Microsoft

Exam Questions 98-366

MTA Networking Fundamentals

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NEW QUESTION 1
Your home computer is having problems accessing the Internet.
You suspect that your Internet router's DHCP service is not functioning, so you check your computer's IP address.
Which address indicates that your router's DHCP service is NOT functioning?

A. 169.254.1.15
B. 172.16.1.15
C. 192.168.1.15
D. 10.19.1.15

Answer: B

NEW QUESTION 2
What type of DNS record maps host names to addresses?

A. Mail Exchanger (MX) DNS record
B. Service (SRV) DNS record
C. Host (A) DNS record
D. Canonical (CNAME) DNS record

Answer: C

NEW QUESTION 3
This question requires that you evaluate the underlined text to determine if it is correct.
Each IPv4 address consists of a MAC address and data-link laver address.
Select the correct answer if the underlined text does not make the statement correct. Select "No change is needed" if the underlined text makes the statement correct.

A. Network ID and a host ID
B. DNS record and a default route
C. 64-bit binary number divided into octets
D. No change is needed

Answer: A

NEW QUESTION 4
Which command is used to verify that a server is connected to the network?

A. IPCONFIG
B. ROUTE
C. PING
D. CHECK

Answer: C

NEW QUESTION 5
Which of the following determines the media access method that is used in a network?

A. Number of hosts connected to the network
B. Number of domain servers on the segment
C. Maximum speed of the media
D. Topology and protocols

Answer: D

NEW QUESTION 6
In which OSI layer does routing occur?

A. Transport
B. Network
C. Data Link
D. Physical

Answer: B

NEW QUESTION 7
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
Dynamic Routing provides the ability to add networks automatically by learning them from other RIP routers.	○	○
Dynamic Routing provides the ability to automatically remove routes from the routing table when other RIP neighbors delete them.	○	○
Dynamic Routing provides the ability to select the best route based on routing metrics.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
Dynamic Routing provides the ability to add networks automatically by learning them from other RIP routers.	⊡ ○	○
Dynamic Routing provides the ability to automatically remove routes from the routing table when other RIP neighbors delete them.	⊡ ○	○
Dynamic Routing provides the ability to select the best route based on routing metrics.	⊡ ○	○

NEW QUESTION 8
This question requires that you evaluate the underlined text to determine if it is correct.
Every router today is TCP/IP enabled, which is an industry-standard protocol that you use on the Internet and for local addressing.
Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. HTTP
B. FTP
C. SNMP
D. No change is needed

Answer: D

NEW QUESTION 9
The service that resolves fully qualified domain names (FQDN) to IP addresses is:

A. Windows Internet Name Service (WINS).
B. Domain Name Service (DNS).
C. Internet Service Provider (ISP).
D. Address Resolution Protocol (ARP).

Answer: B

NEW QUESTION 10
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
An IPv4 address consists of 64 bits.	○	○
It is standard practice to divide the binary bits of an IPv4 address into 8-bit fields named octets.	○	○
The value of any IPv4 octet can be from 0 to 256.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
An IPv4 address consists of 64 bits.	○	**☑**
It is standard practice to divide the binary bits of an IPv4 address into 8-bit fields named octets.	**☑**	○
The value of any IPv4 octet can be from 0 to 256.	○	**☑**

NEW QUESTION 10
Which network does the IP address 220.100.100.100 belong to?

A. 220.100.100.0/24
B. 220.100.100.1/24
C. 255.255.255.0/24
D. 255.255.255.1/24

Answer: A

NEW QUESTION 13
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
A switch sends unicast packets to one destination port only.	○	○
A switch floods ports if it does not know where to send a packet.	○	○
A switch sends broadcast packets to the uplink port only.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
A switch sends unicast packets to one destination port only.	◉	○
A switch floods ports if it does not know where to send a packet.	◉	○
A switch sends broadcast packets to the uplink port only.	○	◉

NEW QUESTION 17
Which Microsoft network service can you use to establish a connection to a corporate LAN without any user action?

A. VPN
B. Remote Desktop
C. DirectAccess
D. Nap

Answer: A

NEW QUESTION 19
DRAG DROP
Match the IPv4 address type to the corresponding definition.
To answer, drag the appropriate definition from the column on the left to the address type on the right. Each definition may be used once, more than once, or not at all. Each correct match is worth one point.

Definitions

assigned to a single network interface located on a specific subnet on the network and used for one-to-one communications

assigned to the variable portion of an IPv4 address that is used to identify a network node's interface on a subnet

assigned to one or more network interfaces located on various subnets on the network and used for one-to-many communications

assigned to all network interface located on a subnet on the network and used for one-to-everyone-on-a-subnet communications

Answer Area

Multicast	Definition
Broadcast	Definition
Unicast	Definition

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Definitions	Answer Area	
assigned to a single network interface located on a specific subnet on the network and used for one-to-one communications	Multicast	assigned to one or more network interfaces located on various subnets on the network and used for one-to-many communications
assigned to the variable portion of an IPv4 address that is used to identify a network node's interface on a subnet	Broadcast	assigned to all network interface located on a subnet on the network and used for one-to-everyone-on-a-subnet communications
assigned to one or more network interfaces located on various subnets on the network and used for one-to-many communications	Unicast	assigned to a single network interface located on a specific subnet on the network and used for one-to-one communications
assigned to all network interface located on a subnet on the network and used for one-to-everyone-on-a-subnet communications		

NEW QUESTION 21
Which of these addresses is a multicast address?

A. 127.0.0.1
B. 169.254.0.1
C. 192.168.0.1
D. 224.0.0.1

Answer: D

NEW QUESTION 25
To protect a network when it is connected to the Internet, you should use a:

A. Bridge
B. Firewall
C. Switch
D. Router

Answer: B

NEW QUESTION 27
A private network that allows members of an organization to exchange data is an:

A. Extranet
B. Ethernet
C. Intranet
D. Internet

Answer: C

NEW QUESTION 28
This question requires that you evaluate the underlined text to determine if it is correct. In a wireless network that requires an SSL certificate, WEP handles the SSL certificate.
Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. 802.1X
B. WPA2-PSK
C. WPA-PSK
D. No change is needed

Answer: A

NEW QUESTION 32
DRAG DROP
Match each protocol to its description.
To answer, drag the appropriate protocol from the column on the left to its description on the right. Each protocol may be used once, more than once, or not at all.

Each correct match is worth one point.

Protocols	Answer Area	
TCP	connectionless, message-based protocol with best-effort service	Protocol
ICMP	connection-oriented protocol with guaranteed service	Protocol
ARP	resolves IP addresses to MAC addresses	Protocol
UDP		
IGMP		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Protocols	Answer Area	
TCP	connectionless, message-based protocol with best-effort service	UDP
ICMP	connection-oriented protocol with guaranteed service	TCP
ARP	resolves IP addresses to MAC addresses	ARP
UDP		
IGMP		

NEW QUESTION 36
If a router cannot determine the next hop for a packet, the router will:

A. Forward the packet to the default route.
B. Send the packet back to the packet's source.
C. Broadcast the packet.
D. Store the packet in the memory buffer.

Answer: A

NEW QUESTION 38

Which of the following uses a tunneling protocol?

A. Internet
B. VPN
C. Extranet
D. VLAN

Answer: :B

NEW QUESTION 41
Which of the following represents a Media Access Control (MAC) address?

A. GV:ZC:KK:DK:FZ:CA
B. 255.255.255.0
C. 05:35:AB:6E:AI:25
D. 127.0.0.1

Answer: C

NEW QUESTION 42
The default port used for telnet is:

A. 23
B. 25
C. 80
D. 8080

Answer: A

NEW QUESTION 44
DRAG DROP
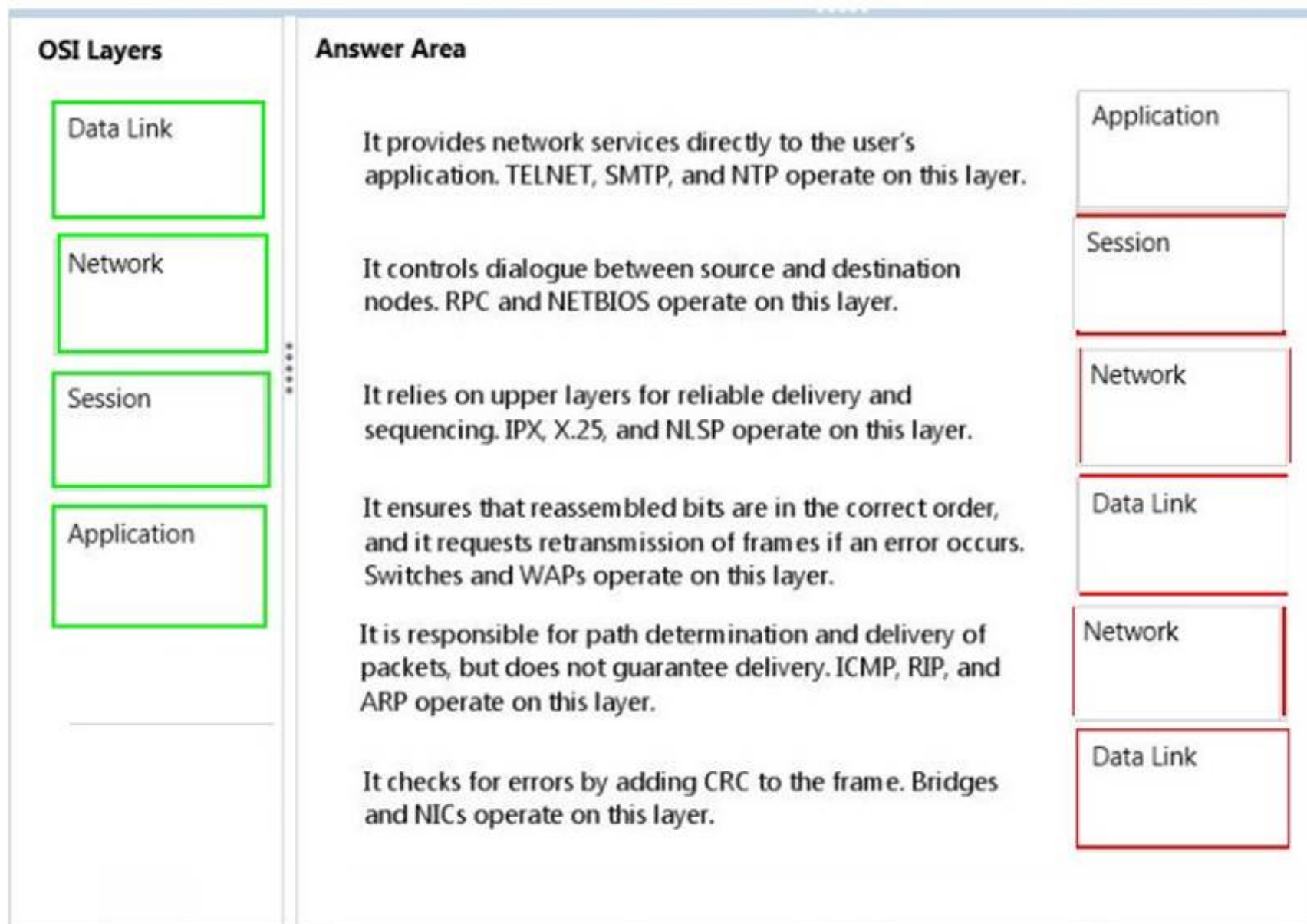Match the OSI layer to its corresponding description.
To answer, drag the appropriate OSI layer from the column on the left to its description on the right. Each OSI layer may be used once, more than once, or not at all. Each correct match is worth one point.

OSI Layers	Answer Area	
Data Link	It provides network services directly to the user's application. TELNET, SMTP, and NTP operate on this layer.	OSI Layer
Network	It controls dialogue between source and destination nodes. RPC and NETBIOS operate on this layer.	OSI Layer
Session	It relies on upper layers for reliable delivery and sequencing. IPX, X.25, and NLSP operate on this layer.	OSI Layer
Application	It ensures that reassembled bits are in the correct order, and it requests retransmission of frames if an error occurs. Switches and WAPs operate on this layer.	OSI Layer
	It is responsible for path determination and delivery of packets, but does not guarantee delivery. ICMP, RIP, and ARP operate on this layer.	OSI Layer
	It checks for errors by adding CRC to the frame. Bridges and NICs operate on this layer.	OSI Layer

A. Mastered
B. Not Mastered

Answer: A

Explanation:

OSI Layers	Answer Area	
Data Link	It provides network services directly to the user's application. TELNET, SMTP, and NTP operate on this layer.	**Application**
Network	It controls dialogue between source and destination nodes. RPC and NETBIOS operate on this layer.	**Session**
Session	It relies on upper layers for reliable delivery and sequencing. IPX, X.25, and NLSP operate on this layer.	**Network**
Application	It ensures that reassembled bits are in the correct order, and it requests retransmission of frames if an error occurs. Switches and WAPs operate on this layer.	**Data Link**
	It is responsible for path determination and delivery of packets, but does not guarantee delivery. ICMP, RIP, and ARP operate on this layer.	**Network**
	It checks for errors by adding CRC to the frame. Bridges and NICs operate on this layer.	**Data Link**

NEW QUESTION 45
This question requires that you evaluate the underlined text to determine if it is correct. WEP wireless encryption is the most susceptible to interception and decryption.
Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed'' if the underlined text makes the statement correct

A. WPA-AES
B. WPA2
C. WPA-PSK
D. No change is needed

Answer: D

NEW QUESTION 50
What are two characteristics of fiber optic cable? (Choose two.)

A. Conducts electricity
B. Requires metal conduit
C. Supports splicing
D. Requires a polish for end connectors

Answer: AC

NEW QUESTION 51
In which physical network topology is each computer connected to a central point?

A. Star
B. Mesh
C. Ring
D. Bus

Answer: A

NEW QUESTION 55
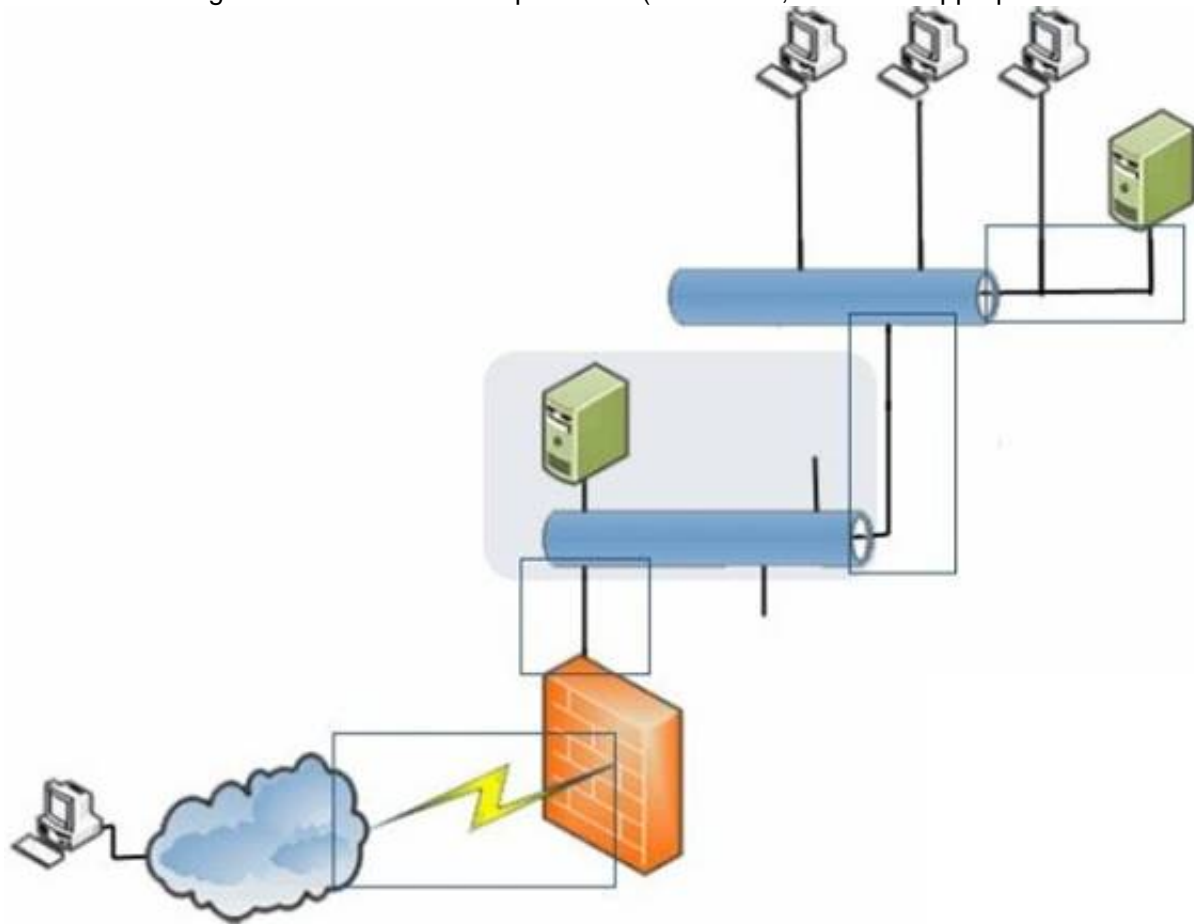What are two characteristics of the CSMA/CD access method? (Choose two.)

A. It checks to see if a collision has been detected.
B. It does a round robin search for requests to transmit from all nodes on the network.
C. It signals its intent to transmit on the network.
D. It waits until the transmission medium is idle.
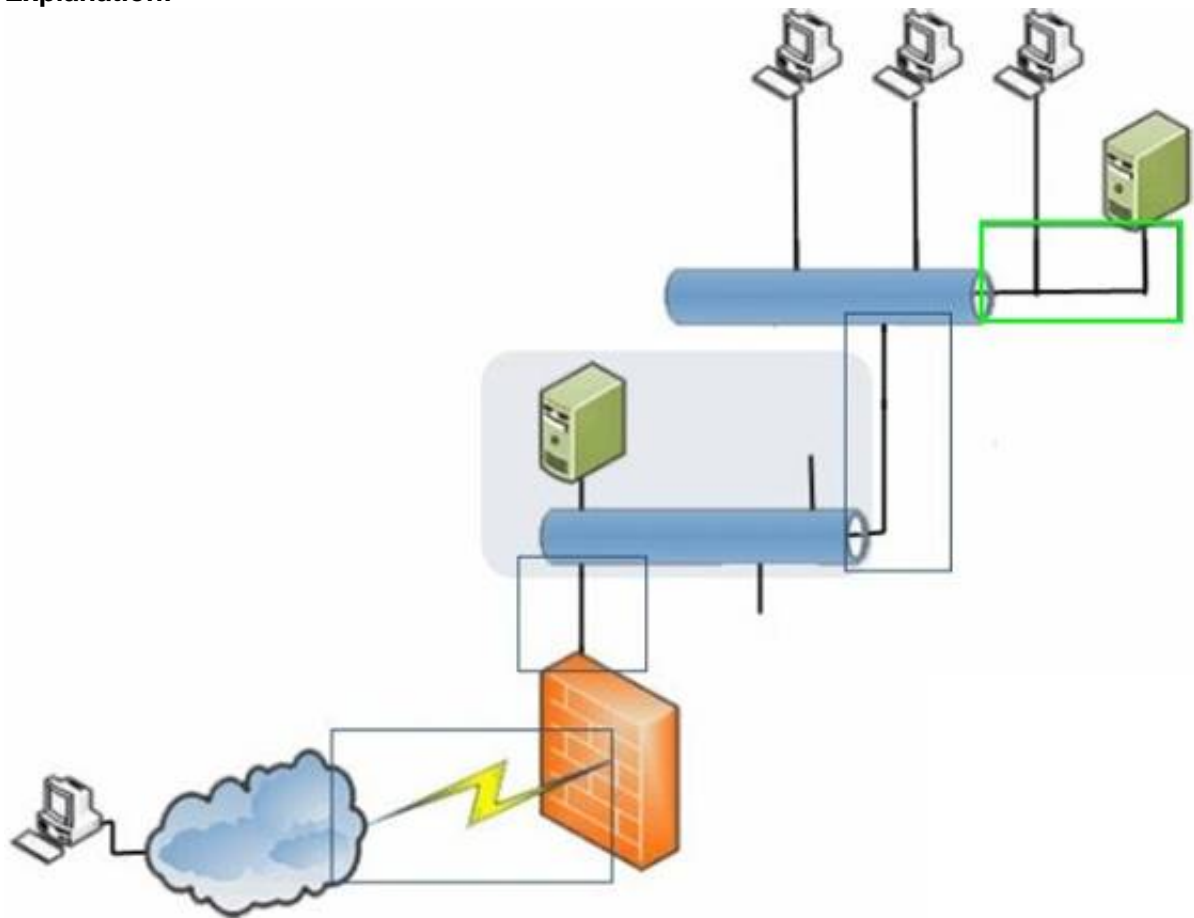
Answer: BC

NEW QUESTION 60
HOTSPOT
Where in the diagram is a T3 connection possible? (To answer, select the appropriate connection in the diagram in the answer area.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 64
What is a similarity between Layer 2 and Layer 3 switches?

A. Both provide a high level of security to the network.
B. Both use logical addressing to forward transmissions.
C. Both forward packets onto the network.
D. Both allow the implementation of VLANs.

Answer: C

NEW QUESTION 67
To which IP configuration does the CIDR notation 192.168.1.1/25 refer?

A. 192.168.1.1 255.255.255.64

B. 192.168.1.1 255.255.255.1
C. 192.168.1.1 255.255.255.32
D. 192.168.1.1 255.255.255.256
E. 192.168.1.1 255.255.255.128

Answer: E

NEW QUESTION 71
The default subnet mask for a Class B network is:

A. 0.0.0.255
B. 0.0.255.255
C. 255.0.0.0
D. 255.255.0.0

Answer: D

NEW QUESTION 76
The top-level domain ofwww.adventureworks.com is:

A. www
B. adventureworks
C. adventureworks.com
D. com

Answer: D

NEW QUESTION 78
Attenuation in a wireless network signal is a result of:

A. Number of wireless nodes connected.
B. Distance from the access point.
C. Interference from cellular phones.
D. Encryption of the signal.

Answer: B

NEW QUESTION 79
The default port used for SMTP is:

A. 23
B. 25
C. 80
D. 8080

Answer: B

NEW QUESTION 84
What are two differences between switches and hubs? (Choose two.)

A. Switches are slower than hubs because of the extra addressing functions that switches perform.
B. Switches send data to all of the computers that are connected to them for efficiency.
C. Switches are capable of sending and receiving data at the same time.
D. Switches identify the intended destination of the data that they receive.

Answer: BC

NEW QUESTION 88
Which of the following services masks internal IP addresses from outside the network?

A. DHCP
B. WINS
C. NAT
D. DNS

Answer: C

NEW QUESTION 93
HOTSPOT
You are trying to access a music sharing service on the Internet. The service is located at the IP address 173.194.75.105. You are experiencing problems connecting.
You run a trace route to the server and receive the output shown in the following image:

```
Command Prompt                                              _ □ ✕

C:\>tracert -d 173.194.75.105

Tracing route to 173.194.75.105 over a maximum of 30 hops

  1    <1 ms    <1 ms    <1 ms   10.0.0.1
  2    25 ms    29 ms    29 ms   174.57.168.1
  3     9 ms     9 ms     9 ms   68.85.76.249
  4    10 ms     9 ms     9 ms   68.86.210.25
  5    14 ms    15 ms    18 ms   68.86.92.161
  6    15 ms    16 ms    13 ms   68.86.86.142
  7    14 ms    14 ms    14 ms   75.149.231.62
  8    14 ms    15 ms    15 ms   209.85.252.80
  9    17 ms    16 ms    17 ms   72.14.236.146
 10    27 ms    28 ms    28 ms   209.85.241.222
 11    26 ms    25 ms    26 ms   216.239.48.157
 12     *         *        *     Request timed out.
 13    27 ms    26 ms    25 ms   173.194.75.105

Trace complete.

C:\>
```

Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

Answer Area

Each hop in the trace route is a [**answer choice**]   [▼]
router.
switch.
firewall.

The trace route completed [**answer choice**]   [▼]
successfully.
unsuccessfully.
with an unknown status.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Each hop in the trace route is a [**answer choice**]   [▼]
router.
switch.
firewall.

The trace route completed [**answer choice**]   [▼]
successfully.
unsuccessfully.
with an unknown status.

NEW QUESTION 98
This question requires that you evaluate the underlined text to determine if it is correct.
IPSec policies for two machines on a LAN can be modified by using the IPSec policy snap- in on Windows 7.
Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Windows Firewall with Advanced Security snap-in
B. LAN adapter properties
C. Remote Access snap-in
D. No change is needed

Answer: A

NEW QUESTION 101
Which wireless authentication method provides the highest level of security?

A. Wired Equivalency Privacy (WEP)
B. IEEE 802.lln
C. WI-FI Protected Access (WPA)
D. IEEE 802.11a

Answer: C

NEW QUESTION 106
In local area network (LAN) topologies, the primary media access methods are: (Choose two.)

A. Contention
B. Negotiation
C. Kerberos
D. Token passing

Answer: AD

NEW QUESTION 107
When a client's DHCP-issued address expires, the client will:

A. Select a new address and request approval from the DHCP server.
B. Require manual configuration with a static IP address.
C. Attempt to obtain a new address by broadcasting.
D. Continue to use the address until it is notified to stop.

Answer: C

NEW QUESTION 110
One reason to replace an unmanaged switch with a managed switch is to:

A. Manage the routing tables.
B. Support multiple VLANS.
C. Reduce collision domains.
D. Route between networks,

Answer: :B

NEW QUESTION 114
Which subnet mask is valid?

A. 255.255.255.240
B. 255.255.255.228
C. 255.255.255.164
D. 255.255.255.245

Answer: A

NEW QUESTION 118
Which two are published IEEE 802.11 wireless transmission standards? (Choose two.)

A. 802.1 If
B. 802.11g
C. 802.11k
D. 802.11m
E. 802.11n

Answer: BE

NEW QUESTION 123
Which of these is an application layer protocol?

A. TCP
B. FTP
C. IP
D. UDP

Answer: B

NEW QUESTION 125

You run the ipconfig command. The output is shown in the following image:


```
Windows IP Configuration

Wireless LAN adapter Wireless Network Connection 3:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Wireless Network Connection:

   Connection-specific DNS Suffix  . :
   IPv6 Address. . . . . . . . . . . : 2602:304:aecf:a929:cce2:4be1:be2a:260
   Temporary IPv6 Address. . . . . . : 2602:304:aecf:a929:f09e:893:6519:6a2
   Link-local IPv6 Address . . . . . : fe80::cce2:4be1:be2a:260%17
   IPv4 Address. . . . . . . . . . . : 192.168.1.65
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :
```

From these settings, you can tell that the computer:

A. Will have limited Internet access
B. Will have full Internet access
C. Will not be able to access the Internet
D. Will not be able to access the local network

Answer: A

NEW QUESTION 129
A router's static route is set by the:

A. Adjacent network
B. Next upstream router
C. Network administrator
D. Routing protocol

Answer: C

NEW QUESTION 134
Teredo tunneling is a protocol that:

A. Translates Internet Protocol version 4 (IPv4) to Internet Protocol version 6 (IPv6).
B. Allows IPv6 connectivity through IPv4 devices.
C. Provides VPN security.
D. Dynamically allocates IPv6 addresses.

Answer: B

NEW QUESTION 138
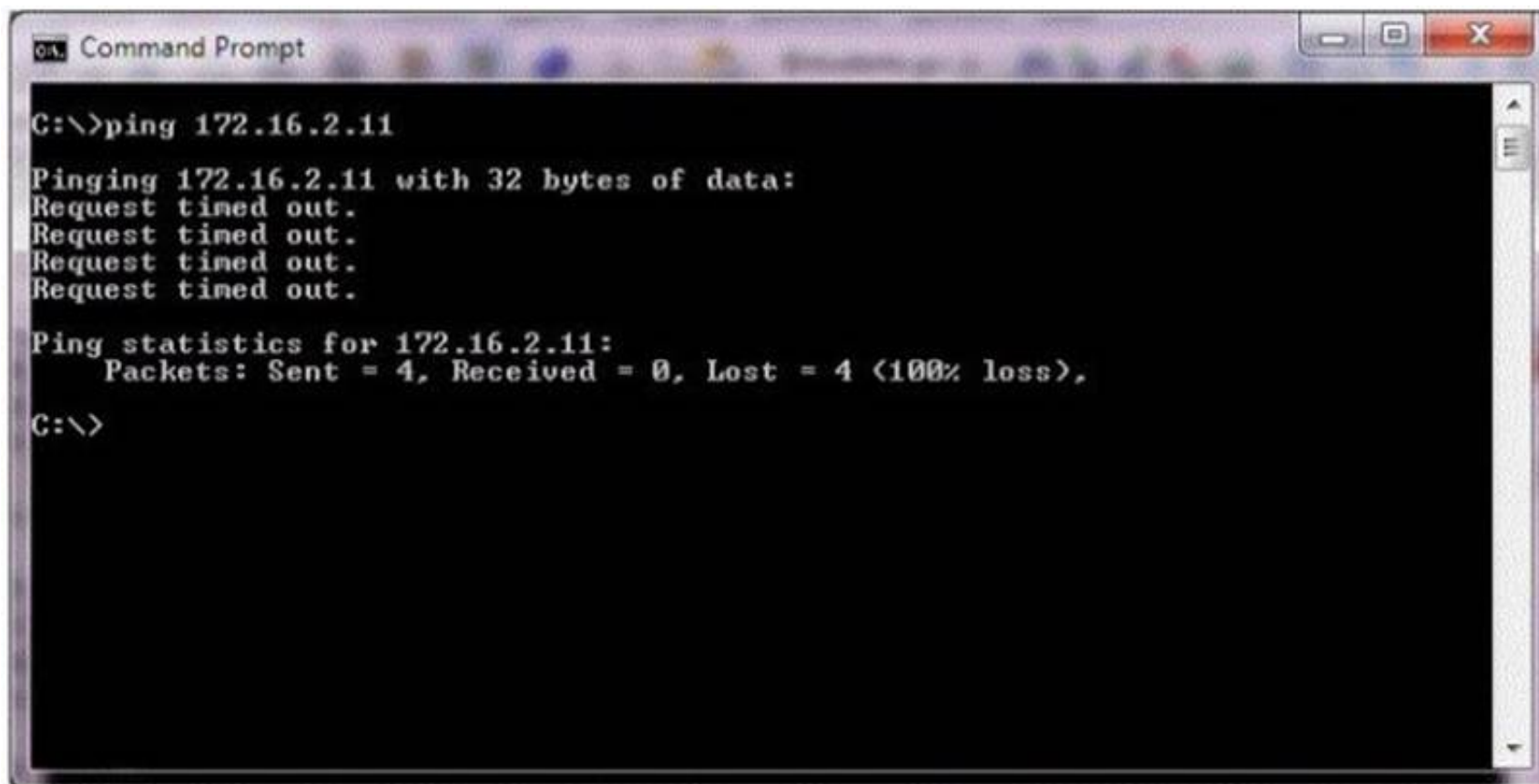A network that separates an organization's private network from a public network is a/an:

A. Firewall
B. Extranet
C. Perimeter
D. Internet

Answer: C

NEW QUESTION 139
HOTSPOT
You receive a call from a family member who is unable to connect to a game server. You learn that the server's IP is 172.16.2.11.
To help, you ping the server and receive the information shown in the following image:

```
C:\>ping 172.16.2.11

Pinging 172.16.2.11 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.16.2.11:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

Answer Area

The server **[answer choice]** your ping requests.

| did not return |
| did return |
| may or may not have returned |

The server status is **[answer choice]**

| up. |
| down. |
| unknown. |

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

The server **[answer choice]** your ping requests.

| did not return |
| **did return** |
| may or may not have returned |

The server status is **[answer choice]**

| up. |
| down. |
| **unknown.** |

NEW QUESTION 143
Which type of port is used to support VLAN traffic between two switches?

A. Virtual port
B. WAN port
C. Trunk port
D. LAN port

Answer: C

NEW QUESTION 148
This question requires that you evaluate the underlined text to determine if it is correct. According to the OSI model, encryption takes place on the transport layer. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Presentation
B. Network
C. Application
D. No change is needed

Answer: A

NEW QUESTION 150
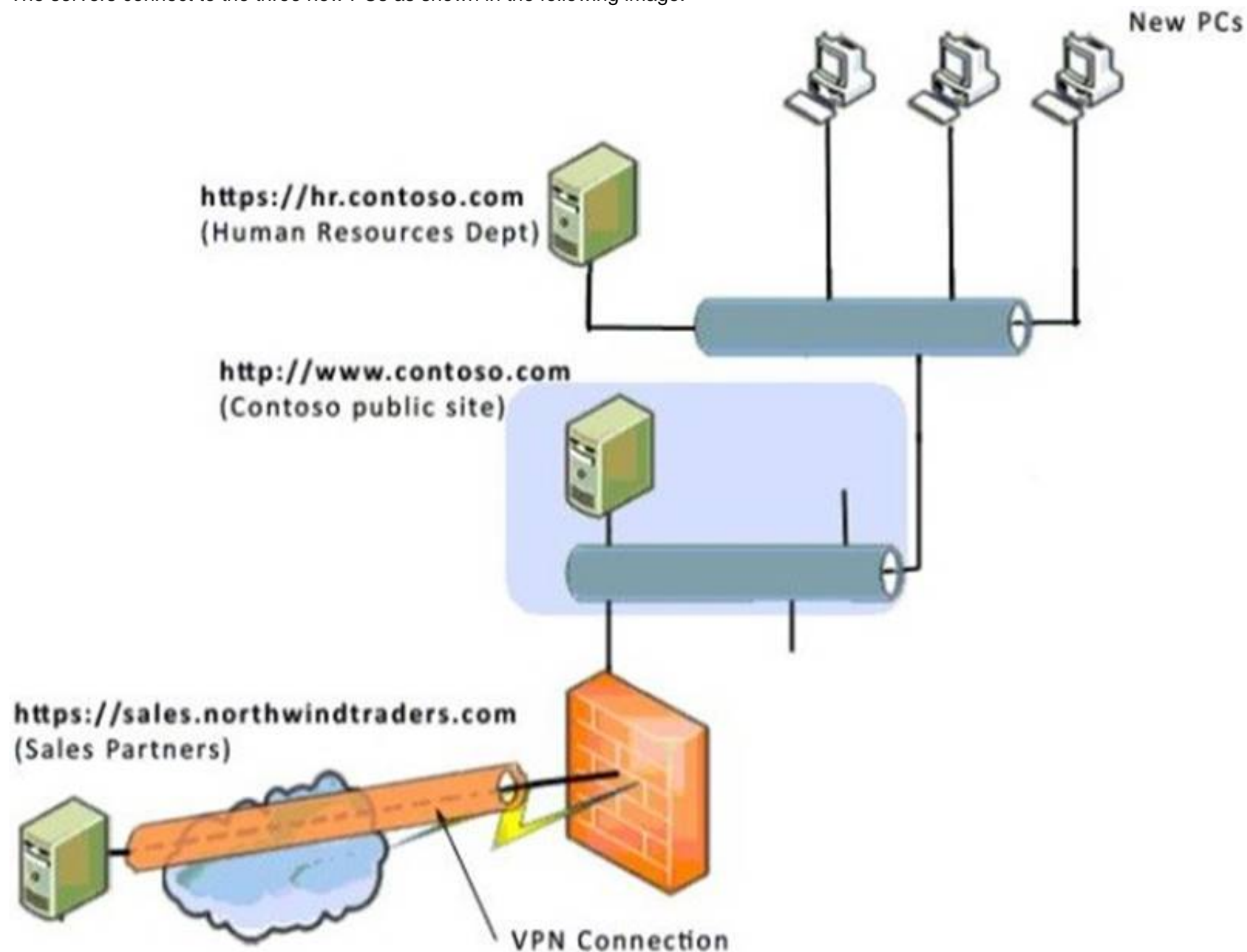What are two characteristics of a mesh network topology? (Choose two.)

A. It is fault tolerant because of redundant connections.
B. Every node connects to every other node on the network.
C. It works best for networks with a large number of nodes.
D. It requires less cabling than either a star or ring topology.

Answer: AC

NEW QUESTION 153
HOTSPOT
You are an intern for Contoso Ltd. Your supervisor asks you to configure the security zones for three new PCs so that they are able to connect to two web servers. The servers connect to the three new PCs as shown in the following image:

Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

The appropriate type of security zone for https://sales.northwindtraders.com is [answer choice]

Restricted Sites.
Local Intranet.
Trusted Sites.

The appropriate type of security zone for https://hr.contoso.com is [answer choice]

Restricted Sites.
Local Intranet.
Trusted Sites.

NEW QUESTION 158
One advantage of dynamic routing is that it:

A. Automatically maintains routing tables.
B. Limits traffic derived from routing protocols.
C. Reduces broadcast traffic.
D. Automatically enables DHCP.

Answer: :A

NEW QUESTION 159
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
IPsec can be used to secure network communications between two machines.	○	○
IPsec can be used to secure network communication between two networks.	○	○
IPsec network traffic is always encrypted.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
IPsec can be used to secure network communications between two machines.	☑ ⦾	⦾
IPsec can be used to secure network communication between two networks.	☑ ⦾	⦾
IPsec network traffic is always encrypted.	⦾	☑ ⦾

NEW QUESTION 164
What is an example of a network device that associates a network address with a port?

A. Switch
B. Router
C. Hub
D. DSL modem

Answer: :C

NEW QUESTION 167
DRAG DROP
Order the layers of the OSI model:

Layers of OSI Model

Application
Data link
Network
Physical
Presentation
Session
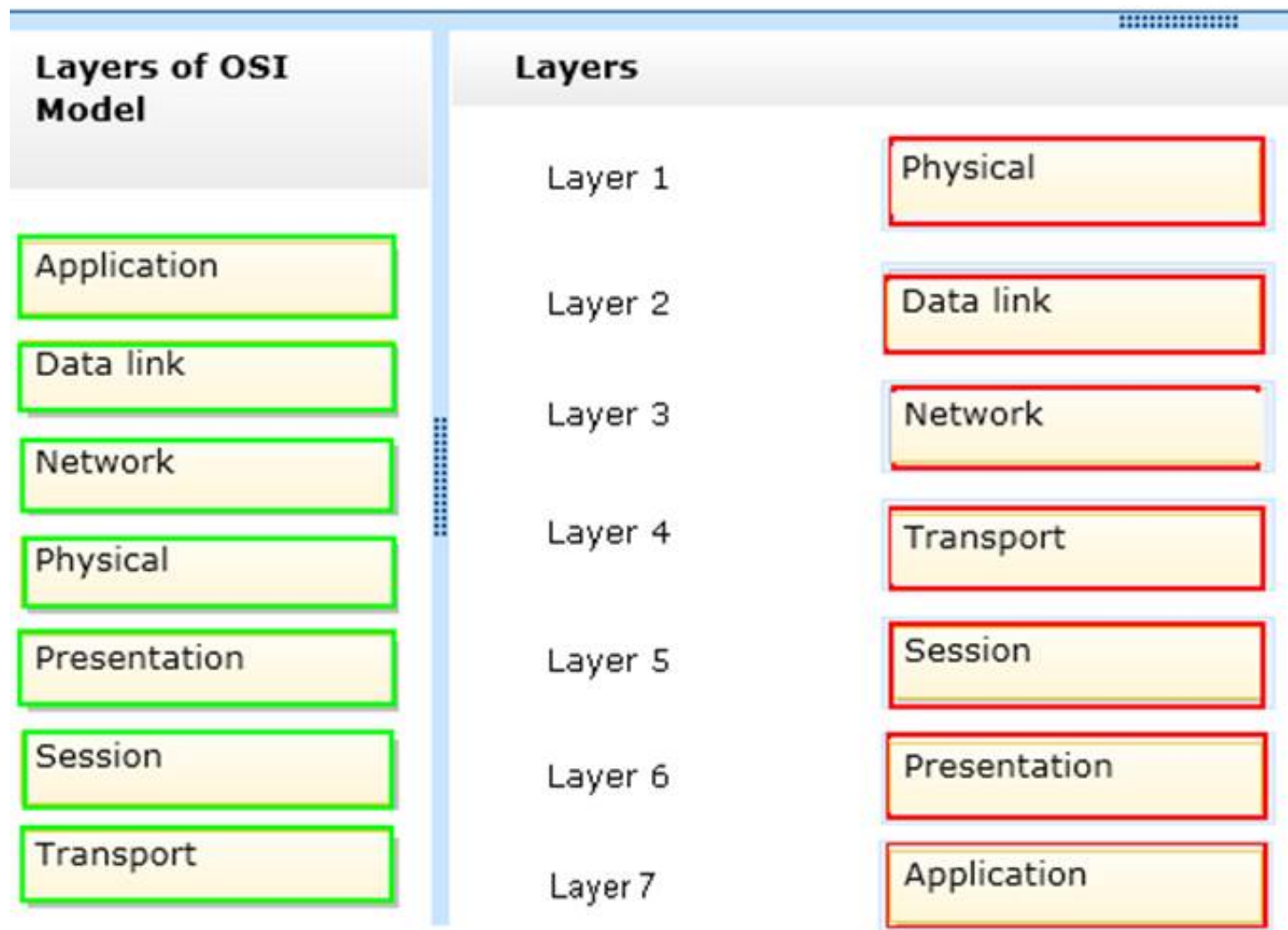Transport

Layers

Layer 1
Layer 2
Layer 3
Layer 4
Layer 5
Layer 6
Layer 7

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Layers of OSI Model	Layers	
Application	Layer 1	Physical
Data link	Layer 2	Data link
Network	Layer 3	Network
Physical	Layer 4	Transport
Presentation	Layer 5	Session
Session	Layer 6	Presentation
Transport	Layer 7	Application

NEW QUESTION 168
Which of these factors has the biggest impact on data transmission speed in a wireless network?

A. The access method used for the network
B. The transmission standard of the equipment used
C. The use of strong encryption for transmissions
D. The transmission wattage rating used on the NIC

Answer: B

NEW QUESTION 169
What are three characteristics of Ethernet network topology? (Choose three.)

A. It uses tokens to avoid collisions on the network.
B. It can use coaxial, twisted pair, and fiber optic media.
C. It comprises the largest share of the networks in place today.
D. It is a non-switching protocol.
E. It can negotiate different transmission speeds.

Answer: ABD

NEW QUESTION 172
An Action Center alert recommends that you enable Windows Firewall. After enabling the firewall, you can no longer access websites.
Which two TCP ports should you add exceptions for on the firewall? (Choose two.)

A. Port 21
B. Port 23
C. Port 25
D. Port 80
E. Port 443
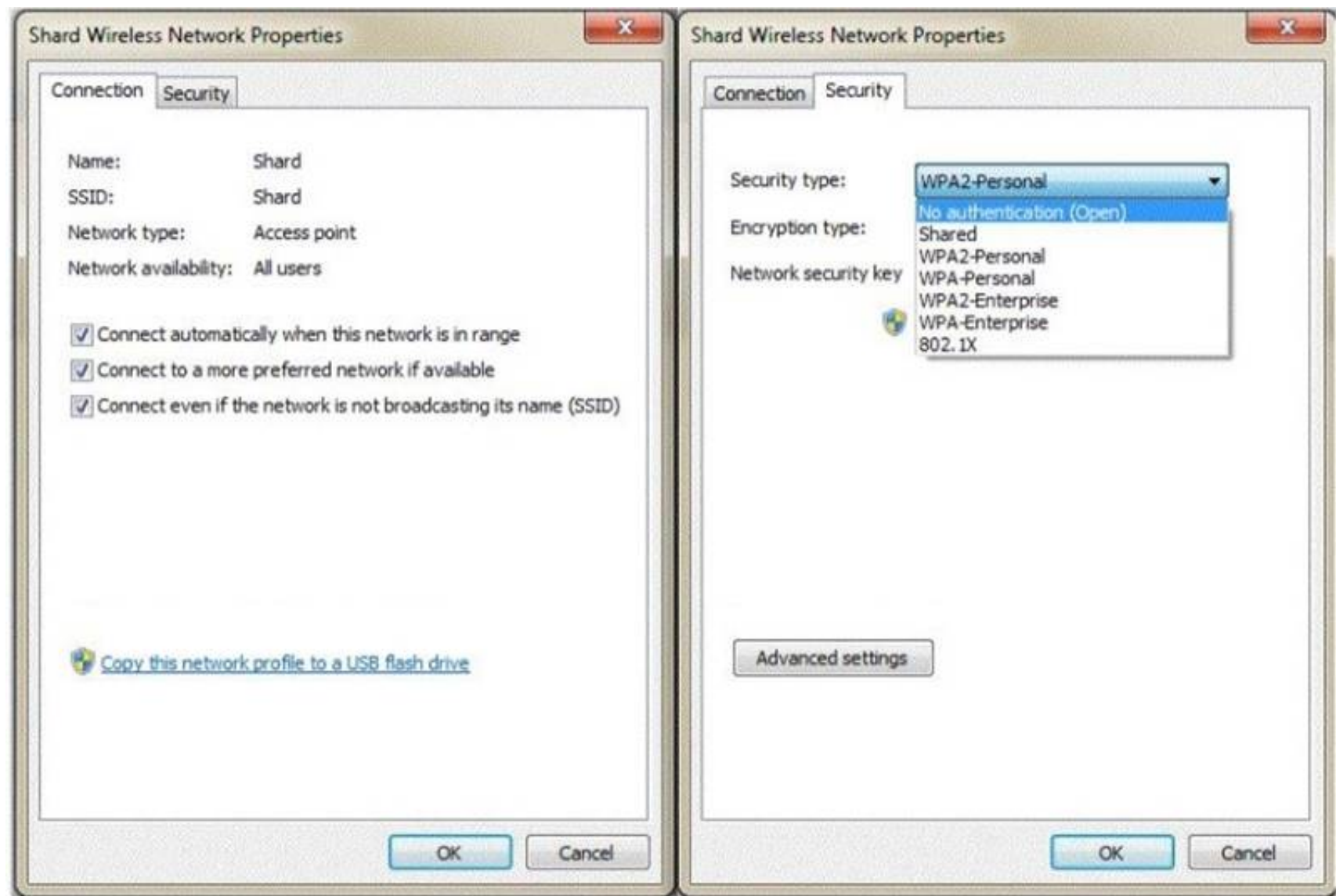
Answer: DE

NEW QUESTION 177
HOTSPOT
You are configuring a wireless network with the Wireless Network Properties that are shown in the following image:

Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

Answer Area

To manually select which network to connect to, you should uncheck [**answer choice**]

Connect automatically when this network is in range.
Connect to a more preferred network if available.
Connect even if the network is not broadcasting its name (SSID).

The [**answer choice**] security type requires certificates for its encryption.

WPA-Enterprise
WPA2-Personal
802.1X

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

To manually select which network to connect to, you should uncheck [**answer choice**]

Connect automatically when this network is in range.
Connect to a more preferred network if available.
Connect even if the network is not broadcasting its name (SSID).

The [**answer choice**] security type requires certificates for its encryption.

WPA-Enterprise
WPA2-Personal
802.1X

NEW QUESTION 178
What is the DNS record type that specifies an alias name of another address record?

A. MX
B. CNAME
C. NS
D. SOA

Answer: C

NEW QUESTION 181
The type of connector used on a 100BaseT Ethernet cable is:

A. RJ-11
B. RJ-45.
C. TNC.
D. BNC.

Answer: B

NEW QUESTION 182
Which DNS record type specifies the host that is the authority for a given domain?

A. NS
B. MX
C. CNAME
D. SOA

Answer: B

NEW QUESTION 187
One reason to incorporate VLANs in a network is to:

A. Increase the number of available IP addresses.
B. Increase the number of available Media Access Control (MAC) addresses.
C. Reduce the number of broadcast domains.
D. Reduce the number of nodes in a broadcast domain.

Answer: D

NEW QUESTION 190
The function of a router is to:

A. Provide IP subnet masks for hosts.
B. Forward traffic to other networks.
C. Broadcast routing tables to clients.
D. Store tables for name resolution.

Answer: B

NEW QUESTION 192
What type of record does DNS use to find a mail service?

A. Service (SRV) DNS record
B. Canonical (CNAME) DNS record
C. Mail Exchanger (MX) DNS record
D. Host (A) DNS record

Answer: C

NEW QUESTION 197
Which wireless communication problem is caused by electromagnetic waves?

A. Fading
B. Attenuation
C. Interference
D. Diffraction

Answer: C

NEW QUESTION 199
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
0:0:0:0:0:0:0:1 is the Loopback address for IPv6.	○	○
FEC0::9C5A is a valid Site-Local IPv6 address.	○	○
FE80::F856:02AA is a valid Link-Local (APIPA) IPv6 address.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
0:0:0:0:0:0:0:1 is the Loopback address for IPv6.	◉	○
FEC0::9C5A is a valid Site-Local IPv6 address.	◉	○
FE80::F856:02AA is a valid Link-Local (APIPA) IPv6 address.	◉	○

NEW QUESTION 200
If an 802.llg Internet connection has connectivity problems, what may be the cause?

A. A cordless phone
B. A cellular phone
C. Incandescent lights
D. Electromagnetic interference (EMI)

Answer: D

NEW QUESTION 203
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