

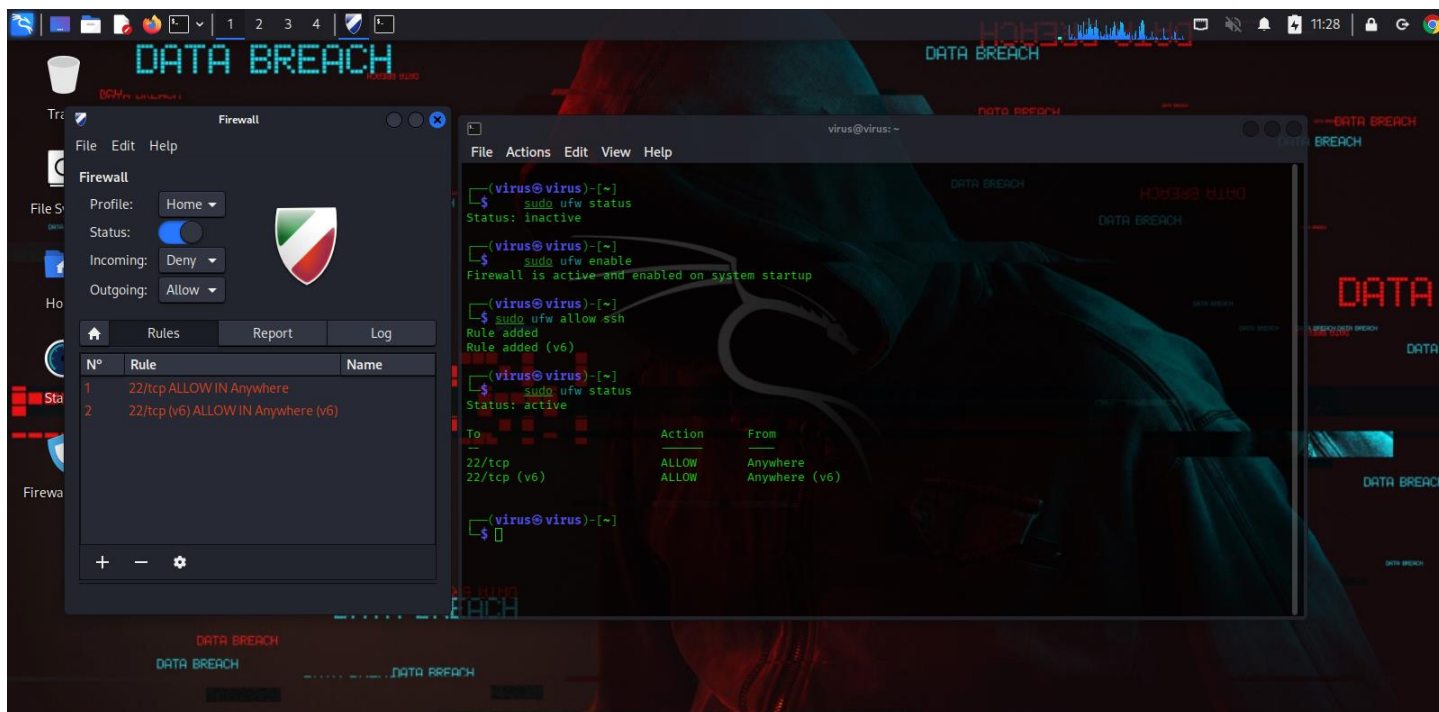
USING UFW :

Commands Used ,

`sudo ufw status`

`sudo ufw enable`

`sudo ufw allow ssh`



USING IP TABLES :

Commands Used,

`sudo iptables -A INPUT -p tcp --dport 22 -j ACCEPT`

`sudo iptables -A OUTPUT -p tcp --sport 22 -j ACCEPT`

`sudo iptables -A INPUT -j DROP`

`sudo iptables -L -n -v`

The terminal window shows the following commands and output:

```

virus@virus:~$ sudo iptables -A INPUT -p tcp --dport 22 -j ACCEPT
virus@virus:~$ sudo iptables -A OUTPUT -p tcp --sport 22 -j ACCEPT
virus@virus:~$ sudo iptables -A INPUT -j DROP
virus@virus:~$ sudo ufw status
Status: active
virus@virus:~$ sudo iptables -L -n -v
[sudo] password for virus:
Chain INPUT (policy DROP 2 packets, 64 bytes)
pkts bytes target prot opt in out source destination
3735 1145K ufw-before-logging-input all -- * * 0.0.0.0/0 0.0.0.0/0
3735 1145K ufw-before-input all -- * * 0.0.0.0/0 0.0.0.0/0
148 16237 ufw-after-input all -- * * 0.0.0.0/0 0.0.0.0/0
125 12406 ufw-after-logging-input all -- * * 0.0.0.0/0 0.0.0.0/0
125 12406 ufw-reject-input all -- * * 0.0.0.0/0 0.0.0.0/0
125 12406 ufw-track-input all -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 tcp dpt:22
75 2400 DROP all -- * * 0.0.0.0/0 0.0.0.0/0

Chain FORWARD (policy DROP 0 packets, 0 bytes)
pkts bytes target prot opt in out source destination

```

The terminal window shows the following commands and output:

```

Chain ufw-logging-allow (0 references)
pkts bytes target prot opt in out source destination
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 limit: avg 3/min burst 1
0 LOG flags 0 level 4 prefix "[UFW ALLOW]" *

Chain ufw-logging-deny (2 references)
pkts bytes target prot opt in out source destination
0 0 RETURN all -- * * 0.0.0.0/0 0.0.0.0/0 ctstate INVALID limit: avg 3/min burst 1
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 limit: avg 3/min burst 1
0 LOG flags 0 level 4 prefix "[UFW BLOCK]" *

Chain ufw-not-local (1 references)
pkts bytes target prot opt in out source destination
0 0 RETURN all -- * * 0.0.0.0/0 0.0.0.0/0 ADDRTYPE match dst-type LOCAL
2830 955K RETURN all -- * * 0.0.0.0/0 0.0.0.0/0 ADDRTYPE match dst-type MULTICAST
7 1708 RETURN all -- * * 0.0.0.0/0 0.0.0.0/0 ADDRTYPE match dst-type BROADCAST
0 0 ufw-logging-deny all -- * * 0.0.0.0/0 0.0.0.0/0 limit: avg 3/min burst 10
0 0 DROP all -- * * 0.0.0.0/0 0.0.0.0/0

Chain ufw-reject-forward (1 references)
pkts bytes target prot opt in out source destination

Chain ufw-reject-input (1 references)
pkts bytes target prot opt in out source destination

```