

Advantages of networking

1. Data Sharing:- One of the most important uses of networking is to allow the sharing of data. User can send text files, spread sheets, documents, presentations, audio files, video files, etc. to other user.
2. Hardware Sharing:- Hardware components such as printers, scanners, etc. can also be shared.
3. Internet Access Sharing:- We can purchase a single Internet connection and share it among other computers in a networking instead of purchasing multiple Internet connection for each computer.
4. Usage of network based applications such as web browsers, email clients, chat application audio & video calling etc is another advantage.

Getting Access to Internet

To connect computer with internet we need some additional hardware and software. These are as follows:

- ✓ Internet service provider
- ✓ Modem
- ✓ Software (Browser)

Internet Service Provider

A company or organization that provides the access to internet. Access is provided through a modem that connects computer with the service providers internet server.

Modem

A modem is a device that converts digital computer signals into a form analog signals that can travel over phone lines. It also re-convert the analog signals back into digital signals. The word modem is derived from its function Modulator/Demodulator.

Software (Browser)

Web Browsers are the information retrievers. It is a client software that acts as an interface between the user and the inner-working of the internet, specially the world wide web.