Internet

* Defines as global network of networks
* Internet comes from the word inter-network.
* The Inter means outside the boundary while the network means the interconnection of devices.
* Internetworking is a technique that uses device such as router to connect to a different network.
* Also known as net and "The Internet".
* May 31, 1961 - Leonard Kleinrock published his first paper entitled "Information Flow in Large Communication Nets" or simply known as packet switching theory. This theory contains the initial idea of internet and played huge part in creating the "Internet".
* August 1962 - J.C.R Licklider of MIT presented an idea known as "Galactic Network". This idea can connect to different terminal and let them share information. He moved to DARPA and lead its development. He also convinced his coworker the importance of it.
* 1965- Lawrence Roberts of MIT formed an experiment that connects computer from different areas using the dial-up telephone lines and proved that Kleinrock's pocket switching is needed to advance the technology while using telephone line is inadequate
* 1966 - Roberts moved to DARPA and to develop his paper "ARPANET" which was published in 1967.
* 1969 - first message that was delivered to a different computer. The message is "LOGIN" but the first two word was the only thing received due to system crash. The one who first used it is Charley Kline at UCLA.
* 1972 - email was developed.

Advanced Research Projects Agency Network (ARPANET )

* Original internet.
* Beginning of the net
* First used the packet switching theory.

Advanced Research Projects Agency(ARPA)

* Created by US government to gain advantage over the ongoing war against the Soviet Union and to create new technology.
* Created in the year 1958 and authorized by U.S. President Dwight D. Eisenhower
* It is now known as Defense Advanced Research Projects Agency (DARPA)
* Involve in creating the internet

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