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QUESTION 1

Which two methods are used to reduce the mesh links required between iBGP peers in the same AS? (Choose two.)

- A. community
- B. router reflectors
- C. local preference
- D. confederations
- E. atomic aggregate
- F. MED

Correct Answer: BD

QUESTION 2

The enterprise campus core layer has requirements that are unique from the distribution and access layers. Which of the following is true about the core layer?

- A. The core layer provides convergence using Layer 2 and Layer 3 services and features.
- B. The core layer provides high availability to support the distribution layer connections to the enterprise edge.
- C. The campus core layer is optional.
- D. The core layer requires high performance to manage the traffic policing across the backbone.

Correct Answer: B

QUESTION 3

Cisco Identity-Based Networking Services relies heavily on the 802.1X protocol. Which other authentication solution is used hand-in-hand with 802.1X to authenticate users for network access?

- A. RADIUS
- B. LEAP
- C. IPsec
- D. TACACS
- E. ISAKMP

Correct Answer: A

Cisco Identity-Based Network Services The Cisco Identity-Based Network Services solution is a way to authenticate



host access based on policy for admission to the network. IBNS supports identity authentication, dynamic provisioning of VLANs on a per-user basis, guest VLANs, and 802.1X with port security. The 802.1 X protocol is a standards-based protocol for authenticating network clients by permitting or denying access to the network. The 802.1 X protocol operates between the end-user client seeking access and an Ethernet switch or wireless access point (AP) providing the connection to the network. In 802.1 X terminology, clients are called supplicants, and switches and APs are called authenticates. A back-end RADIUS server such as a Cisco Access Control Server (ACS) provides the user account database used to apply authentication and authorization. With an IBNS solution, the host uses 802.1X and Extensible Authentication Protocol over LANs (EAPoL) to send the credentials and initiate a session to the network. After the host and switch establish LAN connectivity, username and password credentials are requested. The client host then sends the credentials to the switch, which forwards them to the RADIUS ACS. The RADIUS ACS performs a lookup on the username and password to determine the credentials validity. If the username and password are correct, an accept message is sent to the switch or AP to allow access to the client host. If the username and password are incorrect, the server sends a message to the switch or AP to block the host port. Figure 13-4 illustrates the communication flow of two hosts using 802.1X and KAPoL with the switch, AP, and back-end RADIUS server.

QUESTION 4

When designing using the Cisco Enterprise Architecture, in which Enterprise Campus layer does the Remote Access and VPN module establish its connection?

- A. Building Access
- B. Campus Core
- C. Enterprise Branch
- D. Enterprise Data Center

Correct Answer: B

QUESTION 5

A company has dark fiber between headquarters and its data center. It is presently configured as a 10GbE connection. Network utilization shows high utilization on the connection. What technology can be implemented to increase capacity without acquiring another circuit?

- A. MPLS
- B. DWDM
- C. VPLS
- D. DMVPN

Correct Answer: B



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