

DAY 10 TASK 10 – FIREWALL CONFIGURATION

Tools Used: UFW (Linux Firewall), Telnet, OPENSSH

Objective :

To configure firewall rules using UFW

UFW is a stateful firewall,it is used to track active connections and allows response traffic automatically.

Firewall Status Verification:

Sudo ufw status verbose

Firewall rules config:

Sudo ufw allow 22/tcp - ssh

Sudo ufw allow 80/tcp – http

Sudo ufw allow 443/tcp – https

Blocked services :

Sudo ufw deny out 25 – prevents spam

Connectivity Testing:

Ss –tuln | grep :22

Service Installation and Activation:

Sudo apt i openssh-server

Sudo systemctl enable ssh

Sudo systemctl start ssh

Final Testing:

telnet 127.0.0.1 22

Result

Connected to 127.0.0.1

SSH-2.0-OpenSSH