

Install Main Package di Linux Mint

(Manual/With Script)

Berikut panduan install manual menggunakan CLI (command line Interface) dan menggunakan script. Perbedaan CLI dengan menggunakan script adalah. CLI merupakan instruksi yang langsung dijalankan di terminal dan script biasanya kumpulan perintah CLI yang dijalankan secara beruntun (sequensial).

1. Install manual menggunakan command line Interface (CLI)

Update

Berikut jika kita ingin pertama kali menggunakan linux mint kita dapat melakukan update dengan perintah

- ***sudo apt update***

enter

lalu masukan password sudo (jika diminta)

instruksi akan terlihat seperti gambar dibawah

```
user@user:~$ sudo apt update
[sudo] password for user:
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:3 http://archive.canonical.com/ubuntu focal InRelease
Get:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Ign:5 http://packages.linuxmint.com ulyana InRelease
Hit:6 http://packages.linuxmint.com ulyana Release
Get:8 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Fetched 336 kB in 2s (148 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
user@user:~$
```

A. Install x11vnc di linux Mint

Berikut instruksi CLI untuk install dan konfigurasi lengkap x11vnc, pertama mari kita install x11vnc dengan perintah

- ***sudo apt install x11vnc***
- ***Do you want to continue? [Y/n] y***
- ***Enter***

Instruksi akan seperti gambar dibawah

```
user@user:~$ sudo apt install x11vnc
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libtcl8.6 libtk8.6 libvncclient1 libvncserver1 tcl tcl8.6 tk tk8.6
Suggested packages:
  tcl-tclreadline
The following NEW packages will be installed:
  libtcl8.6 libtk8.6 libvncclient1 libvncserver1 tcl tcl8.6 tk tk8.6 x11vnc
0 upgraded, 9 newly installed, 0 to remove and 0 not upgraded.
Need to get 2.842 kB of archives.
After this operation, 9.423 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

- ***sudo mkdir /etc/x11vnc***

mkdir → make directory (artinya kita mebuat folder)

instruksi perintah diatas artinya buat directory di dalam folder /etc dengan nama folder x11vnc

```

user@kholis: ~
File Edit View Search Terminal Help
user@kholis:~$ sudo mkdir /etc/x11vnc

```

- ***sudo x11vnc --storepasswd /etc/x11vnc/vncpwd***

perintah di atas berarti kita akan meletakkan password pada path /etc/x11vnc/vncpwd

```

user@kholis:~$ sudo x11vnc --storepasswd /etc/x11vnc/vncpwd
Enter VNC password:
Verify password:
Write password to /etc/x11vnc/vncpwd? [y]/n y
Password written to: /etc/x11vnc/vncpwd
user@kholis:~$

```

`sudo xed /lib/systemd/system/x11vnc.service`

perintah di atas berarti buka path berikut dengan editor text xed

lalu isikan config seperti berikut

[Unit]

Description=Start x11vnc at startup.

After=multi-user.target

[Service]

Type=simple

ExecStart=/usr/bin/x11vnc -auth guess -forever -noxdamage -repeat -rfbauth
/etc/x11vnc/vncpwd -rfbport 5900 -shared

[Install]

WantedBy=multi-user.target

```
*x11vnc.service x
[Unit]
Description=Start x11vnc at startup.
After=multi-user.target

[Service]
Type=simple
ExecStart=/usr/bin/x11vnc -auth guess -forever -noxdamage -repeat -rfbauth /etc/x11vnc/vncpwd -
rfbport 5900 -shared

[Install]
WantedBy=multi-user.target

.ini Spaces: 4 Ln 7, Col 96 INS
```

Save setelah di isikan di atas

- ***sudo systemctl daemon-reload***
command ini berarti meload ulang daemon
lalu dilanjutkan command dibawah untuk mengaktifkan x11vnc.service
- ***sudo systemctl enable x11vnc.service***
- ***sudo systemctl start x11vnc.service***

B. Install SSH SERVER

- `sudo apt install openssh-server -y`

```
user@kholis: ~  
File Edit View Search Terminal Help  
user@kholis:~$ sudo apt install openssh-server -y  
[sudo] password for user:  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  ncurses-term openssh-sftp-server ssh-import-id  
Suggested packages:  
  molly-guard monkeysphere ssh-askpass  
The following NEW packages will be installed:  
  ncurses-term openssh-server openssh-sftp-server ssh-import-id  
0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.  
Need to get 688 kB of archives.  
After this operation, 6.010 kB of additional disk space will be used.  
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 ncurses-term all 6.2-0ubuntu2 [249 kB]  
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 openssh-sftp-server amd64 1:8.2p1-4ubuntu0.4 [51,5 kB]  
Get:3 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 openssh-server amd64 1:8.2p1-4ubuntu0.4 [377 kB]  
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 ssh-import-id all 5.10-0ubuntu1 [10,0 kB]  
Fetched 688 kB in 4s (171 kB/s)  
Preconfiguring packages ...
```

- `sudo systemctl is-enabled ssh`
- `sudo systemctl is-active ssh`

D. Install Chromium

- `sudo apt install chromium`

```
user@kholis:~$ sudo apt install chromium  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  libgl1-mesa-glx  
The following NEW packages will be installed:  
  chromium libgl1-mesa-glx  
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.  
Need to get 84,7 MB of archives.  
After this operation, 253 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libgl1-mesa-glx amd64 21.0.3-0ubuntu0.3~20.04.5 [5.532 B]  
Get:2 http://packages.linuxmint.com ulyana/upstream amd64 chromium amd64 97.0.4692.71~linuxmint1+una [84,7 MB]  
12% [2 chromium 1.706 kB/84,7 MB 2%] 208 kB/s 6min 39s
```


E. Install Google Chrome

- `wget -q -O - https://dl.google.com/linux/linux_signing_key.pub | sudo apt-key add -`
(Tambahkan pub Key Google)

```
user@kholis:~$ wget -q -O - https://dl.google.com/linux/linux_signing_key.pub | sudo apt-key add -
OK
user@kholis:~$
```

- `echo "deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable main" | sudo tee /etc/apt/sources.list.d/google-chrome.list`

tambahkan ke source list perintah di atas lalu update package dengan perintah di bawah

```
user@kholis:~$ echo "deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable main" | sudo tee /etc/apt/sources.list.d/google-chrome.list
deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable main
user@kholis:~$
```

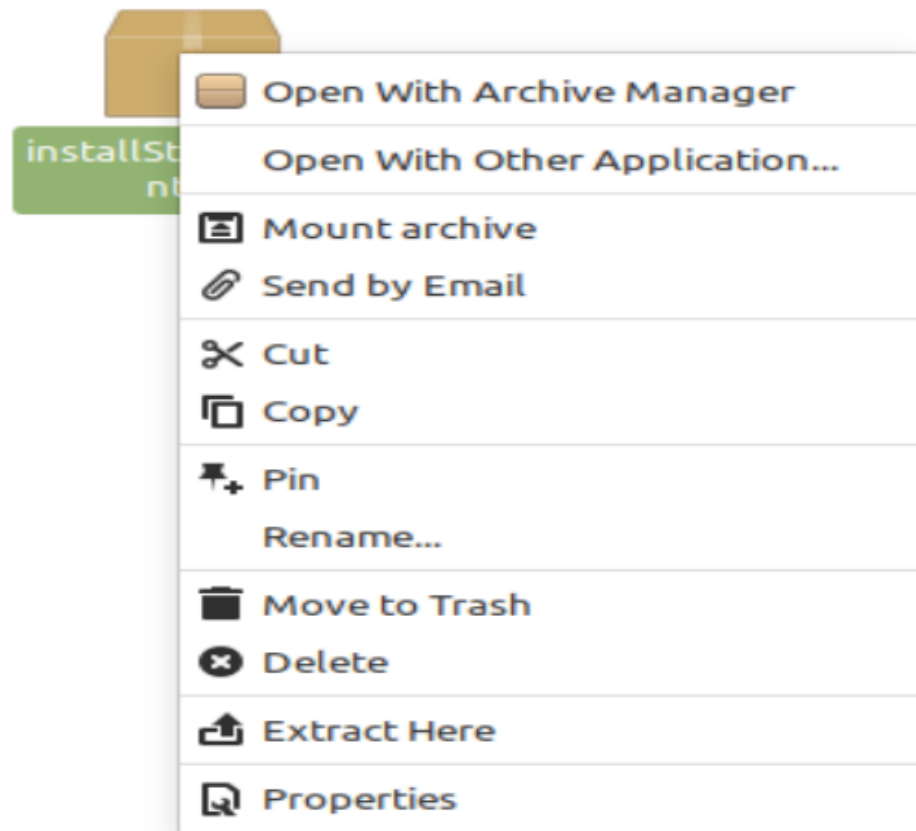
- `sudo apt update && apt install google-chrome-stable -y`

```
user@kholis:~$ sudo apt update && apt install google-chrome-stable -y
Get:1 http://dl.google.com/linux/chrome/deb stable InRelease [1.811 B]
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:3 http://archive.canonical.com/ubuntu focal InRelease
Ign:4 http://packages.linuxmint.com ulyana InRelease
Get:5 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:7 http://dl.google.com/linux/chrome/deb stable/main amd64 Packages [1.089 B]
Hit:8 http://packages.linuxmint.com ulyana Release
Get:10 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metadata [279 kB]
Get:12 http://security.ubuntu.com/ubuntu focal-security/main amd64 DEP-11 Metadata [38,2 kB]
Get:13 http://security.ubuntu.com/ubuntu focal-security/universe amd64 DEP-11 Metadata [66,2 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 Metadata [363 kB]
Get:15 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 DEP-11 Metadata [2.464 B]
Get:16 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11 Metadata [940 B]
Get:17 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 DEP-11 Metadata [7.980 B]
Get:18 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 DEP-11 Metadata [11,3 kB]
Fetched 1.108 kB in 5s (234 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libu2f-udev
The following NEW packages will be installed:
  google-chrome-stable libu2f-udev
```

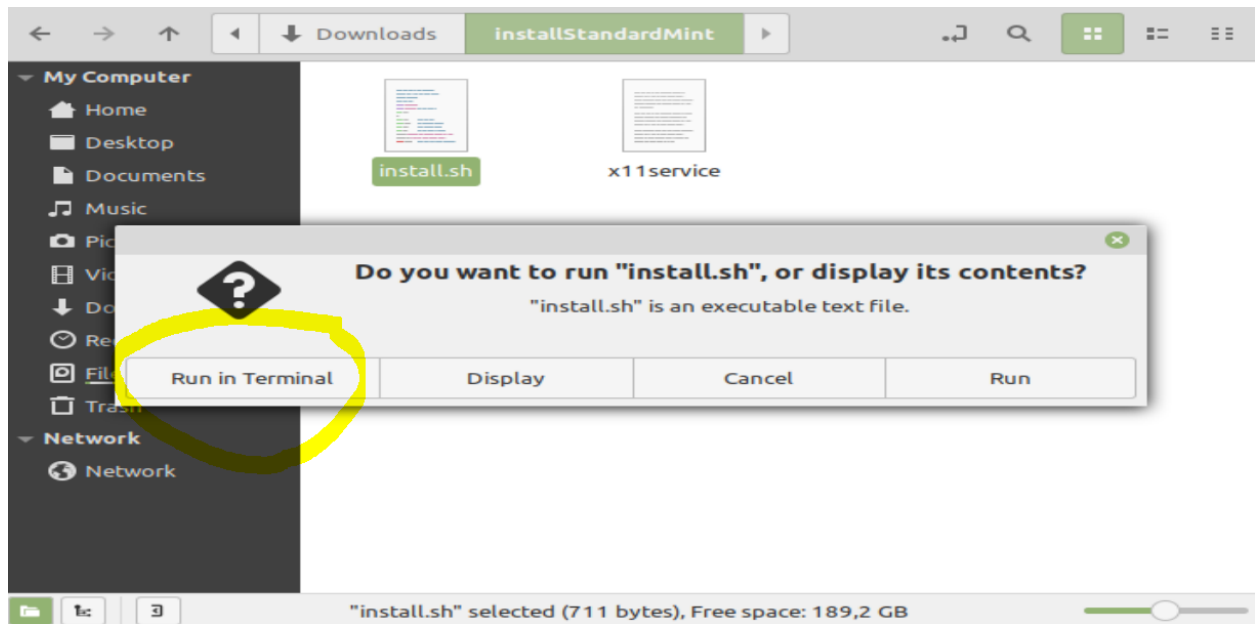
2. *Install Menggunakan Script*

Berikut install menggunakan script dengan hanya menjalankan satu script kita akan dapat menjalankan semua package yang dibutuhkan

1. Download script di link berikut pada linux mint di rekomendasikan
https://drive.google.com/file/d/1gwSGoKSrr8pvPXtb4Ua45y7H_BvRhTw1/view?usp=sharing
2. Setelah itu ekstrak file yang telah di download dengan pilih ekstrak here



3. Masuk ke folder yang telah di ekstrak lalu klik install.sh dengan pilihan run terminal, setelah itu isi password sudo dan password vnc tertera pada gambar, dan tunggu instalasi sampai selesai proses. Dan semua paket telah terinstall coba remote dengan ultra vnc



```
Terminal
File Edit View Search Terminal Help
[sudo] password for user:
Hit:1 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:4 http://archive.canonical.com/ubuntu focal InRelease
Hit:5 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:6 http://security.ubuntu.com/ubuntu focal-security InRelease
Ign:7 http://packages.linuxmint.com ulyana InRelease
Hit:8 http://packages.linuxmint.com ulyana Release
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
Reading package lists... Done
Building dependency tree
Reading state information... Done
x11vnc is already the newest version (0.9.16-3).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
mkdir: cannot create directory '/etc/x11vnc': File exists
Enter VNC password: 
```