UFW (Uncomplicated Firewall) – Useful Commands Cheat Sheet

UFW is a simple command-line tool to manage firewall rules in Ubuntu and Debian-based distributions. It's ideal for quickly managing iptables without having to deal with the complexity of low-level configuration.

□□ Basic Commands

- **Check UFW status:**

```
sudo ufw status
```

- **Enable UFW:**

```
sudo ufw enable
```

- **Disable UFW:**

```
sudo ufw disable
```

- **Reload UFW rules (after edits):**

```
sudo ufw reload
```

□ Allow Traffic

- **Allow a port (e.g., HTTP):**

```
sudo ufw allow 80
```

- **Allow a port with protocol:**

```
sudo ufw allow 443/tcp
```

- **Allow a service (defined in `/etc/services`):**

```
sudo ufw allow 'OpenSSH'
```

- **Allow from a specific IP:**

```
sudo ufw allow from 192.168.1.100
```

- **Allow from IP to specific port:**

```
sudo ufw allow from 192.168.1.100 to any port 22
```

Deny Traffic

- **Deny a port:**

```
sudo ufw deny 23
```

- **Deny a specific IP:**

```
sudo ufw deny from 203.0.113.10
```

Advanced

- **Delete a rule (by matching the exact allow/deny rule):**

```
sudo ufw delete allow 80
```

- **Reset UFW (removes all rules):**

```
sudo ufw reset
```

- **Enable logging:**

```
sudo ufw logging on
```

- **Disable logging:**

```
sudo ufw logging off
```

- **Check UFW version (indirectly via package):**

```
ufw --version
```

Revision #1
Created 9 May 2025 22:44:50 by Nate Nash
Updated 4 June 2025 23:32:00 by Nate Nash