Vendor: Cisco

Exam Code: 200-310

Exam Name: Designing for Cisco Internetwork Solutions (DESGN) v3.0

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Q & As: 288

QUESTION 1
According to Cisco best practices, which traffic control should you apply to the strict priority queue?

A. Bandwidth should be limited to one-third of the link capacity.
B. Bandwidth should be limited to 768 kbps.
C. Limits should be applied to non-real-time traffic and all real-time traffic should be permitted.
D. The link serialization delay should be set to less than 100 ms.

Correct Answer: A

QUESTION 2
What is the benefit of using VLSM?

A. To save a wasting of IP Address
B. To expand a subnet

Correct Answer: A

QUESTION 3
Which command is correct for creating a virtual interface on a Cisco wireless controller?

A. config create interface
B. tag interface
C. config interface address
D. untag interface

Correct Answer: C

QUESTION 4
Multicast has been enabled and configured in the Enterprise, and PIM Sparse-mode has been enabled on all VLANs. What feature is required to stop multicast traffic from being broadcasted on the access layer switches?

A. IGMP snooping
B. Multicast boundary filter
C. PIM dense-mode
D. Dynamic ARP inspection

Correct Answer: A

QUESTION 5
Which design enables easy and flexible scaling in the Cisco Enterprise Architecture model?

A. modular
B. top-down
C. bottom-up
D. full-mesh

Correct Answer: A

QUESTION 6
Which two Cisco products can be used in a data center to support OTV technology? (Choose two.)

A. Cisco Nexus 5500 Series Switches
B. Cisco Nexus 7000 Series Switches
C. Cisco ASR 1000 Series Routers
D. Cisco ASR 9000 Series Routers
E. Cisco Nexus 3000 Series Switches

Correct Answer: BC

QUESTION 7
What two SAN protocols will allow a customer to utilize 10GbE for SAN access? (Choose two.)

A. ISCSI
B. FCoE
C. SATA
D. Fiber Channel
E. AoE

Correct Answer: AB

QUESTION 8
Which protocol is used for voice bearer traffic?

A. MGCP
B. RTP
C. SCCP
D. CDP
E. ICMP

Correct Answer: B

QUESTION 9
Which first-hop redundancy protocol dynamically distributes client traffic between multiple routers?

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

Correct Answer: C

QUESTION 10
Refer to the exhibit. A network engineer at a technical call center receives a call from a customer complaining that only 56 kbps of data can be transferred over the T1 Frame Relay WAN circuit at a remote site. The engineer checks the Frame Relay switch and confirms that only 56 kbps is being transferred over the circuit. The engineer requests the router configuration of the customer headquarters site router. What is causing this issue to occur?
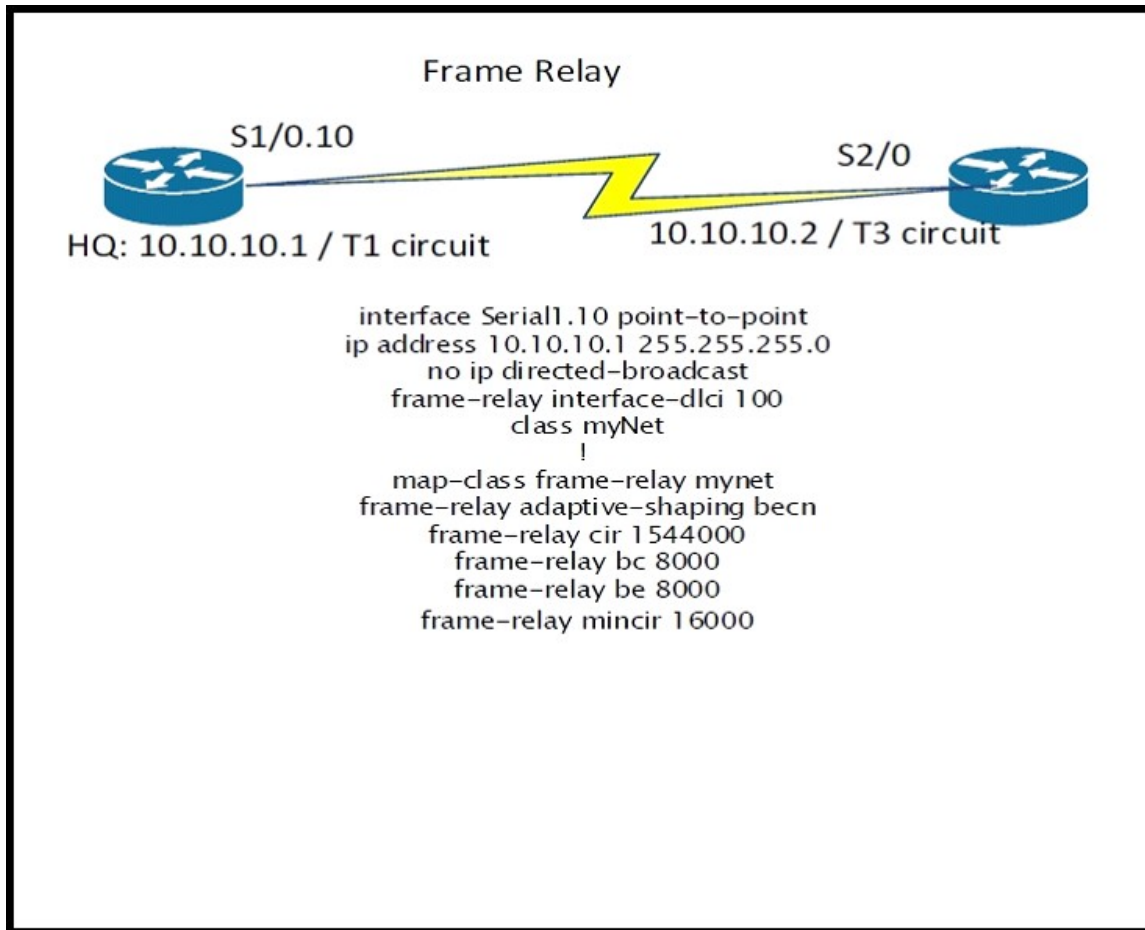
A. The wrong CIR is configured.
B. The BECN configuration is causing this issue.
C. The class name is spelled wrong under the interface.
D. The wrong DLCI number is assigned to the interface.

Correct Answer: C

QUESTION 11
What two addresses are defined under RFC 1918? (Choose two.)

A. 19.22.37.1
B. 10.1.7.19
C. 127.0.0.1
D. 172.31.1.1
E. 239.15.12.1
Correct Answer: BD

QUESTION 12
A network engineer is tasked with summarizing the routes to a remote site. What is the optimal
route statement to connect to the 192.168.101.0/24 and 192.168.102.0/24 networks across the
corporate WAN?