Linux is a widely used open-source operating system; it manages the connection between applications/programs and hardware like other Operating Systems. Applications make the requests, and operating systems map those requests to the hardware components. Linux operating systems have hundreds of distributions (distros); a Linux distribution is also an operating system made using Software collections based on Linux Kernel. The well-known distros of Linux OS include Debian, Ubuntu, Linux Mint, Fedora, MX Linux, Deepin, etc. The notable information is that Debian is a Linux-based distribution, and Ubuntu is a distribution based on Debian. Ubuntu and Debian are almost similar, but they have few differences, such as Ubuntu is inclined towards user-friendliness and Debian is more concerned with software freedom. In this piece of writing, we will present the difference between two distros, Ubuntu and Debian, and analyze which Linux distribution is better.

Debian

Debian is an old but very stable Linux distro: the initial version of Debian was released in 1993. In 1993, software engineer Ian Murdock issued an open invitation to various developers to develop a relatively new operating system based on the Linux kernel. This invitation was called the Debian Project; therefore, the development phenomenon of Debian is known as the Debian Project that includes hundreds of developers who contribute towards the development of Debian. Moreover, its features and stability forced the developers to consider it a benchmark for a few other Linux distributions such as Ubuntu, Linux Mint. It is noted that more than 100 distributions of Linux are derived from Debian. It is developed by hundreds of developers that form the Debian project.

Ubuntu
Ubuntu is marked as the most popular Linux distro and was firstly released in the year 2004. Ubuntu is designed for computers, smartphones, and network servers, and it is used globally, such as in offices, homes, programming, IoT devices, TV OS, etc. It releases twice (April and October) a year with a gap of 6 months. The exciting thing about Ubuntu is that it is based on the Debian distro of Linux: this relationship between Ubuntu and Debian makes them similar in many features and functionality.

Source URL: http://www.tuxmachines.org/node/155138

Links: