

**data communication and networking pdf**

DATA COMMUNICATIONS AND NETWORKING Second Edition Behrouz A. Forouzan DeAnza College with Catherine Coombs and Sophia Chung Fegan Boston Burr Ridge, IL Dubuque, IA Madison, WI New York San Francisco St

**DATA COMMUNICATIONS AND NETWORKING**

Data Communication and Computer Network 6 WAN may use advanced technologies such as Asynchronous Transfer Mode (ATM), Frame Relay, and Synchronous Optical Network (SONET). WAN may be managed by multiple administration. Internetwork A network of networks is called an internetwork, or simply the internet. It is the

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Data communication and terminal equipment 1.7. Data Representation Data representation is defined as the methods used to represent information in computers.

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Data Communication and Computer Networks Page 3 1. Message. The message is the information (data) to be communicated. Popular forms of information include text, numbers, pictures, audio, and video. 2. Sender. The sender is the device that sends the data message. It can be a computer, workstation, telephone handset, video camera, and so on. 3 ...

**DATA COMMUNICATION AND COMPUTER NETWORKS**

Basics of Data Communication and Computer Networking :: 35 1. Transmitter 2. Receiver 3. Medium 4. Message 5. Protocol The transmitter sends the message and the receiver receives the message. The medium is the channel over which the message is sent and the protocol is the set of rules that guides how

the data is transmitted from encoding to ...

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1 1 Data Communications & Computer Networks Chapter 2 Protocols and Architecture Fall 2008 Agenda  
Protocol architecture  
The Layered network Model  
The OSI reference model  
Layers of OSI  
The TCP/IP model  
Layers of TCP/IP  
Comparison between OSI and TCP/IP models

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### **Lecture Notes | Data Communication Networks | Electrical**

Data communications refers to the exchange of this digital data between two or more device via some form of transmission medium such as a wire cable. A computer network is a telecommunications network that allows computers to exchange data. - Data Communication and Computer Network, DCCN Study Materials. Similar Links:

### **Data Communication and Computer Network - DCCN Study**

Data Communications and Networking is designed to help students understand the basics of data communications and networking, and the protocols used in the Internet in particular by using the protocol layering of the Internet and TCP/IP protocol suite. Technologies related to data communication and networking may be the fastest growing in today's culture.

### **Data Communications and Networking: Behrouz A. Forouzan**

Introduction to Computer Networks and Data Communications Learning Objectives

- Define the basic terminology of computer networks
- Recognize the individual components of the big picture of computer networks
- Outline the basic network configurations
- Cite the reasons for using a network model and how those reasons apply to current network systems

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