

Write some features of Linux that are not available in Windows.

List of features



Features of Linux not available in Windows:

1. Open-source nature:
2. Customization:
3. Package management:
4. Terminal access and command-line tools:
5. Security:
6. Multitasking and resource management:
7. Kernel development:
8. Server-oriented features:
9. Integration with other operating systems:
10. Rolling release distributions:

In Previous Years Questions

Features of Linux not available in Windows:

1. Open-source nature:

- Free access to source code for modification and distribution.
- Transparency in development and operation.
- Community-driven support and development.

2. Customization:

- Extensive user and system customization options.
- Greater control over the operating system and its components.
- Wide variety of desktop environments and distributions to choose from.

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3. Package management:

- Easy and centralized installation and removal of software through repositories.
- Automatic dependencies management ensures smooth software installation.
- Extensive selection of free and open-source software available.

4. Terminal access and command-line tools:

- Powerful and scriptable command-line interface for advanced tasks.
- Automation possibilities through scripting and shell commands.
- Direct interaction with system components for troubleshooting and configuration.

5. Security:

- Lower susceptibility to malware and viruses due to a smaller user base.
- Robust security features and open-source development allows for community scrutiny and rapid response to vulnerabilities.
- Regular updates and patches for kernel and software packages.

6. Multitasking and resource management:

- Efficient resource utilization allows smooth operation on older hardware.
- Lightweight and modular design minimizes resource consumption.
- Virtualization and containerization technologies readily available.

7. Kernel development:

- Open and transparent development process allows for wider community participation.

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- Faster bug fixing and integration of new features due to community contributions.
- Specialized kernels available for specific needs (e.g., real-time, embedded systems).

8. Server-oriented features:

- High stability and uptime for server environments.
- Wide range of server software available (e.g., web servers, databases, mail servers).
- Command-line management allows for automation and remote administration.

9. Integration with other operating systems:

- Ability to run Windows applications through compatibility layers like Wine.
- Easier integration with open-source software and tools.
- Greater flexibility in multi-boot environments.

10. Rolling release distributions:

- Continuous updates and new features without the need for major upgrades.
- Always on the latest version with bug fixes and security improvements.
- Ideal for users who value staying up-to-date with the latest software.