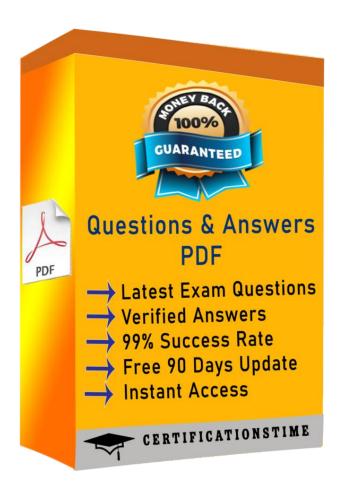




Exam Questions 400-201

CCIE SP CCIE Service Provider Written Exam

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Which are two benefits of using segment routing over RSVP-TE for traffic engineering? (Choose two)

- A. Segment routing traffic engineering tunnels always follow the low-latency path
- B. ECMP-aware traffic engineering is natively supported by segment routing
- C. Per-flow state is present only at the ingress node to the Segment routing-enabled network
- D. Per-flow state is present at the ingress and egress node to the segment routing-enabled network
- E. Per-flow state is maintained on all nodes of the segment routing-enabled network

Answer: B, C

Question: 2

What is one of the functions of a LISP ingress tunnel router?

- A. Ability to integrity-check LISP site registration messages using a SHA2-based HMAC algorithm
- B. Responsible for finding EID-to-RLOC mappings for all traffic destined for LISP-capable sites
- C. Accept encapsulation Map-request messages, decapsulate them to the MS responsible for the ETR authoritative for the requested EIDs
- D. Allows EIDs and RLOCs to communicate in a LISP site that contains EIDs in one address family and RLOCs in a different address family

Answer: B

Question: 3

An support engineer has been tasked to protect an ISP infrastructure from the growing number of encrypted DDoS attacks. The solution should also validate the eBGP peering. Which solution accomplishes these goals?

A. BGP FlowSpec

B. BTSH

C. BGP Route Dampening

D. BGP LS

E. RTBH

Answer: E

Question: 4

ISP A provides L2VPN services to Company B through an MPLS network. Company B uses all available CoS values to classify and different traffic forwarding within all Company B sites. ISP A uses the following CoS values to differentiate service classes for the VPN customer traffic

- *MPLS EXP 0 for Bronze service class
- *MPLS EXP 1 for Silver service class
- *MPLS EXP 2 for Gold service class
- *Remaining MPLS EXP values for ISP A internal use

ISP A's policy is to forward VPN customer traffic based only on their Bronze, silver and Gold service classes. Which QoS method must ISP A implement to achieve this?

- A. Short-pipe Mode
- B. Russian Doll Model
- C. Pipe Mode
- D. Uniform Mode
- E. Maximum Allocation Model

Answer: D

Question: 5

Which are the two limitations of the predefined NAT solution? (Choose two)

- A. The Bulk port allocation configuration is not available
- B. The global port limit parameter is not available for the predefined mode
- C. Only the port-presentation option is available
- D. NetFlow and syslog are notsupported
- E. It cannot be configured for each of the inside VRF instance

Answer: A,B

Question: 6



Which two options are characteristics of MoFRR? (Choose two)

- A. Uses additional PIM join toward source
- B. Based on multicast forward error correction feature
- C. Based on PIM Fast Route
- D. Requires MPLS TE FRR enabled with link protection and node protection
- E. Utilizestwo equal-cost paths toward source

Answer: A, E

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