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Introduction to Linux and Ubuntu



Linux and Ubuntu



- While Windows and macOS dominate the OS landscape, **Linux** is an excellent choice if you're looking to set up a VPS operating system.
- It offers various distributions like Fedora, Debian, and CentOS, but **Ubuntu** stands out as one of the most popular.



What is Linux?



- **Linux** is a powerful and flexible family of operating systems.
- Its open-source nature allows to explore, and improve its code.
- **Linux** is for various applications in personal computers.



What is Ubuntu?



- **Ubuntu** is a popular **Linux-based** operating system.
- It was designed to be user-friendly alternative to Debian.
- New version of **Ubuntu** contributes to software testing, and more.



Ubuntu vs. Linux:



- **Linux** refers to a family of operating systems built from **Linux kernel**.
- **Ubuntu**, is a specific distribution of Linux based on Debian.
- **Linux** release cycle vary greatly while **Ubuntu** has a regular releases.



Benefits of Linux:



- An **active community** contributing to its continuous improvement.
- **Fewer** security **vulnerabilities** compared to other OS.
- **Free** to use and distribute.



Benefits of Ubuntu:



- GNOME desktop environment offers **easy navigation**.
- **Operates smoothly** on low-end devices.
- Quick identification & **elimination** of **vulnerabilities**.



Conclusion:



Ubuntu stands out as the most popular Linux distribution.

It offers user-friendliness, strong security, and wide range of software options.

So using both smartly offers a robust operating system without extra cost constraints.