

Internet Basics

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1. Introduction to the Internet

- The Internet is a global network of interconnected computers that communicate using a common set of protocols.
- It allows users to access and share information, communicate, and collaborate with others worldwide.

2. Key Components of the Internet

- **Web Browser:** Software used to access and view websites.
- **URL (Uniform Resource Locator):** Address used to locate resources on the Internet.
- **IP Address (Internet Protocol Address):** Unique numerical identifier assigned to devices connected to the Internet.
- **ISP (Internet Service Provider):** Company that provides users with access to the Internet.

3. Common Internet Services

- **Email:** Electronic mail service for sending and receiving messages.
- **World Wide Web (WWW):** System of interconnected webpages accessible via the Internet.
- **Search Engines:** Tools used to search for information on the Internet (e.g., Google, Bing).
- **Social Media:** Platforms for users to connect, share content, and communicate (e.g., Facebook, Twitter).

4. Internet Safety and Security

- **Passwords:** Use strong, unique passwords for online accounts.
- **Antivirus Software:** Install and update antivirus software to protect against malware.
- **Privacy Settings:** Adjust privacy settings on social media and other online accounts to control who can access your information.

5. Internet Etiquette

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- **Netiquette:** Practice good manners and respect when communicating online.
- **Citing Sources:** Give credit to original sources when sharing information or content from the Internet.
- **Avoiding Plagiarism:** Do not copy and paste content from the Internet without proper attribution.

6. Future of the Internet

- **IoT (Internet of Things):** Interconnected devices that communicate and share data over the Internet.
- **5G Technology:** Faster and more reliable Internet connectivity for improved user experience.
- **Artificial Intelligence:** Integration of AI technology to enhance Internet services and applications.

By understanding these Internet basics, users can navigate the online world more effectively and safely.