NETWORK

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Overview

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Introducing: NETWORK

Spotlight on what is network

Spotlight on how to use network

Spotlight on what are advantages of network
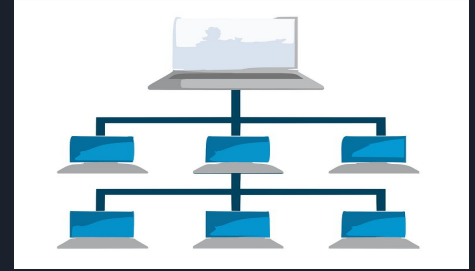
Spotlight on what are disadvantages of network

Overview

Computer networking or data communication is a most important part of the information technology. Today every business in the world needs a computer network for smooth operation, flexibly, instant communication and data access.

Just imagine if there is no network communication in the university campuses, hospitals, multinational organizations and educational institutes then how difficult are to communicate with each other. In this article you will learn the basic overview of a computer network.

Introduction

The greatest breakthrough in technology and communication over the past 20 years has been the development and advancement of the computer network. From emailing a friend to online bill payment to downloading data from the internet to e-commerce, networking has made our world much smaller and forever changed the way we communicate.

Network provides features which have made our life easy and comfortable, be it sending an email, withdrawing money from an ATM, online railway or airline reservation, or sharing audio and video files.

ADVANTAGES OF NETWORK

01 **Resource Sharing** : The primary use of a network is to share among users programs / applications, data and peripheral devices connected to the network, irrespective of their physical location.

02 **Improved communication** : A computer enables fast, reliable and secure communication between users. It saves time and offers easy communication methods.

03 Reduced communication cost : Sharing resources also reduces communication cost. Using public networks, we can send a large quantity of data at a low cost. Internet and mobile networks playing a very important role in sending and receiving text, image , audio and video data at low cost.

DISADVANTAGES OF NETWORK

01 High cost of set - up and maintenance : It is difficult to set up a large network as the systems on a network are sophisticated and complex to run. Even cabling and equipment may cost a lot. In addition to this, maintenance cost may also be very high for large networks.

02 Thread to data security: Unauthorized access to steal or corrupt data, computer viruses, worms, malware, phishing, ect., are some of the threats to network security.

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