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Designing for Cisco Internetwork Solutions

Cisco 200-310

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QUESTION NO: 1

What is the first step when creating a network security policy?

- A. define what should be protected
- B. investigate how likely an attack is to occur
- C. implement measures to protect assets
- D. hire a security firm to perform penetration tests

ANSWER: A

QUESTION NO: 2

Which routing protocol is classful?

- A. Intermediate System-to-Intermediate System (IS-IS) and OSPF
- B. Routing Information Protocol Version 1 (RIPv1) and RIPv2
- C. IGRP and RIPv1
- D. Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF)

ANSWER: C

QUESTION NO: 3

Which value must you configure on a Microsoft DHCP server so that Cisco wireless APs can locate the wireless controllers?

- A. the Length value
- B. the IP DHCP pool name
- C. a vendor class identifier
- D. the Type suboption code 0xe1

ANSWER: C

QUESTION NO: 4

Your supervisor has asked you to deploy a routing protocol within the lab environment that will allow for unequal cost multipath routing. Which should you choose?

- A. EIGRP
- B. OSPF
- C. IS-IS
- D. RIP

ANSWER: A

QUESTION NO: 5

In the enterprise data center, which are the three main components? (Choose three.)

- A. Network Infrastructure
- B. Interactive services
- C. Data Center Management
- D. Internet services
- E. WAN services
- F. VPN and remote access

ANSWER: A B C

QUESTION NO: 6

How many more bits does IPv6 use for addresses than IPv4?

- A. 32
- B. 64
- C. 96
- D. 128

ANSWER: C

QUESTION NO: 7

What are two components of the Build phase in the Cisco Design Lifecycle? (Choose two.)

- A. Migration
- B. Deployment
- C. Optimization
- D. Design
- E. Configuration

ANSWER: A B

QUESTION NO: 8

While analyzing the network addressing scheme for an organization, a network engineer identifies private and public network addressing. Which two summary addresses require that NAT communicates with the Internet? (Choose two.)

- A. 172.20.0.0/16
- B. 172.32.0.0/12
- C. 10.160.0.0/12
- D. 131.184.0.0/16
- E. 131.176.0.0/12

ANSWER: A C

QUESTION NO: 9

Which three terms describe the primary functions of the distribution layer of the campus network design hierarchy? (Choose three.)

- A. provides end-user connectivity
- B. provides high speed transport
- C. provides QoS services
- D. enforces security policies
- E. provides WAN connections
- F. connects access devices to the core backbone

ANSWER: C D F

Explanation:

Reference: <http://www.cisco.com/en/US/docs/solutions/Enterprise/Campus/campover.html#wp708979>

QUESTION NO: 10

What does IGMP stand for?

- A. Internet Group Management Protocol
- B. Interior Gateway Routing Protocol
- C. Interior Group Management Protocol
- D. Interior Gateway Media Protocol

ANSWER: A

QUESTION NO: 11

Which two features are available in the Cisco STP Toolkit? (Choose two.)

- A. FHRP
- B. loop guard
- C. AutoQoS
- D. PortFast
- E. GLBP

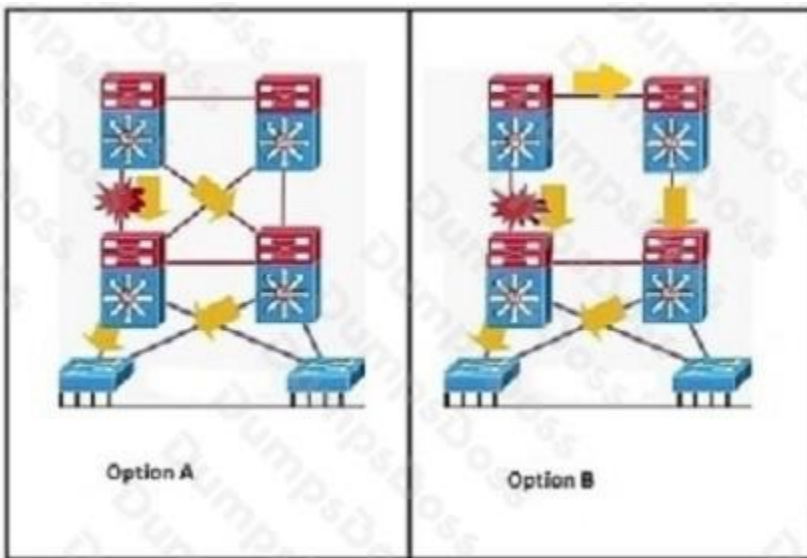
ANSWER: B D

Explanation:

Reference: https://www.cisco.com/c/dam/en_us/solutions/industries/docs/gov/turniton_stpt.pdf

QUESTION NO: 12

Refer to the exhibit.



You are designing routing between building distribution switches and campus core switches. Assuming that all links have the same speed, which statement about these designs is true?

- A. Option A has more fault tolerance but slower convergence than Option B.
- B. Option A has more fault tolerance and faster convergence than Option B.
- C. Option B has more fault tolerance but slower convergence than Option A.
- D. Option B has more fault tolerance and faster convergence than Option A.

ANSWER: B

QUESTION NO: 13

Which two activities are included in the Plan phase of the Cisco Design Lifecycle approach? (Choose two.)

- A. Perform a gap analysis to determine whether the existing system infrastructure and the operational environment will support the proposed system.

- B. Document and provide the initial data for the Optimization phase.
- C. Present a project plan for helping manage the tasks, responsibilities, critical milestones, and resources required.
- D. Integrate devices without disrupting the existing network or creating points of vulnerability.
- E. Produce a draft specification that meets current business and technical requirements.

ANSWER: A C

QUESTION NO: 14

Which two of these are the most accurate characteristics of EIGRP deployment? (Choose two.)

- A. Provides features for most Ethernet, Frame Relay, and dial-up network deployment types.
- B. Provides routing for IPv4, IPv6, Appletalk, and IPX.
- C. Provides default hierarchical routing and summarization of a VLSM IP address deployment.
- D. Provides quick convergence through neighbor relationships and topology backup routes.
- E. Provides the best route selection on combined default metrics of active bandwidth, delay, load, reliability, and MTU parameters.

ANSWER: B D

QUESTION NO: 15

Which statement describes an advantage of the Layer 2 access model over the Layer 3 access model in the data center?

- A. It enables NIC teaming.
- B. It removes STP dependency.
- C. It increases scalability.
- D. It decreases convergence.

ANSWER: A

QUESTION NO: 16

What three customer supported details identifies network requirements based on the PPDIOO design model? (Choose three.)

- A. goals
- B. budget
- C. user needs
- D. locations
- E. policies

ANSWER: A B C

QUESTION NO: 17

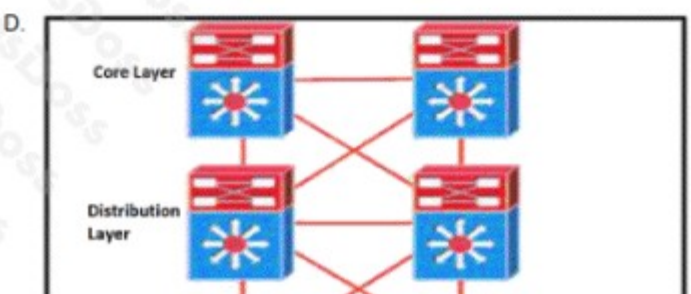
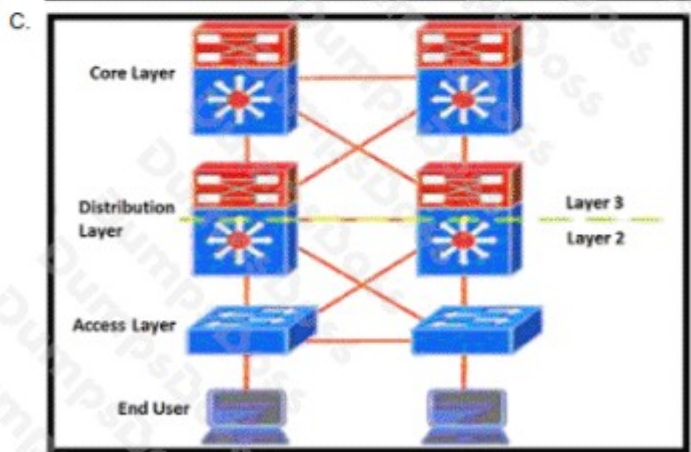
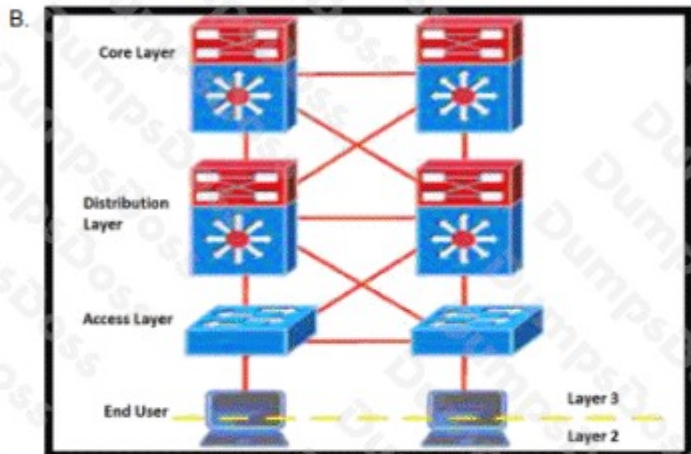
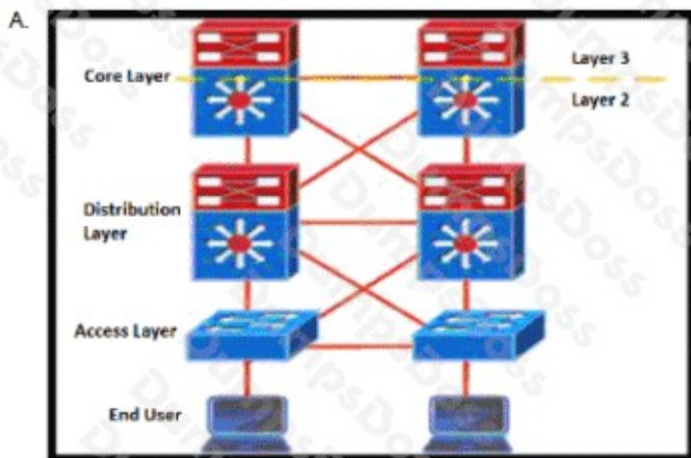
Which three are security services offered through Cisco Router Security? (Choose three.)

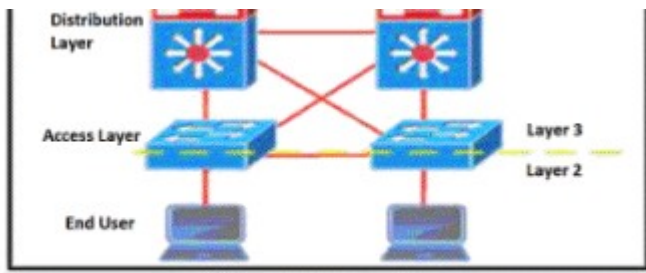
- A. Trust and Identity
- B. Integrated Threat Control
- C. Unified Wireless Network Security Solution
- D. Secure Connectivity
- E. Voice-Messaging Security
- F. Endpoint Security
- G. Virtual Security Gateway

ANSWER: A B D

QUESTION NO: 18

While designing a campus access layer, a network engineer is determining where to place the Layer 3 connectivity and begin the Layer 2 connectivity so that the VLANs span across access switches. Which design satisfies this requirement?





- A. Option A
- B. Option B
- C. Option C
- D. Option D

ANSWER: A