# Ubuntu Uncomplicated Firewall (ufw) cookbook of configuration examples

Author: Yuri Slobodyanyuk, https://www.linkedin.com/in/yurislobodyanyuk/

Disable/unload the firewall
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Delete a rule by its number

#### Disable/unload the firewall

Beware: after running this command all access restrictions imposed by ufw rules will be gone.

ufw disable

#### Verify status of the ufw firewall

# ufw status - Show short status.

```
Status: active
To
                             Action
                                          From
_ _
                             -----
                                          ____
22
                             ALLOW
                                          Anywhere
Anywhere
                                          10.10.10.0/24
                             ALLOW
22 (v6)
                             ALLOW
                                          Anywhere (v6)
```

ufw status verbose- Show all rules, including the default ones, and logging level.

```
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), allow (routed)
New profiles: skip
Tο
                            Action
                                        From
22
                            ALLOW IN
                                        Anywhere
Anywhere
                            ALLOW IN
                                        10.10.10.0/24
22 (v6)
                            ALLOW IN
                                        Anywhere (v6)
```

**ufw status numbered** - Show rules with their sequence numbers, that we can later use to delete some specific rule.

```
Status: active
    Tο
                               Action
                                           From
     --
                               -----
                                           ____
[ 1] 22
                               ALLOW IN
                                           Anywhere
[ 2] Anywhere
                               ALLOW IN
                                           10.10.10.0/24
                               ALLOW IN
[ 3] 22 (v6)
                                           Anywhere (v6)
```

#### **Enable ufw firewall**

**ufw enable** - Enable *ufw* firewall and load the default rules, as well as user created if any in the /etc/ufw/user.rules.

## Allow SSH access to this server from Any IP source

**ufw allow 22** - Add port 22 to the filter table with action of allow. The rule will be added to the /etc/ufw/user.rules file and will survive reboot.

### Delete a rule by its number

#### ufw delete <rule number>

First, see the rule numbers with ufw status numbered. Let's say I want to delete rule number 2:

```
# ufw delete 2
Deleting:
  allow from 10.10.00/24
Proceed with operation (y|n)? y
Rule deleted
```

On deleting a rule, the ufw moves rules up, taking place of the removed rule in sequencing. That is, the rule that was numbered 3 before the deletion of rule 2, will become new rule number 2.