



300-510^{Q&As}

Implementing Cisco Service Provider Advanced Routing Solutions
(SPRI)

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QUESTION 1

For which reason can two devices fail to establish an OSPF neighbor relationship?

- A. The two devices have different process IDs
- B. The two devices have different network types
- C. The two devices have different router IDs
- D. The two devices have the same area ID

Correct Answer: B

Reference: <https://www.cisco.com/c/en/us/support/docs/ip/open-shortest-path-first-ospf/13699-29.html>

QUESTION 2

Refer to the exhibit.

```
router isis
 net 49.0012.0000.0000.0002.00
 log-adjacency-changes
 summary-address 1.0.0.0 255.0.0.0
```

A network engineer applied configuration on R1 to summarize all ISIS routes, but R2 is still receiving specific routes from R1. The engineer has confirmed that both routers are configured with the correct summarization configuration, but R1 is not sending the correct summary routes. Which configuration must be applied to router R1 to summarize routes within Level 1?

- A. R1(config-router)#no summary-address 1.0.0.0 255.0.0.0 level-1
- B. R1(config-router)#summary-address 1.0.0.0 255.0.0.0 level-2
- C. R1(config-router)#summary-address 1.0.0.0 255.0.0.0 level-1-2
- D. R1(config-router)#summary-address 1.0.0.0 255.0.0.0 level-1

Correct Answer: D

QUESTION 3

What are three requirements for a static IPv6-in-IPv4 tunnel? (Choose three.)

- A. A static IPv6 address must be configured.



- B. A dynamic IPv6 address must be configured.
- C. Cisco Express Forwarding must be enabled.
- D. Each tunnel endpoint must support IPv4 and IPv6.
- E. A static IPv4 address must be configured.
- F. A dynamic IPv4 address must be configured.

Correct Answer: ADF

QUESTION 4

While configuring Cisco NSF awareness, a network engineer enters the `bgp graceful-restart` command after the BGP session is established in a router that runs IOS XE Software. Graceful restart capabilities are not exchanged. Which two actions should be taken? (Choose two.)

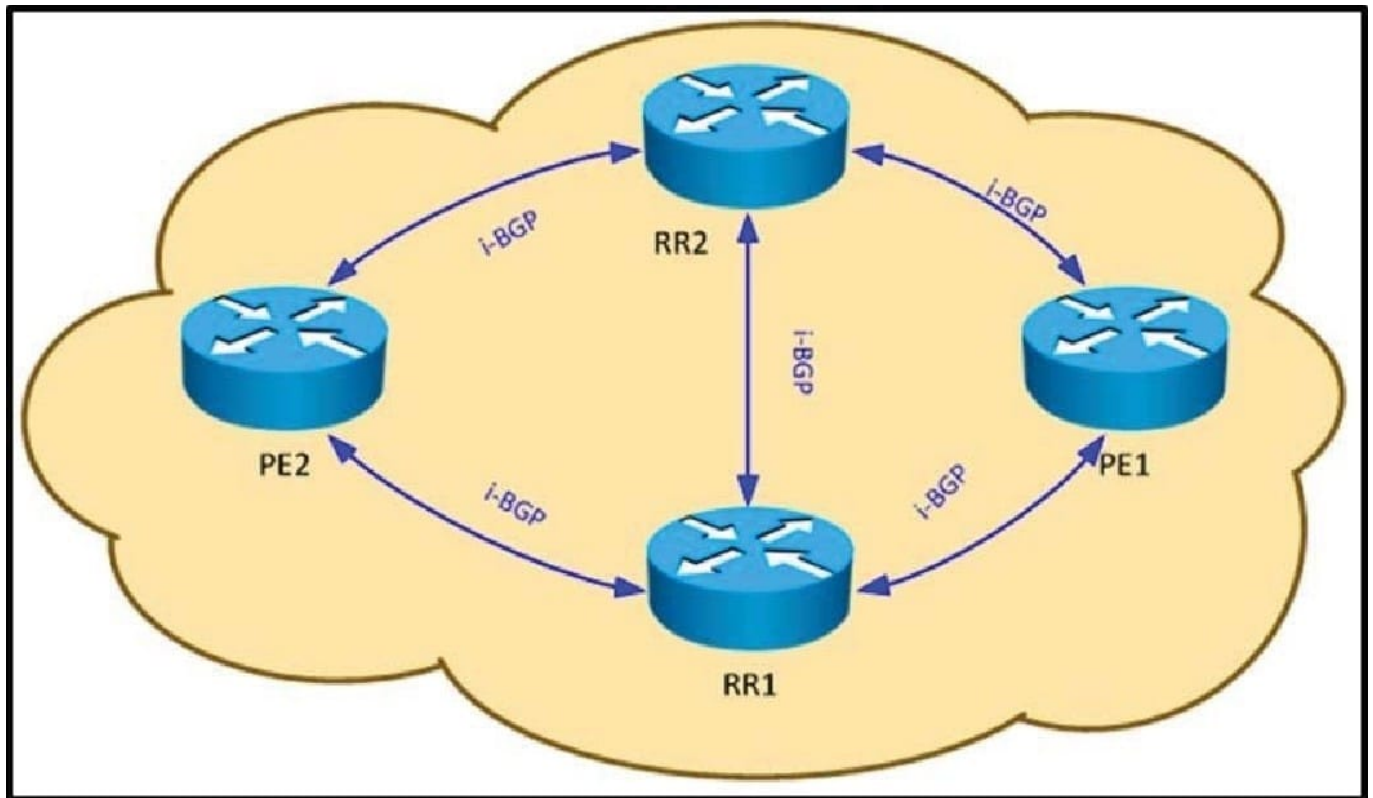
- A. Reload the router
- B. Verify that BGP route dampening is configured
- C. Reduce BGP convergence time
- D. Issue the `clear ip bgp *` command
- E. Issue the `show ip bgp neighbors` command.

Correct Answer: AD

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute_bgp/configuration/xe-16/irg-xe-16-book/bgp-nonstop-forwarding-awareness.html

QUESTION 5

Refer to the exhibit.



Which configuration ensures that RR2 does not send the same updates to PE2 that RR1 learns via PE1?

- A. RR1 and RR2 should have different router IDs.
- B. RR1 and RR2 should have different originator IDs.
- C. RR1 and RR2 should have the same router IDs.
- D. RR1 and RR2 should have the same cluster IDs.

Correct Answer: D

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