

# Ubuntu 18.04 -> 20.04 upgrade

```
sudo do-release-upgrade -d
```

Kodi-specific: keep pam config, keep security/limits config, resolved.conf blacklist.conf /etc/sysctl.conf  
openssh server conf unattended upgrades mysqld.conf apticron

remove unnecessary locales

```
list available locales:  
localedef --list-archive  
locale -a
```

then remove all BUT THE ONES LISTED:

```
sudo locale-gen --purge <locales YOU WANT TO KEEP> en_GB.utf8 en_US.utf8
```

```
sudo apt-get install localepurge
```

After that, you could reboot or try to run `. /etc/default/locale`.

To reconfigure this, simply enter the following in terminal:

```
sudo dpkg-reconfigure localepurge
```

reinstate ppa's after upgrade by uncommenting sources

<https://askubuntu.com/questions/111645/whats-the-best-way-to-re-enable-ppas-repos-after-an-upgrade>

```
for f in /etc/apt/sources.list.d/*.list; do sudo sed -i 's/bionic/focal/g' $f; sudo sed -i 's/^# \(.*) # disabled on upgrade to.*\/1/g' $f;done
```

Remove snap/lxd:

```
sudo apt autoremove --purge snapd gnome-software-plugin-snap
```

Remove legacy xorg drivers, keep only intel

```
sudo apt-get purge xserver-xorg-video-vmware xserver-xorg-video-radeon  
xserver-xorg-video-qxl xserver-xorg-video-nouveau xserver-xorg-video-intel-  
hwe-18.04 xserver-xorg-video-ati xserver-xorg-video-amdgpu xserver-xorg-  
legacy-hwe-18.04 xserver-xorg-legacy xserver-xorg-video-all xserver-xorg-  
hwe-18.04 xserver-xorg-core-hwe-18.04 xserver-xorg-video-fbdev xserver-xorg-  
video-vesa xserver-xorg-video-intel
```

remove edid firmware patch and update initramfs and grub

```
vi /etc/default/grub
```

set

```
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
```

```
sudo update-grub
```

```
sudo apt-get install xserver-xorg-legacy xserver-xorg-video-intel
```

#set to everyone

```
sudo dpkg-reconfigure xserver-xorg-legacy
```

```
sudo vi /etc/X11/Xwrapper.config
```

add

```
needs_root_rights=yes
```

Adjust Alsa options:

```
sudo vi /etc/modprobe.d/alsa-base.conf
```

```
#options snd-hda-intel enable_msi=1 bdl_pos_adj=1,48  
options snd-hda-intel power_save=0 power_save_controller=N
```

OR

```
sudo echo -e '\n# Disable snd-hda-intel power saving\noptions snd-hda-intel  
power_save=0 power_save_controller=N\n' >> /etc/modprobe.d/alsa-base.conf
```

Reinstall virtualbox (if required):

```
sudo apt install virtualbox virtualbox-qt
```

Install tortoisehg (if required):

<https://askubuntu.com/questions/1182598/how-to-install-tortoisehg-on-ubuntu-19-10>

<https://askubuntu.com/questions/1232173/how-to-install-the-tortoisehg-in-ubuntu20-04>

```
mkdir ~/temp 2>/dev/null  
cd ~/temp  
sudo apt install python-is-python3  
python --version  
sudo apt install -y python3-pip build-essential  
sudo apt install -y mercurial  
hg clone https://bitbucket.org/tortoisehg/thg/ -r stable  
hg clone https://foss.heptapod.net/mercurial/tortoisehg/thg -r stable  
cd thg  
pip3 install pyqt5  
pip3 install qscintilla
```

```
sudo apt install -y pyqt5.qsci-dev
pip3 install mercurial
sudo apt install -y python3-iniparse
make local
cd ~/temp
rm -rf ~/tortoisehg 2>/dev/null
mkdir ~/tortoisehg
mv thg/* ~/tortoisehg
vi ~/.local/share/applications/tortoisehg.desktop
pip3 install qscintilla
sudo apt-get install python3-pyqt5.qsci
```

Keepass2:

```
sudo apt-get install --reinstall keepass2
sudo apt-get install --reinstall keepass2-plugin-tray-icon keepass2-plugin-libimagemagick keepass2-plugin-libdbus
```

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:ubuntu18-20-upgrade&rev=1598133724>

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