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Local Area Networks (LAN) and Wide Area Networks (WAN)
...

Understanding Local Area Networks - Networking Fundamentals

Understanding Local Area Networks A Practical Approach

Local area networks—The smallest office network is referred to as a local area network (LAN). A LAN is formed from computers and components in a single office or building.

Understanding Local Area Networks: Learn about local area networks (LANs) including network devices, data transfer, and types of LANs. Explore network topologies and access methods. Compare peer-to-peer and client/server network models. Defining Networks with the OSI Model. Get to know the OSI model, and explore switches.

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TCP/IP was originally developed for Unix networks and is the protocol of the Internet and most local-area networks. Ethernet is a low-level protocol that spells out the electrical characteristics of the network hardware used by most local-area networks.

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Understanding LANs. A local-area network is a common type of network found in home offices, small businesses, and large enterprises. Understanding how a LAN functions, including network components, frames, Ethernet addresses, and operational charac-

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local area network (LAN): A local area network (LAN) is a group of computers and associated devices that share a common communications line or wireless link to a server. Typically, a LAN encompasses computers and peripherals connected to a server within a distinct geographic area such as an office or a commercial establishment. Computers and ...

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Wireless Local Area Network: A LAN based on Wi-Fi wireless network technology.; Metropolitan Area Network: A network spanning a physical area larger than a LAN but smaller than a WAN, such as a city.A MAN is typically owned and operated by a single entity such as a government body or large corporation.

LANs, WANs, and Other Area Networks Explained

Local Area Network or known as LAN, is a series of devices and computers under a certain location. These computers/devices connect to the local area network with a use of wireless network or Ethernet cable. Both office and home settings may have a LAN connection. If computers, tablets, routers, or wireless printers connect via a wireless connection, then they are part of a LAN.

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A local area network (LAN) is a collection of devices connected together in one physical location, such as a building, office, or home. A LAN can be small or large, ranging from a home network with one user to an enterprise network with thousands of users and devices in an office or school.

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