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**QUESTION 1**

A network administrator enters the BGP command neighbor 10.0.2.1. The BGP router does NOT have any route to the 10.0.2.0 network. What will happen?

- A. The router will form a successful adjacency with its 10.0.2.1 neighbor. The BGP state will be listed as connect.
- B. The router will not form a successful adjacency with its 10.0.2.1 neighbor.
- C. It will send gratuitous ARP messages to attempt to discover a route to its 10.0.2.1 neighbor.
- D. It will send an ICMP packet to attempt to reach its 10.0.2.1 neighbor.

Correct Answer: B

QUESTION 2

What is the size of the VLAN tag in an Ethernet frame?

- A. 4 bytes
- B. 8 bytes
- C. 1 byte
- D. 2 bytes

Correct Answer: A

QUESTION 3

When implementing QoS on a 10Gb connection, 6Gb is required by the customer. What QoS level best fits the requirement while keeping resource use to a minimum?

- A. Differentiated service
- B. Guaranteed service
- C. FIFO
- D. Best-effort service

Correct Answer: B

QUESTION 4

When using Policy Based Routing what is a valid matching criterion?

- A. 802.1Q VLAN ID



- B. Destination TCP port number
- C. AAA security credentials
- D. Source hostname

Correct Answer: B

QUESTION 5

What is the default PIM-SSM IP range?

- A. 224.0.0.0/4
- B. 224.0.0.0/24
- C. 232.0.0.0/8
- D. 232.0.0.0/4

Correct Answer: C

Reference: https://www.dell.com/support/manuals/us/en/04/force10-z9500/z9500_9.9.0.0_cli_pub-v1/ip-pim-ssm-range?guid=guid-995ffbd6-412f-4b34-92d1-50bb254ae371&lang=en-us

QUESTION 6

Which commands are required to properly configure an OS10 switch to run OSPF on eth1/1/3 and to add network 144.254.1.0/30 to OSPF area 0?

- A. OS10(config)# interface ethernet 1/1/3 OS10(conf-if-eth1/1/3)# no shutdown OS10(conf-if-eth1/1/3)# no switchport OS10(conf-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(conf-if-eth1/1/3)# ip ospf 1 area 0.0.0.0 OS10(config)# router ospf 1
- B. OS10(config)# router ospf 1 OS10(config-router-ospf-1)# router-id 1.1.1.1 OS10(config)# interface ethernet 1/1/3 OS10(conf-if-eth1/1/3)# no shutdown OS10(conf-if-eth1/1/3)# no switchport OS10(conf-if-eth1/1/3)# ip ospf 1 area 0.0.0.0
- C. OS10(config)# interface ethernet 1/1/3 OS10(conf-if-eth1/1/3)# no shutdown OS10(conf-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(conf-if-eth1/1/3)# no switchport OS10(conf-if-eth1/1/3)# ip ospf 1 area 0.0.0.0 OS10(config)# router ospf 1
- D. OS10(config)# interface ethernet 1/1/3 OS10(conf-if-eth1/1/3)# no shutdown OS10(conf-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(conf-if-eth1/1/3)# no switchport OS10(conf-if-eth1/1/3)# ip ospf 1 area 0.0.0.0 OS10(conf-if-eth1/1/3)# router ospf 1

Correct Answer: C

QUESTION 7

Which command is used to create a non-default VRF instance?



- A. ip vrf
- B. ip vrf forwarding new-vrf
- C. ip vrf forwarding vrf-test
- D. interface ethernet 1/1/1

Correct Answer: A

QUESTION 8

The network administrator wants to configure RADIUS authentication for VTY access, and for console access to use the local configuration. Which two commands should be used to achieve this goal?

- A. aaa authentication login vty group radius aaa authentication login console local
- B. aaa authentication login default group radius aaa authentication login console local
- C. aaa authentication login vty radius aaa authentication login console group local
- D. aaa authentication login default group radius aaa authentication login console group local

Correct Answer: B

QUESTION 9

A network administrator wants servers to avoid spanning-tree convergence immediately after connecting to a leaf switch. Which spanning-tree feature would allow this?

- A. spanning-tree vlan priority 0
- B. spanning-tree port-type disabled
- C. spanning-tree port-priority 0
- D. spanning-tree port-type edge

Correct Answer: D

QUESTION 10

What is the function of the authentication service?

- A. Validates the user identity
- B. Determines switch management commands
- C. Validates switch order
- D. Determines which services the user is enabled to access

Correct Answer: A



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