

# [Chapter 7 mis](https://assignbuster.com/chapter-7-mis/)

The 802. 11 set of standards is known as
WLAN.
WAN.
WSN.
Wi-Fi.
WiMax. Wi-Fi. More than 50% of U. S. Internet users access the Internet via mobile devices.
True
FalseTrueA(n) \_\_\_\_\_\_\_\_ is a device that forwards packets of data through different networks, ensuring that the data gets to the right address.
telnet
hub
modem
router
packetrouterWhich of the following is not a characteristic of packet switching?
Packets include data for checking transmission errors.
Packets travel independently of each other.
Packets are reassembled into the original message when they reach their destinations.
Packet switching requires point-to-point circuits.
Packets are routed through many different paths. Packet switching requires point-to-point circuits. A(n) \_\_\_\_\_\_\_\_ is a commercial organization with a permanent connection to the Internet that sells temporary connections to retail subscribers.
RSS
FTP
NFP
WAN
ISPISPIPv6 is being developed in order to
allow for different levels of service.
update the packet transmission protocols for higher bandwidth.
create more IP addresses.
support Internet2.
reduce excess IP addresses. create more IP addresses. The most appropriate wireless networking standard for creating PANs is
Wi-Fi.
I-mode.
RFID.
IEEE 802. 11b.
Bluetooth. Bluetooth. Which of the following statements about RFID is not true?
RFID tags and antennas come in a variety of shapes and sizes.
RFIDs require line-of-sight contact to be read.
RFIDs transmit only over a short range.
RFIDs use an antenna to transmit data.
Microchips embedded in RFIDs are used to store data. RFIDs require line-of-sight contact to be read. The Internet is based on which three key technologies?
TCP/IP, HTML, and HTTP
client/server computing, packet switching, and the development of communications standards for linking networks and computers
TCP/IP, HTTP, and packet switching
client/server computing, packet switching, and HTTP
e-mail, instant messaging, and newsgroupsclient/server computing, packet switching, and the development of communications standards for linking networks and computersThe WiMax standard can transmit up to a distance of approximately
70 miles.
30 miles.
500 meters.
5 miles.
30 meters. 30 miles. A computer network consists of at least three computers.
True
FalseFalseCoaxial cable is similar to that used for cable television and consists of thickly insulated copper wire.
True
FalseTrueAn NOS must reside on a dedicated server computer in order to manage a network.
True
FalseFalseTCP/IP was developed in the 1960s to enable university scientists to locate other computers on the Internet.
True
FalseFalseA network that covers entire geographical regions is most commonly referred to as a(n)
wide area network.
MAN.
intranet.
local area network.
peer-to-peer network. wide area network. Digital subscriber lines
are assigned to every computer on the Internet.
are very-high-speed data lines typically leased from long-distance telephone companies.
operate over existing telephone lines to carry voice, data, and video.
operate over coaxial cable lines to deliver Internet access.
have up to twenty-four 64-Kbps channels. operate over existing telephone lines to carry voice, data, and video. Bluetooth can be used to link up to \_\_\_\_\_\_\_\_ devices within a 10-meter area using low-power, radio-based communication.
eight
five
twenty
two
fifteeneightShopping bots use \_\_\_\_\_\_\_\_ software for searching the Internet.
comparison
Web 3. 0
SEO
intelligent agent
Web 2. 0intelligent agentA(n) \_\_\_\_\_\_\_\_ signal is a discrete, binary waveform that transmits data coded into two discrete states such as 1-bits and 0-bits.
analog
digital
T1
broadband
modulateddigitalThe concept of a future Web in which it is commonplace for everyday objects to be connected, controlled or monitored over the Internet is called
the Semantic Web.
a 3-D Web.
Internet2.
the Internet of things.
Web 2. 0. the Internet of things. T1 lines
are high-speed, leased data lines providing guaranteed service levels.
operate over coaxial lines to deliver Internet access.
have up to twenty-four 64-Kbps channels.
operate over existing telephone lines to carry voice, data, and video.
do not provide guaranteed service levels, but simply " best effort." are high-speed, leased data lines providing guaranteed service levels. A VPN
provides secure, encrypted communications using Telnet.
is an Internet-based service for delivering voice communications.
is a proprietary networking service technology developed by individual corporations.
is an encrypted private network configured within a public network.
is more expensive than a dedicated network. is an encrypted private network configured within a public network. Fiber-optic cable is more expensive and harder to install than wire media.
True
FalseTrue

The child domain of the root is the

second-level domain.
mid-tier domain.
host name.
domain extension.
top-level domain.

top-level domain. All of the following are physical components of an RFID system except
radio transmitters.
tags.
bar code.
a stationary or handheld device.
antenna. bar code. The method of slicing digital messages into parcels, transmitting them along different communication paths, and reassembling them at their destinations is called
ATM.
multiplexing.
packet shifting.
packet routing.
packet switching. packet switching." Predictive search" in Google's search engine
uses a knowledge graph of what similar people searched on to predict your search interests.
uses a semantic approach to predict what you are looking for.
predicts what you are looking for as you enter words into the query box.
uses a tracking service and cookies on your browser to predict search results.
maintains a history of your searches and then predicts what you will search on next. predicts what you are looking for as you enter words into the query box. \_\_\_\_\_\_\_\_ integrate disparate channels for voice communications, data communications, instant messaging, e-mail, and electronic conferencing into a single experience.
Unified communications
Modems
Virtual private networks
Wireless networks
IntranetsUnified communicationsIn the domain name " http://books. azimuth-interactive. com", which element is the second-level domain?
none; there is no second-level domain in this name
azimuth-interactive
books. azimuth-interactive
com
booksazimuth-interactiveWhat service converts IP addresses into more recognizable alphanumeric names?
HTML
DNS
FTP
HTTP
IPDNSWhich of the following statements is not true about search engines?
Users are increasingly using search engines on mobile devices.
They are monetized almost exclusively by search engine marketing.
There are hundreds of search engines vying for user attention, with no clear leader having yet emerged.
They are arguably the Internet's " killer app."
They have solved the problem of how users instantly find information on the Internet. There are hundreds of search engines vying for user attention, with no clear leader having yet emerged. Which type of network would be most appropriate for a business that comprised three employees and a manager located in the same office space, whose primary need is to share documents?
SAN
domain-based LAN
MAN
WAN
peer-to-peer networkpeer-to-peer networkWhich signal types are represented by a continuous waveform?
analog
RFID
laser
digital
opticalanalogWeb 3. 0 is an effort to add a layer of meaning to the existing Web in order to reduce the amount of human involvement in searching for and processing Web information.
True
FalseTrueCircuit switching makes much more efficient use of the communications capacity of a network than does packet switching.
True
FalseFalseWeb browser software requests Web pages from the Internet using which protocol?
FTP
HTTP
DNS
URL
HTMLHTTPVoIP technology delivers voice information in digital form using packet switching.
True
FalseTrue\_\_\_\_\_\_\_\_ monetizes the value of the data stored by search engines.
Search engine marketing
TCP/IP
WiMax
Wireless sensor networks
RSSSearch engine marketingWhich process is used to protect transmitted data in a VPN?
VOIP
chaining
PPP
tunneling
packet-switchingtunnelingRFID technology is being gradually replaced by less costly technologies such as WSNs.
True
FalseFalseBandwidth is the
number of cycles per second that can be sent through a medium.
geographical distance spanned by a network.
number of frequencies that can be broadcast through a medium.
difference between the highest and lowest frequencies that can be accommodated on a single channel.
total number of bytes that can be sent through a medium per second. difference between the highest and lowest frequencies that can be accommodated on a single channel. Mobile search makes up at least 50% of all Internet searches.
True
FalseTrueIn a client/server network, a network server provides every connected client with an address so it can be found by others on the network.
True
FalseTrueIn a large company today, you will often find an infrastructure that includes hundreds of small LANs linked to each other as well as to corporate-wide networks.
True
FalseTrueTogether, a protocol prefix, a domain name, a directory path, and a document name, are called a(n)
uniform resource locator.
IP address.
child domain.
root domain.
third-level domain. uniform resource locator. Which protocol is the Internet based on?
HTTP
FTP
DNS
packet-switching
TCP/IPTCP/IPWhich digital cellular standard is used widely throughout the world except the United States?
WLAN
4G
CDMA
GSM
LTDGSMA(n) \_\_\_\_\_\_\_\_ is software for locating and managing stored Web pages.
net server
hub
Web server
modem
routerWeb serverThe total amount of digital information that can be transmitted through any telecommunications medium is measured in
Hertz.
bps.
baud.
gigaflops.
RPMs. bps. Which type of network is used to connect digital devices within a half-mile or 500-meter radius?
LAN
Wi-Fi
SAN
MAN
WANLANWhat are the four layers of the TCP/IP reference model?
application, hardware, Internet, and network interface
physical, application, Internet, and network interface
application, transport, Internet, and network interface
physical, application, transport, and network interface
software, hardware, network interface, Internetapplication, transport, Internet, and network interfaceWhich of the following is the first generation of cellular systems suitable for watching videos?
2G
2. 5G
3. 5G
4G
3G4GCentral large mainframe computing has largely replaced client/server computing.
True
FalseFalseA hub is a networking device that connects network components and is used to filter and forward data to specified destinations on the network.
True
FalseFalseTelephone networks are fundamentally different from computer networks.
True
FalseTrueA network that spans a city, and sometimes its major suburbs as well, is called a
LAN.
WSN.
MAN.
WAN.
CAN. MAN. \_\_\_\_\_\_\_\_ combine the functionality of a cell phone with the computing of a laptop.
Netbooks
Smartphones
E-readers
Tablets
iPodsSmartphones4G networks use which standards?
LTE and WiMax
T-Mobile and AT&T
GSM and LTD
CDMA and PAN
LTE and LTDLTE and WiMaxThe most common Web server today is
WebSTAR.
Apache HTTP Server.
Netscape Server.
Microsoft IIS.
IBM HTTP Server. Apache HTTP Server. In a telecommunications network architecture, a protocol is
a device that handles the switching of voice and data in a local area network.
a communications service for microcomputer users.
a pathway through which packets are routed.
a standard set of rules and procedures for control of communications in a network.
the main computer in a telecommunications network. a standard set of rules and procedures for control of communications in a network. The backbone networks of the Internet are typically owned by long-distance telephone companies called
backbone providers.
enhanced service providers.
network service providers.
regional network providers.
internet bulk providers. network service providers. The process of employing techniques to help a Web site achieve a higher ranking with the major search engines is called
VPN.
SEM.
RSS.
SEO.
IAB. SEO. To use the analog telephone system for sending digital data, you must also use
a router.
DSL.
a modem.
twisted wire.
TCP/IP. a modem. In TCP/IP, IP is responsible for
disassembling and reassembling of packets during transmission.
moving packets over the network.
establishing an Internet connection between two computers.
breaking messages down into packets.
sequencing the transfer of packets. disassembling and reassembling of packets during transmission. Wikis allow visitors to change or add to the original posted material.
True
FalseTrueA(n) \_\_\_\_\_\_\_\_ is a box consisting of a radio receiver/transmitter and antennas that links to a wired network, router, or hub.
WiMax receiver
RFID receiver
hotspot
access point
hubaccess pointThe Domain Name System (DNS) converts domain names to IP addresses.
True
FalseTrueThe device that acts as a connection point between computers and can filter and forward data to a specified destination is called a(n)
modem.
hub.
switch.
NIC.
router. switch. One or more access points positioned on a ceiling, wall, or other strategic spot in a public place to provide maximum wireless coverage for a specific area are referred to as
wireless hubs.
hotspots.
touch points.
hot points.
netcenters. hotspots. Two computers using TCP/IP can communicate even if they are based on different hardware and software platforms.
True
FalseTrueInstant messaging is a type of \_\_\_\_\_\_\_\_ service.
network
wireless
chat
e-mail
cellularchatThe number of cycles per second that can be sent through any telecommunications medium is measured in kilobytes.
True
FalseFalseWhich organization helps define the overall structure of the Internet?
IAB
W3C
none (no one " owns" the Internet)
The Department of Commerce (U. S.)
ICANNIABWhat technology allows people to have content pulled from Web sites and fed automatically to their computers?
FTP
IPv6
RSS
HTTP
BluetoothRSSWhich of the following is not one of the top five search engines?
Yahoo
Microsoft Bing
Google
Ask
FacebookFacebookThe telephone system is an example of a \_\_\_\_\_\_\_\_ network.
peer-to-peer
wireless
circuit-switched
client/server
packet-switchedcircuit-switchedBased on your reading of the examples in the chapter, what would be the best use of RFID for a business?
lowering network costs
improving employee engagement
managing the supply chain
logging transactions
enabling client communicationmanaging the supply chainWeb sites that enable users to share information, collaborate, and create new services and content are called \_\_\_\_\_\_\_\_ sites.
second generation
mashup
first generation
third generation
new wavesecond generationWhich type of network treats all processors equally and allows peripheral devices to be shared without going to a separate server?
wireless
peer-to-peer
MAN
LAN
Windows domain networkpeer-to-peer ONCHAPTER 7 MIS SPECIFICALLY FOR YOUFOR ONLY$13. 90/PAGEOrder Now