Online Upgrade ~ Ubuntu 18.04.5 to 20.04.1

Waikato Linux Users Group 19 Oct 2020 Ian Stewart

Online Ungrade \sim Uhuntu 18 04 5 to 20 04 1

	pyrauc	Obditta 10.04.3 to 20.04.1			
Ubuntu 18.04.x	Release Date		Other Releases	Release Date	
Ubuntu 18.04 (dot 0)	2018 Apr				
Ubuntu 18.04.1	2018 Jul				
LTS Online Upgrade	2018 Jul ?				
			Ubuntu 18.10	2018 Oct	
Ubuntu 18.04.2	2019 Feb				

2019 Aug

2020 Feb

2020 Aug

2020 Oct

Ubuntu 18.04.3

Ubuntu 18.04.4

Ubuntu 18.04.5

LTS Online Upgrade

Ubuntu 19.04

Ubuntu 19.10

Ubuntu 20.04

Ubuntu 20.04.1

2019 Apr

2019 Oct

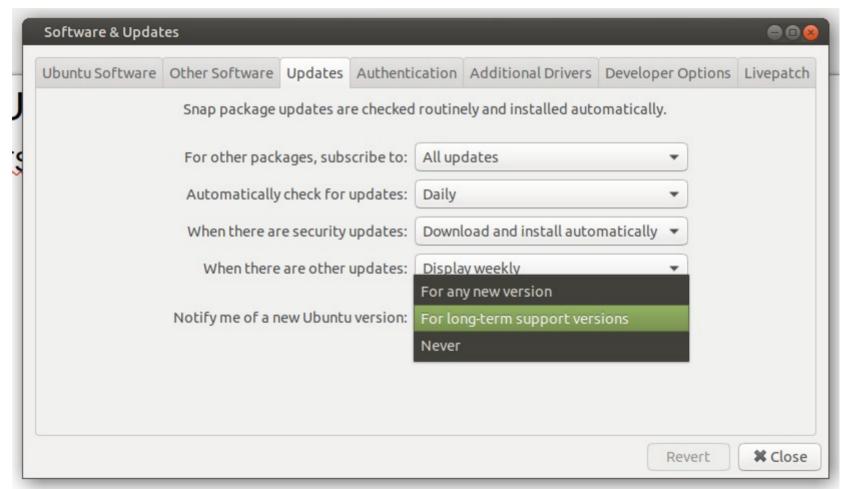
2020 Apr

2020 Aug

LTS Notification...



LTS Notification...



Upgrade Blockers...



Bugs Blueprints Translations Answers

grub-pc needs to detect when debconf points to invalid drive and stop in preinst, before unpacking files, and also treat this as a failure in postinst

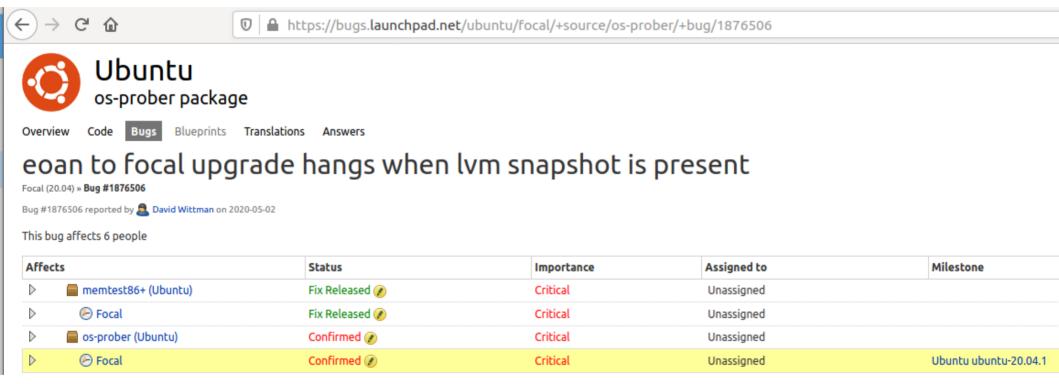
Bug #1891680 reported by Steve Langasek on 2020-08-14

This bug affects 19 people

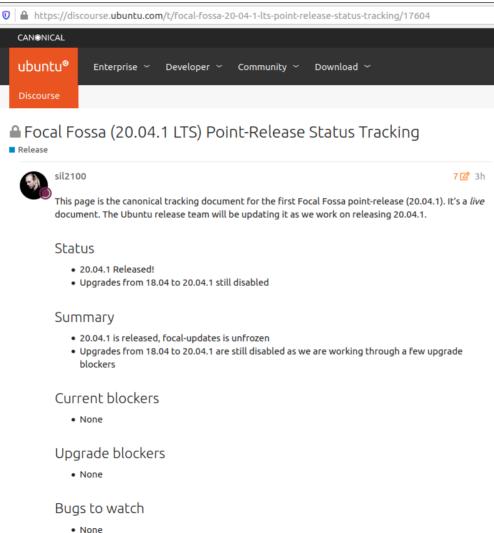


Affects		Status	Importance	Assigned to	Milestone
	grub2 (Ubuntu)	Status tracked in Groovy			
\triangleright	Xenial	Confirmed 🕖	Critical	Unassigned	
⊳	Bionic	Confirmed 🕜	Critical	Unassigned	
⊳	Focal	Fix Released 🕜	Critical	Unassigned	
⊳		Fix Released 🕜	Critical	🚨 Dimitri John Ledkov	

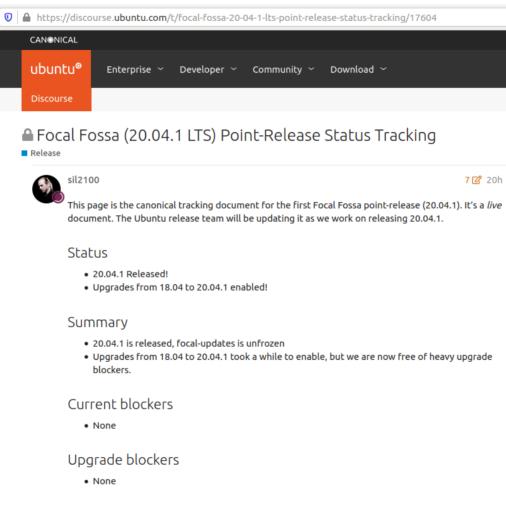
Upgrade Blockers...



Sep 2020

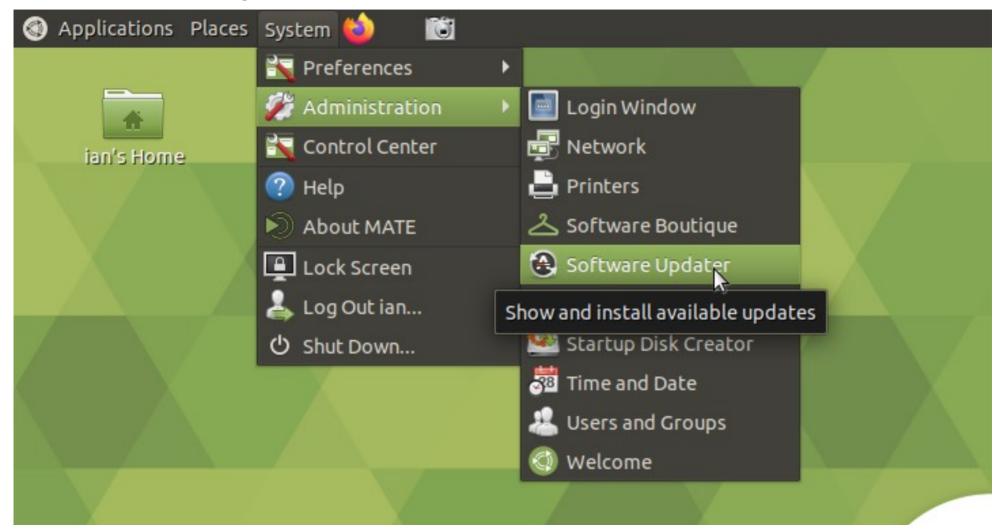


Oct 2020

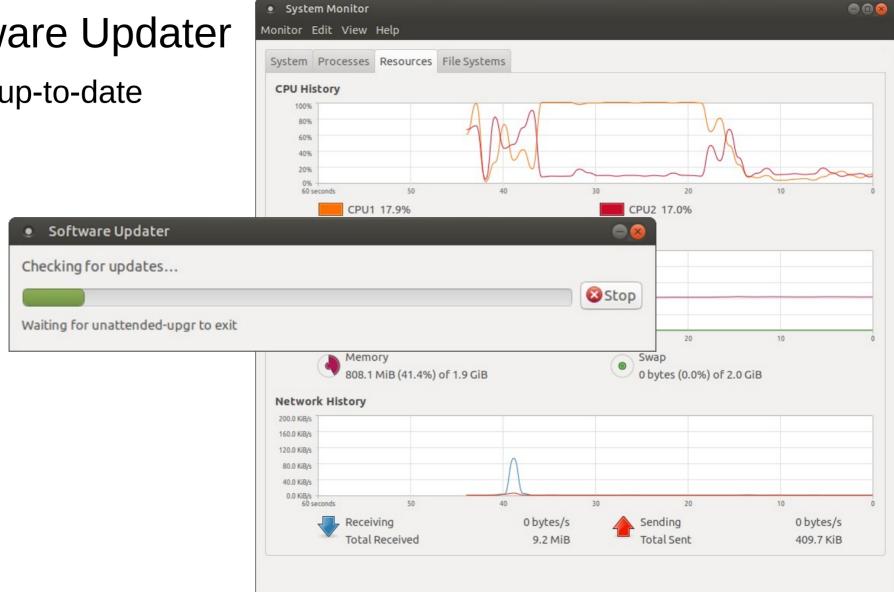


Bugs to watch

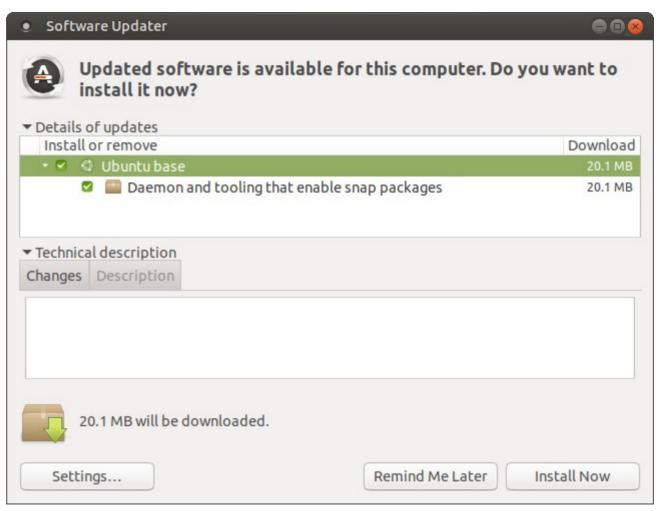
None



Getting up-to-date

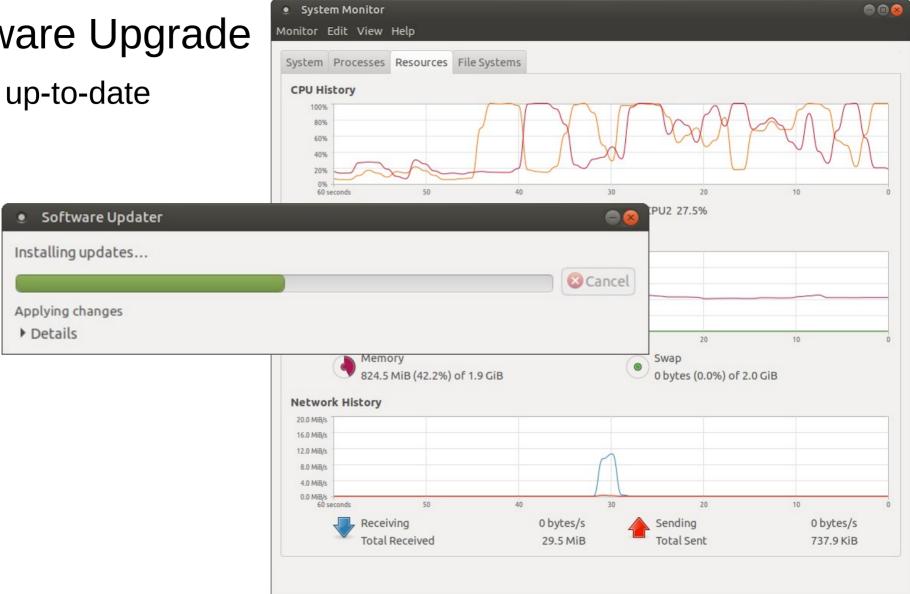


Getting up-to-date



Software Upgrade

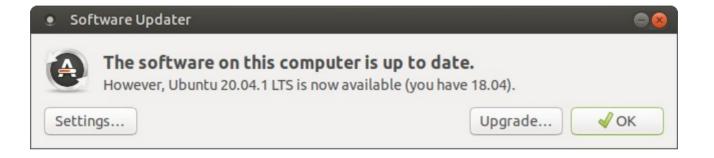
Getting up-to-date



Up-to-date – No upgrade to 20.04



Up-to-date ~ Upgrade to 20.04 offered



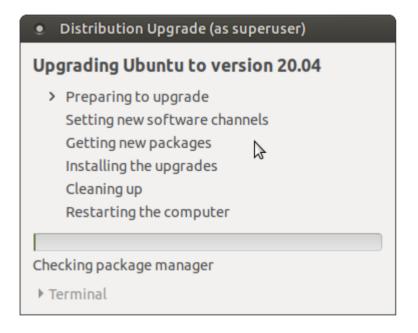
Authenticate



Welcome

Release Notes (as superuser) Welcome to Ubuntu 20.04 'Focal Fossa' The Ubuntu team is proud to announce Ubuntu 20.04 'Focal Fossa'. To see what's new in this release, visit: https://wiki.ubuntu.com/FocalFossa/ReleaseNotes Ubuntu is a Linux distribution for your desktop or server, with a fast and easy install, regular releases, a tight selection of excellent applications installed by default, and almost any other software you can imagine available through the network. We hope you enjoy Ubuntu. Feedback and Helping If you would like to help shape Ubuntu, take a look at the list of ways you can participate at http://www.ubuntu.com/community/participate/ Cancel Upgrade

Preparing





Start

(as superuser)



Do you want to start the upgrade?

65 installed packages are no longer supported by Canonical. You can still get support from the community.

40 packages are going to be removed. 384 new packages are going to be installed. 1547 packages are going to be upgraded.

You have to download a total of 1,382 M. This download will take about 6 minutes with your connection.

Installing the upgrade can take several hours. Once the download has finished, the process cannot be canceled.

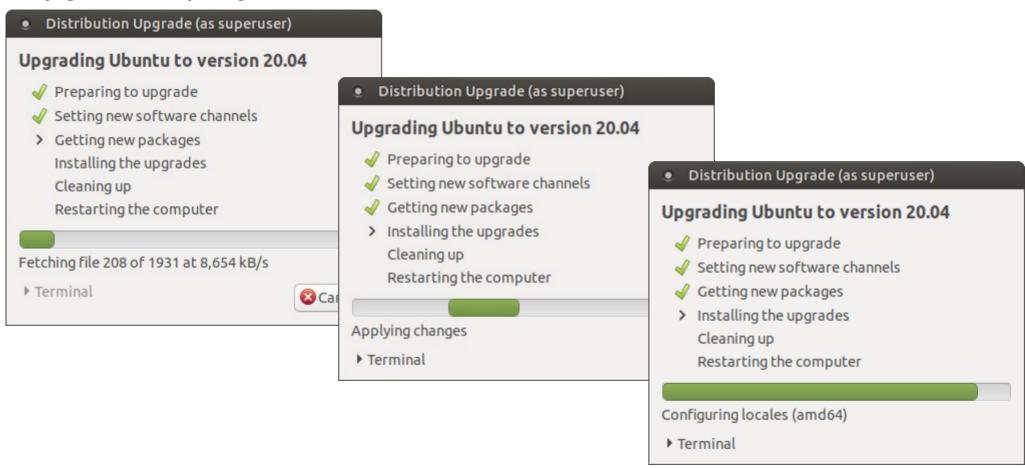
To prevent data loss close all open applications and documents.

▶ Details



Start Upgrade

Upgrade in progress



Display Terminal

```
Distribution Upgrade (as superuser)
Upgrading Ubuntu to version 20.04
 Preparing to upgrade
  Setting new software channels
 Getting new packages
  > Installing the upgrades
    Cleaning up
    Restarting the computer
Configuring locales (amd64)
▼ Terminal
Preparing to unpack .../libc-bin 2.31-0ubuntu9.1 amd64.deb ...
Unpacking libc-bin (2.31-0ubuntu9.1) over (2.27-3ubuntu1.2) ...
Setting up libc-bin (2.31-0ubuntu9.1) ...
(Reading database ... 201920 files and directories currently installed.)
Preparing to unpack .../libc6-dbg 2.31-0ubuntu9.1 amd64.deb ...
Unpacking libc6-dbg:amd64 (2.31-0ubuntu9.1) over (2.27-3ubuntu1.2) ...
Preparing to unpack .../libidn2-0 2.2.0-2 amd64.deb ...
Unpacking libidn2-0:amd64 (2.2.0-2) over (2.0.4-1.1ubuntu0.2) ...
Setting up libidn2-0:amd64 (2.2.0-2) ...
Setting up libc6-dbg:amd64 (2.31-0ubuntu9.1) ...
Setting up locales (2.31-0ubuntu9.1) ...
Installing new version of config file /etc/locale.alias ...
Generating locales (this might take a while)...
  en AG.UTF-8... done
  en AU.UTF-8... done
  en BW.UTF-8... done
  en CA.UTF-8... done
  en DK.UTF-8... done
  en GB.UTF-8... done
  en HK.UTF-8... done
  en IE.UTF-8... done
  en IL.UTF-8... done
  en IN.UTF-8... done
  en NG.UTF-8...
```

Calculating Changes

```
    Distribution Upgrade (as superuser)

Upgrading Ubuntu to version 20.04

✓ Preparing to upgrade

✓ Setting new software channels

 Getting new packages
  > Installing the upgrades
    Cleaning up
    Restarting the computer
Calculating the changes
▼ Terminal
Installing new version of config file /etc/locale.alias ...
Generating locales (this might take a while)...
  en AG.UTF-8... done
  en AU.UTF-8... done
  en BW.UTF-8... done
  en CA.UTF-8... done
  en DK.UTF-8... done
  en GB.UTF-8... done
  en HK.UTF-8... done
  en IE.UTF-8... done
  en IL.UTF-8... done
  en IN.UTF-8... done
  en NG.UTF-8... done
  en NZ.UTF-8... done
  en PH.UTF-8... done
  en SG.UTF-8... done
  en US.UTF-8... done
  en ZA.UTF-8... done
  en ZM.UTF-8... done
  en ZW.UTF-8... done
Generation complete.
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.1) ...
```

45 Minutes

- Distribution Upgrade (as superuser)
- Upgrading Ubuntu to version 20.04
 - ✓ Preparing to upgrade
 - ✓ Setting new software channels
 - Getting new packages
 - Installing the upgrades

Cleaning up

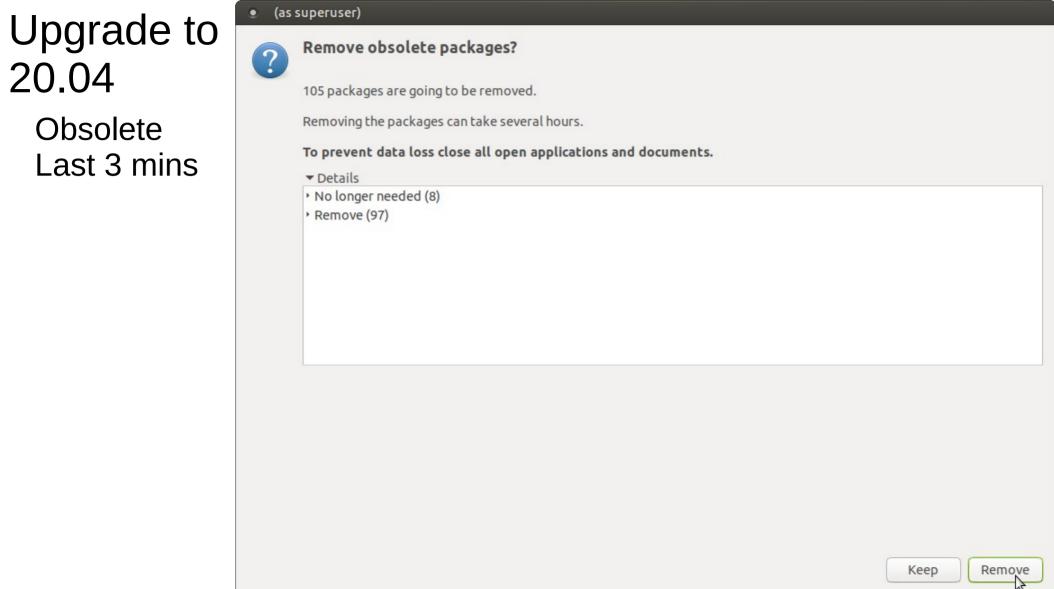
Restarting the computer

Preparing to configure gdebi (amd64)

```
▼ Terminal
```

```
Setting up caja-sendto (1.24.0-1) ...
Setting up libgtk-layer-shell0 (0.1.0-3) ...
Setting up libchamplain-0.12-0:amd64 (0.12.20-1) ...
Setting up language-selector-gnome (0.204.1) ...
Setting up libuno-purpenvhelpergcc3-3 (1:6.4.6-0ubuntu0.20.04.1) ...
Setting up engrampa (1.24.0-2) ...
Setting up bamfdaemon (0.5.3+18.04.20180207.2-0ubuntu2) ...
Rebuilding /usr/share/applications/bamf-2.index...
Setting up indicator-application (12.10.1+19.04.20190308.1-0ubuntu3) ...
Setting up libgcr-ui-3-1:amd64 (3.36.0-2build1) ...
Setting up gir1.2-webkit2-4.0:amd64 (2.28.4-0ubuntu0.20.04.1) ...
Setting up shotwell (0.30.10-0ubuntu0.1) ...
Setting up system-config-printer-common (1.5.12-0ubuntu1) ...
Installing new version of config file /etc/dbus-1/system.d/com.redhat.NewPrinter
Notification.conf ...
Installing new version of config file /etc/dbus-1/system.d/com.redhat.PrinterDri
versInstaller.conf ...
Setting up gir1.2-pluma-1.0 (1.24.0-1) ...
Setting up mate-terminal (1.24.0-2ubuntu1) ...
Setting up libclutter-gtk-1.0-0:amd64 (1.8.4-4) ...
Setting up mozo (1.24.0-1) ...
Setting up uno-libs-private (1:6.4.6-0ubuntu0.20.04.1) ...
Setting up gdebi (0.9.5.7+nmu3) ...
```

20.04



Removing

```
Distribution Upgrade (as superuser)
```

Upgrading Ubuntu to version 20.04

- ✓ Preparing to upgrade
- Setting new software channels
- Getting new packages
- Installing the upgrades
- Cleaning up Restarting the computer

Removing linux-headers-4.15.0-118 (amd64)

▼ Terminal

Removing libpostproc54:amd64 (7:3.4.8-0ubuntu0.2) ... Removing libprocps6:amd64 (2:3.3.12-3ubuntu1.2) ... Removing libprotobuf-lite10:amd64 (3.0.0-9.1ubuntu1) ...

Removing libprotobur-litelo.amdo4 (3.0.0-9.1ubuntu1) ...
Removing python3.6-minimal (3.6.9-1~18.04ubuntu1.1) ...
Unlinking and removing bytecode for runtime python3.6

Removing libpython3.6-minimal:amd64 (3.6.9-1~18.04ubuntul.1) ... Removing libqpdf21:amd64 (8.0.2-3) ... Removing libraw16:amd64 (0.18.8-1ubuntu0.3) ...

Removing libreadline7:amd64 (7.0-3) ... Removing librsync1:amd64 (0.9.7-10build1) ... Removing libsndio6.1:amd64 (1.1.0-3) ...

Removing libssl1.0.0:amd64 (1.0.2n-lubuntu5.4) ... Removing libupnp6:amd64 (1:1.6.24-4) ... Removing libusbmuxd4:amd64 (1.1.0~git20171206.c724e70f-0.1) ... Removing libvpx5:amd64 (1.7.0-3ubuntu0.18.04.1) ...

Removing libx264-152:amd64 (2:0.152.2854+gite9a5903-2) ... Removing libx265-146:amd64 (2.6-3) ...

Removing libzip4:amd64 (1.1.2-1.1) ...

Removing linux-headers-4.15.0-117-generic (4.15.0-117.118) ...

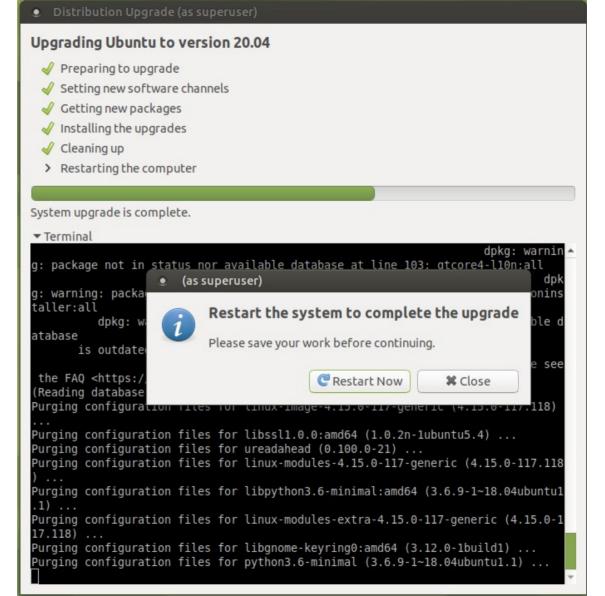
Removing linux-headers-4.15.0-117 (4.15.0-117.118) ...

Removing linux-headers-4.15.0-118-generic (4.15.0-118.119) ...

Removing linux-headers-4.15.0-118 (4.15.0-118.119) ...

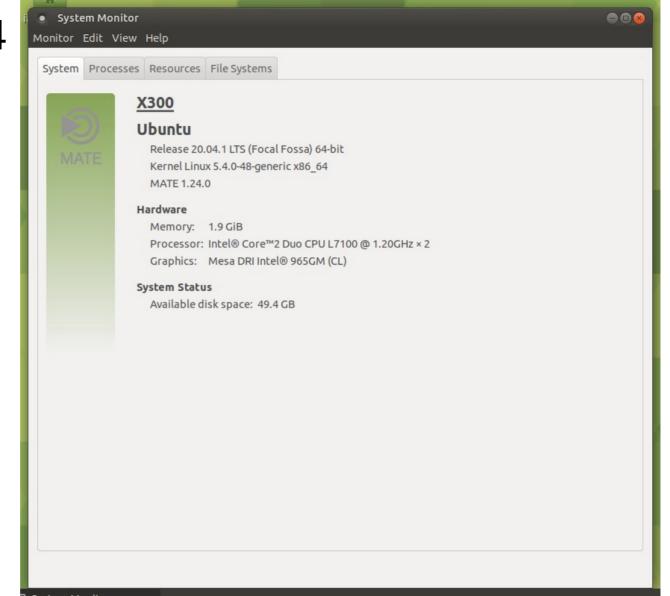
Update to 20.04

Restart



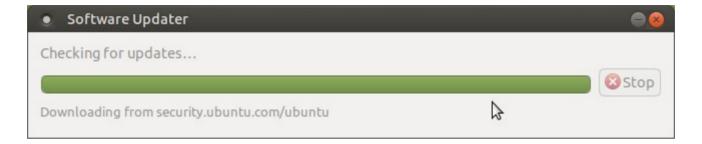
Updated to 20.04

After reboot.



Updated to 20.04

Check Up-to-date





Updated to 20.04

Command Line check up-to-date

```
ian@X300: ~
File Edit View Search Terminal Help
ian@X300:~$ sudo apt update
[sudo] password for ian:
Hit:1 http://nz.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://nz.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://nz.archive.ubuntu.com/ubuntu focal-backports InRelease
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [107 kB]
Fetched 107 kB in 2s (55.8 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
ian@X300:~$
```

End

Questions.