



1.1.5 Compare and contrast the Internet and the World Wide Web

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Resources:



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- <https://www.lifewire.com/difference-between-the-internet-and-the-web-2483335>
 - http://www.webopedia.com/DidYouKnow/Internet/Web_vs_Internet.asp
 - http://www.diffen.com/difference/Internet_vs_World_Wide_Web

Internet



- The Internet is a massive network of networks, a networking infrastructure.
- Born in the 1960s under the name ARPAnet as an experiment in how the U.S. military could maintain communications in the case of a possible nuclear strike.
- Advanced Research Projects Agency Network (ARPAnet).
- It connects millions of computers together globally, forming a network in which any computer can communicate with any other computer as long as they are both connected to the Internet.
- No single entity owns the internet. No single government has authority over its operations.



World Wide Web

- The World Wide Web is a way of accessing information over the medium of the Internet. The Web uses the HTTP protocol, only one of the languages spoken over the Internet.
- The World Wide Web was born in 1989. The web was built by research physicists so they could share their research findings with each other's computers.
- Web services, which use HTTP to allow applications to communicate in order to exchange business logic, use the Web to share information.
- Today, the web has evolved into the greatest collection of human knowledge in history.

Internet vs World Wide Web

- The World Wide Web is a collection of web pages following the http protocol that can be accessed via the Internet from any part of the world.
- The http protocol is a kind of language that is used on the Internet in order to transfer data and communicate.
- This is an application used on the Internet and all pages that are part of the World Wide Web begin with *http://www* with *www* being an abbreviation for World Wide Web.



Similarities

- They are connected in use; the world wide web is used off the internet.
- They are not the same thing, but are usually referred to as the same thing.
- They both are used for communication.
- They are not government owned and controlled.



Differences



Internet

- 1969, commercial interests began only in 1988
- Network of Computers, copper wires, fiber-optic cables & wireless networks
- Internet Protocol
- Hardware

World Wide Web

- 1993
- Files, folders & documents stored in various computers
- Hyper Text Transfer Protocol
- Software

