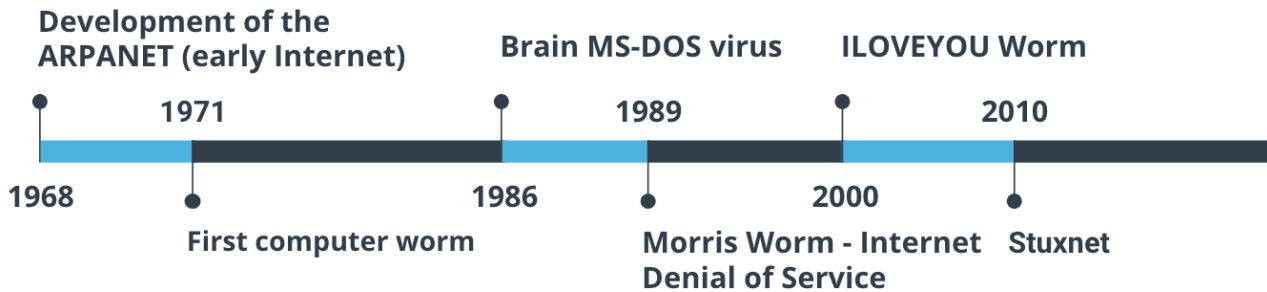


Cybersecurity

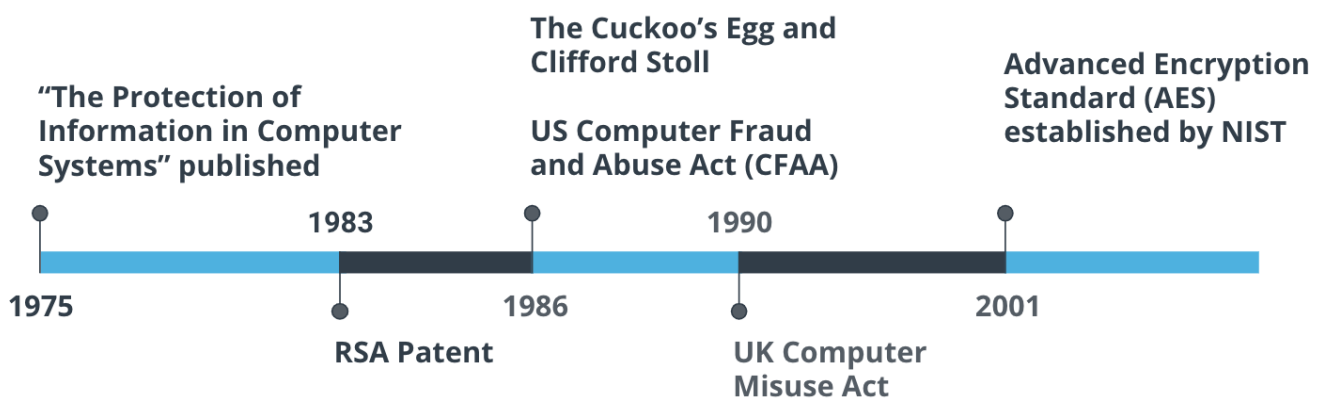
History of Computer Viruses and Worms



With the start of the Internet in the late 1960s, known then as the ARPANET came a need to secure the data, connections, and computer systems for those using it; mostly research institutions, universities, and governments. Computers in the early days of the Internet often didn't have basic protection and used telephone modems to dial-into the network. Highlights of memorable computer viruses and worms include:

- 1968 - Development of the ARPANET (early Internet)
- 1971 - First reported computer worm - Creeper
 - It didn't affect any computer but it displays message on screen stating, "I am a creeper , catch me if you can"
- 1986 - Brain MS-DOS virus
- 1989 - Morris Worm - Internet Denial of Service
- 2000 - ILOVEYOU Worm (written in VB script using social engineering infected millions within hour of realese)
- 2010 - Stuxnet

Timeline of Computer Viruses, Mapcon



- 1975 - "The Protection of Information in Computer Systems" published

- 1983 - RSA Patent
- 1986 - The Cuckoo's Egg and Clifford Stoll
- 1986 - US Computer Fraud and Abuse Act (CFAA)
- 1990 - UK Computer Misuse Act
- 2001 - Advanced Encryption Standard (AES) established by NIST

In September of 1983 when MIT was granted a patent that introduced the RSA (Rivest-Shamir-Adleman) algorithm, which was one of the first public key cryptosystems