

## **CYBER SECURITY INTERNSHIP**



## Task 4: Setup and Use a Firewall on Windows/Linux

**UFW ON LINUX** 

Adding ssh rule:

#commands

sudo ufw allow ssh

now enabling firewall

sudo ufw enable

sudo ufw status numbered

checking ssh server status:

sudo systemctl status ssh

sudo apt install netcat-traditional

sudo test local connection

ssh localhost

sudo test remote connection

**Test-NetConnection -ComputerName linux ipadd -Port 22** 

**RESTORING TO ORIGINAL STATE:** 

sudo ufw delete 1 sudo ufw disable

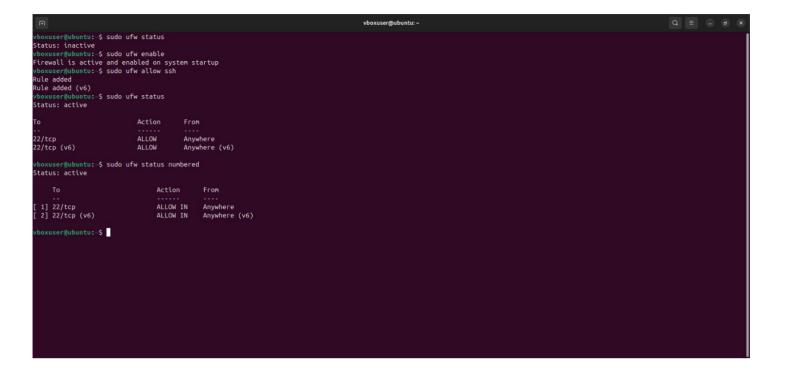
or **sudo ufw reset** 

sudo apt purge netcat-traditional

sudo apt purge openssg-server

sudo systemctl stop ssh

sudo apt autoremove





vboxuser@ubuntu:-\$ ssh localhost The authenticity of host 'localhost (::1)' can't be established. This key is not known by any other names. Are you sure you want to continue connecting (yes/no/[fingerprint])? yes Warning: Permanently added 'localhost' ( ) to the list of known hosts. vboxuser@localhost's password: Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-32-generic x86\_64) \* Documentation: https://help.ubuntu.com https://landscape.canonical.com \* Management: \* Support: https://ubuntu.com/pro Expanded Security Maintenance for Applications is not enabled. 58 updates can be applied immediately. To see these additional updates run: apt list --upgradable Enable ESM Apps to receive additional future security updates. See https://ubuntu.com/esm or run: sudo pro status

