

### **Diff btw windows os & Linux os**

Windows Os	Linux Os
It is a proprietary Os	It is an Open source os
Less Secure then linux	More Secure
Files are stored in folders	Files are stored in tree like structure
Not Customizable	Customizable according to needs
Developed by Microsoft	Developed by Linus Torvalds

### **Why Linux are widely used for servers?**

Linux is widely used for servers due to its stability, security, and cost-effectiveness. As an open-source operating system, it allows organizations to customize and optimize it for specific needs without licensing fees. Linux is known for its reliability, handling long uptimes without requiring reboots, which is critical for server environments. Its strong security model, regular updates, and large community support help minimize vulnerabilities. Additionally, Linux supports a wide range of hardware and is compatible with popular server software like Apache, Nginx, MySQL, and Docker. These features make it a preferred choice for businesses, hosting providers, and developers around the world.