

Exam Questions 300-420

Designing Cisco Enterprise Networks (ENSLD)

<https://www.2passeasy.com/dumps/300-420/>



NEW QUESTION 1

A company is running BGP on a single router, which has two connections to the same ISP. Which BGP feature ensures traffic is load balanced across the two links to the ISP?

- A. Multihop
- B. Multipath Load Sharing
- C. Next-Hop Address Tracking
- D. AS-Path Prepending

Answer: B

NEW QUESTION 2

An engineer is working for a large cable TV provider that requires multiple sources streaming video on different channels using multicast with no rendezvous point. Which multicast protocol meets these requirements?

- A. PIM-SM
- B. PIM-SSM
- C. any-source multicast
- D. BIDIR-PIM

Answer: D

NEW QUESTION 3

What are two valid scaling techniques when an EIGRP network is designed that consists of more than 1000 routers? (Choose two.)

- A. Use structured hierarchical topology with route summarization
- B. Used sub-second timers
- C. Use the distribute-list command to filter routes
- D. Modify delay parameters on the links
- E. Implement multiple EIGRP autonomous systems

Answer: AE

NEW QUESTION 4

What is an advantage of designing an out-of-band network management solution?

- A. In the event of a production network outage, network devices can still be managed.
- B. There is no separation between the production network and the management network.
- C. In the event of a production network outage, it can be used as a backup network path.
- D. It is less expensive than an in-band management solution

Answer: A

NEW QUESTION 5

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 6

Which design consideration must be made when dual vEdge routers are deployed at a branch site?

- A. Use BGP AS-path prepending to influence egress traffic and use MED to influence ingress traffic from the branch.
- B. HSRP priorities must match the OMP routing policy to prefer one vEdge over the other.
- C. Traffic must be symmetrical as it egresses the vEdges and returns from remote sites for DPI to function properly.
- D. Configure BFD between vEdge routers to detect sub-second link failures.

Answer: A

NEW QUESTION 7

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 8

An engineer must propose a QoS architecture model that allows an application to inform the network of its traffic profile and to request a particular type of service to support its bandwidth and delay requirements. The application requires consistent and dedicated bandwidth end to end. Which QoS architecture model meets these requirements?

- A. DiffServ
- B. LLQ
- C. WRED
- D. IntServ

Answer: D

NEW QUESTION 9

A network engineer must connect two sites across a public network using a secure tunneling technology that supports multicast traffic. Which technology must be chosen?

- A. IPsec
- B. GRE
- C. PPTP
- D. GRE over IPsec

Answer: D

NEW QUESTION 10

Which two statements describe source trees in a multicast environment? (Choose two.)

- A. Source trees guarantee the minimum amount of network latency for forwarding multicast traffic
- B. Source trees create an optimal path between the source and the receivers
- C. Source trees use a single common root placed at some chosen point in the network
- D. Source trees can introduce latency in packet delivery
- E. Source trees can create suboptimal paths between the source and the receivers

Answer: AB

NEW QUESTION 10

In an SD-WAN architecture, which methods are used to bootstrap a vEdge router?

- A. DHCP options or manual configuration
- B. vManage or DNS records
- C. ZTP or manual configuration
- D. DNS records or DHCP options

Answer: C

NEW QUESTION 11

Which feature is required for graceful restart to recover from a processor failure?

- A. Cisco Express Forwarding
- B. Virtual Switch System
- C. Stateful Switchover
- D. Bidirectional Forwarding Detection

Answer: A

NEW QUESTION 13

When IPsec VPNs are designed, what is a unique requirement if support for IP Multicast is required?

- A. encapsulation of traffic with GRE or VTI
- B. IPsec forwarding using transport mode
- C. additional bandwidth for headend
- D. IPsec forwarding using tunnel mode

Answer: A

NEW QUESTION 14

What are two benefits of designing an SD-WAN network fabric with direct Internet access implemented at every site? (Choose two.)

- A. It decreases latency to applications hosted by public cloud service provider.
- B. It decreases latency on Internet circuits.
- C. It increases the speed of delivery of site deployments through zero-touch provisioning.
- D. It increases the total available bandwidth on Internet circuits.
- E. It alleviates network traffic on MPLS circuits.

Answer: AE

NEW QUESTION 18

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 22

Which NETCONF operation creates filtering that is specific to the session notifications?

- A. <create-subscription>
- B. <commit>
- C. <notification>
- D. <logging>

Answer: A

NEW QUESTION 23

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 300-420 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 300-420 Product From:

<https://www.2passeasy.com/dumps/300-420/>

Money Back Guarantee

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