History of Internet

1962

The first recorded description of the social interactions that could be enabled through networking was a series of memos written by JCR Licklider of MIT in Aug 1962 discussing his “galactic network” concept.

Oct 1962

Licklide who was the head of DARPA convinced his IVAN Surtherland ,Bob Taylor and MIT researcher Lawerance G.Roberts the importance of the networking content.

1961

Leonard Kielinirock published published the first paper on packet switching theory

1964

Leonard Kielinirock published the first book on the subject of packet switching theory.

In 1965

Thomas Merrill, Roberts connected the TX-2 computer in mass to Q-32 in California with low speed dial-up telephone line creating the first wide-area computer network.

1964

The RAND group had written on a paper on packet switching networks networks for secure voice in the military.

1968

August after Roberts and the DARPA funded community had refined the overall structure and specification for the ARPANET a RFO was released by DARPA for the development of one of the key components the switching called Interface message Processor(IMP).

In1969

Sep

BBN installed the first IMP at UCLA and the first host computer was connected

In this year The Doug Engelbart’s project on “Augmentation of human intellect” at Stanford research institute(SIR) provide the second node.

In Nov sir was connected to the ARPANET the first host- to- host message was sent from Klieninrock’s laboratory to SRI.

1970

Dec

The network working group (NWP) working under S. Crocker finished the initial ARPANET Host-to-Host protocol called the Network Control Protocol(NCP)

1972

The idea of open-architecture networking was after introduced by Khan shortly after having at DARPA in 1972 the idea was originally part of the packet radio program but subsequently become a separate program then they called it “Internetting” .Then

Kahn decided to develop a new version of the protocol which could meet the needs of an open-architecture network environment. This protocol would eventually be called the Transmission Control Protocol/Internet Protocol (TCP/IP).