

Internet Repositories of Linux Software

[Ubuntu, Canonical, Linux Mint, SIL, Launchpad PPAs (Wasta)]

Internet Downloads

Able to create and maintain a full software mirror?

No

Yes

- Procedure -

Use wasta-offline-setup:

1. Update the “**source**” computer’s software from the Internet using its **Software Updater** or **Synaptic Package Manager**.
2. Use the **wasta-offline-setup** program to get the updates from the “source” computer(s) onto a small < 8GB memory stick.
3. Run **wasta-offline** program on each of the “**target**” computers and while running, use its **Software Updater** to install updates to each identical computer.

Downloads: small/minimal.

Scope: limited to a single distribution and architecture that matches what is on the “source” computer. Effectively transfers the state of the software from the “source” to “target” computer(s).
Media: < 8GB Memory stick.

- Procedure -

Use update-mirror.sh script:

1. Run the **update-mirror.sh** script to install & configure apt-mirror, download all software packages from the Internet, and sync those packages to an external 1TB USB hard drive that functions as the “full mirror.”
2. Run **wasta-offline** program on any Linux computer and while running, use its **Software Updater** to install updates, or use the **Synaptic Package Manager** or other installer to install any Linux software.

Downloads: may be very large.

Scope: contains all distributions from precise to yakkety release including 64-bit and 32-bit. It is a full “mirror” 600GB of what’s in the Internet’s Linux repositories.
Media: 1TB USB hard drive