

TASK 4

Firewall Configuration: UFW (Linux)

Commands Used

1. `sudo ufw status`
2. `sudo ufw enable`
3. `sudo ufw status numbered`
4. `sudo ufw deny 23`
5. `telnet localhost 23`
6. `sudo ufw allow 22`
7. `sudo ufw delete 3`

```
File Machine View Input Devices Help
root@Kali: /home/mrnobody

Session Actions Edit View Help

(root@Kali)-[/home/mrnobody]
# ufw status
Status: inactive

(root@Kali)-[/home/mrnobody]
# ufw enable
Firewall is active and enabled on system startup

(root@Kali)-[/home/mrnobody]
# ufw status numbered
Status: active

(root@Kali)-[/home/mrnobody]
# ufw deny 23
Rule added
Rule added (v6)

(root@Kali)-[/home/mrnobody]
# telnet localhost 23
Trying ::1...
Connection failed: Connection refused
Trying 127.0.0.1...
telnet: Unable to connect to remote host: Connection refused

(root@Kali)-[/home/mrnobody]
# nmap -p 23 localhost
Starting Nmap 7.95 ( https://nmap.org ) at 2025-11-19 09:39 EST
Nmap scan report for localhost (127.0.0.1)
Host is up (0.00013s latency).
Other addresses for localhost (not scanned): ::1

PORT      STATE SERVICE
23/tcp    closed telnet

Nmap done: 1 IP address (1 host up) scanned in 0.18 seconds

(root@Kali)-[/home/mrnobody]
# ufw allow 22
Rule added
Rule added (v6)

(root@Kali)-[/home/mrnobody]
# ufw delete 3
Deleting:
deny 23
Proceed with operation (y|n)? y
Rule deleted (v6)

(root@Kali)-[/home/mrnobody]
# ufw delete 4
ERROR: Could not find rule '4'

(root@Kali)-[/home/mrnobody]
# ufw delete 3
Deleting:
allow 22
Proceed with operation (y|n)? y
Rule deleted (v6)

(root@Kali)-[/home/mrnobody]
# ufw status numbered
Status: active

      To Action From
--
[ 1] 23 DENY IN Anywhere
[ 2] 22 ALLOW IN Anywhere
```

Windows Firewall Configuration



