

# INTERNET HISTORY

From 1950 to present

# 1950

## THE BEGINNING!

ERA 1101 was one of the first commercially produced computers, the company's first customer was the US Navy.

# 1969

Arpanet was the first real network that ran on Package switching on October 29, 1969. Computer at Stanford and UCLA was connected for the first time. This will be the beginning of what we call the internet today.

Another major advancement in the 60's was Unix's most popular operating system for web server and web hosting today.

# 1970

## 1970

Arpanet networkAn Arpanet network was established between Harvard, MIT and BBN.

## 1971

Email was first invented by Ray Tomlinson, who also took the decision to use "@" to separate user from the computer name.

## 1972

France began its own Arpanet-like project in 1972, called CYCLADES. While Cyclades was eventually shut down, it did pioneer a key idea: the host computer should be responsible for data transmission rather than the network itself.

## 1973

Thirty institutions are connected to the Arpanet. Vinton Cerf (Stanford) and Bob Kahn (DARPA) start developing TCP/IP to allow computers on different networks to communicate with each other.

## 1975

NASA uses Arpanet to planning the space physics network, SPAN. Microsoft is founded by Bill Gates.

## 1976

Seymour Cray demonstrates the first vector-processor supercomputer, the CRAY-1. Elizabeth II, Queen of the United Kingdom, is the first leader to send email. Ethernet, a wire-based system is developed by Dr. Robert M. Metcalfe. SATNET, a satellite program is developed to link the United States and Europe.

## 1984

Apple Macintosh is sold to public. DNS is introduced domains of .gov, .mil, .edu, .org, .net, and .com.

## 1985

The first registered domain "Symbolics.com" was registered on the Internet.

# 1980

## 1986

TCP/IP is available on workstations and PCs. Ethernet is becoming accepted for wiring inside buildings and across campuses.

## 1989

Microsoft office is created

## 1990

Tim Berners-Lee (CERN) is creating the hypertext system

### World Wide Web!

ARPANET formally shuts down. In twenty years, 'the net' has grown from 4 to over 300,000 hosts.

## 1991

CERN releases the WWW NSFNET backbone upgrades to T3, or 44 Mbps.

Total traffic exceeds 1 trillion bytes, or 10 billion packets per month! Over 100 countries are now connected with over 600,000 hosts and nearly 5,000 separate networks.

## 1992

The MBONE software is created for the use of audio and video.

## 1993

First web browser, Mosaic (created by NCSA) is released.

# 1990

## 1994

Netscape, Yahoo, Amazone, the first ordering system created by Pizza Hut and the first internet bank, First Virtual is Launched.

## 1995

Registration of domains is no longer free. Lycos, Ebay, Java, Aol is launced.

## 1996

The Dancing Baby becomes one of the first viral videos

## 1997

The term weblog is created

## 1998

PC makers can hide or remove Microsoft's Internet software on new versions of Windows 95 Birth of the The Google search engine The Internet Protocol version 6 is introduced

## 1999

Music application Napster is invented E-commerce rapidly spreads

# 2000

## 2000

Deviant programmers begin designing and circulating self-replicating viruses with greater frequency The internet bubble bursts, displaying the vulnerability of the Internet

## 2001

Circuit Court of Appeals in San Francisco rules that Napster is violating copyright laws  
Wikipedia is launched

## 2003

The SQL Slammer worm spread worldwide in 10 minutes. Birth of Wordpress, Myspace, Skype and the Safari Web Browser

## 2004

Facebook and Mozilla Firefox browser are launched.  
The worm MyDoom spreads through Internet servers - 1 in 12 email messages are infected

## 2005

Youtube and Reddit are launched

## 2006

The Internet Governance Forum first meeting .  
Twitter is launched

## 2010

The social media sites Instagram and Pinterest are launched. Facebook has 400 million active users

## 2011

The social networking services Facebook and Twitter plays an important role in the Middle East revolts

## 2012

Online protest, including Companies such as Google and nonprofit organizations such as Wikipedia and the Electronic Frontier Foundation, successfully stopped the controversial bill Stop Online Piracy Act.

## 2013

Edward Snowden reveals the NSA's monitoring program capable of tapping the communications of thousands of people

## 2014

The Heartbleed bug is discovered in OpenSSL

## 2015

Instagram reaches 400 million users, outpacing twitter (316 million users)

## 2016

Google joins Apple's Siri, Microsoft's Cortana and Amazon's Alexa, when launching the voice-activated personal assistant program called Google Assistant

## 2017

Kleiner Perkins investor Mary Meeker Internet Trend report for 2017: Voice recognition software and devices has matured. Google Home has reached human-level accuracy for word recognition, 95%, in 2017 Increasing advertising and ecommerce

# 2030

## THE YEAR 2030

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Our thoughts and ideas  
how the internet is going  
to be in the future.

E-commerce is grooving. More storage options on the laptop so you do not have to buy a lot of hard disks. I hope that someone will come up with an idea so you could make the computer to a little package so it will be easier to bring with you! Access to WIFI everywhere!

We will get a much better picture of what the items look like (electronics, food, interior, clothes, shoes, etc.) and how it will look on you or at home. Also the apporionments to control thing by talking will grow.

AR vil also grow a lot as many big companies as Apple, google and microsoft is using big resources in this area.

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