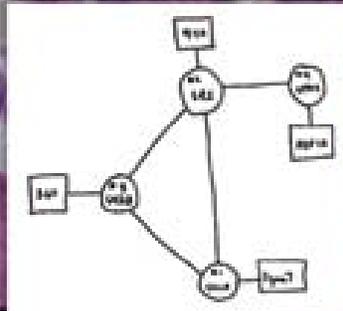
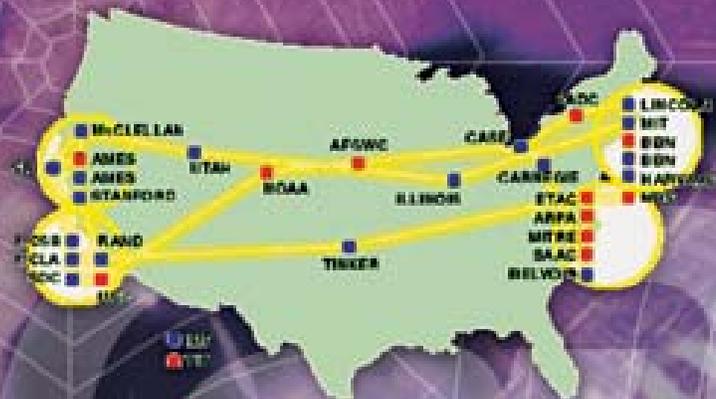


The Internet: 1960s to Today



The foundation for the Internet was laid in the 1960s with packet switching theory, visions of a "Galactic Network," and ARPANET's connection of four university nodes. By 1980, ARPANET connected over 100 academic, scientific, and government nodes. When the Internet was turned over to the private sector in 1990, there were over 100,000 hosts. By 1992, there were more than 1 million hosts.



Much of the Internet's growth was due to early agreement on key standards and protocols. Domain names, routing protocols, and technical architecture are just a few of the standards that provide the common, linking languages of the Internet.

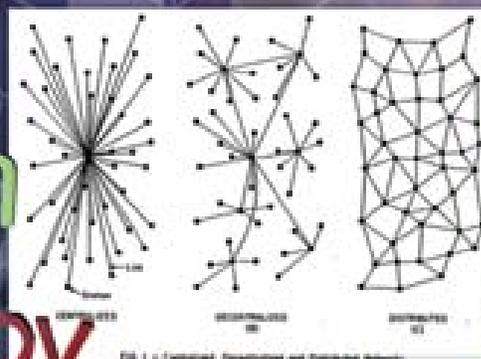


FIG. 1 - Common, Commercial, and Academic Networks

.net .com
.org .gov
.mil

The FCC thanks the following organizations for allowing use of their images:

- ARPANET, Internet Archive
- Alex McKenzie Collection, The Charles Babbage Institute
- Donna Cox, NCSA
- Oregon Public Broadcasting
- Rand Corporation
- Tim Berners-Lee, W3C



Connecting to the Net



In 1969, the ARPANET leased 50 kbps lines to connect its original four nodes. Today, the majority of U. S. households connect to the Internet over standard phone lines. But, a growing percentage of Americans are taking advantage of faster wireless, cable, and DSL broadband connections.



PANEL 1

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PANEL 2

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