Cisco

Exam Questions 300-420

Designing Cisco Enterprise Networks (ENSLD)

NEW QUESTION 1
Which control-plane technology allows the same subnet to exist across multiple network locations?

A. LISP
B. VXLAN
C. FabricPath
D. ISE mobility services

Answer: B

NEW QUESTION 2
When vEdge router redundancy is designed, which FHRP is supported?

A. HSRP
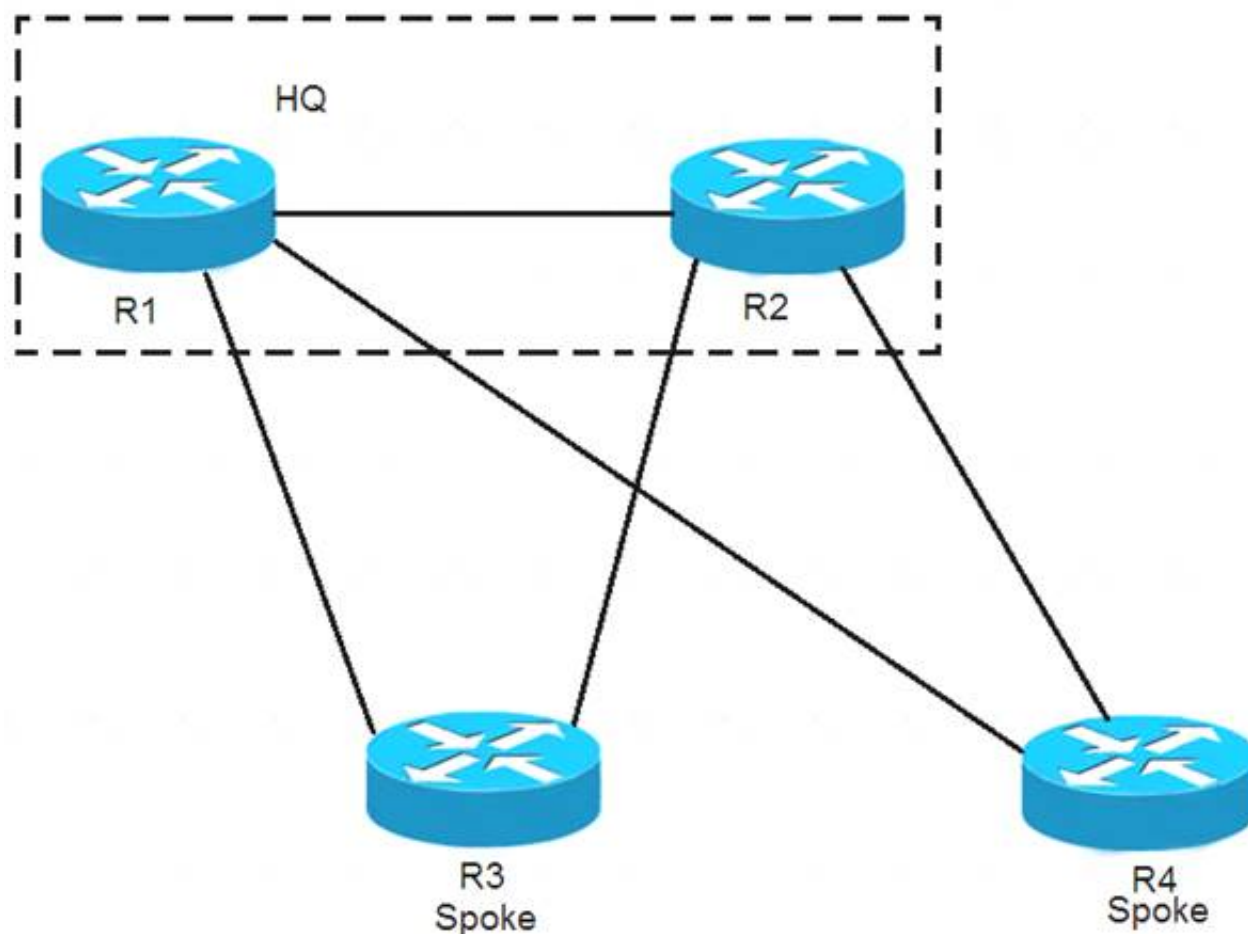B. OMP
C. GLBP
D. VRRP

Answer: D

NEW QUESTION 3
Which OSPF area blocks LSA Type 3, 4 and 5, but allows a default summary route?

A. normal
B. stub
C. NSSA
D. totally stubby

Answer: D

NEW QUESTION 4
Refer to the exhibit.

EIGRP has been configured on all links. The spoke nodes have been configured as EIGRP stubs, and the WAN links to R3 have higher bandwidth and lower delay than the links to R4. When a
link failure occurs at the R1-R2 link, what happens to traffic on R1 that is destined for a subnet attached to R2?

A. R1 has no route to R2 and drops the traffic
B. R1 load-balances across the paths through R3 and R4 to reach R2
C. R1 forwards the traffic to R3, but R3 drops the traffic
D. R1 forwards the traffic to R3 in order to reach R2

Answer: D

NEW QUESTION 5
Which solution allows overlay VNs to communicate with each other in an SD-WAN Architecture?

A. External fusion routers can be used to map VNs to VRFs and selectively route traffic between VRFs.
B. GRE tunneling can be configured between fabric edges to connect one VN to another.
C. SGTs can be used to permit traffic from one VN to another.

D. Route leaking can be used on the fabric border nodes to inject routes from one VN to another.

Answer: B

NEW QUESTION 6
An engineer must design a multicast network for a financial application. Most of the multicast sources also receive multicast traffic (many-to-many deployment model). To better scale routing tables, the design must not use source trees. Which multicast protocol satisfies these requirements?

A. PIM-SSM
B. PIM-SM
C. MSDP
D. BIDIR-PIM

Answer: B

NEW QUESTION 7
Drag and drop the properties from the left onto the protocols they describe on the right.

HTTPS-based	NETCONF
SSH-based	
built to support candidate configuration	
lacks support for two-phase commit transactions	RESTCONF

A. Mastered
B. Not Mastered

Answer: A

Explanation:

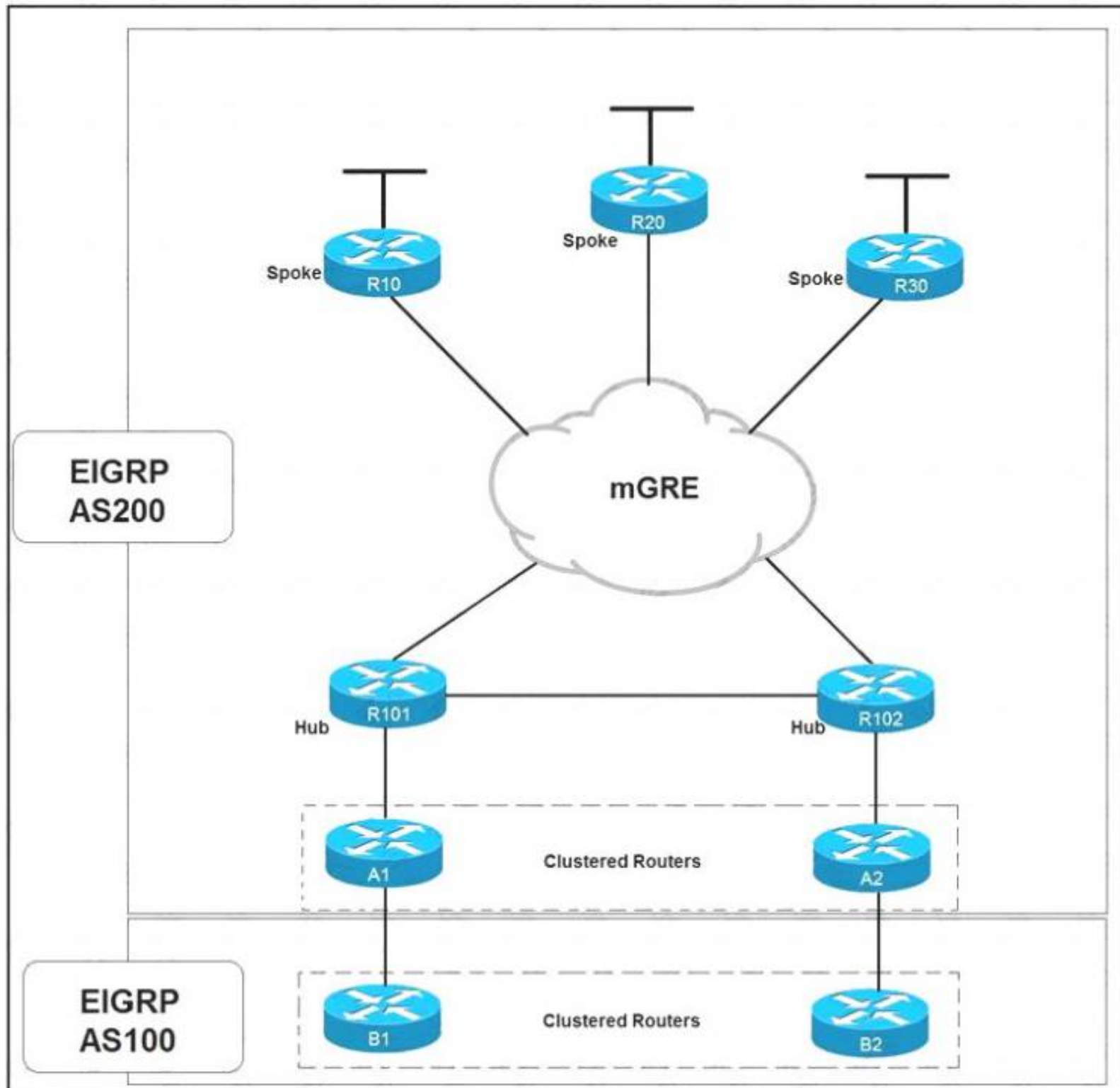| HTTPS-based | NETCONF |
SSH-based	SSH-based
built to support candidate configuration	built to support candidate configuration
lacks support for two-phase commit transactions	RESTCONF
	HTTPS-based
	lacks support for two-phase commit transactions

NEW QUESTION 8
When designing interdomain multicast, which two protocols are deployed to achieve communication between multicast sources and receivers? (Choose two.)

A. IGMPv2
B. BIDIR-PIM
C. MP-BGP
D. MSDP
E. MLD

Answer: CD

NEW QUESTION 9
Refer to the exhibit.

Which solution decreases the EIGRP convergence time?

A. Enable subsecond timers
B. Increase the hold time value
C. Increase the dead timer value
D. Enable stub routing on the spokes

Answer: D

NEW QUESTION 10
Which feature must be incorporated into the campus LAN design to enable Wake on LAN?

A. dynamic ARP Inspection Snooping on layer 2 devices
B. directed broadcasts on layer 3 devices
C. proxy ARP on layer 3 devices
D. DHCP Snooping on layer 2 devices

Answer: B

NEW QUESTION 10
An engineer must design a VPN solution for a company that has multiple branches connecting to a main office. What are two advantages of using DMVPN instead of IPsec tunnels to accomplish this task? (Choose two.)

A. support for AES 256-bit encryption
B. greater scalability
C. support for anycast gateway
D. lower traffic overhead
E. dynamic spoke-to-spoke tunnels

Answer: BE

NEW QUESTION 11

Which function are fabric intermediate nodes responsible for in an SD-Access Architecture?

A. mapping EIDs to RLOCs
B. encapsulating user traffic in a VXLAN header including the SGT
C. registering new endpoints in the HTDB
D. transporting IP packets between edge nodes and border nodes

Answer: D

NEW QUESTION 14

Which two routing protocols allow for unequal cost load balancing? (Choose two.)

A. EIGRP
B. IS-IS
C. BGP
D. OSPF
E. RIPng

Answer: AC

NEW QUESTION 16

A company with multiple service providers wants to speed up BGP convergence time in the event a failure occurs with their primary link. Which approach achieves this goal and does not impact router CPU utilization?

A. Utilize BFD and tune the multiplier to 50
B. Lower the BGP hello interval
C. Decrease the BGP keepalive timer
D. Utilize BFD and keep the default BGP timers

Answer: C

NEW QUESTION 19

Which design consideration should be observed when EIGRP is configured on Data Center switches?

A. Perform manual summarization on all Layer 3 interfaces to minimize the size of the routing table.
B. Prevent unnecessary EIGRP neighborships from forming across switch virtual interfaces.
C. Lower EIGRP hello and hold timers to their minimum settings to ensure rapid route reconvergence.
D. Configure multiple EIGRP autonomous systems to segment Data Center services and applications.

Answer: A

NEW QUESTION 24

Which routes does the overlay management protocol advertise in an SD-WAN overlay?

A. underlay, MPLS, and overlay
B. primary, backup, and load-balanced
C. prefix, TLOC, and service
D. Internet, MPLS, and backup

Answer: C

NEW QUESTION 25

Company A recently acquired another company. Users of the newly acquired company must be able to access a server that exists on Company A's network, both companies use overlapping IP address ranges. Which action conserves IP address space and provides access to the server?

A. Use a single IP address to create overload NAT
B. Use a single IP address to create a static NAT entry
C. Build one-to-one NAT translation for every user that needs access
D. Re-IP overlapping address space in the acquired company

Answer: A

NEW QUESTION 29

How do endpoints inside an SD-Access network reach resources outside the fabric?

A. a VRF fusion router is used to map resources in one VN to another VN
B. Fabric borders use VRFs to map VNs to VRFs
C. SD-Access transit links are used to transport encapsulated traffic from one fabric to another
D. A fabric edge is used to de-encapsulate VXLAN traffic to normal IP traffic then transported over the outside network

Answer: D

NEW QUESTION 33

Which two BGP features will result in successful route exchanges between eBGP neighbors sharing the same AS number? (Choose two.)

A. advertise-best-external
B. bestpath as-path ignore
C. client-to-client reflection
D. as-override
E. allow-as-in

Answer: DE

NEW QUESTION 36
An engineer is designing an enterprise campus network. The LAN infrastructure consists of switches from multiple vendors, and Spanning Tree must be used as a Layer 2 loop prevention mechanism. All configured VLANs must be grouped in two SIP instances. Which standards-based Spanning Tree technology supports this design solution?

A. MSTP
B. RSTP
C. Rapid PVST
D. STP

Answer: A

NEW QUESTION 38
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

300-420 Practice Exam Features:

* 300-420 Questions and Answers Updated Frequently

* 300-420 Practice Questions Verified by Expert Senior Certified Staff

* 300-420 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 300-420 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
Order The 300-420 Practice Test Here