



# 300-510<sup>Q&As</sup>

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.pass4itsure.com/300-510.html>

100% Passing Guarantee  
100% Money Back Assurance

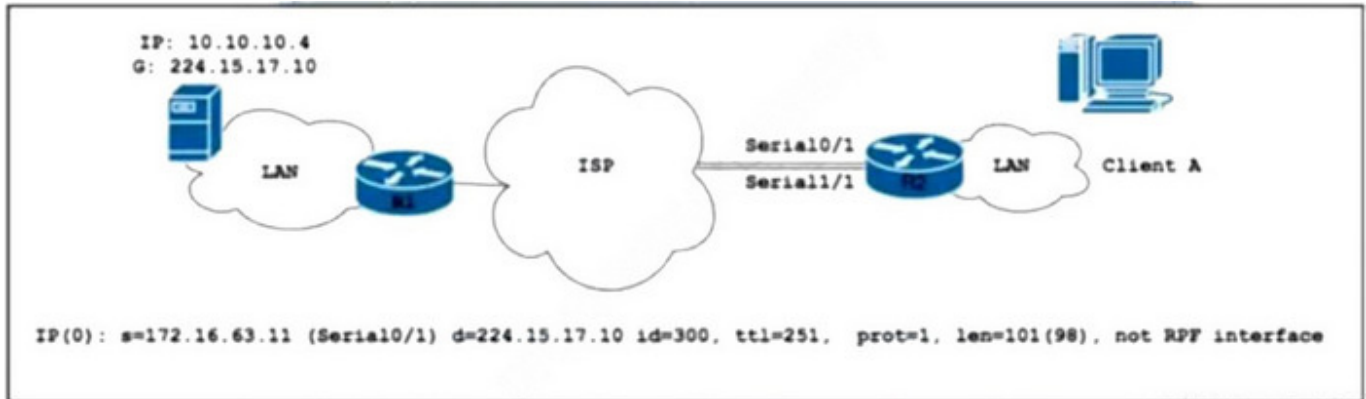
Following Questions and Answers are all new published by Cisco  
Official Exam Center

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



**QUESTION 1**

Refer to the exhibit.



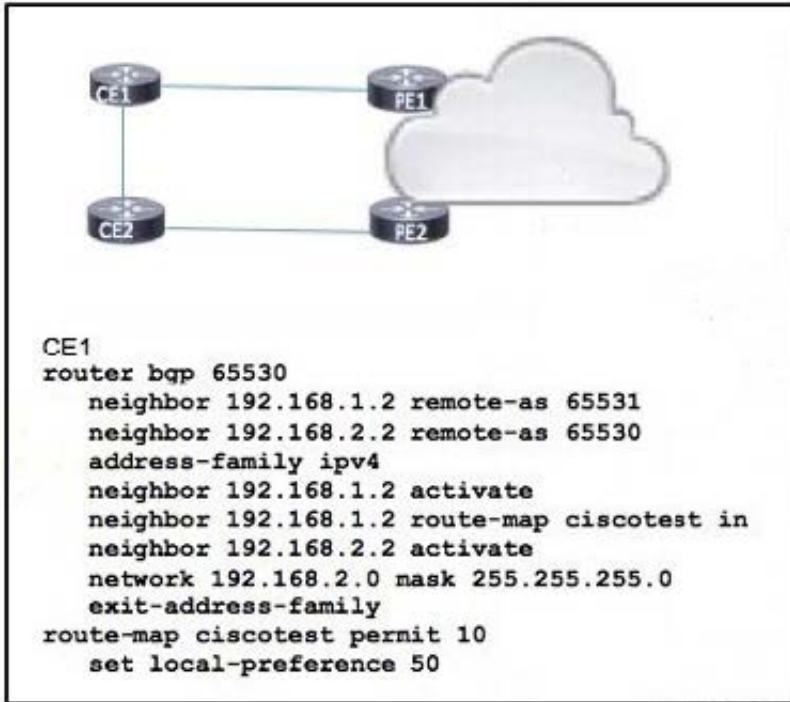
Mid-sized company Z connected two branch offices via a multicast-enabled ISP using the BGP routing protocol. PIM was implemented to support multicast streaming between the branches via MSDP. Client A cannot connect to the multicast stream source of company Z. The network engineer ran a debug on the edge of the network as shown. Which action resolves the issue?

- A. Enable the BGP routing protocol and advertise the 10.10.10.0/24 subnet on R1.
- B. Deploy BSR on routers R1 and R2 and enable multicast on both LAN segments.
- C. Configure the PIM protocol on the Serial1/1 interface and enable Auto-RP.
- D. Implement MBGP and enable a multicast address family on R2.

Correct Answer: D

**QUESTION 2**

Refer to the exhibit.



Routers CE1 and CE2 are in AS 65530, which is multihomed for Internet access.

An engineer expects inbound traffic to AS 65530 to arrive from PE1, but it is coming from PE2 instead. PE1 and PE2 routers are connected with CE routers through the same bandwidth.

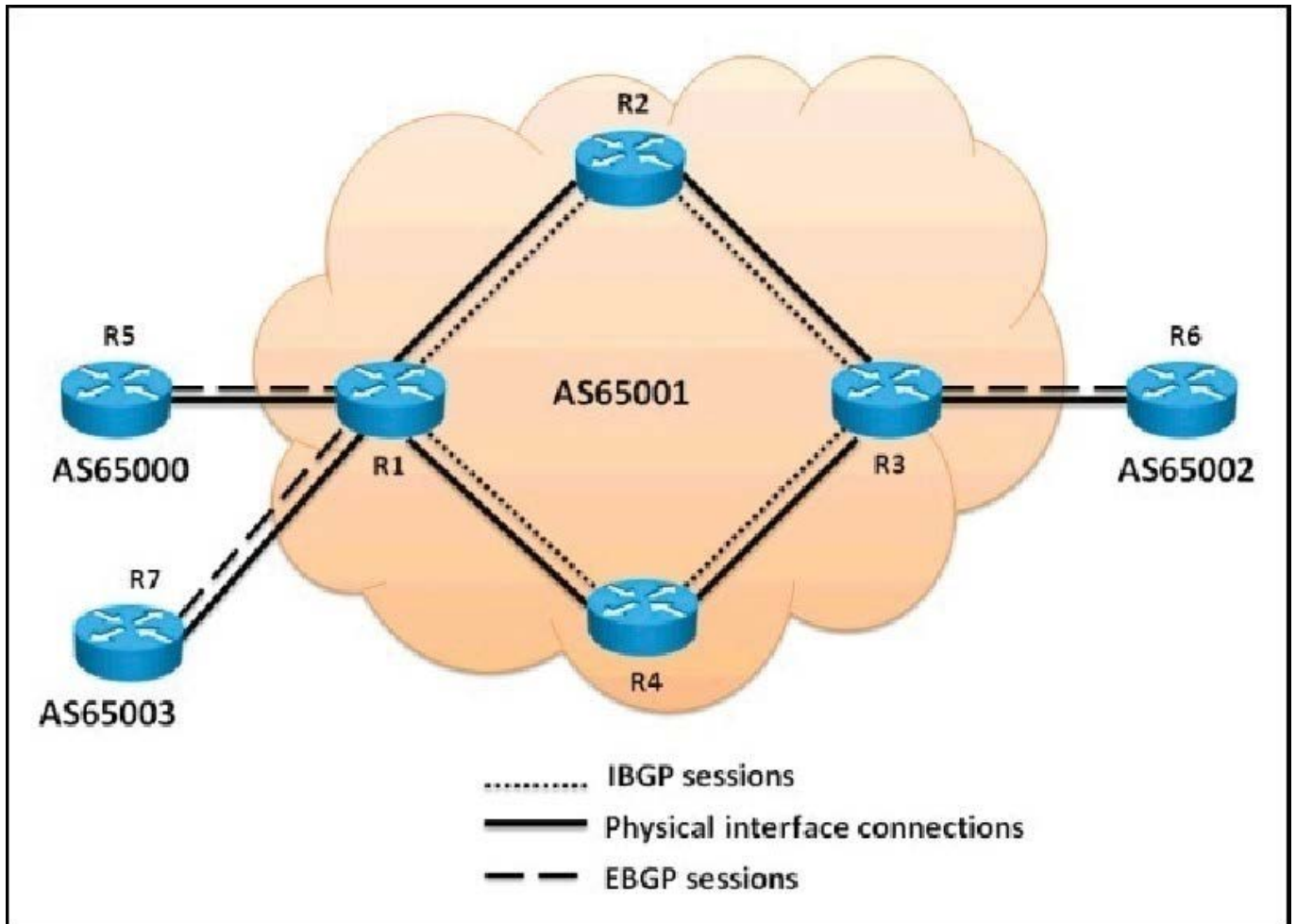
Which action must be taken to correct the problem?

- A. On router CE2, configure inbound routes from PE2 to CE2 with a local-preference value of 50 or greater.
- B. Configure router CE1 to prepend the AS path to routes it receives from PE1.
- C. Set the local-preference value on router CE1 to 100 or greater.
- D. On router PE1, change the origin for routes that are redistributed from CE1 to CE2.

Correct Answer: C

### QUESTION 3

Referring to the topology diagram shown in the exhibit, which three statements are correct regarding the BGP routing updates? (Choose three.)



- A. The EBGP routing updates received by R1 from R5 will be propagated to the R2, R4, and R7 routers
- B. The EBGP routing updates received by R3 from R6 will be propagated to the R2 and R4 routers
- C. The EBGP routing updates received by R1 from R5 will be propagated to the R2 and R4 routers
- D. The IBGP routing updates received by R3 from R2 will be propagated to the R6 router
- E. The IBGP routing updates received by R2 from R1 will be propagated to the R3 router
- F. The IBGP routing updates received by R1 from R4 will be propagated to the R5, R7, and R2 routers

Correct Answer: ABD

#### QUESTION 4

For which reason do you deploy BGP confederations within a BGP transit backbone?

- A. to support a larger number of eBGP peer sessions
- B. to increase the number of routes that can be redistributed between the running IGP and BGP



- C. to reduce the number of eBGP routes that must be shared between autonomous systems
- D. to reduce the number of iBGP peering sessions

Correct Answer: D

#### QUESTION 5

Refer to the exhibit.

```
PE1#show mpls ldp discovery
Local LDP Identifier:
 192.168.12.1:0
Discovery Sources:
Interfaces:
          Gi1/0 (ldp): xmit/recv
LDP Id: 192.168.1.1:0; no route
```

An administrator is troubleshooting network issues on a customer's network PE1 cannot form an LDP relationship with PE2 using LDP ID 192.168.1.1. Due to this connectivity issue, the customer's routes behind both PE routers cannot be exchanged. Which action must the administrator take to correct the problem?

- A. Configure PE2 to automatically select its own LDP router ID with 192.168.1.1.
- B. Create a targeted LDP session on PE2 to override the missing routing table entry on PE1.
- C. Configure PE1 with a static route to 192.168.1.1.
- D. Enable LDP session protection on the link that P1 uses as the next hop to PE2.

Correct Answer: C

[Latest 300-510 Dumps](#)

[300-510 Practice Test](#)

[300-510 Braindumps](#)