

# Things To Do After Installing Ubuntu 20.04 LTS

## 1. Make sure that you have the latest libraries and packages

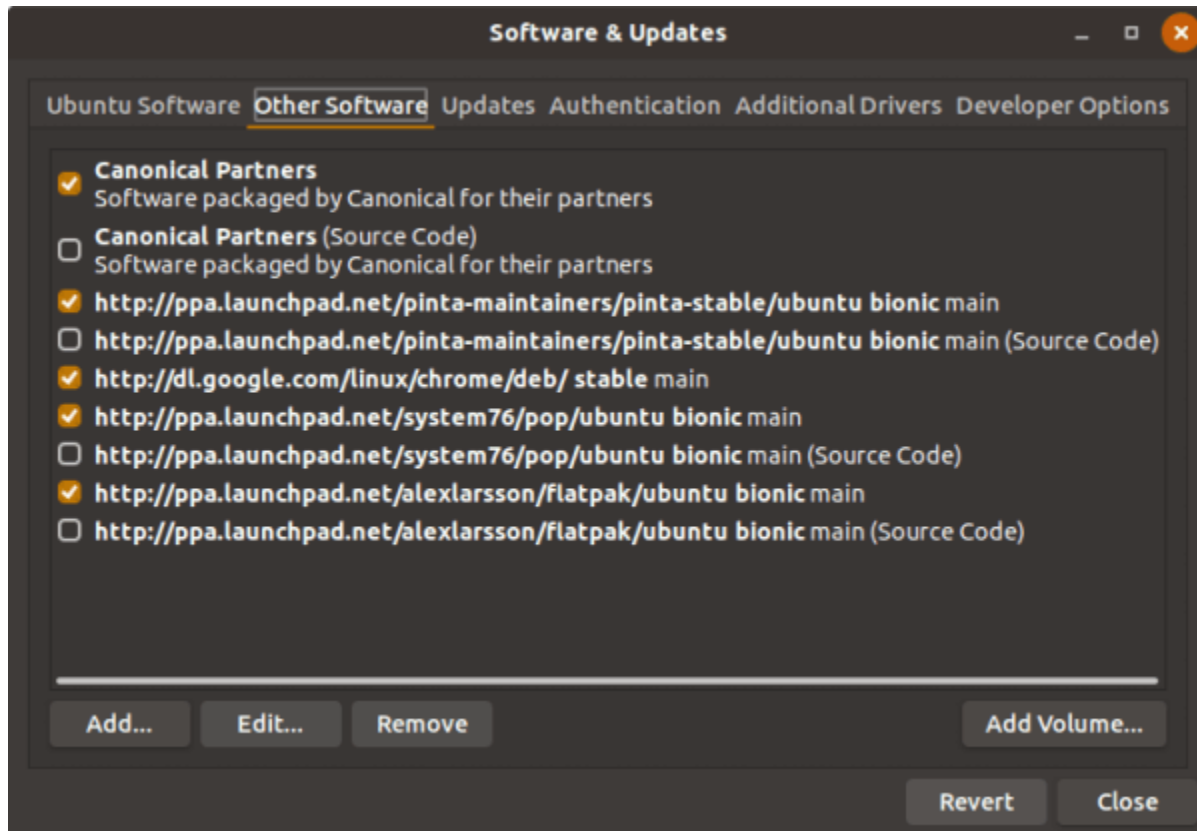
Launch the terminal from the **menu** or use the shortcut key **Cntrl + Alt + T** and enter the following command.

```
sudo apt update && sudo apt upgrade -y
```

## 2. Enable Partner Repositories

The next thing to do in Ubuntu 20.04 adds additional repositories that might offer you more drivers and software updates; these are disabled in Ubuntu 20.04 by default. Most importantly, they are, after all, official but are not shared publicly due to restrictive licenses.

Ubuntu 18.04 Bionic Beaver Enable Partner Repositories



To enable additional repositories,

Go to Software & Updates.

Head over to the Other Software tab and select all the additional repositories other than Source Code Repositories.

## 3. Install Missing Graphic Drivers

Ubuntu 20 or the other Linux distributions might not be the go-to OS for gamers. Nevertheless, installing the latest graphics drivers is one of the first things you should do after installing Ubuntu or any other Linux distribution.

You might already know that most drivers come pre-built in the Linux kernel. Due to the dependency on proprietary restricted drivers, graphics drivers like Nvidia and some printers are the only exceptions.



To update/install graphics drivers on the latest Ubuntu 20.04 LTS —

- Launch **Software & Updates** and hover over to the **Additional Drivers** tab.
- Under the Additional Drivers tab, you can choose whether to install the closed-source proprietary software or open-source [x.org](https://www.x.org/) Xserver Driver.
- Installing the proprietary graphics driver is the recommended one on the list, and just as it reads, that would be the preferable one.

## 4. Installing Complete Multimedia Support

On the complete Ubuntu 20.04 LTS installation, you might remember the option to choose whether to install third-party software for graphics and Wi-Fi hardware, Flash, MP3, and other media. Selecting this option would have already installed the necessary multimedia codecs and plugins. But the multimedia codecs are not installed in Ubuntu, nor is it available in the store.

If you have the synaptic package manager installed, you can search and install a package called ubuntu restricted packages, which is the term used for the codecs. Alternatively, you can use the terminal.

```
ath@ath-X555LF: ~  
File Edit View Search Terminal Help  
The following packages will be REMOVED:  
libavcodec57  
The following NEW packages will be installed:  
cabextract chromium-codecs-ffmpeg-extra gstreamer1.0-fluendo-mp3  
gstreamer1.0-libav gstreamer1.0-plugins-ugly gstreamer1.0-vaapi liba52-0.7.4  
libass9 libavcodec-extra libavcodec-extra57 libavfilter6 libavresample3  
libbs2b0 libdvdnav4 libdvdread4 libflite1 libgstreamer-plugins-bad1.0-0  
libmpeg2-4 libmspack0 libmysofa0 libnorm1 libopencore-amrnb0  
libopencore-amrwb0 libpgm-5.2-0 libpostproc54 librubberband2 libsidplay1v5  
libva-wayland2 libvo-amrwbenc0 libzmq5 ttf-mscorefonts-installer  
ubuntu-restricted-addons ubuntu-restricted-extras unrar  
0 upgraded, 34 newly installed, 1 to remove and 33 not upgraded.  
Need to get 22.1 MB of archives.  
After this operation, 43.5 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://in.archive.ubuntu.com/ubuntu bionic/universe amd64 libopencore-amrnb0 amd64 0.1.3-2.1 [92.0 kB]  
Get:2 http://in.archive.ubuntu.com/ubuntu bionic/universe amd64 libopencore-amrwb0 amd64 0.1.3-2.1 [45.8 kB]  
Get:3 http://in.archive.ubuntu.com/ubuntu bionic/universe amd64 libvo-amrwbenc0 amd64 0.1.3-1 [66.4 kB]  
Get:4 http://in.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 libavcodec-extra57 amd64 7:3.4.4-0ubuntu0.18.04.1 [4,592 kB]  
3% [4 libavcodec-extra57 18.3 kB/4,592 kB 0%]
```

To do this, enter the command in the terminal:

```
sudo apt install ubuntu-restricted-extras
```

## 5. Install Popular and Most useful Ubuntu software

Even though one might notice a few major software titles missing, almost all the popular software has Linux support. To help you get started, we will recommend a few free Ubuntu Linux Software here.

- **Install Google Chrome**

Open your terminal either by using the `Ctrl+Alt+T` keyboard shortcut or by clicking on the terminal icon.

Use [wget](#) to download the latest Google Chrome .deb package.

```
wget https://dl.google.com/linux/direct/google-chrome-stable_current_amd64.deb
```

Installing packages on Ubuntu requires administrative privileges. Running the following command as a [user with Sudo privileges](#) to install Chrome .deb the package on your system

```
sudo dpkg -i google-chrome-stable_current_amd64.deb
```

When prompted, enter your user password, and the installation will start.

At this point, you have Chrome installed on your Ubuntu system.

## 6. Install common software

```
sudo apt install emacs vim vlc filezilla cheese inkscape htop smartmontools nmap ethtool iperf libavcodec-extra gimp nautilus-image-converter fonts-indic ttf-mscorefonts-installer sane sane-utils libsane openvpn
```

## 7. Performance

### Tweak swappiness

By default most Linux distros still assume people need a swap at all. That's unlikely, but in case it's present, it should be at least tweaked to only be used when RAM is 80% full and not 60% like by default. Add the following line to the end of **/etc/sysctl.conf**

```
vm.swappiness = 20
```

and reboot the machine to finalize everything.