

THE INTERNET AND THE WORLD WIDE WEB (WWW)

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DEFINITION OF INTERNET

1

The Internet, also called the Net, is a global computer network made up of thousands of privately and publicly owned computers and networks that grew and interlinked over time into one giant network. In short, the Internet is a network of networks

HOW IT WORKS

2

WAYS OF ACCESSING THE INTERNET

COMPUTERS

SMARTPHONE

TYPES OF INTERNET ACCESS

Type	Price Range per Month	Speed of Access (receiving data)	Advantages	Disadvantages
Dial-up	\$5 to \$20	Slow: 56 kilobits per second (Kbps)	Availability Low user cost	Slow speed
DSL	\$10 to \$30	Average: 1.5 megabits per second (Mbps) Maximum: 7+ Mbps	Speed Reliability	Availability High user cost
Cable	\$30 to \$60	Average: 3 Mbps Maximum: 30+ Mbps	Speed Reliability	Availability High user cost
Satellite	\$60 to \$100	Average: 700 Kbps Maximum: 1.5 Mbps	Availability Speed	High user cost Reliability
Fiber-optic service	\$40 to \$140	Average: 15 Mbps Maximum: 50+ Mbps	Speed	Availability High user cost

Difference between THE INTERNET and WWW

The Internet is a global network of networks while *the Web*, also referred formally as World Wide Web (www) is collection of information which is accessed via *the Internet*. Another way to look at this difference is; *the Internet* is infrastructure while *the Web* is service on top of that infrastructure. Alternatively, *the Internet* can be viewed as a big book-store while *the Web* can be viewed as collection of books on that store. At a high level, we can even think of *the Internet* as hardware and *the Web* as software!

ELEMENTS THAT ENABLE WEB CONTENTS TO BE DISPLAYED

New Web page creation software is being developed all the time, and eventually older browser sdon't have the capability of display-ing the newest features or animations. Browsers use plug-ins , which are additional software programs, located on the user's computer, that extend the ability of the browser, usually to enable multimedia features. If a Web site requires a plug-into function or be viewed properly, a pop-up message will appear in newer browsers, indicating which plug-in is needed, with an option to install the plug-in or cancel the installation. There are many kinds of plug-ins, but most Web surfers are probably familiar with one or more of those listed here :

1 - **Acrobat Reader** – allows pdf files to be read, navigated, and printed within a browser window

2 - **Adobe Flash Player** – provides the interface to view Flash scripts, which create animation and sound and are embedded with a Web page, through a browser window

3 - **Adobe Shockwave Player** – is used for interactive games, multimedia, graphics, and streaming audio and video

4 - **Apple QuickTime** – enables movies, animation, music, and virtual reality worlds to be viewed within a browser window

5 - **Real Player** – is used for streaming audio, video, movies, and live video broadcasts

6 - **Windows Media Player** – enablesMP3 and WAV files, movies, live audio, and live video broadcasts

SAFE SURFING PROCEDURS

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- 1 - Use antivirus
- 2 - Use a firewall
- 3 - Strong passwords
- 4 - Be wary of clicking links in email or instant messages
- 5 - Make Online Purchases From Secure Sites

HAZARDS OF THE INTERNET

Cyberstalkers

Bait & Switch

Cyberbullying

Avoiding Malware

Features to look for when evaluating websites and its contents

Who is the author of this page? Is the author affiliated with a recognized institution, such as a university or a well-known company? Is there any evidence that the author is qualified and possesses credentials with respect to this topic?

Does the author reference his or her sources? If so, do they appear to be from recognized and respected publications?

Who is the Web page affiliated with? Who pays for this page? The association between the page server, sponsor and author should be above board. The hosting organization should not be able to exert influence over the information on the site

Is the language objective and dispassionate, or is it strident and argumentative? Is it written in a form and level for the general population?

What is the purpose of this page? Is the author trying to sell something or promote a biased idea? Who would profit if this page's information were accepted as true? Does the site include links to external information, or does it reference only itself?

Does the information appear to be accurate? Is the page free of sweeping generalizations or other signs of shoddy thinking? Do you see many misspellings or grammatical errors that would indicate a poor educational background?

Is this page current? The information should be up to date

RULES OF NETIQUETTE

Keep the
message short

Avoid sarcasm or the use of phrases or words that could
offend the reader

Read the message before sending or posting it, correcting
spelling and grammar mistakes

Do not type in all capital letters as it means
that you are yelling

Avoid sending a
flame

MOST POPULAR INTERNET SERVICES

E-MAIL

AOL
Mail

Google
Mail

Microsoft
Outlook

Instant
Message

AOL
AIM

Google
Talk

Yahoo!
Messenger

Windows Live
Messenger

TYPES OF E-COMMERCE

Business To Business e-commerce

Consumer To Consumer E-Commerce

Buisness To Consumer E-Commerce

THANK YOU