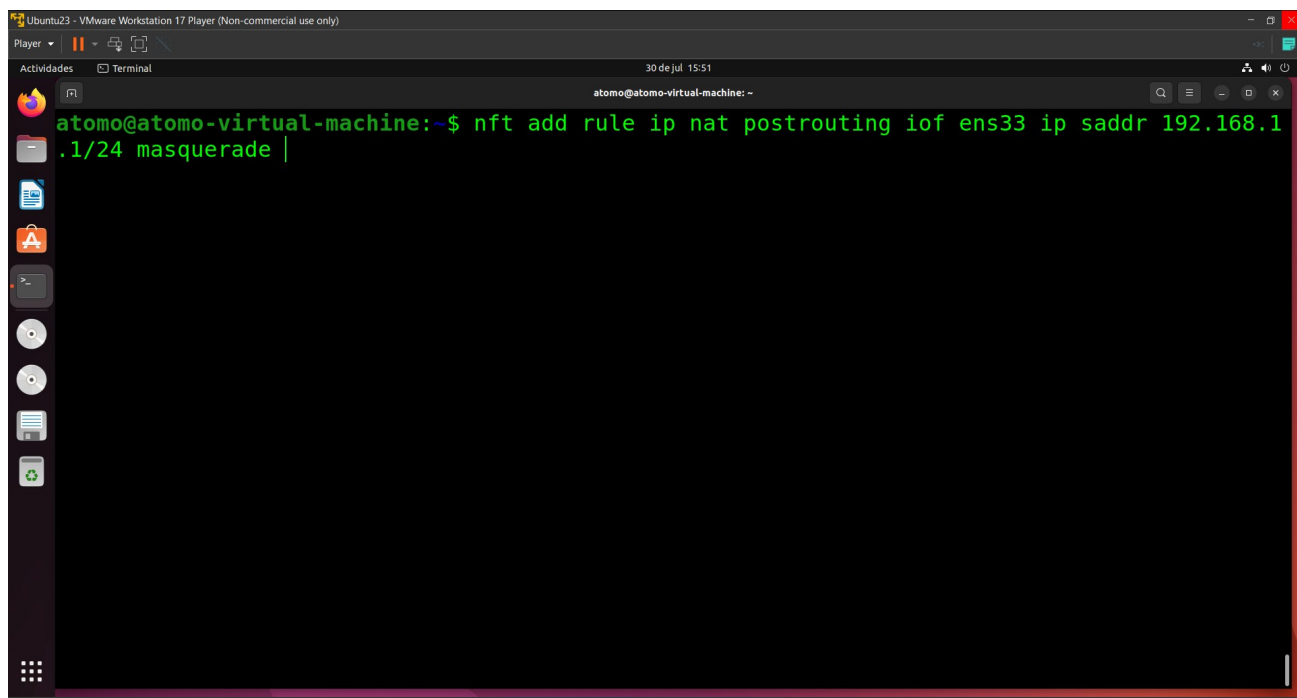
```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
Actividades Terminal
30 de jul. 15:41
atomo@atomo-virtual-machine: ~
atomo@atomo-virtual-machine:~$ sudo nft add rule inet mi_filtro tcp 22 counter drop
```

```
Ubuntu23 - VMware Workstation 17 Player (Non-commercial use only)
Player
Actividades Terminal
30 de jul. 15:45
atomo@atomo-virtual-machine: ~
atomo@atomo-virtual-machine:~$ sudo nft add table inet filter
atomo@atomo-virtual-machine:~$ sudo nft add table ip nat
atomo@atomo-virtual-machine:~$ sudo nft list tables
table inet mi_filtro
table inet filter
table ip nat
atomo@atomo-virtual-machine:~$ sudo nft list ruselet
Error: syntax error, unexpected string
list ruselet
^^^^^^
atomo@atomo-virtual-machine:~$ sudo nft list ruleset
table inet mi_filtro {
}
table inet filter {
}
table ip nat {
}
atomo@atomo-virtual-machine:~$ |
```



A terminal window titled 'atomo@atomo-virtual-machine: ~' is shown within a VMware Workstation 17 Player. The window has a dark theme and a sidebar on the left with icons for various applications. The terminal displays two commands entered in green text:

```
atomo@atomo-virtual-machine:~$ sudo nft add chain nat prerouting { type nat hook prerouting  
priority 0\; }  
atomo@atomo-virtual-machine:~$ sudo nft chain nat postrouting { type nat hook postrouting  
priority 10\; }
```



A terminal window titled 'atomo@atomo-virtual-machine: ~' is shown within a VMware Workstation 17 Player. The window has a dark theme and a sidebar on the left with icons for various applications. The terminal displays a command entered in green text:

```
atomo@atomo-virtual-machine:~$ nft add rule ip nat postrouting iof ens33 ip saddr 192.168.1  
.1/24 masquerade |
```

