



Birth of the Commercial Internet

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On **1st January 1983**, the transition from **Advanced Research Projects Agency Network (ARPANET)** to **Transmission Control Protocol/Internet Protocol (TCP/IP)** marked the birth of the modern Internet, revolutionizing communication globally.

- ARPANET, the **first public packet-switched computer network**, was initiated during the [Cold War](#) by the **US Department of Defence** to ensure **communication survival** during potential **nuclear attacks**.
 - However, the protocol governing ARPANET, known as the **Network Control Protocol (NCP)**, became outdated by the late 1970s, unable to support the **increasing complexity and diversity of interconnected networks**.
- TCP/IP, developed by **Vinton Cerf and Robert Kahn**, American Internet pioneers, standardized communication across diverse networks, enabling **scalable and efficient data transmission**.
 - 1st January 1983, designated as the "**flag day**," required all ARPANET systems to adopt TCP/IP, leading to the birth of the Internet.
- TCP/IP enabled a "**network of networks**," breaking geographical, organizational, and technological barriers, allowing for global connectivity.
 - This transition laid the foundation for future advancements, including the [World Wide Web](#), **social media**, and **e-commerce**.

Read more: [All Things Internet](#)

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