



300-510^{Q&As}

Implementing Cisco Service Provider Advanced Routing Solutions
(SPRI)

Pass Cisco 300-510 Exam with 100% Guarantee

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

<https://www.geekcert.com/300-510.html>

100% Passing Guarantee
100% Money Back Assurance

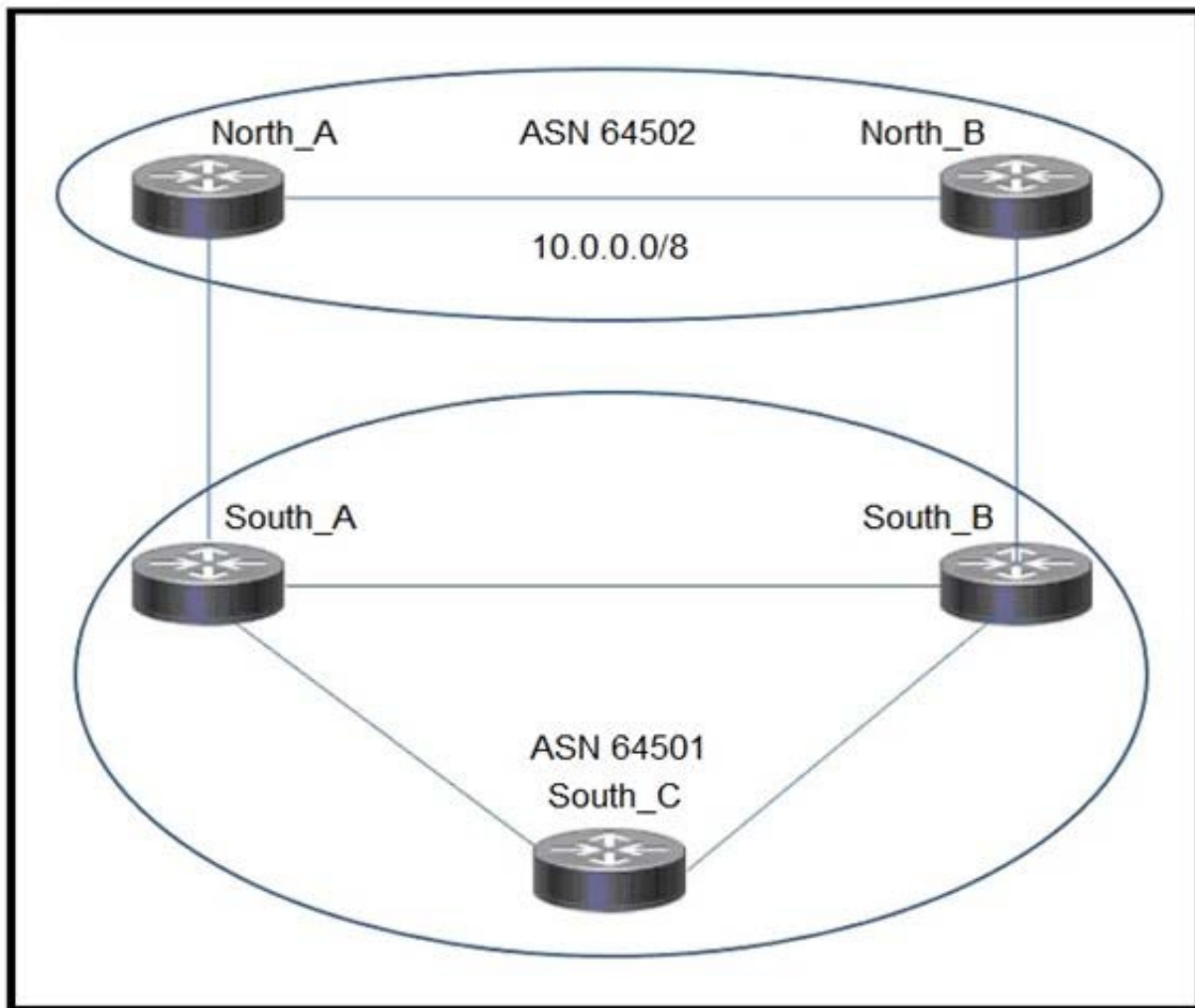
Following Questions and Answers are all new published by Cisco
Official Exam Center

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



**QUESTION 1**

Refer to the exhibit.



A network engineer sets up a multihoming eBGP topology where multiple Autonomous Systems connect to ASN 64501. The engineer wants to block all the routes coming from ASN 64502 but allow all the others. For that purpose, the following AS Path prefix list is being used: (config)#ip as-path access-list 10 deny _64502\$ What must be fixed to achieve this result?

- A. The AS-PATH filter must be defined inside the route-map mode
- B. The statement must be modified with ip as-path access-list 1 deny _64502_
- C. The statement must be modified with ip as-path access-list 1 deny ^64502\$
- D. At the end, ip as-path access-list 10 permit.* must be included

Correct Answer: D



QUESTION 2

When deploying a nationwide network of routers, what is the benefit of using BGP confederations?

- A. availability
- B. scalability
- C. security
- D. automatability

Correct Answer: B

Reference: <https://www.routerfreak.com/bgp-network-design-bgp-confederation/>

QUESTION 3

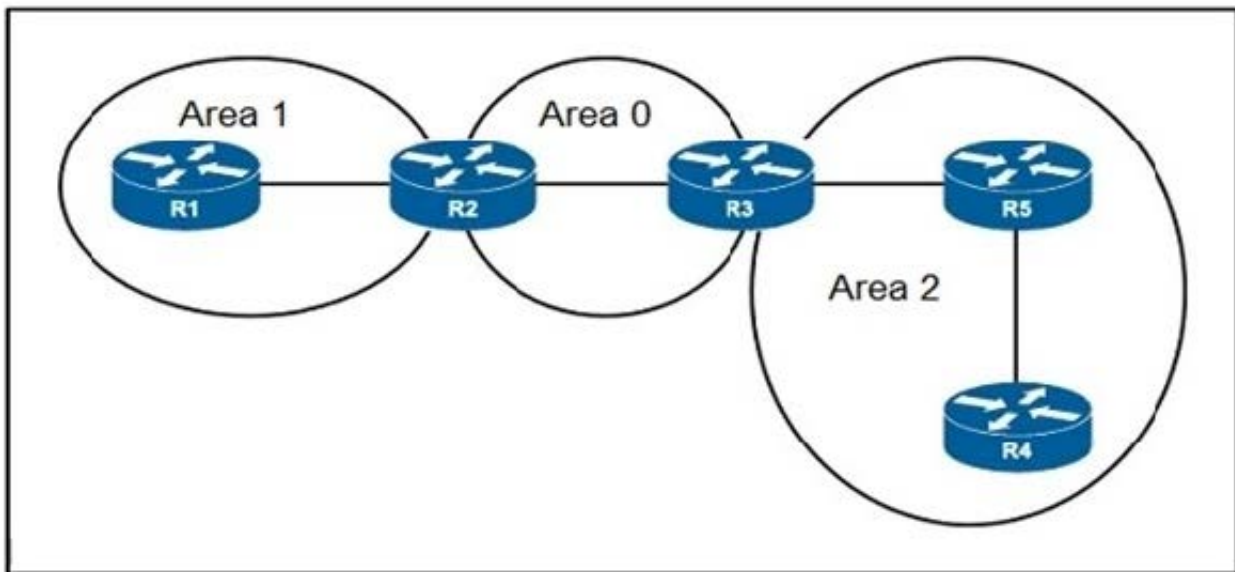
Which feature provides service independence in service provider networks?

- A. node SID that identifies the network device
- B. prefix SID that contains router hops toward the destination
- C. adjacency SID that represents a path between the routers
- D. binding SID that is used to stitch different domains

Correct Answer: A

QUESTION 4

Refer to the exhibit.



A network engineer applied configuration on R5 to summarize all OSPF routes, but R4 is still receiving specific routes from R5. The engineer has confirmed that both R5 and R4 routers are configured with correct summarization configuration, but R5 is not sending the summary routes. What action must the engineer take to fix the problem?

- A. Remove summarization configuration on R5 and configure it on R4
- B. Clear link-state database on both R4 and R5 routers for summarization to work
- C. Configure a sham link between R4 and R5 to support summarization within Area 2
- D. Move R4 and R5 in separate areas as now they maintain the same link-state database

Correct Answer: D

QUESTION 5

What can be used to determine a path from the head-end to a tail-end router when implementing SR-TE with a head-end, with little information on the network topology?

- A. traffic controller
- B. path computation engine
- C. tail-end router
- D. SNMP server

Correct Answer: B