

Vendor:Cisco

Exam Code:300-320

Exam Name: Designing Cisco Network Service

Architectures

Version: Demo

QUESTION 1 Which option is used as a top-of-rack device that is managed by its parent device, providing ease of management? A. Cisco Nexus 2000 B. Cisco Nexus 5000 C. Cisco Nexus 7000 D. Cisco Nexus 9000 Correct Answer: A **QUESTION 2** What protocol is used for connectivity between VSS layers? A. PAgP B. IVR C. ISL D. VSL Correct Answer: D **QUESTION 3** With which of the following could EIGRP and OSPF achieve sub second convergence ? (Choose Two) A. BFD B. Triangle topology C. Square topology D. Ring topology E. Tuning timers F. IP SLA Correct Answer: AB

The network engineering team for a large university must increase the security within the core of the network by

QUESTION 4

ensuring that IP traffic only originates from a network segment that is assigned to that interface in the routing table. Which technology must be chosen to accomplish this requirement?
A. VLAN access control lists
B. Unicast Reverse Path Forwarding
C. Intrusion prevention system
D. ARP inspection
Correct Answer: B
QUESTION 5
During the design of a new data center, a company requires that access switches be placed near servers without requiring a one-to-one ratio of switches to network racks. Which switch layout must be used?
A. end ofrow
B. top of rack
C. integrated
D. centralized
Correct Answer: B
QUESTION 6
What are the True regarding 802.1X. (Choose three)
A. Authenticates the user itself
B. Authenticates the device itself
C. If the device does not support, allow the access automatically
D. Cisco proprietary
E. Industry standard
Correct Answer: ABE

QUESTION 7

Which two characteristics of the 802.1X standard are true? (Choose two.)

A. This standard supports only wired LANs.
B. It can package EAP messages in Ethernet frames and not use PPP.
C. It was created by IEEE
D. It was created by IETF
E. Its EAP messages always require underlying PPP protocol
Correct Answer: BC
QUESTION 8
Design QoS (traffic regulation mechanisms)(Choose 2)
A. Classification
B. Shaping
C. Policing
D. Queuing
Correct Answer: BC
QUESTION 9
What network storage protocol uses a connection standard incompatible with shared 10Gb Ethernet physical connection?
A. SMB
B. iSCSI
C. FC
D. NFS
E. CIFS
Correct Answer: C
QUESTION 10
Which security feature can help prevent spoofed packets on the network?
A. uRPF

B. ACLs

D. DHCP spoofing
Correct Answer: A
QUESTION 11
Which security feature can help prevent spoofed packets on the network by verifying the validity of the source\\'s IP address?
A. DHCP spoofing
B. DAI
C. uRPF
D. 802.1x
Correct Answer: C
QUESTION 12
Which network virtualization plane is used to separate traffic forwarding tables?
A. control
B. data
C. management
D. access
Correct Answer: B

C. DAI

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