



Unit 6.6: Networks

- **Data:** A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.
- **DNS (Domain Name Server):** The system that automatically translates internet addresses to the numeric machine addresses that computers use.
- **Ethernet:** A system for connecting several computer systems to form a local area network.
- **Hosting:** Where a website or other piece of information is stored.
- **Hub\Switch:** The connection point for networks where data packets from many locations converge and are then sent out to different devices.
- **Internet:** A global computer network providing a variety of information and communication facilities consisting of interconnected networks using standardized communication protocols.
- **IP address:** A unique string of characters that identifies each computer using the Internet Protocol to communicate over a network.
- **ISP (Internet Service Provider):** A company that provides subscribers with access to the internet.
- **LAN (Local Area Network):** A computer network that links devices within a building or group of adjacent buildings, especially one with a radius of less than 1 km.
- of adjacent buildings, especially one with a radius of less than 1 km.
- **Network:** Several interconnected computers, machines, or operations.
- **Router:** A device which forwards data packets to the appropriate parts of a computer network.
- **Search engine:** A program that searches for and identifies items in a database that correspond to keywords or characters specified by the user, used especially for finding particular sites on the World Wide Web.
- **WAN (Wide Area Network):** A collection of local-area networks (LANs) or other networks that communicate with one another over a large physical area or even globally.
- **Web Page:** A document on the World Wide Web.
- **Web server:** Software and hardware that uses HTTP (Hypertext Transfer Protocol) and other protocols via the World Wide Web.
- **Website:** a set of related web pages located under a single domain name, typically produced by a single person or organization.

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- **WLAN: (Wireless Local Area Network):** A collection of devices connected together wirelessly in one physical location
- **Wi-Fi:** A facility allowing computers, smartphones, or other devices to connect to the internet or communicate with one another wirelessly within a particular area.
- **World Wide Web:** An information system on the Internet which allows documents to be connected to other documents by hypertext links, enabling the user to search for information by moving from one document to another.