Basics of Computer Science - Internet

Internet is a system that interconnects the different computer systems across the world. It uses the Internet protocol suite to link devices located in different corners of the world.

The Internet system carries an extensive range of information resources and services including World Wide Web (WWW), telephony, electronic mail, etc. It uses standard internet protocols, such as TCP/IP and HTTP, etc.

An internal web comprises of all Hypertext Transfer Protocol (HTTP) nodes on a private network; for example, an organization's LAN or WAN.

Features of Internet

Let us now discuss the features of Internet. The features are described below –

Accessibility

An Internet is a global service and accessible to all. Today, people located in a remote part of an island or interior of Africa can also use Internet.

Easy to Use

The software, which is used to access the Internet (web browser), is designed very simple; therefore, it can be easily learned and used. It is easy to develop.

Interaction with Other Media

Internet service has a high degree of interaction with other media. For example, News and other magazine, publishing houses have extended their business with the help of Internet services.

Low Cost

The development and maintenance cost of Internet service are comparatively low.

Extension of Existing IT Technology

This facilitates the sharing of IT technology by multiple users in organizations and even facilitates other trading partners to use.

Flexibility of Communication

Communication through Internet is flexible enough. It facilitates communication through text, voice, and video too. These services can be availed at both organizational and individual levels.

Security

Last but not the least, Internet facility has to a certain extent helped the security system both at the individual and national level with components such as CCTV camera, etc.

Internet Applications

Internet applications are server-based applications. Following are a few Internet Applications –

- World Wide Web (WWW)

- Electronic mail (e-mail)

- File Transfer Protocol (FTP)

- Telnet (i.e., log-in to the computer located remotely)

- Internet Relay Chat (IRC) (Real time video chatting)

Internet Software

Internet Software comprises of all the tools needed for networking through computer. Following are a few important components of the Internet Software –

- Transmission Control Protocol/ Internet Protocol (TCP/IP)

- Dialer Software

- Interment Browser