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QUESTION 1

How does authentication differ from authorization?

- A. Authentication is used to verify a person's identity, and authorization is used to create syslog messages for logins.
- B. Authentication verifies the identity of a person accessing a network, and authorization determines what resource a user can access.
- C. Authentication is used to record what resource a user accesses, and authorization is used to determine what resources a user can access.
- D. Authentication is used to determine what resources a user is allowed to access, and authorization is used to track what equipment is allowed access to the network.

Correct Answer: B

QUESTION 2

How do servers connect to the network in a virtual environment?

- A. wireless to an access point that is physically connected to the network
- B. a virtual switch that links to an access point that is physically connected to the network
- C. a software switch on a hypervisor that is physically connected to the network
- D. a cable connected to a physical switch on the network

Correct Answer: C

QUESTION 3

Which type of IPv6 address is publicly routable in the same way as IPv4 public addresses?

A. unique local

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- B. multicast
- C. link-local
- D. global unicast

Correct Answer: D

QUESTION 4

Which network action occurs within the data plane?

- A. reply to an incoming ICMP echo request
- B. make a configuration change from an incoming NETCONF RPC
- C. run routing protocols (OSPF, EIGRP, RIP, BGP)

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D. compare the destination IP address to the IP routing table

Correct Answer: D

QUESTION 5

How do TCP and UDP differ in the way they guarantee packet delivery?

- A. TCP uses checksum, parity checks, and retransmissions, and UDP uses acknowledgements only.
- B. TCP uses checksum, acknowledgements, and retransmissions, and UDP uses checksums only.
- C. TCP uses retransmissions, acknowledgement, and parity checks, and UDP uses cyclic redundancy checks only.
- D. TCP uses two-dimensional parity checks, checksums, and cyclic redundancy checks, and UDP uses retransmissions only.

Correct Answer: B

QUESTION 6

How will Link Aggregation be implemented on a Cisco Wireless LAN Controller?

- A. When enabled, the WLC bandwidth drops to 500 Mbps.
- B. One functional physical port is needed to pass client traffic.
- C. To pass client traffic, two or more ports must be configured.
- D. The EtherChannel must be configured in "mode active".

Correct Answer: B

QUESTION 7 What are two benefits of using the PortFast feature? (Choose two)

- A. Enabled interfaces are automatically placed in listening state.
- B. Enabled interfaces come up and move to the forwarding state immediately.

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- C. Enabled interfaces never generate topology change notifications.
- D. Enabled interfaces that move to the learning state generate switch topology change notifications.
- E. Enabled interfaces wait 50 seconds before they move to the forwarding state.

Correct Answer: BC

QUESTION 8

Where does the configuration reside when a helper address is configured to support DHCP?

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- A. on every router along the path
- B. on the switch trunk interface
- C. on the router closest to the client
- D. on the router closest to the server

Correct Answer: C

QUESTION 9

Which WAN access technology is preferred for a small office/home office architecture?

- A. broadband cable access
- B. frame-relay packet switching
- C. dedicated point-to-point leased line
- D. Integrated Services Digital Network switching

Correct Answer: A

QUESTION 10

What is the path for traffic sent from one user workstation to another workstation on a separate switch in a three-tier architecture model?

- A. access-core-access
- B. access-core-distribution-access
- C. access-distribution-core-distribution-access
- D. access-distribution-distribution-access

Correct Answer: C

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