

642-873^{Q&As}

Designing Cisco network Service Architectures (ARCH)

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QUESTION 1

What are two characteristics of Server Load Balancing router mode? (Choose two.)

- A. The design supports multiple server subnets.
- B. An end-user sees the IP address of the real server.
- C. SLB routes between the outside and inside subnets.
- D. The source or destination MAC address is rewritten, but the IP addresses left alone.
- E. SLB acts as a "bump in the wire" between servers and upstream firewall or Layer 3 devices.

Correct Answer: AC

QUESTION 2

Private lines make use of which connection type based on cell switching?

- A. ATM
- B. ISP MPLS VPN
- C. VTI
- D. VPLS

Correct Answer: A

QUESTION 3

A company uses BGP to connect with the ISP on the enterprise network and wants to improve performance due to the increasing number of iBGP peers. Which two design solutions address the iBGP full mesh requirement? (Choose two.)

- A. route reflectors
- B. confederations
- C. AS path prepending
- D. communities
- E. conditional advertising

Correct Answer: AB

QUESTION 4

Which route summarization most efficiently reduces perceived network complexity that is composed of subnetworks ranging from 172.16.20.0/24 to 172.16.36.0/24?

- A. 172.16.8.0/21
- B. 172.16.8.0/19
- C. 172.16.20.0/20
- D. 172.16.0.0/18
- E. 172.16.20.0/19

Correct Answer: D

QUESTION 5

Which feature can be used in the Cisco Nexus 7000 to create a snapshot of the current configuration?

- A. Cisco FabricPath
- B. HSRP
- C. Rollback
- D. vPC

Correct Answer: C

QUESTION 6

DRAG DROP

Select and Place:

Drag the characteristic on the left to the corresponding IPsec VPN solution on the right.

Use a single GRE interface for static meshing with each spoke with Keepalive support	Easy VPN
Supports Multicast and dynamic peer discovery with on-demand tunnel creation	GRE over IPSEC
Provide end-to-end security for voice, video, and data in a native (nontunneled) mode	DMVPN
Easy to maintain, with no support required for dynamic routing, multicast, or dynamic meshing	VTI
Use a virtual interface for static meshing	GET VPN

Correct Answer:

Drag the characteristic on the left to the corresponding IPSec VPN solution on the right.

Easy to maintain, with no support required for dynamic routing, multicast, or dynamic meshing

Use a single GRE interface for static meshing with each spoke with Keepalive support

Supports Multicast and dynamic peer discovery with on-demand tunnel creation

Use a virtual interface for static meshing

Provide end-to-end security for voice, video, and data in a native (nontunneled) mode

QUESTION 7

An engineer notices that many BGP peers utilize the same configuration parameters. What can the engineer configure to simplify BGP neighbor statements and generate more efficient BGP peer updates?

- A. peer groups
- B. policy templates
- C. session templates
- D. peer address families

Correct Answer: A

QUESTION 8

Which Cisco NAC Appliance component is optional?

- A. NAC Appliance Manager
- B. NAC Appliance Server
- C. NAC Appliance Agent
- D. NAC Appliance Policy Updates

Correct Answer: C

QUESTION 9

Which option describes the effect of using softphones instead of VoIP handsets on QoS implementation for the voice traffic?

- A. It provides a Layer 2 CoS marking in the frames that can be used for QoS implementation.

- B. Using softphones means that 802.1Q tagging must be configured between the PC and the switch.
- C. The voice traffic of softphones is mixed with data traffic of PC on the access VLAN.
- D. By using softphones, the implementation of a QoS depends only on trusting DSCP markings set by the PC.

Correct Answer: C

QUESTION 10

Which two ways to manage scalability issues inside an IBGP domain with 20 or more routers are recommended? (Choose two.)

- A. Configure route reflectors.
- B. Use OSPF instead of EIGRP as an underlying routing protocol.
- C. Create a full mesh at Layer 1.
- D. Configure confederations.
- E. Configure static routes between all routers.

Correct Answer: AD

QUESTION 11

Which IPv4 multicast technical component measure provides architectural security?

- A. IGMP max groups
- B. access lists
- C. scoped addresses
- D. state limit

Correct Answer: C

QUESTION 12

Which first-hop redundancy protocol that was designed by Cisco allows packet load sharing among groups of redundant routers?

- A. GLBP
- B. HSRP
- C. VRRP
- D. VSS

Correct Answer: A

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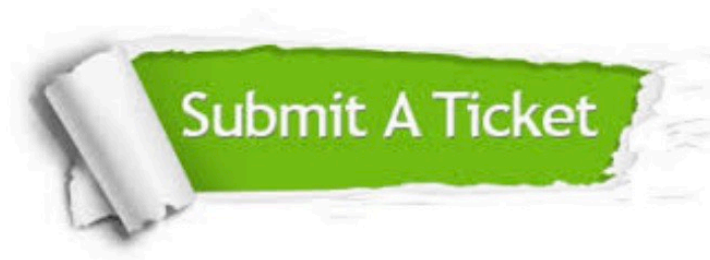
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