

# Quizlet

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## Technology in Action - Chapter 12

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### STUDY



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### Key concepts:

Brute Force Attack

Client Server Network

Wireless Access Points

## Terms in this set (45)

A \_\_\_\_\_ is a group of two or more computers or nodes, designed to share information and resources

- a) bus
- b) network
- c) router
- d) bridge

network



A \_\_\_\_\_ network can contain servers as well as individual computers.

- a) client/server
- b) switch
- c) peer-to-peer
- d) distributed

client/server



In a \_\_\_\_\_ network, each node connected to the network communicates directly with every other node.

- a) bridge
- b) peer-to-peer
- c) router
- d) client/server

peer-to-peer



The computers in a lab on a floor of a building would be connected using a \_\_\_\_.

- a) LAN
- b) WAN
- c) PAN
- d) MAN

LAN



A \_\_\_\_ uses the internet communications infrastructure to build a secure and private network

- a) PAN
- b) WAN
- c) HAN
- d) VPN

VPN



A(n) \_\_\_\_ server tracks who is logging on to the network as well as which services on the network are available to each user.

- a) authentication
- b) file
- c) dedicated
- d) application

authentication



A(n) \_\_\_\_ server is a

file



server that stores and manages files for network users.

- a) print
- b) file
- c) database
- d) e-mail

A print server uses a print \_\_\_\_\_ as a software holding area for jobs waiting to be printed.

- a) heap
- b) spooler
- c) stack
- d) logger

spooler



Which of the following is NOT a common network topology?

- a) Cluster
- b) Ring
- c) Linear bus
- d) Star

Cluster



A \_\_\_\_\_ is a set of rules for how information and communication are exchanged.

- a) frame
- b) protocol

protocol



- c) packet
- d) token

Ring networks use the \_\_\_\_\_ method to avoid data collisions.

- a) active-check
- b) packet screening
- c) token
- d) passive-check

token



The ends of the cable in a bus network use a(n) \_\_\_\_\_ to absorb signals so that they are not reflected back to network components that have already received the signals

- a) terminator
- b) stopper
- c) endcap
- d) block

terminator



In a \_\_\_\_\_ network, data collisions can occur fairly easily because the network is essentially composed of a single cable

- a) Star

Bus



- b) Bus
- c) Hierarchical
- d) Cluster

Which of the following is the most commonly used client/server network topology?

Star



- a) Ring
- b) Cluster
- c) Star
- d) Hierarchical

In an Ethernet network, the signal that is sent to indicate a signal collision is called a \_\_\_\_\_ signal.

jam



- a) stop
- b) hit
- c) crash
- d) jam

A \_\_\_\_\_ topology uses more than one topology when building a network.

hybrid



- a) hybrid
- b) fusion
- c) crossover
- d) multiple-use

\_\_\_\_\_ is the amount of

Bandwidth



data that can be transmitted across a transmission medium in a certain amount of time.

- a) Scalability
- b) Bandwidth
- c) Infusion
- d) Data capacity

Which of the following is NOT a factor to consider when selecting network cabling?

- a) Cable diameter
- b) Bandwidth
- c) Maximum run length
- d) Interference

Cable diameter



\_\_\_\_\_ cable is NOT subject to electromagnetic interference or radio frequency interference.

- a) Fibre-optic
- b) Polycarbonate
- c) Twisted-pair
- d) Coaxial

Fibre-optic



For business networks, which of the following is NOT a main cable type?

- a) Fibre-optic

Duplex



- b) Duplex
- c) Twisted-pair
- d) Coaxial

Most home networks use \_\_\_\_\_ cable, which is most susceptible to interference.

- a) coaxial
- b) fiber-optic
- c) wi-fi
- d) unshielded twisted-pair

unshielded twisted-pair



\_\_\_\_\_ is the standard communications protocol used on most client/server networks.

- a) TCP/IP
- b) Ethernet
- c) VPN
- d) NOS

Ethernet



The physical address assigned to each network adapter is called its \_\_\_\_\_.

- a) network access control (NAC)
- b) physical address control (PAC)
- c) media access control

media access control (MAC)





(MAC)  
d) network physical  
address (NPA)

A(n) \_\_\_\_ address is the  
address that external  
entities use when  
communicating with your  
network

- a) IP
- b) WAP
- c) ALU
- d) MAC

IP



A \_\_\_\_ sends data from  
one collision domain to  
another.

- a) link
- b) switch
- c) bridge
- d) router

bridge



A \_\_\_\_ sends data  
between two networks

- a) router
- b) switch
- c) repeater
- d) hub

router



A \_\_\_\_ keeps your  
computer safe by

firewall



determining who is trying to access it.

- a) switch
- b) hub
- c) firewall
- d) gateway

Packet \_\_\_\_\_ is a form of protection from your computer that looks at each packet that comes into your computer network.

- a) scanning
- b) sniffing
- c) viewing
- d) screening

screening



A(n) \_\_\_\_\_ server is a heavily secured server located between a company's secure internal network and its firewall.

- a) transitional
- b) proxy
- c) armoured
- d) bastion host

bastion host



Configuring an account to disable itself after a set number of login attempts using invalid

brute force attack



passwords is a method of countering a \_\_\_\_\_.

- a) worm
- b) spammer
- c) Trojan horse
- d) brute force attack

P2P networks become difficult to manage when they exceed five users.

True or False?

False



In a client/server network, each network node communicates directly with every other node on the network.

True or False?

False



An international company like Microsoft would use a MAN to connect all of its computers.

True or False?

False (Microsoft is a strong independent woman who don't need no MAN)



Data flows in both directions in a ring network.

False



True or False?

In an active topology, each node helps move data through a network.

True



True or False?

Transmission media comprise the physical system that data take to flow between devices on the network.

True



True or False?

Since data transmissions can pass through fibre-optic cable in only one direction, at least two fibres are required to enable transmission of data in both directions.

True



True or False?

Crosstalk interference is the tendency of signals on one twisted-pair wire to interfere with signals on the wire next to it.

True



True or False?

Wireless access points can provide coverage wherever employees are working with portable devices, such as in conference rooms.

True or False?

True



MAC addresses are restricted to Macintosh computers.

True or False?

False



MAC addresses and IP addresses are the same thing.

True or False?

False



A bridge sends information between two networks.

True or False?

False



A phishing attack is an attempt to access an account by repeatedly trying different passwords.

True or False?

False



Worms often try to disguise from where they are sending data by using bogus IP addresses instead of using an authorized IP address belonging to the network.

True or False?

False



A facial-recognition scanner is an example of a biometric authentication device.

True or False?

True



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