



300-420^{Q&As}

Designing Cisco Enterprise Networks (ENSLD)

Pass Cisco 300-420 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/300-420.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

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

Correct Answer: A

QUESTION 2

Refer to the exhibit.



```
policy-map WAN-DC-LINK
class VOICE
  priority percent 17
class VIDEO
  priority percent 16
class SIGNALLING
  bandwidth percent 5
class ROUTING
  bandwidth percent 6
class MISSION-CRITICAL
  bandwidth percent 26
  random-detect dscp-based
class BULK
  bandwidth percent 5
  random-detect dscp-based
class SCAVENGER
  bandwidth percent 1
class class-default
  bandwidth percent 24
  random-detect
!
class-map match-all BULK
match ip dscp af11 af12
class-map match-all VIDEO
match ip dscp af41 af42
class-map match-any ROUTING
match ip dscp cs6
class-map match-all MISSION-CRITICAL
match ip dscp af21 af22
class-map match-any SIGNALLING
match ip dscp cs3
match ip dscp af31
```

A customer needs to apply QoS to the network management traffic passing through the GigabitEthernet0/2 interface. All eight queuing classes are in use, so the new requirement must be integrated into the existing policy. Which solution must the customer choose?

- A. Mark traffic to DSCP CS5 and assign it to the SIGNALLING class. Then, baseline existing queue sizes to determine if additional bandwidth can be provisioned to the SIGNALLING class.
- B. Mark the traffic to DSCP CS4 and assign it to the SIGNALLING class. Then, prioritize traffic within the class.



C. Mark the traffic to DSCP CS6 and assign it to the ROUTING class Then, prioritize traffic within the class.

D. Mark the traffic to DSCP CS2 and assign it to the ROUTING class Then, baseline existing queue sizes to determine if additional bandwidth can be provisioned to the ROUTING class

Correct Answer: D

QUESTION 3

When vEdge router redundancy is designed, which FHRP is supported?

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

Correct Answer: D

QUESTION 4

An engineer is designing a multicast network for a company specializing in VoD content. Receivers are across the Internet, and for performance reasons, the multicast framework must be close to the receivers within each AS. For high availability, if the sources in one AS are no longer available, the receivers of that AS must be able to receive the VoD content from the sources in another AS. Which feature must the design include?

- A. SSM
- B. anycast RP
- C. bidirectional PIM
- D. MSDP

Correct Answer: B

<https://learningnetwork.cisco.com/s/question/0D53i00000KsrGrCAJ/rendezvous-point-high-availability-mechanisms>

QUESTION 5

Which component is part of the Cisco SD-Access overlay architecture?

- A. border node
- B. spine node
- C. leaf node



D. Cisco DNA Center

Correct Answer: D

[300-420 Practice Test](#)

[300-420 Exam Questions](#)

[300-420 Braindumps](#)