┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status

Status: inactive

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status numbered

Status: active

To Action From

-- ------ ----

[ 1] 22/tcp ALLOW IN Anywhere

[ 2] 22/tcp (v6) ALLOW IN Anywhere (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw deny 23/tcp

Rule added

Rule added (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status numbered

Status: active

To Action From

-- ------ ----

[ 1] 22/tcp ALLOW IN Anywhere

[ 2] 23/tcp DENY IN Anywhere

[ 3] 22/tcp (v6) ALLOW IN Anywhere (v6)

[ 4] 23/tcp (v6) DENY IN Anywhere (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw allow 22/tcp

Skipping adding existing rule

Skipping adding existing rule (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status numbered

Status: active

To Action From

-- ------ ----

[ 1] 22/tcp ALLOW IN Anywhere

[ 2] 23/tcp DENY IN Anywhere

[ 3] 22/tcp (v6) ALLOW IN Anywhere (v6)

[ 4] 23/tcp (v6) DENY IN Anywhere (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw delete 2

Deleting:

deny 23/tcp

Proceed with operation (y|n)? y

Rule deleted

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status numbered

Status: active

To Action From

-- ------ ----

[ 1] 22/tcp ALLOW IN Anywhere

[ 2] 22/tcp (v6) ALLOW IN Anywhere (v6)

[ 3] 23/tcp (v6) DENY IN Anywhere (v6)

┌──(vmkali㉿vbox)-[~]

└─$ 1

1: command not found

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw status numbered

Status: active

To Action From

-- ------ ----

[ 1] 22/tcp ALLOW IN Anywhere

[ 2] 22/tcp (v6) ALLOW IN Anywhere (v6)

[ 3] 23/tcp (v6) DENY IN Anywhere (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw delete 3

Deleting:

deny 23/tcp

Proceed with operation (y|n)? y

Rule deleted (v6)

┌──(vmkali㉿vbox)-[~]

└─$ sudo ufw disable

Firewall stopped and disabled on system startup

┌──(vmkali㉿vbox)-[~]

└─$

|  |  |
| --- | --- |
| Terminal 2  ─(vmkali㉿vbox)-[~]  └─$ sudo nc -l -p 23  [sudo] password for vmkali:  aaa  ������������exit  ^C | Terminal 3  ┌──(vmkali㉿vbox)-[~]  └─$ telnet 127.0.0.1 23  Trying 127.0.0.1...  Connected to 127.0.0.1.  Escape character is '^]'.  aaa  ^C^C^Cexit  Connection closed by foreign host. |

**Linux Command Summary**

sudo ufw status verbose

sudo ufw enable

sudo ufw deny 23/tcp

sudo apt install netcat -y

nc -l -p 23

telnet 127.0.0.1 23

sudo ufw allow 22/tcp

sudo ufw delete deny 23/tcp

| **Task** | **Linux (UFW)** |
| --- | --- |
| Open Tool | sudo ufw |  |
| List Rules | sudo ufw status |  |
| Block Port 23 | sudo ufw deny 23/tcp |  |
| Test Connection | telnet 127.0.0.1 23 |  |
| Allow SSH (Port 22) | sudo ufw allow 22/tcp |  |
| Remove Rule | sudo ufw delete deny 23/tcp |  |