

Internet

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Definition: The Internet works through a global network of interconnected computers and servers, communicating via standardized protocols.

- Data is broken into packets and routed through various network nodes using the Internet Protocol (IP).
 - These packets travel across different physical infrastructures.
- The Transmission Control Protocol (TCP) ensures reliable delivery and reassembly of packets at their destination.
- Domain Name System (DNS) servers translate human-readable website names into IP addresses.
- When you access a website, your device sends a request to the appropriate server, which responds with the requested data.
 - This process enables the seamless exchange of information across vast distances.