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300-510^{Q&As}

Implementing Cisco Service Provider Advanced Routing Solutions
(SPRI)

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QUESTION 1

DRAG DROP

An engineer is troubleshooting end-to-end customer traffic across an MPLS VPN service provider network.

Which tasks should the engineer use to solve the routing issues?

Drag and drop the table types from the left onto the most useful troubleshooting tasks/router types on the right. (Not all options are used.)

Select and Place:

LFIB	on the CE router to check for routing errors
LIB	on the P router to see LDP functionality
RIB	on PE and P router to verify expected forwarding
FIB	on VRF of the PE-CE connection
adjacency table	

Correct Answer:

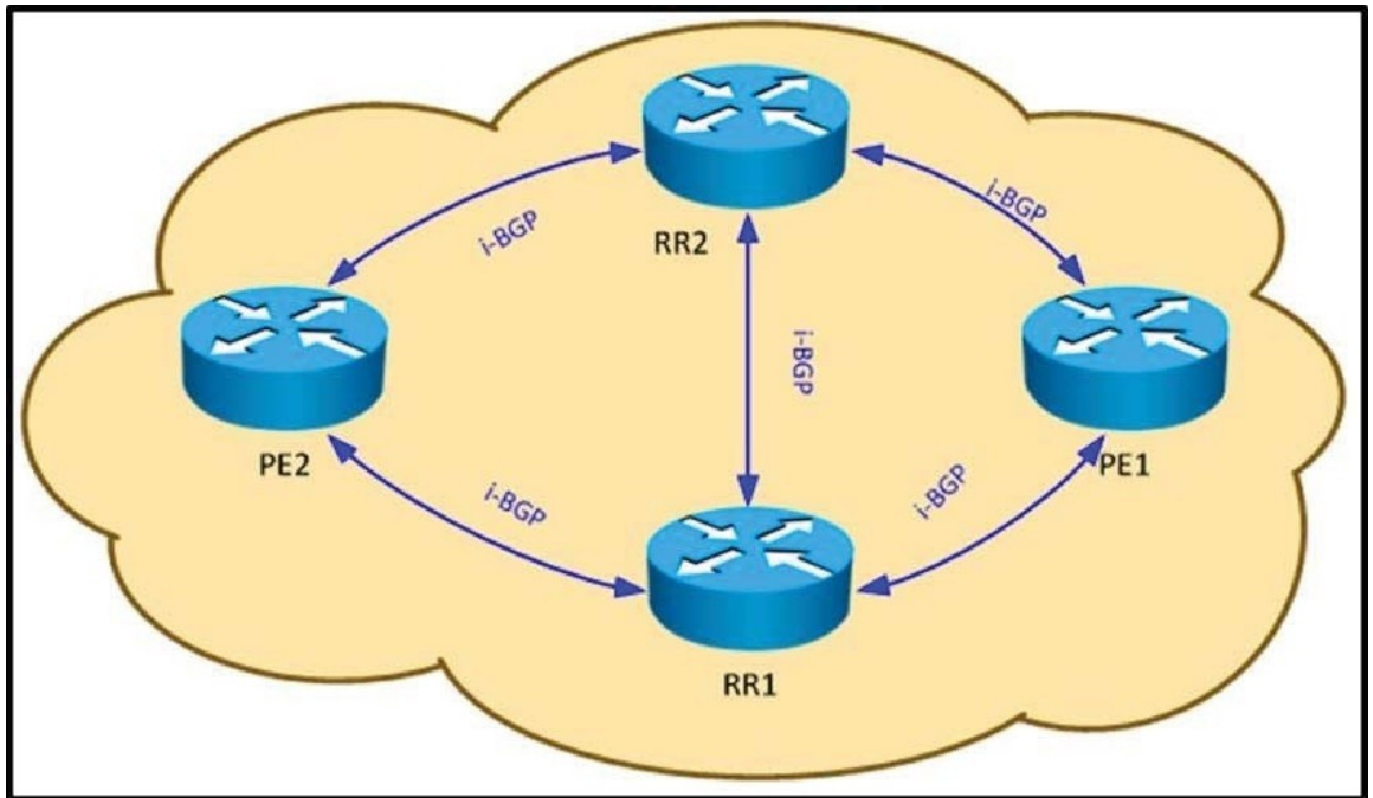|	
	RIB
	LIB
	LFIB
FIB	adjacency table

QUESTION 2

What is a requirement of PIM-SM?

A. It requires Cisco Express Forwarding to be enabled.

B. It must be enabled on loopback interfaces only

C. It requires OSPF to be configured on the network.

D. It must use an RP

Correct Answer: D

QUESTION 3

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

QUESTION 4

For which reason can two BGP peers fail to establish a neighbor relationship?

A. Their BGP send-community strings are misconfigured

B. Their BGP timers are mismatched

C. Their remote-as numbers are misconfigured

D. They are both activated under an IPv4 address family

Correct Answer: C

QUESTION 5

DRAG DROP

Compare different features between OSPFv2 and OSPFv3. Drag and drop the descriptions of OSPF from the left onto the correct OSPF versions on the right.

Select and Place:

introduced IPv6 support
introduced MD5 authentication
process network information on a per-link basis
processes network information on a per-subnet basis
uses a locally-significant instance ID

OSPFv3

OSPFv2

Correct Answer:

OSPFv3   5 / 5

> introduced IPv6 support

> process network information on a per-link basis

> uses a locally-significant instance ID

OSPFv2

> introduced MD5 authentication

> processes network information on a per-subnet basis

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