Laboratorio #7 de Ciberseguridad

Configuración de clase firewall en un entorno de Red

Roberto Blanco

Comandos Iniciales de Instalación y Preparación

- sudo su
  Eleva los privilegios del usuario actual a superusuario (root), permitiendo ejecutar comandos administrativos sin anteponer sudo.

- apt install ufw -y
  Instala el firewall UFW (Uncomplicated Firewall). El parámetro -y aprueba automáticamente la instalación sin solicitar confirmación.

- clear
  Limpia la pantalla del terminal para mejor visibilidad.

Habilitación y Verificación de UFW

- ufw enable
  Activa el firewall UFW.

- ufw status
  Muestra el estado actual de UFW (activo/inactivo) y las reglas aplicadas.

Instalación y Verificación de iptables

- apt install iptables -y
  Instala la herramienta iptables, que permite configurar reglas de filtrado de paquetes a bajo nivel en Linux.

- iptables -L
  Lista todas las reglas activas actualmente en las cadenas de INPUT, FORWARD y OUTPUT.

Políticas Predeterminadas

- ufw default deny incoming
  Bloquea por defecto todas las conexiones entrantes que no estén explícitamente permitidas.

- ufw default allow outgoing
  Permite por defecto todas las conexiones salientes.

- iptables -P INPUT DROP
  Establece como política por defecto denegar (DROP) todos los paquetes entrantes en iptables.

- iptables -P OUTPUT ACCEPT
  Permite por defecto todos los paquetes salientes.

Permitir Puertos Comunes (SSH, HTTP, HTTPS)

- ufw allow ssh
  Permite el tráfico entrante al puerto 22 (usado para SSH).

- ufw allow http
  Permite el tráfico entrante al puerto 80 (HTTP).

- ufw allow https
  Permite el tráfico entrante al puerto 443 (HTTPS).

- iptables -A INPUT -p tcp --dport 22 -j ACCEPT
  Permite conexiones TCP entrantes al puerto 22 (SSH) en iptables.

- iptables -A INPUT -p tcp --dport 80 -j ACCEPT
  Permite conexiones TCP entrantes al puerto 80 (HTTP).

- iptables -A INPUT -p tcp --dport 443 -j ACCEPT
  Permite conexiones TCP entrantes al puerto 443 (HTTPS).

Ver Reglas Enumeradas

- ufw status numbered
  Muestra las reglas UFW en formato numerado, útil para modificar o eliminar reglas específicas.

Denegar Acceso de IPs Específicas

- ufw deny from 192.168.1.20
  Bloquea todo el tráfico proveniente de la dirección IP 192.168.1.20.

- ufw deny from 198.168.1.32
  Bloquea todo el tráfico proveniente de 198.168.1.32.

Permitir Acceso de IP Específica

- ufw allow from 198.168.1.32
  Permite explícitamente el tráfico desde la IP 198.168.1.32.

- iptables -A INPUT -s 192.168.1.45 -j ACCEPT
  Permite todo el tráfico entrante desde la dirección IP 192.168.1.45.

Revisar y Eliminar Reglas

- iptables -L –line-numbers
  Lista las reglas de iptables incluyendo el número de línea, útil para borrarlas.

- iptables -D INPUT 9
  Elimina la regla número 9 de la cadena INPUT.

Bloqueo de Puertos Específicos

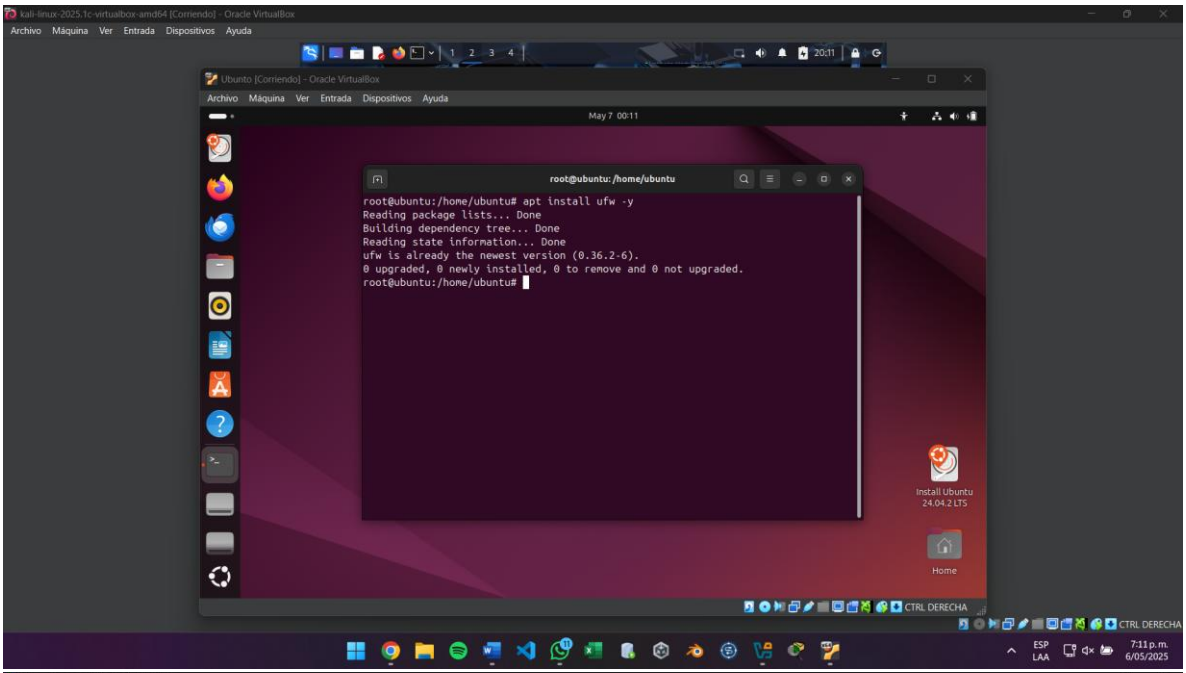
- ufw deny from any to any port 8080
  Bloquea todo tráfico (de cualquier origen a cualquier destino) hacia el puerto 8080.

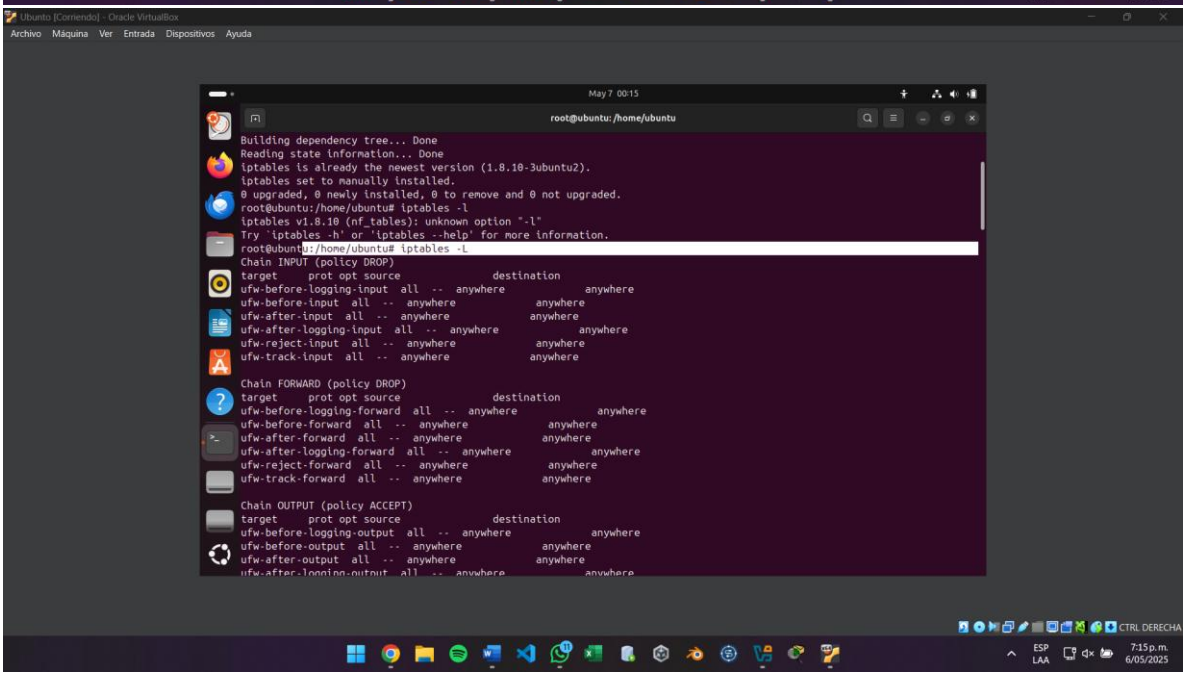
- ufw deny from any to any port 4200
  Bloquea el puerto 4200, comúnmente usado por servidores de desarrollo Angular.

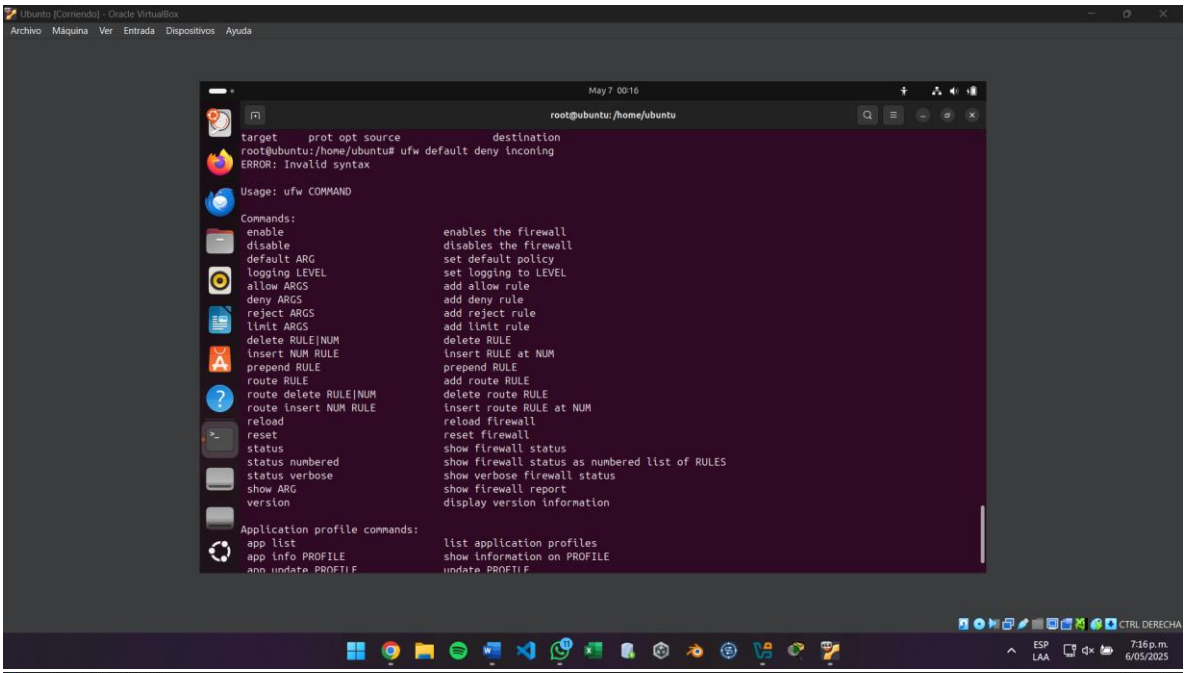
- iptables -A INPUT -p tcp --dport 8080 -j DROP
  Agrega una regla que bloquea el tráfico TCP entrante al puerto 8080.

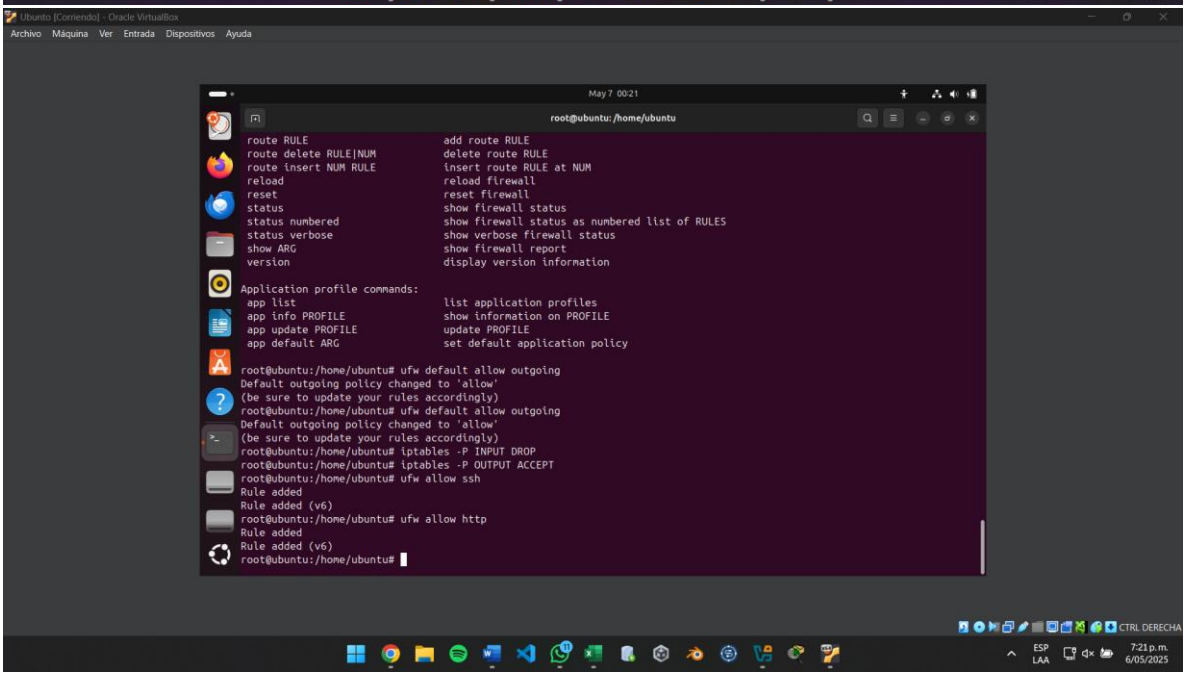
Resumen General

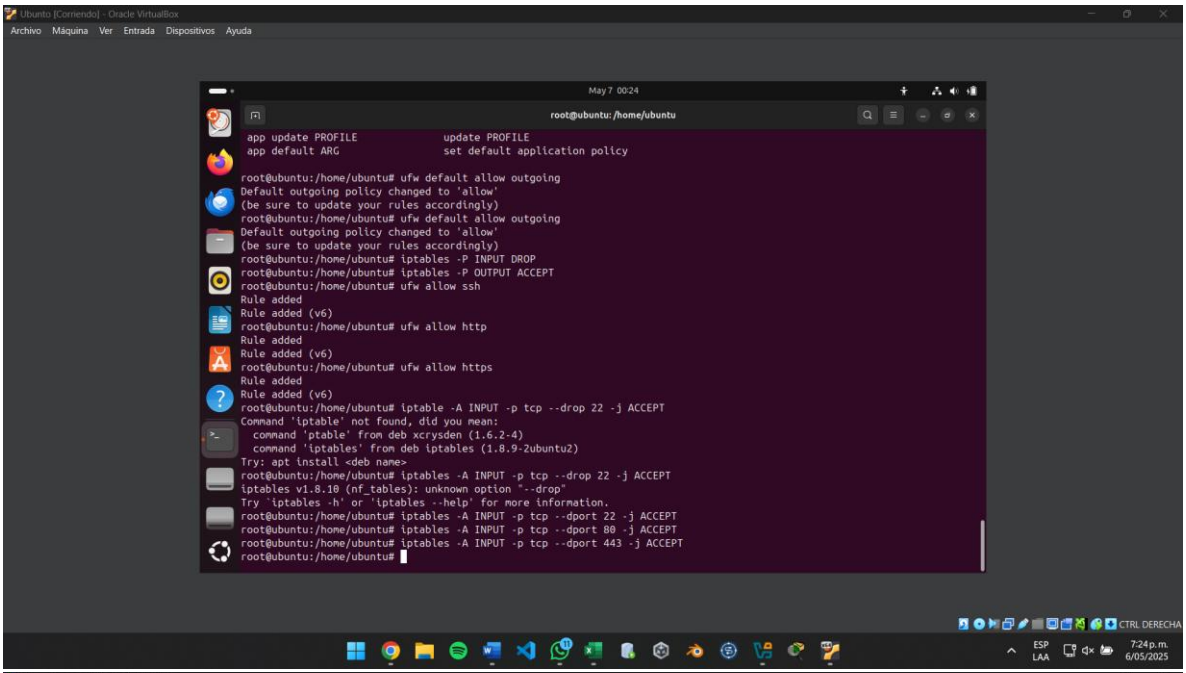
En este laboratorio se configuraron dos firewalls: UFW (de alto nivel, más sencillo) y iptables (de bajo nivel, más flexible). Se aplicaron reglas de denegación y permisos para proteger el sistema, así como bloqueos de puertos y filtrado por IP, configurando un entorno más seguro para los servicios en red.

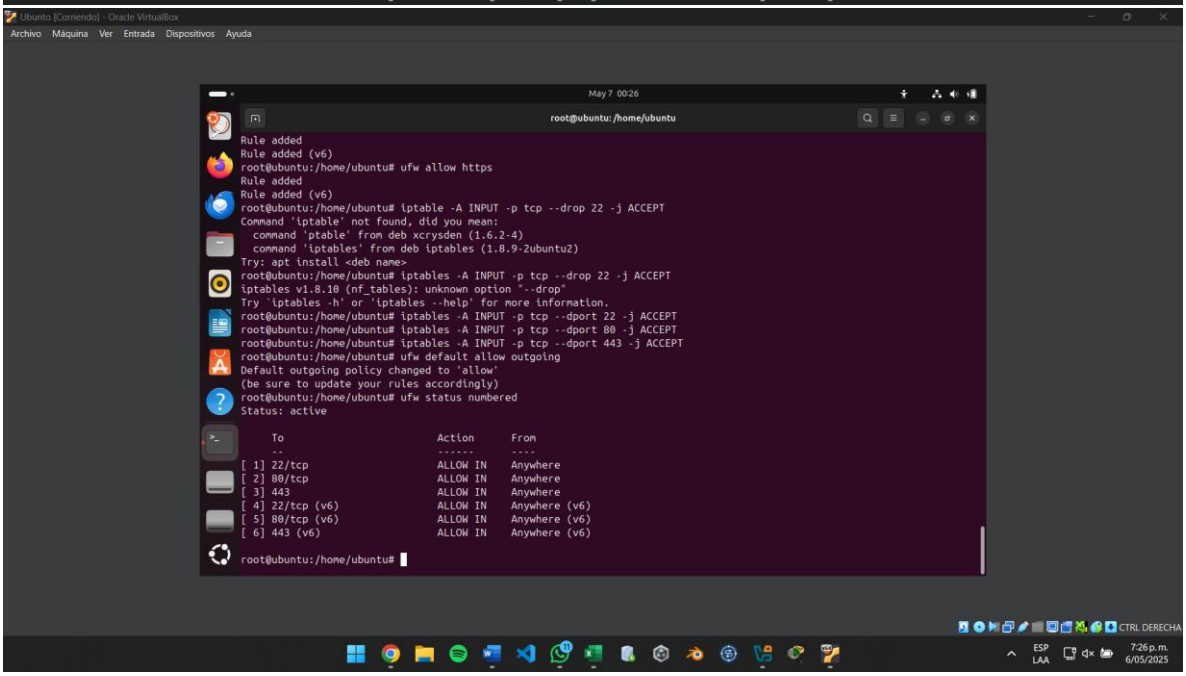

kali-linux-2025.1c-virtualbox-amd64 [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:11
root@ubuntu: /home/ubuntu
root@ubuntu:/home/ubuntu# apt install ufw -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ufw is already the newest version (0.36.2-6).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ubuntu:/home/ubuntu#
Install Ubuntu 24.04.2 LTS
Home
CTRL DERECHA
ESP LAA
7:11 p.m. 6/05/2025

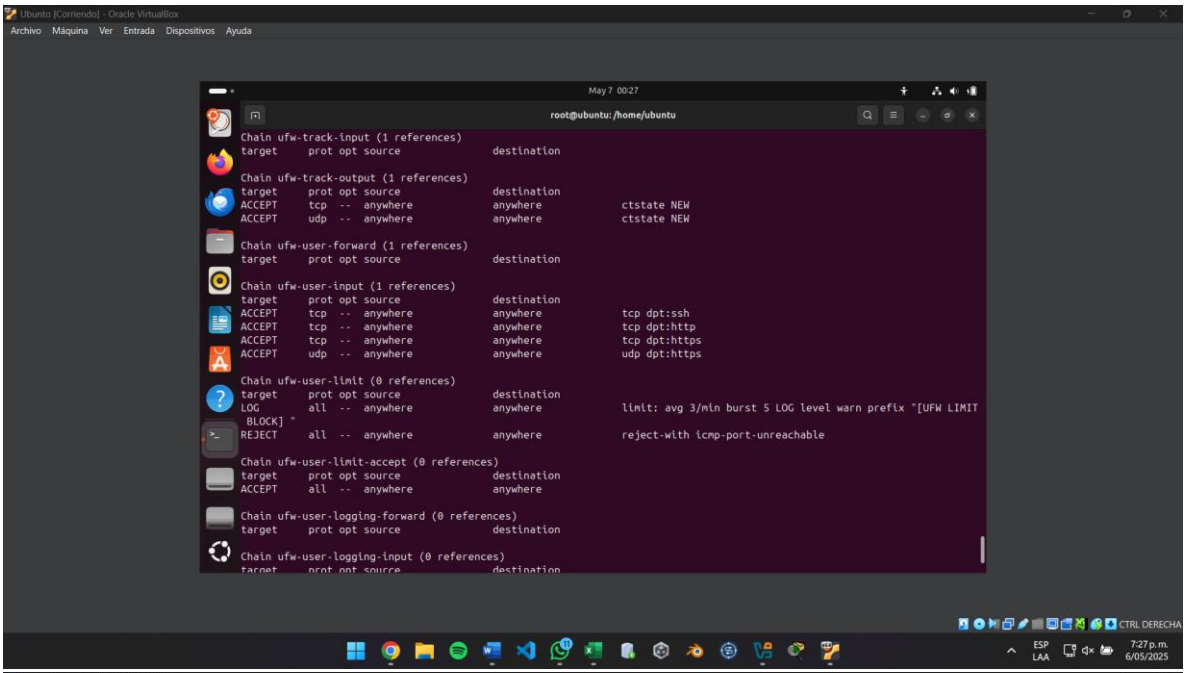

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:15
root@ubuntu: /home/ubuntu
Building dependency tree... Done
Reading state information... Done
iptables is already the newest version (1.8.10-3ubuntu2).
iptables set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ubuntu:/home/ubuntu# iptables -l
iptables v1.8.10 (nf_tables): unknown option "-l"
Try `iptables -h' or 'iptables --help' for more information.
root@ubuntu:/home/ubuntu# iptables -L
Chain INPUT (policy DROP)
target prot opt source destination
ufw-before-logging-input all -- anywhere anywhere
ufw-before-input all -- anywhere anywhere
ufw-after-input all -- anywhere anywhere
ufw-after-logging-input all -- anywhere anywhere
ufw-reject-input all -- anywhere anywhere
ufw-track-input all -- anywhere anywhere
Chain FORWARD (policy DROP)
target prot opt source destination
ufw-before-logging-forward all -- anywhere anywhere
ufw-before-forward all -- anywhere anywhere
ufw-after-forward all -- anywhere anywhere
ufw-after-logging-forward all -- anywhere anywhere
ufw-reject-forward all -- anywhere anywhere
ufw-track-forward all -- anywhere anywhere
Chain OUTPUT (policy ACCEPT)
target prot opt source destination
ufw-before-logging-output all -- anywhere anywhere
ufw-before-output all -- anywhere anywhere
ufw-after-output all -- anywhere anywhere
ufw-after-logging-output all -- anywhere anywhere
CTRL DERECHA
ESP LAA
7:15 p.m. 6/05/2025

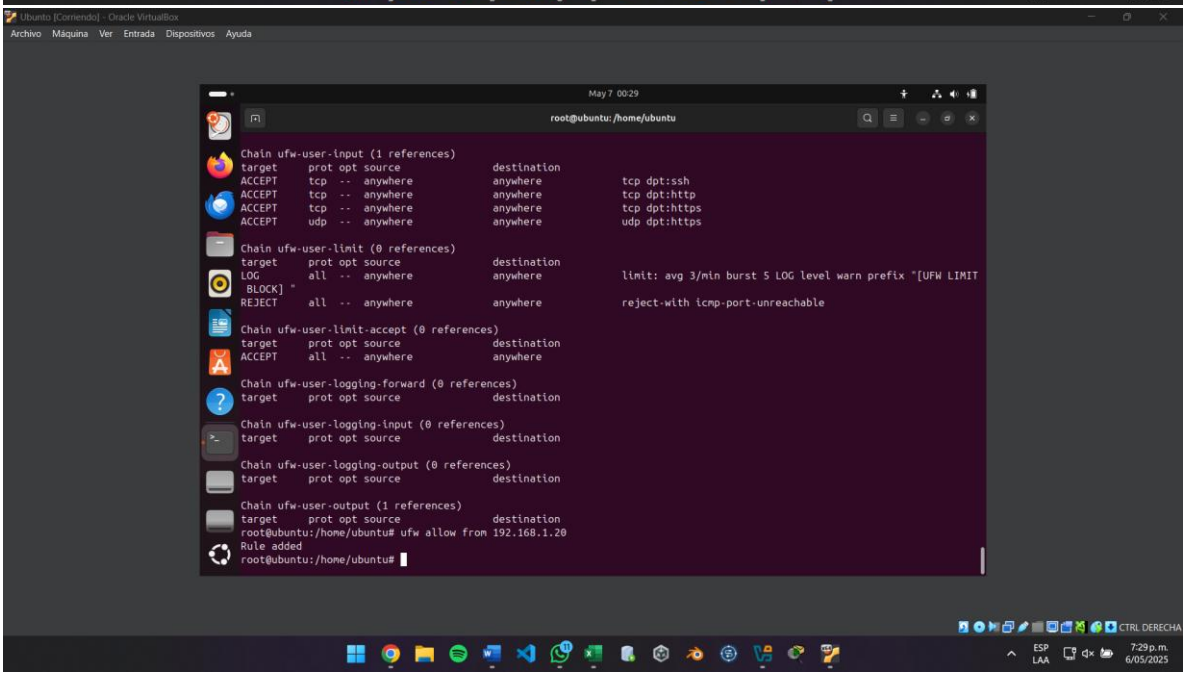

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:16
root@ubuntu: /home/ubuntu
target prot opt source destination
root@ubuntu:/home/ubuntu# ufw default deny inconing
ERROR: Invalid syntax
Usage: ufw COMMAND
Commands:
enable enables the firewall
disable disables the firewall
default ARG set default policy
logging LEVEL set logging to LEVEL
allow ARGS add allow rule
deny ARGS add deny rule
reject ARGS add reject rule
limit ARGS add limit rule
delete RULE|NUM delete RULE
insert NUM RULE insert RULE at NUM
prepend RULE prepend RULE
route RULE add route RULE
route delete RULE|NUM delete route RULE
route insert NUM RULE insert route RULE at NUM
reload reload firewall
reset reset firewall
status show firewall status
status numbered show firewall status as numbered list of RULES
status verbose show verbose firewall status
show ARG show firewall report
version display version information
Application profile commands:
app list list application profiles
app info PROFILE show information on PROFILE
app update PROFILE update PROFILE
CTRL DERECHA
ESP LAA
7:16 p.m. 6/05/2025

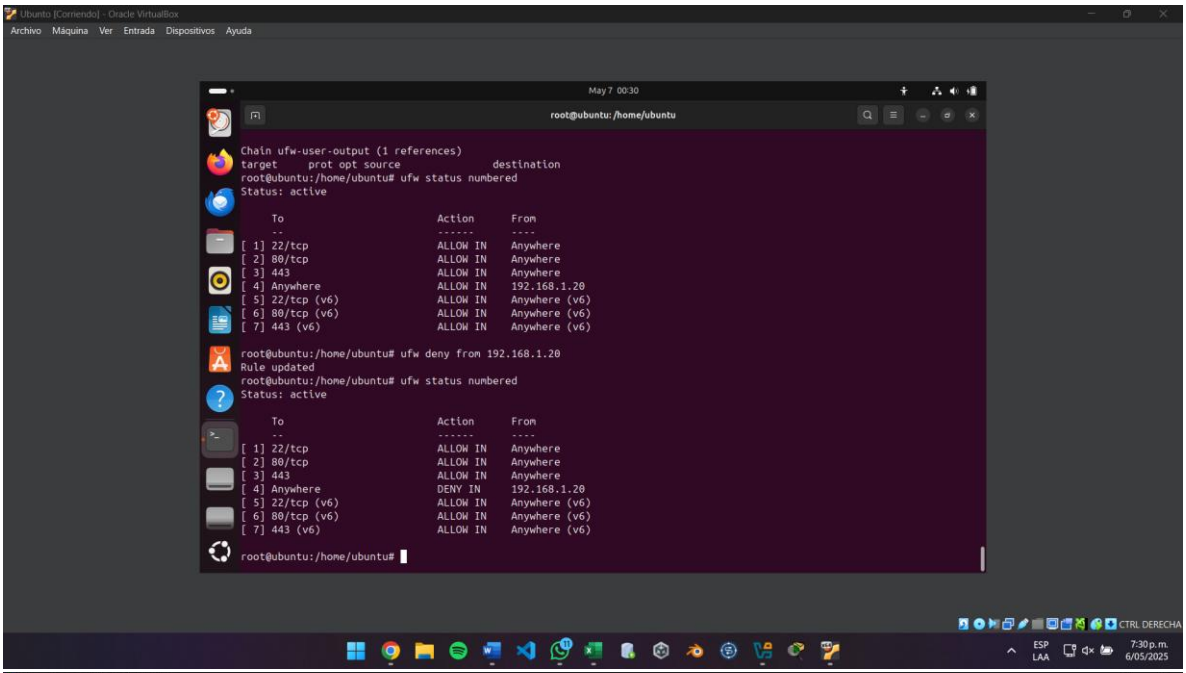

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:21
root@ubuntu: /home/ubuntu
route RULE add route RULE
route delete RULE|NUM delete route RULE
route insert NUM RULE insert route RULE at NUM
reload reload firewall
reset reset firewall
status show firewall status
status numbered show firewall status as numbered list of RULES
status verbose show verbose firewall status
show ARG show firewall report
version display version information
Application profile commands:
app list list application profiles
app info PROFILE show information on PROFILE
app update PROFILE update PROFILE
app default ARG set default application policy
root@ubuntu:/home/ubuntu# ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
root@ubuntu:/home/ubuntu# ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
root@ubuntu:/home/ubuntu# iptables -P INPUT DROP
root@ubuntu:/home/ubuntu# iptables -P OUTPUT ACCEPT
root@ubuntu:/home/ubuntu# ufw allow ssh
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw allow http
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:21 p.m. 6/05/2025

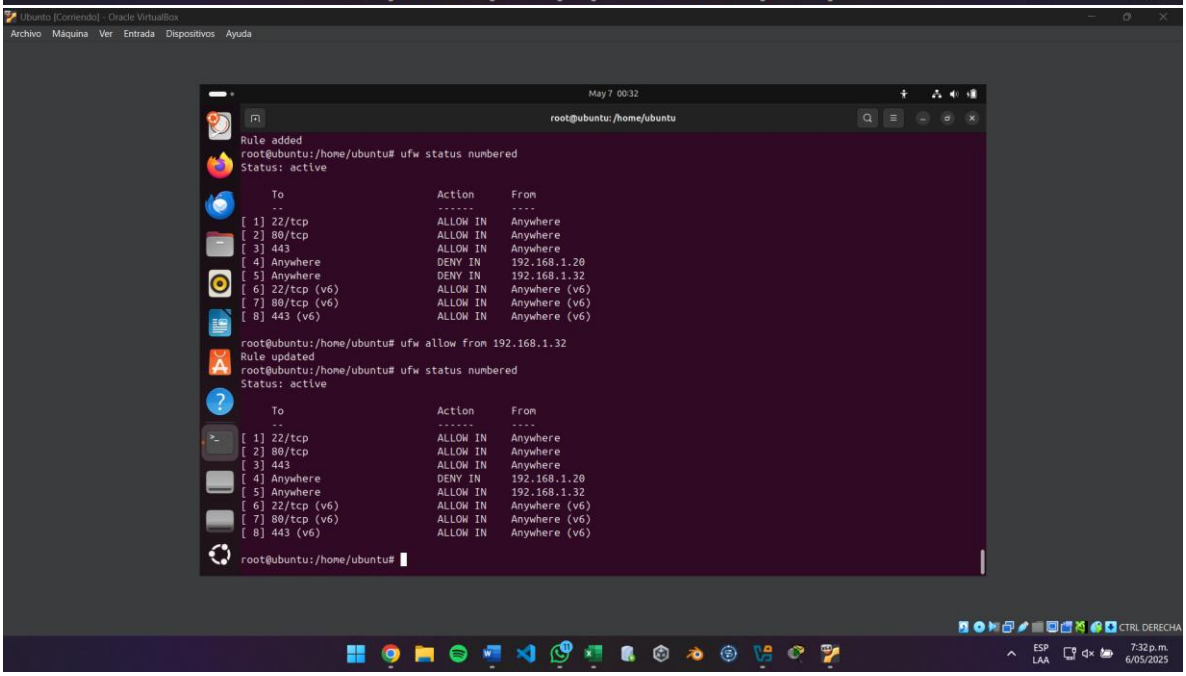

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:24
root@ubuntu: /home/ubuntu
app update PROFILE update PROFILE
app default ARG set default application policy
root@ubuntu:/home/ubuntu# ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
root@ubuntu:/home/ubuntu# ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
root@ubuntu:/home/ubuntu# iptables -P INPUT DROP
root@ubuntu:/home/ubuntu# iptables -P OUTPUT ACCEPT
root@ubuntu:/home/ubuntu# ufw allow ssh
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw allow http
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw allow https
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# iptable -A INPUT -p tcp --drop 22 -j ACCEPT
Command 'iptable' not found, did you mean:
command 'ptable' from deb xcrysden (1.6.2-4)
command 'iptables' from deb iptables (1.8.9-2ubuntu2)
Try: apt install <deb name>
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --drop 22 -j ACCEPT
iptables v1.8.10 (nf_tables): unknown option "--drop"
Try `iptables -h' or 'iptables --help' for more information.
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 22 -j ACCEPT
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 80 -j ACCEPT
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 443 -j ACCEPT
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:24 p.m. 6/05/2025

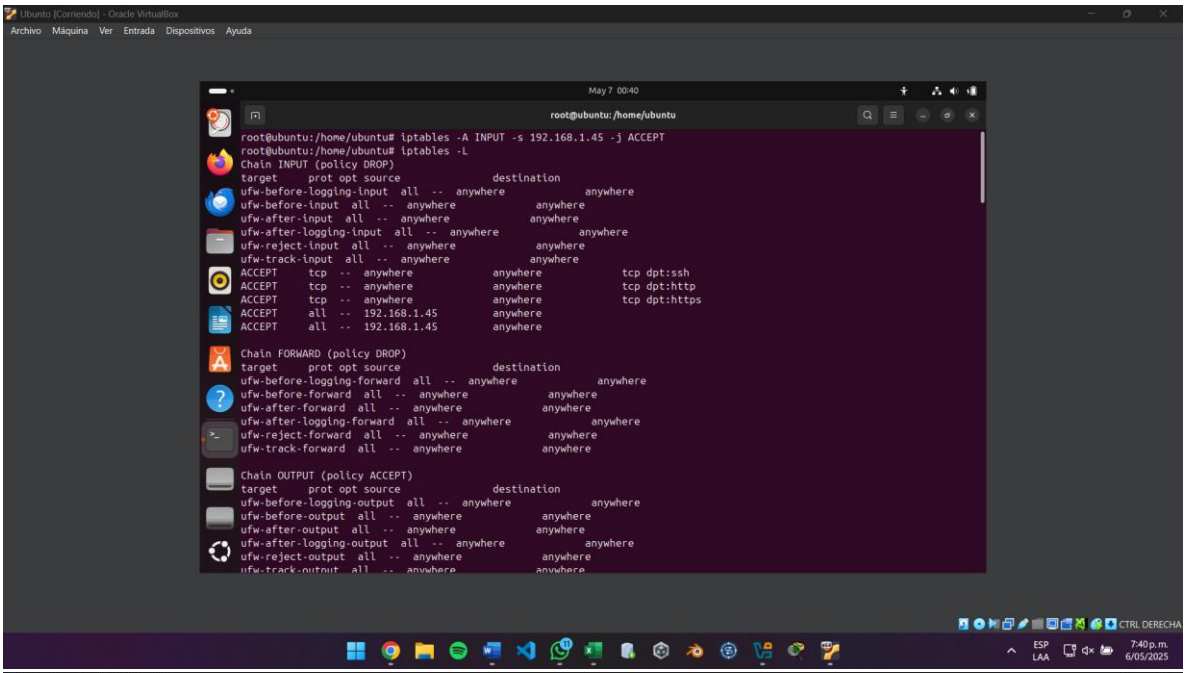

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:26
root@ubuntu: /home/ubuntu
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw allow https
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# iptable -A INPUT -p tcp --drop 22 -j ACCEPT
Command 'iptable' not found, did you mean:
command 'ptable' from deb xcrysden (1.6.2-4)
command 'iptables' from deb iptables (1.8.9-2ubuntu2)
Try: apt install <deb name>
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --drop 22 -j ACCEPT
iptables v1.8.10 (nf_tables): unknown option "--drop"
Try `iptables -h' or 'iptables --help' for more information.
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 22 -j ACCEPT
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 80 -j ACCEPT
root@ubuntu:/home/ubuntu# iptables -A INPUT -p tcp --dport 443 -j ACCEPT
root@ubuntu:/home/ubuntu# ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
root@ubuntu:/home/ubuntu# ufw status numbered
Status: active
To Action From
-- ------ ----
[1] 22/tcp ALLOW IN Anywhere
[2] 80/tcp ALLOW IN Anywhere
[3] 443 ALLOW IN Anywhere
[4] 22/tcp (v6) ALLOW IN Anywhere (v6)
[5] 80/tcp (v6) ALLOW IN Anywhere (v6)
[6] 443 (v6) ALLOW IN Anywhere (v6)
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:26 p.m. 6/05/2025

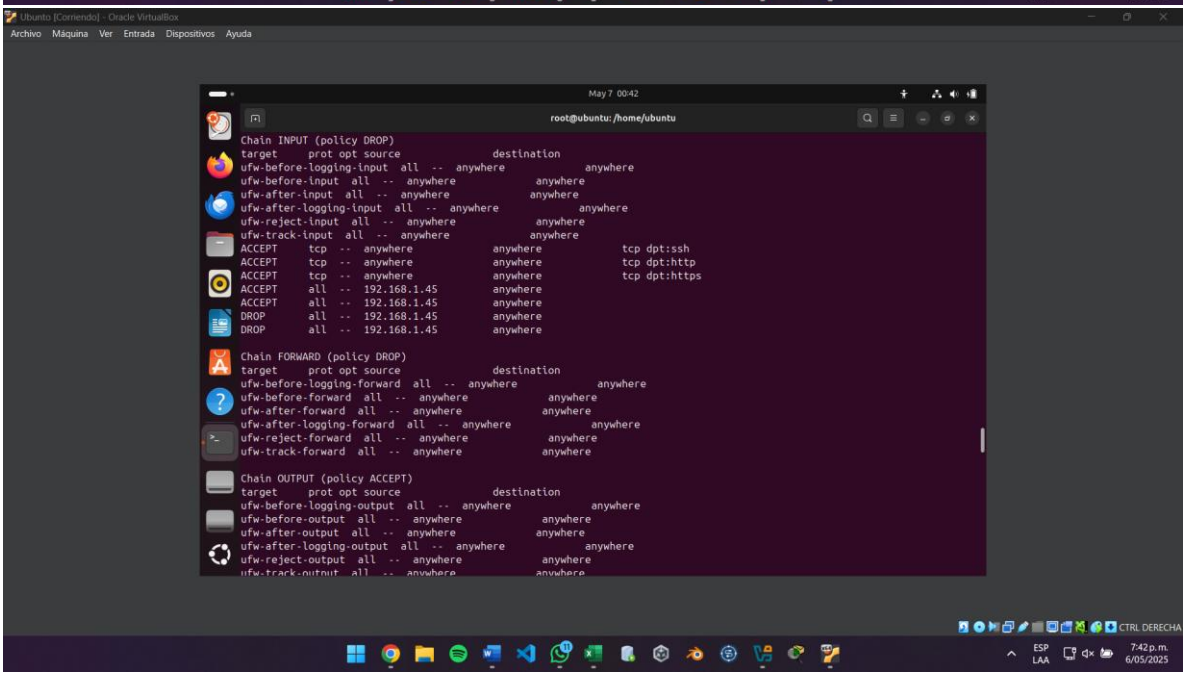

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:27
root@ubuntu: /home/ubuntu
Chain ufw-track-input (1 references)
target prot opt source destination
Chain ufw-track-output (1 references)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere ctstate NEW
ACCEPT udp -- anywhere anywhere ctstate NEW
Chain ufw-user-forward (1 references)
target prot opt source destination
Chain ufw-user-input (1 references)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:https
ACCEPT udp -- anywhere anywhere udp dpt:https
Chain ufw-user-limit (0 references)
target prot opt source destination
LOG all -- anywhere anywhere limit: avg 3/min burst 5 LOG level warn prefix "[UFW LIMIT BLOCK] "
REJECT all -- anywhere anywhere reject-with icmp-port-unreachable
Chain ufw-user-limit-accept (0 references)
target prot opt source destination
ACCEPT all -- anywhere anywhere
Chain ufw-user-logging-forward (0 references)
target prot opt source destination
Chain ufw-user-logging-input (0 references)
CTRL DERECHA
ESP LAA
7:27 p.m. 6/05/2025

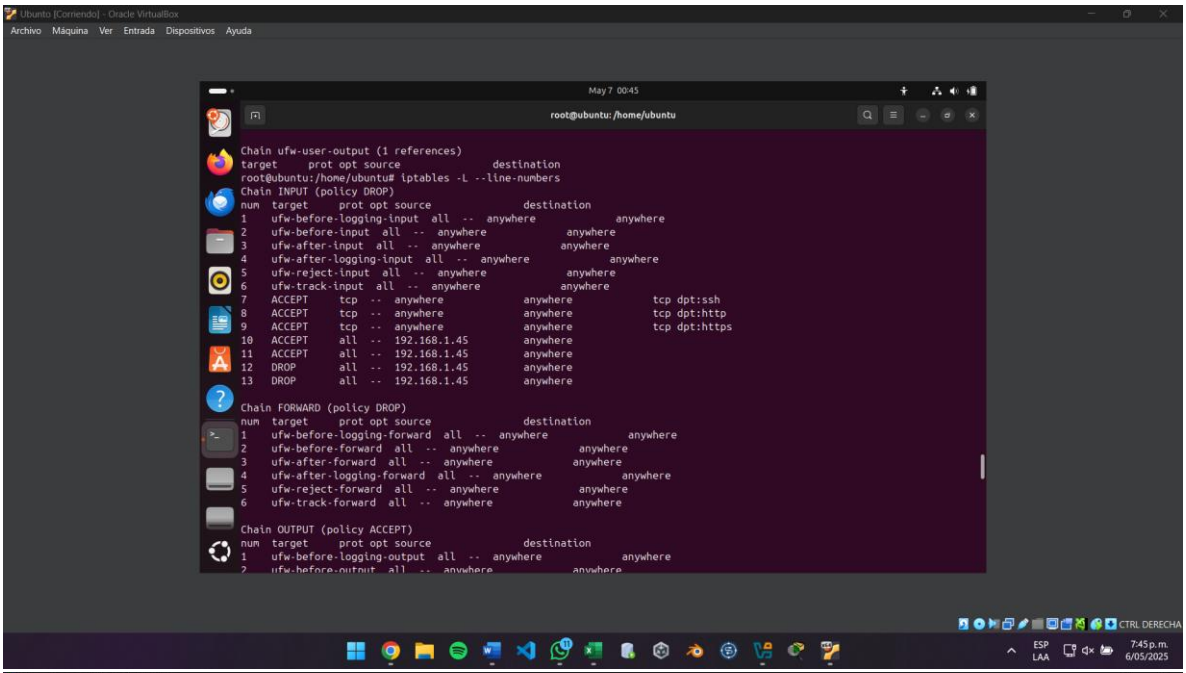

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:29
root@ubuntu: /home/ubuntu
Chain ufw-user-input (1 references)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:https
ACCEPT udp -- anywhere anywhere udp dpt:https
Chain ufw-user-limit (0 references)
target prot opt source destination
LOG all -- anywhere anywhere limit: avg 3/min burst 5 LOG level warn prefix "[UFW LIMIT BLOCK] "
REJECT all -- anywhere anywhere reject-with icmp-port-unreachable
Chain ufw-user-limit-accept (0 references)
target prot opt source destination
ACCEPT all -- anywhere anywhere
Chain ufw-user-logging-forward (0 references)
target prot opt source destination
Chain ufw-user-logging-input (0 references)
target prot opt source destination
Chain ufw-user-logging-output (0 references)
target prot opt source destination
Chain ufw-user-output (1 references)
target prot opt source destination
root@ubuntu:/home/ubuntu# ufw allow from 192.168.1.20
Rule added
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:29 p.m. 6/05/2025

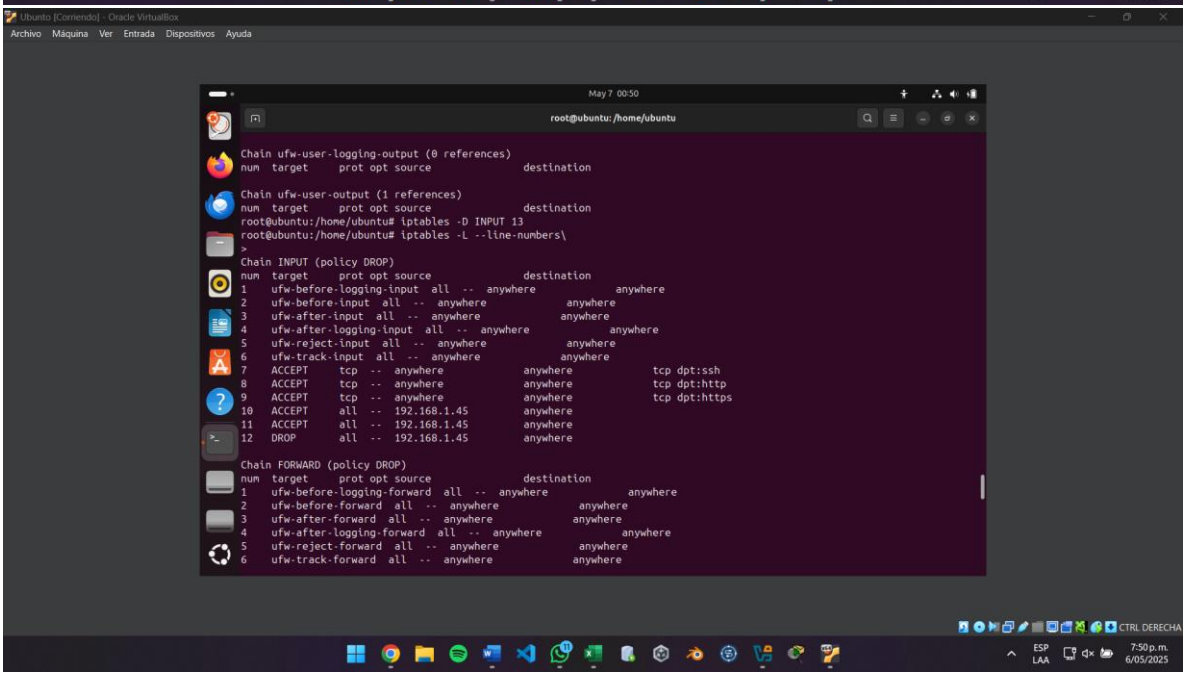

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:30
root@ubuntu: /home/ubuntu
Chain ufw-user-output (1 references)
target prot opt source destination
root@ubuntu:/home/ubuntu# ufw status numbered
Status: active
To Action From
-- ------ ----
[1] 22/tcp ALLOW IN Anywhere
[2] 80/tcp ALLOW IN Anywhere
[3] 443 ALLOW IN Anywhere
[4] Anywhere ALLOW IN 192.168.1.20
[5] 22/tcp (v6) ALLOW IN Anywhere (v6)
[6] 80/tcp (v6) ALLOW IN Anywhere (v6)
[7] 443 (v6) ALLOW IN Anywhere (v6)
root@ubuntu:/home/ubuntu# ufw deny from 192.168.1.20
Rule updated
root@ubuntu:/home/ubuntu# ufw status numbered
Status: active
To Action From
-- ------ ----
[1] 22/tcp ALLOW IN Anywhere
[2] 80/tcp ALLOW IN Anywhere
[3] 443 ALLOW IN Anywhere
[4] Anywhere DENY IN 192.168.1.20
[5] 22/tcp (v6) ALLOW IN Anywhere (v6)
[6] 80/tcp (v6) ALLOW IN Anywhere (v6)
[7] 443 (v6) ALLOW IN Anywhere (v6)
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:30 p.m. 6/05/2025

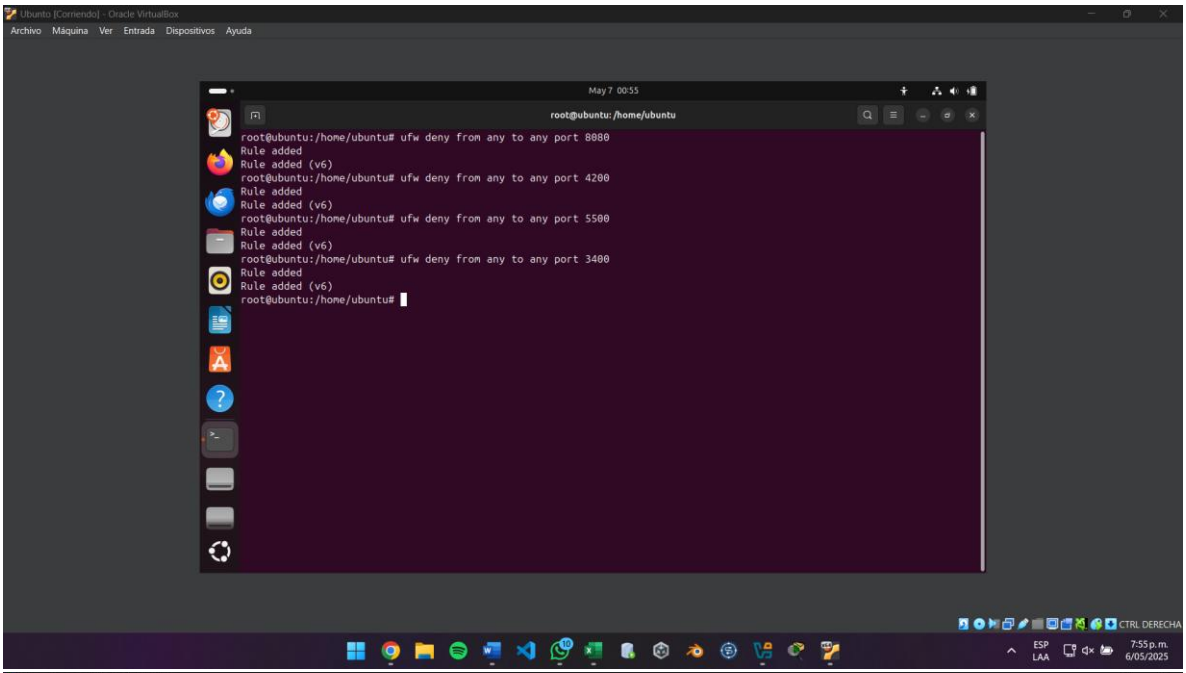

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:32
root@ubuntu: /home/ubuntu
Rule added
root@ubuntu:/home/ubuntu# ufw status numbered
Status: active
To Action From
-- ------ ----
[1] 22/tcp ALLOW IN Anywhere
[2] 80/tcp ALLOW IN Anywhere
[3] 443 ALLOW IN Anywhere
[4] Anywhere DENY IN 192.168.1.20
[5] Anywhere DENY IN 192.168.1.32
[6] 22/tcp (v6) ALLOW IN Anywhere (v6)
[7] 80/tcp (v6) ALLOW IN Anywhere (v6)
[8] 443 (v6) ALLOW IN Anywhere (v6)
root@ubuntu:/home/ubuntu# ufw allow from 192.168.1.32
Rule updated
root@ubuntu:/home/ubuntu# ufw status numbered
Status: active
To Action From
-- ------ ----
[1] 22/tcp ALLOW IN Anywhere
[2] 80/tcp ALLOW IN Anywhere
[3] 443 ALLOW IN Anywhere
[4] Anywhere DENY IN 192.168.1.20
[5] Anywhere ALLOW IN 192.168.1.32
[6] 22/tcp (v6) ALLOW IN Anywhere (v6)
[7] 80/tcp (v6) ALLOW IN Anywhere (v6)
[8] 443 (v6) ALLOW IN Anywhere (v6)
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP LAA
7:32 p.m. 6/05/2025

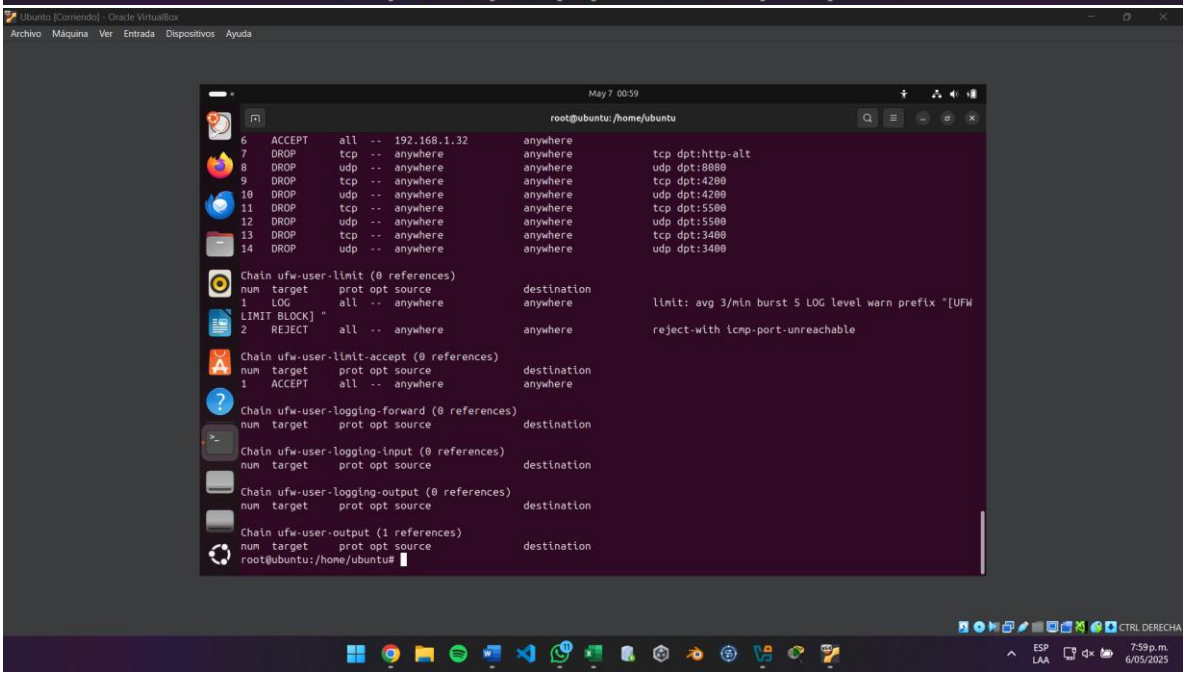

Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:40
root@ubuntu: /home/ubuntu
root@ubuntu:/home/ubuntu# iptables -A INPUT -s 192.168.1.45 -j ACCEPT
root@ubuntu:/home/ubuntu# iptables -L
Chain INPUT (policy DROP)
target prot opt source destination
ufw-before-logging-input all -- anywhere anywhere
ufw-before-input all -- anywhere anywhere
ufw-after-input all -- anywhere anywhere
ufw-after-logging-input all -- anywhere anywhere
ufw-reject-input all -- anywhere anywhere
ufw-track-input all -- anywhere anywhere
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:https
ACCEPT all -- 192.168.1.45 anywhere
ACCEPT all -- 192.168.1.45 anywhere
Chain FORWARD (policy DROP)
target prot opt source destination
ufw-before-logging-forward all -- anywhere anywhere
ufw-before-forward all -- anywhere anywhere
ufw-after-forward all -- anywhere anywhere
ufw-after-logging-forward all -- anywhere anywhere
ufw-reject-forward all -- anywhere anywhere
ufw-track-forward all -- anywhere anywhere
Chain OUTPUT (policy ACCEPT)
target prot opt source destination
ufw-before-logging-output all -- anywhere anywhere
ufw-before-output all -- anywhere anywhere
ufw-after-output all -- anywhere anywhere
ufw-after-logging-output all -- anywhere anywhere
ufw-reject-output all -- anywhere anywhere
ufw-track-output all -- anywhere anywhere
CTRL DERECHA
ESP
LAA
7:40 p.m.
6/05/2025


Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:42
root@ubuntu: /home/ubuntu
Chain INPUT (policy DROP)
target prot opt source destination
ufw-before-logging-input all -- anywhere anywhere
ufw-before-input all -- anywhere anywhere
ufw-after-input all -- anywhere anywhere
ufw-after-logging-input all -- anywhere anywhere
ufw-reject-input all -- anywhere anywhere
ufw-track-input all -- anywhere anywhere
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:https
ACCEPT all -- 192.168.1.45 anywhere
ACCEPT all -- 192.168.1.45 anywhere
DROP all -- 192.168.1.45 anywhere
DROP all -- 192.168.1.45 anywhere
Chain FORWARD (policy DROP)
target prot opt source destination
ufw-before-logging-forward all -- anywhere anywhere
ufw-before-forward all -- anywhere anywhere
ufw-after-forward all -- anywhere anywhere
ufw-after-logging-forward all -- anywhere anywhere
ufw-reject-forward all -- anywhere anywhere
ufw-track-forward all -- anywhere anywhere
Chain OUTPUT (policy ACCEPT)
target prot opt source destination
ufw-before-logging-output all -- anywhere anywhere
ufw-before-output all -- anywhere anywhere
ufw-after-output all -- anywhere anywhere
ufw-after-logging-output all -- anywhere anywhere
ufw-reject-output all -- anywhere anywhere
ufw-track-output all -- anywhere anywhere
CTRL DERECHA
ESP
LAA
7:42 p.m.
6/05/2025


Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:45
root@ubuntu: /home/ubuntu
Chain ufw-user-output (1 references)
target prot opt source destination
root@ubuntu:/home/ubuntu# iptables -L --line-numbers
Chain INPUT (policy DROP)
num target prot opt source destination
1 ufw-before-logging-input all -- anywhere anywhere
2 ufw-before-input all -- anywhere anywhere
3 ufw-after-input all -- anywhere anywhere
4 ufw-after-logging-input all -- anywhere anywhere
5 ufw-reject-input all -- anywhere anywhere
6 ufw-track-input all -- anywhere anywhere
7 ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
8 ACCEPT tcp -- anywhere anywhere tcp dpt:http
9 ACCEPT tcp -- anywhere anywhere tcp dpt:https
10 ACCEPT all -- 192.168.1.45 anywhere
11 ACCEPT all -- 192.168.1.45 anywhere
12 DROP all -- 192.168.1.45 anywhere
13 DROP all -- 192.168.1.45 anywhere
Chain FORWARD (policy DROP)
num target prot opt source destination
1 ufw-before-logging-forward all -- anywhere anywhere
2 ufw-before-forward all -- anywhere anywhere
3 ufw-after-forward all -- anywhere anywhere
4 ufw-after-logging-forward all -- anywhere anywhere
5 ufw-reject-forward all -- anywhere anywhere
6 ufw-track-forward all -- anywhere anywhere
Chain OUTPUT (policy ACCEPT)
num target prot opt source destination
1 ufw-before-logging-output all -- anywhere anywhere
CTRL DERECHA
ESP
LAA
7:45 p.m.
6/05/2025


Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:50
root@ubuntu: /home/ubuntu
Chain ufw-user-logging-output (0 references)
num target prot opt source destination
Chain ufw-user-output (1 references)
num target prot opt source destination
root@ubuntu:/home/ubuntu# iptables -D INPUT 13
root@ubuntu:/home/ubuntu# iptables -L --line-numbers\
>
Chain INPUT (policy DROP)
num target prot opt source destination
1 ufw-before-logging-input all -- anywhere anywhere
2 ufw-before-input all -- anywhere anywhere
3 ufw-after-input all -- anywhere anywhere
4 ufw-after-logging-input all -- anywhere anywhere
5 ufw-reject-input all -- anywhere anywhere
6 ufw-track-input all -- anywhere anywhere
7 ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
8 ACCEPT tcp -- anywhere anywhere tcp dpt:http
9 ACCEPT tcp -- anywhere anywhere tcp dpt:https
10 ACCEPT all -- 192.168.1.45 anywhere
11 ACCEPT all -- 192.168.1.45 anywhere
12 DROP all -- 192.168.1.45 anywhere
Chain FORWARD (policy DROP)
num target prot opt source destination
1 ufw-before-logging-forward all -- anywhere anywhere
2 ufw-before-forward all -- anywhere anywhere
3 ufw-after-forward all -- anywhere anywhere
4 ufw-after-logging-forward all -- anywhere anywhere
5 ufw-reject-forward all -- anywhere anywhere
6 ufw-track-forward all -- anywhere anywhere
CTRL DERECHA
ESP
LAA
7:50 p.m.
6/05/2025


Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:55
root@ubuntu: /home/ubuntu
root@ubuntu:/home/ubuntu# ufw deny from any to any port 8080
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw deny from any to any port 4200
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw deny from any to any port 5500
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu# ufw deny from any to any port 3400
Rule added
Rule added (v6)
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP
LAA
7:55 p.m.
6/05/2025


Ubunto [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
May 7 00:59
root@ubuntu: /home/ubuntu
6 ACCEPT all -- 192.168.1.32 anywhere
7 DROP tcp -- anywhere anywhere tcp dpt:http-alt
8 DROP udp -- anywhere anywhere udp dpt:8080
9 DROP tcp -- anywhere anywhere tcp dpt:4200
10 DROP udp -- anywhere anywhere udp dpt:4200
11 DROP tcp -- anywhere anywhere tcp dpt:5500
12 DROP udp -- anywhere anywhere udp dpt:5500
13 DROP tcp -- anywhere anywhere tcp dpt:3400
14 DROP udp -- anywhere anywhere udp dpt:3400
Chain ufw-user-limit (0 references)
num target prot opt source destination
1 LOG all -- anywhere anywhere limit: avg 3/min burst 5 LOG level warn prefix "[UFW
LIMIT BLOCK] "
2 REJECT all -- anywhere anywhere reject-with icmp-port-unreachable
Chain ufw-user-limit-accept (0 references)
num target prot opt source destination
1 ACCEPT all -- anywhere anywhere
Chain ufw-user-logging-forward (0 references)
num target prot opt source destination
Chain ufw-user-logging-input (0 references)
num target prot opt source destination
Chain ufw-user-logging-output (0 references)
num target prot opt source destination
Chain ufw-user-output (1 references)
num target prot opt source destination
root@ubuntu:/home/ubuntu#
CTRL DERECHA
ESP
LAA
7:59 p.m.
6/05/2025