

CORTAFUERGOS

Aquí te adjunto las capturas de mi script del cortafuegos.

```
#Borramos de tablas tablas
iptables -F
iptables -X
iptables -Z
iptables -t nat -F

echo 1ok

#Denegamos las 3 políticas a DROP

iptables -P INPUT DROP
iptables -P OUTPUT DROP
iptables -P FORWARD DROP

echo 2ok

#Todas las máquinas con internet.
iptables -t nat -A POSTROUTING -o enp0s10 -j MASQUERADE

echo 3ok

#Wifi
iptables -A FORWARD -i enp0s3 -o enp0s10 -p tcp -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s3 -o enp0s10 -p UDP -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -o enp0s3 -j ACCEPT
iptables -A FORWARD -i enp0s3 -o enp0s9 -p tcp -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s3 -o enp0s9 -p UDP -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s3 -o enp0s8 -m state --state ESTABLISHED,RELATED -j ACCEPT

echo 4ok

#El administrador tiene acceso SSH, Internet y DNS /Los demas acceso a Internet y DNS
iptables -A FORWARD -i enp0s8 -s 10.0.2.2 -o enp0s9 -p tcp -m multiport --dports 22,80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -s 10.0.2.2 -o enp0s9 -p UDP -m multiport --dports 22,80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -s 10.0.2.2 -o enp0s10 -p tcp -m multiport --dports 22,80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -s 10.0.2.2 -o enp0s10 -p UDP -m multiport --dports 22,80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -o enp0s9 -p tcp -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -o enp0s9 -p UDP -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -o enp0s10 -p tcp -m multiport --dports 80,443,53 -j ACCEPT
iptables -A FORWARD -i enp0s8 -o enp0s10 -p UDP -m multiport --dports 80,443,53 -j ACCEPT

echo 5ok

#Apache tiene acceso a internet - Y solamente al Wifi y a la red Verde si le han pedido algo
iptables -A FORWARD -i enp0s9 -o enp0s10 -j ACCEPT
iptables -A FORWARD -i enp0s9 -o enp0s3 -m state --state ESTABLISHED,RELATED -j ACCEPT
iptables -A FORWARD -i enp0s9 -o enp0s8 -m state --state ESTABLISHED,RELATED -j ACCEPT

echo 6ok

#Internet envia a WIFI, APACHE y Red VERDE si se lo han pedido y lo permite
iptables -A FORWARD -i enp0s10 -o enp0s3 -m state --state ESTABLISHED,RELATED -j ACCEPT
iptables -A FORWARD -i enp0s10 -o enp0s8 -m state --state ESTABLISHED,RELATED -j ACCEPT
iptables -A FORWARD -i enp0s10 -o enp0s9 -m state --state ESTABLISHED,RELATED -j ACCEPT

echo 7ok

#Admin acceso a todo.
iptables -A INPUT -i enp0s8 -s 10.0.2.2 -j ACCEPT
iptables -A OUTPUT -o enp0s8 -s 10.0.2.2 -j ACCEPT

echo 8ok
```