

## Enable Firewall in Ubuntu :

```
shantanu@shantanu:~$ sudo ufw status
Status: inactive
shantanu@shantanu:~$
shantanu@shantanu:~$
shantanu@shantanu:~$ sudo ufw enable
Firewall is active and enabled on system startup
shantanu@shantanu:~$
shantanu@shantanu:~$
shantanu@shantanu:~$ sudo ufw status
Status: active
shantanu@shantanu:~$ _
```

## Create rules to filter network traffic in Ubuntu :

Block Google's IP Address(172.217.160.196) using UFW

```
shantanu@shantanu:~$ sudo ufw deny from 172.217.160.196
Rule updated
shantanu@shantanu:~$
shantanu@shantanu:~$
shantanu@shantanu:~$ sudo ufw status
Status: active

To          Action      From
--          -
Anywhere    DENY        172.217.160.196

shantanu@shantanu:~$ _
```

Allow Google's IP Address(172.217.160.196) using UFW

```
shantanu@shantanu:~$ sudo ufw allow from 172.217.160.196
Rule updated
shantanu@shantanu:~$
shantanu@shantanu:~$
shantanu@shantanu:~$ sudo ufw status
Status: active

To          Action      From
--          -
Anywhere    ALLOW       172.217.160.196

shantanu@shantanu:~$ _
```

Check rule number for the rule we created just now :

```
shantanu@shantanu: ~  
shantanu@shantanu:~$ sudo ufw status numbered  
Status: active  
  
      To                Action      From  
      --                -  
[ 1] Anywhere          ALLOW IN    172.217.160.196  
  
shantanu@shantanu:~$  
shantanu@shantanu:~$  
shantanu@shantanu:~$ _
```

Delete the rule we created by using rule number :

```
shantanu@shantanu: ~  
shantanu@shantanu:~$ sudo ufw delete 1  
Deleting:  
  allow from 172.217.160.196  
Proceed with operation (y|n)? y  
Rule deleted  
shantanu@shantanu:~$  
shantanu@shantanu:~$ _
```