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Operating System Security & Privacy

there are many operating systems & they have full control over your device. If an OS is compromised, you are at the top of the vulnerability ~~risk~~ list.

→ No operating system is perfect.
→ All OSes around us has pros & cons.
→ More security features are found in Linux & its derivatives.
→ But in mobile, iOS is better for security as it is a restricted system. Android is open as compared to iOS in letting users take control of what they do.

★ All ~~secur~~ operating systems have serious critical security vulnerabilities.
→ Microsoft, because of its market share, is more researched about & hence more vulnerabilities are found.
→ As of 2018, 81.73% people used Microsoft whereas only 1.66% used Linux. macOS has come to recognition from then.

Windows 10

→ This is a operating system that uses many cloud-based features to learn about you!
→ Eg. Cortana, their voice assistant, stores ALL of your data in the name of personalization.
→ Microsoft privacy statement clearly states that they collect your data & can share it with third-party applications.
→ In exchange of good features, personal data is traded.

★ You can find many online tools that can fix privacy issues in Win10. They can disable tracking easily. Its good to choose open-source tools so that you can validate it.

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* With every major update, privacy settings are set to default.
* Currently in windows 11 (as of 2025), in privacy settings:
  - Apps show you personalized ads -- NO
  - Let websites provide locally relevant content by accessing my language list -- NO
  - Turn off location for privacy, if not needed anywhere else.