

[illegible]

```
sudo
```

sudo

```
sudo [ ] [ ] [ ]
```

apt update ☐

```
Hit:1 http://tw.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://tw.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://tw.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://tw.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1,067 kB]
Get:5 http://tw.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [230 kB]
Get:6 http://tw.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [161 kB]
Get:7 http://tw.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:8 http://tw.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1,062 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:10 http://tw.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [376 kB]
Get:11 http://tw.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:12 http://tw.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [62.5 kB]
Get:13 http://tw.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7,072 B]
Get:14 http://tw.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:15 http://tw.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [30.4 kB]
Get:16 http://tw.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [16.3 kB]
Get:17 http://tw.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
```

```
Get:18 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [822 kB]
Get:19 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [153 kB]
Get:20 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:21 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:22 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [838 kB]
Get:23 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [183 kB]
Get:24 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.3 kB]
Get:25 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Fetched 5,462 kB in 3s (1,713 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
65 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

```
|||||||
```

```
$ sudo apt upgrade
```

```
|||||||
```

```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following upgrades have been deferred due to phasing:
  ubuntu-drivers-common
The following packages will be upgraded:
  apparmor appport appport-core-dump-handler cloud-init cryptsetup cryptsetup-bin cryptsetup-initramfs distro-
info-data dmeventd
  dmsetup dracut-install fwupd gir1.2-packagekitglib-1.0 initramfs-tools initramfs-tools-bin initramfs-tools-core
  landscape-common libapparmor1 libcryptsetup12 libdevmapper-event1.02.1 libdevmapper1.02.1 libfwupd2
  libldap-common libldap2
  liblvm2cmd2.03 libnetplan1 libnss-systemd libnvme1t64 libopeniscsiusr libpackagekit-glib2-18 libpam-systemd
  libplymouth5
  libsystemd-shared libsystemd0 libudev1 linux-base lvm2 netplan-generator netplan.io open-iscsi open-vm-tools
  packagekit
  packagekit-tools pci.ids plymouth plymouth-theme-ubuntu-text pollinate python3-appport python3-netplan
  python3-problem-report
  python3-software-properties rsyslog snapd software-properties-common sosreport systemd systemd-dev
  systemd-resolved
```

systemd-sysv systemd-timesyncd ubuntu-pro-client ubuntu-pro-client-l10n udev update-notifier-common
64 upgraded, 0 newly installed, 0 to remove and 1 not upgraded.
1 standard LTS security update
Need to get 52.7 MB of archives.
After this operation, 687 kB of additional disk space will be used.
Do you want to continue? [Y/n]

Y Enter

```
$ sudo reboot
```

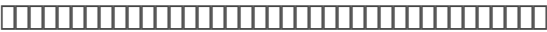
1	vim	vi RPM Base
2	wget	RPM Base
3	net-tools	
4	unzip	

```
$ sudo apt install vim wget net-tools unzip
```

Root Y

(root) passwd

```
$ sudo passwd root
New password:
Retype new password:
passwd: password updated successfully
```



SSH

- ufw

```
sudo ufw enable
```



SSH

console



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



y

Enter

SSH

SSH Port

Firewall is active and enabled on system startup

-

```
sudo ufw status
Status: active
```

- 22 80 443

```
$ sudo ufw allow 22
Rule added
Rule added (v6)
ossii@ubuntu-nextcloud:~$ sudo ufw allow 80
Rule added
Rule added (v6)
ossii@ubuntu-nextcloud:~$ sudo ufw allow 443
Rule added
Rule added (v6)
```



```
$ sudo ufw status
Status: active

To Action From
--
22 ALLOW Anywhere
```

80	ALLOW	Anywhere
443	ALLOW	Anywhere
22 (v6)	ALLOW	Anywhere (v6)
80 (v6)	ALLOW	Anywhere (v6)
443 (v6)	ALLOW	Anywhere (v6)

sudo ufw allow

IP

ifconfig IP ifconfig

```
$ ifconfig
ens18: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.3.69 netmask 255.255.255.0 broadcast 192.168.3.255
    inet6 fe80::be24:11ff:fe9f:f262 prefixlen 64 scopeid 0x20<link>
    ether bc:24:11:9f:f2:62 txqueuelen 1000 (Ethernet)
    RX packets 1207 bytes 513657 (513.6 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 408 bytes 40928 (40.9 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

ens18 IP 192.168.3.69 vim (vim

\$ sudo vim /etc/netplan/00-installer-config.yaml

```
network:
  version: 2
  ethernets:
    ens18:
      addresses:
        - "192.168.3.69/24"
      nameservers:
        addresses:
          - 8.8.8.8
      search: []
  routes:
    - to: "default"
```

```
via: "192.168.3.1"
```

IP

```
$ sudo netplan apply
```

192.168.3.79)

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

```
$ ifconfig

ens18: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.3.68 netmask 255.255.255.0 broadcast 192.168.3.255
    inet6 fe80::be24:11ff:fe9f:f262 prefixlen 64 scopeid 0x20<link>
    ether bc:24:11:9f:f2:62 txqueuelen 1000 (Ethernet)
    RX packets 4199 bytes 840440 (840.4 KB)
    RX errors 0 dropped 1 overruns 0 frame 0
    TX packets 778 bytes 79659 (79.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

[illegible]

\$ date
Wed May 14 06:29:17 AM UTC 2025

Asia/Taipei

```
$ sudo timedatectl set-timezone Asia/Taipei
[sudo] password for ossii:
$ date
Wed May 14 02:32:25 PM CST 2025
```

Ubuntu 20.04