Cisco

200-310
Designing for Cisco Internetwork Solutions

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Product Version

Question: 1

Which two statements about designing the Data Center Access layer are correct? (Choose two.)

A. Multiport NIC servers should each have their own IP address.
B. Layer 3 connectivity should never be used in the access layer.
C. Layer 2 connectivity is primarily implemented in the access layer.
D. Multiport NIC servers should never be used in the access layer.
E. Layer 2 clustering implementation requires servers to be Layer 2 adjacent.

Answer: C,E

Question: 2

An organization needs a WAN Transport technology that meets these criteria:
• has a low initial cost
• provides low-to-medium BW
• has medium-to-high latency and jitter
Which technology should the organization use?

A. DSL
B. X.25
C. ISDN
D. wireless
E. analog modem

Answer: A

Question: 3

Which two of these are scalability benefits of designing a network that utilizes VPNs? (Choose two.)

A. extends the network to remote users
B. allows networks to be set up and restructured quickly
C. reduces dial infrastructure expenditures
D. reduces the number of physical connections
E. simplifies the underlying structure of a customer WAN

Answer: D,E

Question: 4

Refer to the exhibit.
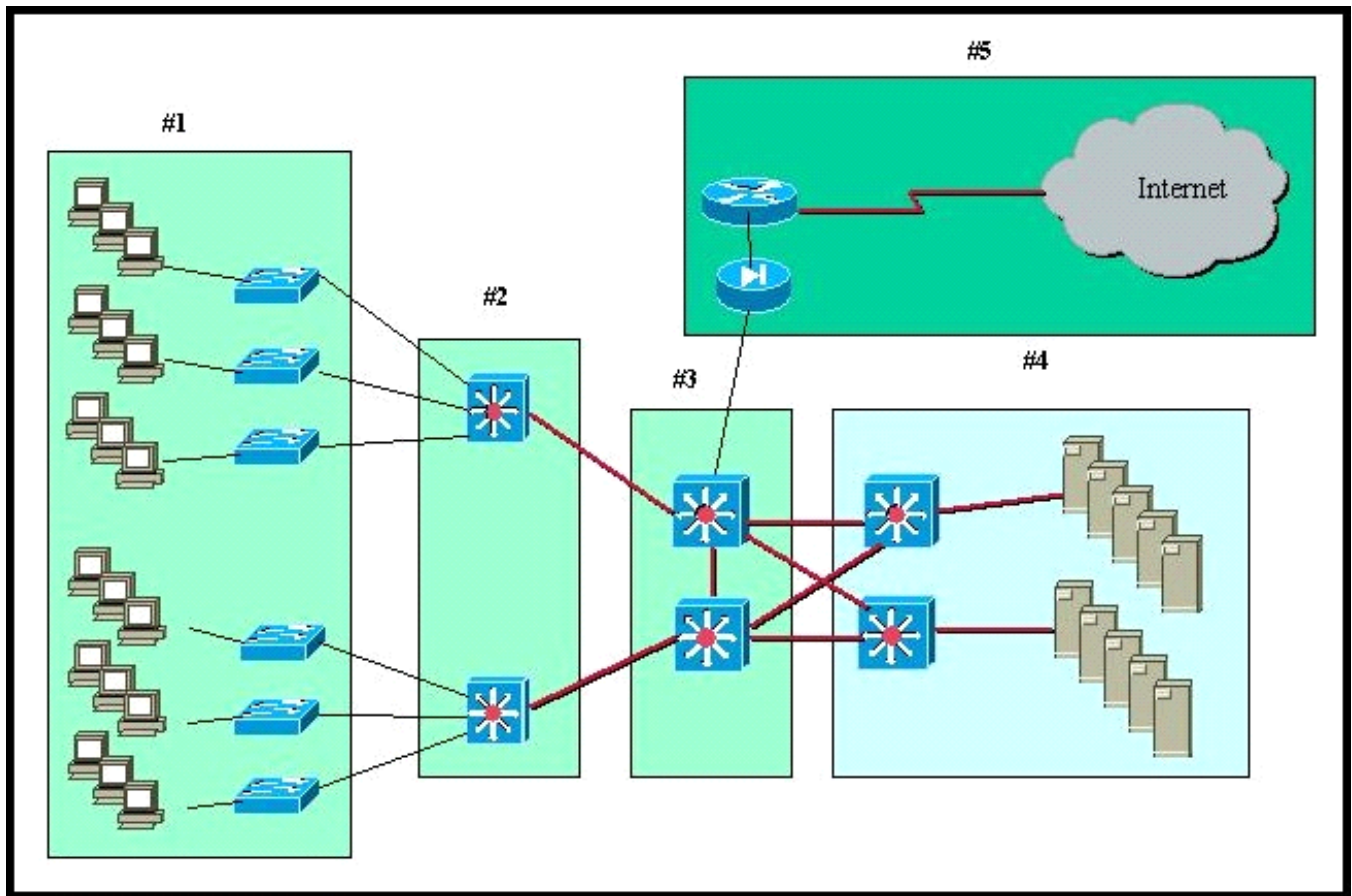
A standard Layer 2 campus network design is pictured. Which numbered box represents the core layer?

A. #1
B. #2
C. #3
D. #4
E. #5

Answer: C

Question: 5

Which two design criteria require VLANs in a proposed solution? (Choose two.)

A. video streaming on the LAN
B. security between departments

C. the segmenting of collision domains
D. the segmenting of broadcast domains
E. the use of multivendor equipment
F. a limited corporate budget

Answer: B,D

Question: 6

Which three sources does a network designer use to collect information for characterizing an existing network? (Choose three.)

A. staff input
B. visual inventory
C. network audit
D. traffic analysis
E. server statistics

Answer: A,C,D

Question: 7

Which Cisco security mechanism has the attributes listed below?
• it is a sensor appliance
• it searches for potential attacks by capturing and analyzing traffic
• it is a "purpose-built device"
• it is installed passively
• it introduces no delay or overhead

A. IKE
B. PIX
C. HIPS
D. NIDS
E. HMAC

Answer: D

Question: 8

Which three pieces of information should be documented for each step in a design implementation plan? (Choose three.)

A. step description
B. design document references
C. easy guidelines in case of failure
D. estimated implementation time
E. simple implementation guidelines
F. estimated rollback time in case of failure

Answer: A,B,D

Question: 9

A company is implementing an Identity Management solution with these characteristics:
• existing AAA Server
• Cisco Catalyst switches
• minimal added investments
Which Cisco Trust and Identity Management solution would you recommend?

A. NAC Appliance
B. Cisco IBNS
C. CSM
D. Cisco Security MARS

Answer: B

Question: 10

Which Cisco device management feature is most suited to metering network traffic and providing data for billing network usage?

A. BGP
B. Cisco Discovery Protocol
C. QoS
D. RMON
E. NetFlow

Answer: E

Question: 11

What are three valid methods of gathering information about an existing data network? (Choose three.)

A. Use organizational input.

B. Perform a traffic analysis.
C. Analyze the user-mapping of a running application.
D. Perform a packet-level audit to verify carrier service guarantees.
E. Perform a network audit to gather more detail about the network.
F. Use reports that analyze the metrics of the customer's existing network.

Answer: A,B,E

Question: 12

Which two routing protocols converge most quickly? (Choose two.)

A. RIPv1
B. RIPv2
C. BGP
D. OSPF
E. EIGRP

Answer: D,E

Question: 13

What is the benefit of VLSM?

A. reduces configuration complexity by using the same subnet mask length
B. reduces the routing table size by using automatic route summarization
C. reduces the routing table size by using manual route summarization
D. allows the subnet mask and classful routing updates to be advertised
E. secures the hosts on a subnet by using RFC 1918 addresses

Answer: C

Question: 14

You want to gather as much detail as possible during a network audit with a minimal impact on the network devices themselves.
Which tool would you use to include data time stamping across a large number of interfaces while being customized according to each interface?

A. RMON
B. SNMPv3
C. NetFlow

D. Cisco Discovery Protocol

Answer: C

Question: 15

What is the primary consideration when choosing a routed network design over a traditional campus network design?

A. Layer 3 service support at the network edge
B. the routing protocol choice: open (OSPF) or proprietary (EIGRP)
C. the routing abilities of the host devices
D. the need to control the broadcast domains within the campus core

Answer: A

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