



# 642-885<sup>Q&As</sup>

Deploying Cisco Service Provider Advanced Routing

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**QUESTION 1**

Which two options are advantages of an IPv6 dual-stack implementation in an enterprise environment? (Choose two.)

- A. simplifies the route redistribution policies complexity
- B. requires IPv6-to-IPv4 translation on the uplinks to the service providers
- C. provides built-in support for Kerberos authentication
- D. does not have to worry about NAT traversal
- E. supports multicast properly

Correct Answer: DE

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**QUESTION 2**

To which three IP multicast groups can a multicast MAC address "01-00-5E-4D-62-B1" listen? (Choose three.)

- A. 231.205.98.177
- B. 231.205.99.177
- C. 239.77.98.177
- D. 239.205.99.177
- E. 224.205.98.177
- F. 224.205.99.177

Correct Answer: ACE

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**QUESTION 3**

A network engineer must configure a Cisco IOS XR router with BGP dampening. Which configuration meets these parameters?

- A. router bgp 60 bgp dampening
- B. router bgp 60 neighbor 10.0.0.2 bgp dampening
- C. router bgp 60 address-family ipv4 unicast bgp dampening
- D. route-policy dampening\_specific drop ! router bgp 60 address-family ipv4 unicast bgp dampening route-policy dampening\_specific
- E. router bgp 60 address-family ipv4 bgp dampening

Correct Answer: C

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**QUESTION 4**

**Instructions**

Enter the proper CLI commands and analysis the outputs on the Cisco routers to answer the multiple-choice questions.

From the network topology diagram, click on each of the router icon to gain access to the console of each router.

No console or enable passwords are required.

There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

Not all the CLI commands or commands options are supported or required for this simulation.


For example, the show running-config and the ping commands are **NOT** supported in this simulation.

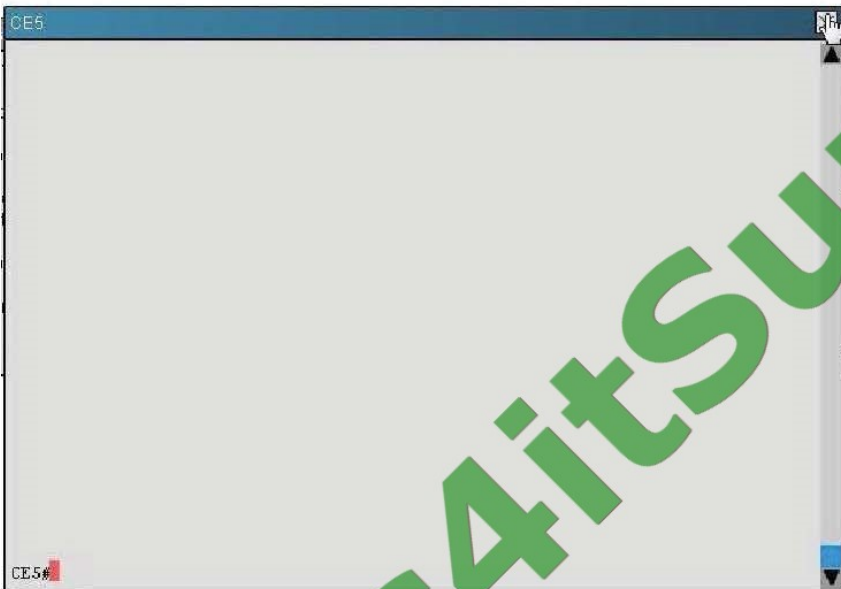
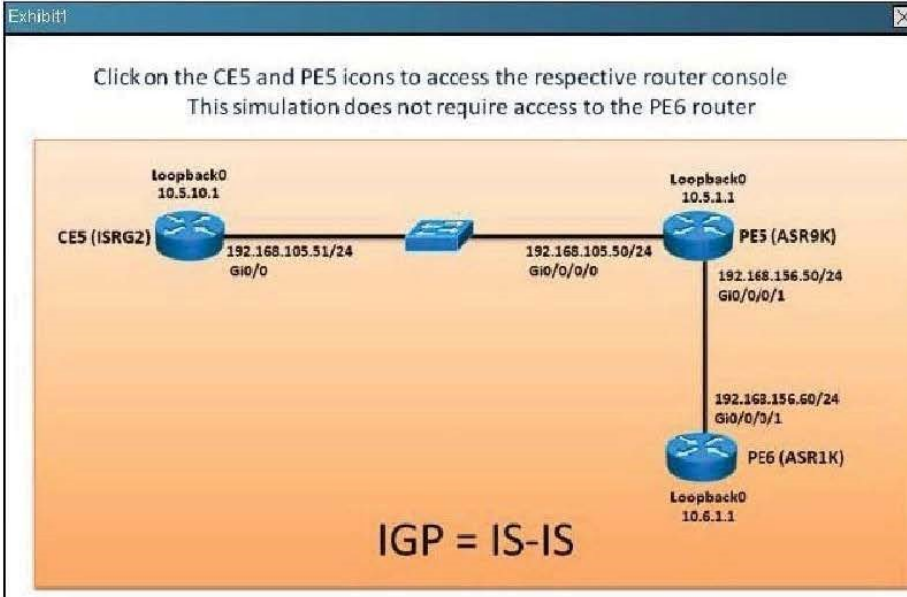
All the devices in this simulation have been pre-configured and you are not required to enter in any configurations.

**Scenario**

Referring to the network topology diagram shown in the exhibit, use the proper CLI commands on the CE5, PE5 and PE6 routers and interpret the supported CLI commands outputs to answer the four multiple choice questions.

Note: The CE5 router is an IOS router, the PE5 router is an IOS-XR router, and the PE6 router is an IOS-XE router.







Which three statements are correct regarding the various multicast groups? (Choose three.)

- A. Currently there is no source sending traffic to the 224.1.1.1 multicast group
- B. PE5 has a Null OILforthe (\*,224.0.1.40) entry
- C. PE5 has a Null OILforthe (\*,224.1.1.1) entry
- D. CE5 has joined the 224.0.1.40 multicast group
- E. CE5 has a Null OILforthe (\*,224.1.1.1) entry

Correct Answer: CDE

#show ip mroute

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### QUESTION 5

Which field in the IPv6 header can be used to set the DSCP value?

- A. Flow Label
- B. Type of Service
- C. Traffic Class
- D. Precedence
- E. EXP

Correct Answer: C

Traffic Class The Traffic Class field is an 8 bit field that is used to signify the importance of the data contained within this specific packet. With IPv4, this information was signified with the TOS field and supported both IP precedence and Differentiated Services Code Point (DSCP). The Traffic Class field used with IPv6 supports DSCP solely; this specification uses the first 6 bits to indicate the Per Hop Behavior (PHB) of the contained data; these PHB's are defined in RFC 2474 and its additions.

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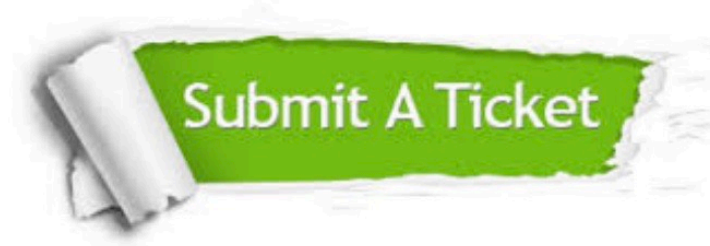
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