

1. Who invented the Internet? Name all the people who were involved. Where are these people now? Are they still alive?

The U.S. Department of Justice funded ARPANET, which used packet switching among several computers. With this Robert Kahn and Vinton Cerf came up with TCP and ARPANET adopted TCP. Then researchers(MIT, NDRE, USC-ISI, University College London, others) then began creation of the network of networks. Then in 1990, Tim Berners-Lee created the WWW. Robert Kahn is now 78, Cerf is now a researcher for Google, and Tim Berners-Lee is the founders chair at the MIT as well as the director of W3C.

2. How many hosts were connected in the first iteration of the Internet? 2a. What was the first “killer application” network application? Research this, what is wanted is the application that ran on the first version of the Internet.

There was 20 computers on the first iteration of the internet. The first “killer app” for the web was email.

3. a. Who was responsible for creating the TCP/IP protocol? (hint: they wrote a famous protocol paper ) b. What was the name of the paper and what year was it published? Time period: 1980's

Robert Kahn and Vinton Cerf. The paper was called “A Protocol for Packet Network Intercommunication ” published in May 1974.

4. Outline some of the networks created out of the initial networks of the 70's. Were any companies involved? If so, name two or three main ones.

ARPANET which was created by DARPA.

5. When was DNS was created? 5a. Name the year and describe briefly the security incident that affected a large number of hosts on the Internet. It became famous in Computer Security history and helped promote computer security. 5b. Who is Richard Stallman and what did he create that affects popular software used today? Skip ahead to the 1990's and Beyond

DNS was created in 1985. 2008 is when the famous security incident happened. Richard Stallman is a free software advocate. He started the GNU project and the Free Software Foundation. Basically an internet hippy, that we should all thank.

6. Who invented the WWW? Where did he work?

Tim Berners-Lee, worked at CERN.

7. What was the first popular graphical browser? Who invented it?

Mosaic, was invented by Marc Andreessen and Eric Bina.

8. What company was created around the first popular graphical browser?

NCSA

9. When did the number of hosts connected to the Internet break 1,000,000?

1992.

10. Who was responsible for creating Yahoo? Where are they now?

David Filo and Jerry Yang. Yang is a partner at AME Could Ventures.

11. Who developed Napster? What controversy surrounded Napster?

Sean Parker, Shawn Fanning, John Fanning, controversy was copyright violations.

12. Who developed BitTorrent? How does BitTorrent work? Briefly.

Bram Cohen. P2P network is how it works.

13. When did a massive denial of service attack get launched against major web sites, including Yahoo, Amazon, and eBay?

1997.

14. When did Google begin? Who started it?

1998. Larry Page, and Sergey Brin.

15. Name the controversial Internet discussion a few years ago where all packets on the Internet have equal access to the "wires". Where is the discussion currently and who are the active players in promoting this idea? Which government agency is involved with this decision?

Net Neutrality. The discussion is everywhere, active pushing for this are basically everyone that is not an ISP or garbage politician.

16. Name and briefly describe recent (over last 4 years) attempts at Network Censorship in the US. Name the bill(s) and describe what they are proposing.

CISPA - network security, and USITC - the blocking of certain IP's.