Ubuntu Firewall

sudo ufw app list

Output

Available applications:

OpenSSH

sudo ufw allow 22

Output

Rule added

Rule added (v6)

sudo ufw allow 2222

Output

Rule added

Rule added (v6)

sudo ufw show added

Output

Added user rules (see 'ufw status' for running firewall):

ufw allow OpenSSH

sudo ufw enable

Output

Command may disrupt existing ssh connections. Proceed with operation (y|n)? y

Firewall is active and enabled on system startup

root@admin:/home# ufw status verbose

Status: active

Logging: on (low)

Default: deny (incoming), allow (outgoing), disabled (routed)

New profiles: skip

To Action From

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

22/tcp (OpenSSH) ALLOW IN Anywhere

8080 ALLOW IN Anywhere

443 ALLOW IN Anywhere

6000 ALLOW IN Anywhere

22/tcp (OpenSSH (v6)) ALLOW IN Anywhere (v6)

8080 (v6) ALLOW IN Anywhere (v6)

443 (v6) ALLOW IN Anywhere (v6)

6000 (v6) ALLOW IN Anywhere (v6)

1. sudo ufw status numbered
2. Numbered Output:
3. Status: active
4. To Action From
5. -- ------ ----
6. [ 1] 22 ALLOW IN 15.15.15.0/24
7. [ 2] 80 ALLOW IN Anywhere
8. sudo ufw delete 2
9. Output
10. Deleting:
11. allow 80
12. Proceed with operation (y|n)? y
13. Rule deleted

https://www.digitalocean.com/community/tutorials/how-to-set-up-a-firewall-with-ufw-on-ubuntu

UFW IP Based Blocked

ufw deny out from 10.0.7.39 to 10.0.6.0/21

WARN: Rule changed after normalization

Rule added

root@admin:~# sudo ufw status verbose

Status: active

Logging: on (low)

Default: deny (incoming), allow (outgoing), disabled (routed)

New profiles: skip

To Action From

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

22/tcp ALLOW IN Anywhere

22/tcp (v6) ALLOW IN Anywhere (v6)

10.0.0.0/21 DENY OUT 10.0.7.39

root@admin:~# sudo ufw reload

Firewall reloaded

root@admin:~# telnet 10.0.6.67 22

Trying 10.0.6.67...

^Z

telnet: Unable to connect to remote host: Connection timed out