

Technology In Action, Complete, 14e (Evans et al.)

Chapter 12 Behind the Scenes: Networking and Security in the Business World

- 1) A _____ is a group of two or more computers, or nodes, configured to share information and resources.
 - A) router
 - B) bus
 - C) bridge
 - D) network

- 2) A _____ network can contain servers as well as individual computers.
 - A) client/server
 - B) peer-to-peer
 - C) switch
 - D) star

- 3) In a _____ network, each node connected to the network communicates directly with every other node.
 - A) client/server
 - B) peer-to-peer
 - C) router
 - D) bridge

- 4) The computers in a lab on a floor of a building would be connected using a _____.
 - A) WAN
 - B) LAN
 - C) MAN
 - D) PAN

- 5) A _____ uses the Internet communications infrastructure to build a secure and private network.
 - A) PAN
 - B) WAN
 - C) VPN
 - D) HAN

- 6) 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) application
 - B) authentication
 - C) dedicated
 - D) file

- 7) A(n) _____ server is a server that stores and manages files for network users.
- A) file
 - B) e-mail
 - C) print
 - D) database
- 8) A print server uses a print _____ as a software holding area for jobs waiting to be printed.
- A) stack
 - B) spooler
 - C) logger
 - D) heap
- 9) Which of the following is NOT a common network topology?
- A) Star
 - B) Cluster
 - C) Linear bus
 - D) Ring
- 10) A network _____ is a set of rules for how information and communications are exchanged.
- A) protocol
 - B) token
 - C) frame
 - D) packet
- 11) Ring networks use the _____ method to avoid data collisions.
- A) packet screening
 - B) active-check
 - C) token
 - D) passive-check
- 12) 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) endcap
 - B) terminator
 - C) stopper
 - D) block
- 13) In a _____ network, data collisions can occur fairly easily because the network is essentially composed of a single cable.
- A) star
 - B) bus
 - C) hierarchical
 - D) cluster

- 14) Which of the following is the most commonly used client/server network topology?
A) Star
B) Cluster
C) Ring
D) Hierarchical
- 15) In an Ethernet network, the signal that is sent to indicate a signal collision is called a _____ signal.
A) hit
B) crash
C) stop
D) jam
- 16) A _____ topology uses more than one topology when building a network.
A) hybrid
B) multiple-use
C) fusion
D) crossover
- 17) _____ is the amount of data that can be transmitted across a transmission medium measured in bits per second.
A) Data capacity
B) Scalability
C) Bandwidth
D) Infusion
- 18) Which of the following is NOT a factor to consider when selecting network cabling?
A) Cable diameter
B) Interference
C) Maximum run length
D) Bandwidth
- 19) _____ cable is NOT subject to electromagnetic interference or radio frequency interference.
A) Twisted-pair
B) Fiber-optic
C) Polycarbonate
D) Coaxial
- 20) For business networks, which of the following is NOT one of the main cable types?
A) Twisted-pair
B) Polyvinyl
C) Coaxial
D) Fiber-optic

21) Most wired home networks use _____ cable, which is most susceptible to interference.

- A) fiber-optic
- B) unshielded twisted-pair
- C) Wi-Fi
- D) coaxial

22) _____ is the standard communications protocol used on most client/server networks.

- A) Ethernet
- B) NOS
- C) Mac
- D) VPN

23) The physical address assigned to each network adapter is called its _____ address.

- A) network access control (NAC)
- B) physical address control (PAC)
- C) network physical address (NPA)
- D) media access control (MAC)

24) A(n) _____ address is the address that external entities use when communicating with your network.

- A) ALU
- B) MAC
- C) WAP
- D) IP

25) A _____ sends data from one collision domain to another.

- A) switch
- B) bridge
- C) link
- D) router

26) A _____ sends information between two networks.

- A) repeater
- B) switch
- C) bridge
- D) router

27) A _____ keeps your computer safe by determining who is trying to access it.

- A) gateway
- B) firewall
- C) hub
- D) switch

28) Packet _____ is a form of protection for your computer that looks at each packet that comes into your computer network.

- A) viewing
- B) examination
- C) scanning
- D) screening

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

- A) transitional
- B) iron-clad
- C) bastion host
- D) proxy

30) Configuring an account to disable itself after a set number of login attempts using invalid passwords is a method of countering a _____.

- A) brute force attack
- B) spammer
- C) worm
- D) Trojan horse

31) Cars often have _____ networks.

- A) Wi-Fi and Bluetooth
- B) ROVER-5 and ethernet
- C) IPv7 and IPv6
- D) Exhaust and fuel injection