

Open Source Lab

Linux Mint 19.3

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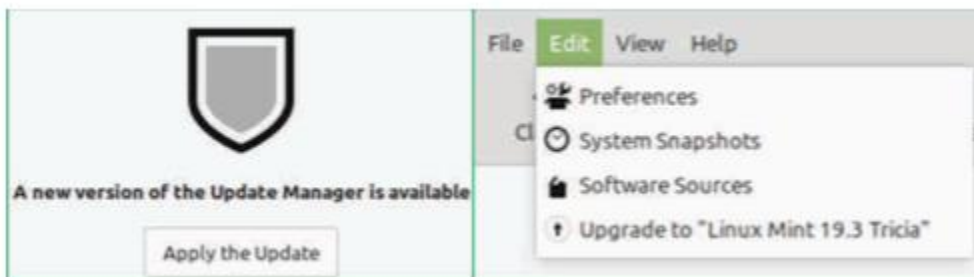


Linux Mint is a distribution based on Ubuntu LTS versions. The latest series is the Mint 19.x family (based on Ubuntu 18.04 LTS). There are three desktop choices: Cinnamon, Mate, and XFCE. Recently, Mint 19.3 was released. Below is a list of the 19.x series.

Mint Version	Code Name	Released
Mint 19	Tara	June 2018
Mint 19.1	Tessa	Dec 2018
Mint 19.2	Tina	Aug 2019
Mint 19.3	Tricia	Dec 2019

It is possible to upgrade directly to Mint 19.3 from any previous 19.x versions. These "in-place" upgrades do not affect personal files or bookmarks. As usual, only software maintained by Mint itself is changed for a "point release."

I was running Mint 19.2 (Cinnamon). As part of the normal updates, I received notice to refresh the update manager itself. After this, I users if they are missing a language package, a multimedia codec, etc. It also has a good system description and record of any system crashes (see below).



Linux Mint has focused on making recovery from any regressions during the upgrade as easy as possible. It is recommended that users precede upgrade with a "Timeshift" session for back-up and to read the installation notes. In this release, they go a step further by introducing the "System Reports" tool. It alerts users if they are missing a language package, a multimedia codec, etc. It also has a good system description and record of any system crashes (see below).



*Celluloid*, *gnote*, *drawing*, and *neofetch* were added to Linux Mint 19.3 as future defaults. For in-place upgrades, you have to do this manually (note: they are present in the iso download if you do a fresh install). *Celluloid* is a replacement for *Xplayer* (*Celluloid* is more efficient for playing movies on your system).

*Gnote* is a replacement for *Tomboy* (not much difference here). *Drawing* is *Gnome-Paint* renamed (a simple bit-map editing program).

*Neofetch* is a command line tool that can “fetch” all sorts of information about your system, from the Linux kernel version number to how long it’s been running (“uptime”). See a short screenshot of *neofetch* below.

```
OS: Linux Mint 19.3 Tricia x86_64
Host: Latitude E6430 01
Kernel: 4.15.0-72-generic
Uptime: 10 mins
Packages: 2603
Shell: bash 4.4.20
Resolution: 1366x768
DE: Cinnamon 4.4.5
```

Mint appears to be backing-off from having so many in-house “Xapps.” Mint 19.2 is a refined version of Linux Mint and is recommended for current users. Upgrade here is a minor event but look for major changes when shifting to Mint 20 next year.

