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200-310 Exam

Cisco Designing for Cisco Internetwork Solutions Exam

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DEMO
VERSION (LIMITED CONTENT)

Questions
& Answers

Version: 22.0

Question: 1

Which option is one of the methods that Cisco routers and switches can use to share information between directly connected devices on a regular basis?

- A. NetFlow
- B. ARP
- C. NHRP
- D. CDP

Answer: D

Question: 2

While designing a highly resilient infrastructure, which layer is typically a single point of failure?

- A. internet
- B. WAN
- C. distribution
- D. access

Answer: D

Question: 3

Which route source has a lower administrative cost than BGP?

- A. RIP
- B. a connected interface
- C. OSPF
- D. an IBGP route

Answer: B

Question: 4

DRAG DROP

Drag the descriptions on the left to the matching design category on the right.

enables a quick response to a design request	Top-Down <div style="border: 1px solid #ccc; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid #ccc; height: 20px;"></div>
gives the big picture to the organization and designer	
incorporates organizational requirements	Bottom-Up <div style="border: 1px solid #ccc; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid #ccc; height: 20px;"></div>
facilitates designs based on previous experience	

Answer:

<p>Top-Down</p> <div style="background-color: #e0f7fa; padding: 5px; margin-bottom: 5px;">gives the big picture to the organization and designer</div> <div style="background-color: #e0f7fa; padding: 5px;">incorporates organizational requirements</div>
<p>Bottom-Up</p> <div style="background-color: #e0f7fa; padding: 5px; margin-bottom: 5px;">enables a quick response to a design request</div> <div style="background-color: #e0f7fa; padding: 5px;">facilitates designs based on previous experience</div>

Question: 5

A small business owner has 200 staff members that occupy two floors of a building. The owner wants to reduce the network infrastructure costs without losing too much network resiliency and scalability. Which option meets these requirements?

A. Combine access and core layers into one layer and keeping all other layers

- B. Combine access and distribution layers into one layer and keep all other layers
- C. Exclude access and distribution layer switches and connect everything to redundant core switches
- D. Combine core and distribution layers into one layer and keep all other layers.

Answer: D

Question: 6

Which key feature does a modular design approach provide?

- A. performance
- B. manageability
- C. efficiency
- D. fault isolation

Answer: C

Question: 7

An organization must decide which routing protocol to use throughout its network. If routing is performed at the access layer, which factor must the organization consider?

- A. reduced network scalability when introducing numerous switch blocks into the routing table
- B. centralized management of ACLs at the distribution layer
- C. reliability when implementing routing over STP at the access layer
- D. performance differences between core, distribution, and access layer equipment

Answer: D

Question: 8

When designing enterprise networks, which two elements help to achieve IP routing efficiency? (Choose two)

- A. using two different IGP protocols
- B. supernettmg
- C. static routing
- D. hierarchical addressing
- E. dynamic IP addressing

Answer: BD

Question: 9

Which statement about route summarization is true?

- A. Summarization is supported by every routing protocol
- B. EIGRP can be configured to automatically summarize VLSM networks.
- C. When it is implemented routing tables are smaller
- D. ACLs can be applied to automatically summarize routes.

Answer: C

Question: 10

Which two features are benefits of a modular network design"? (Choose two)

- A. higher scalability
- B. intelligent network services
- C. ease of troubleshooting
- D. end-to-end security
- E. improved fault isolation

Answer: AC

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