# 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.passapply.com/300-510.html**

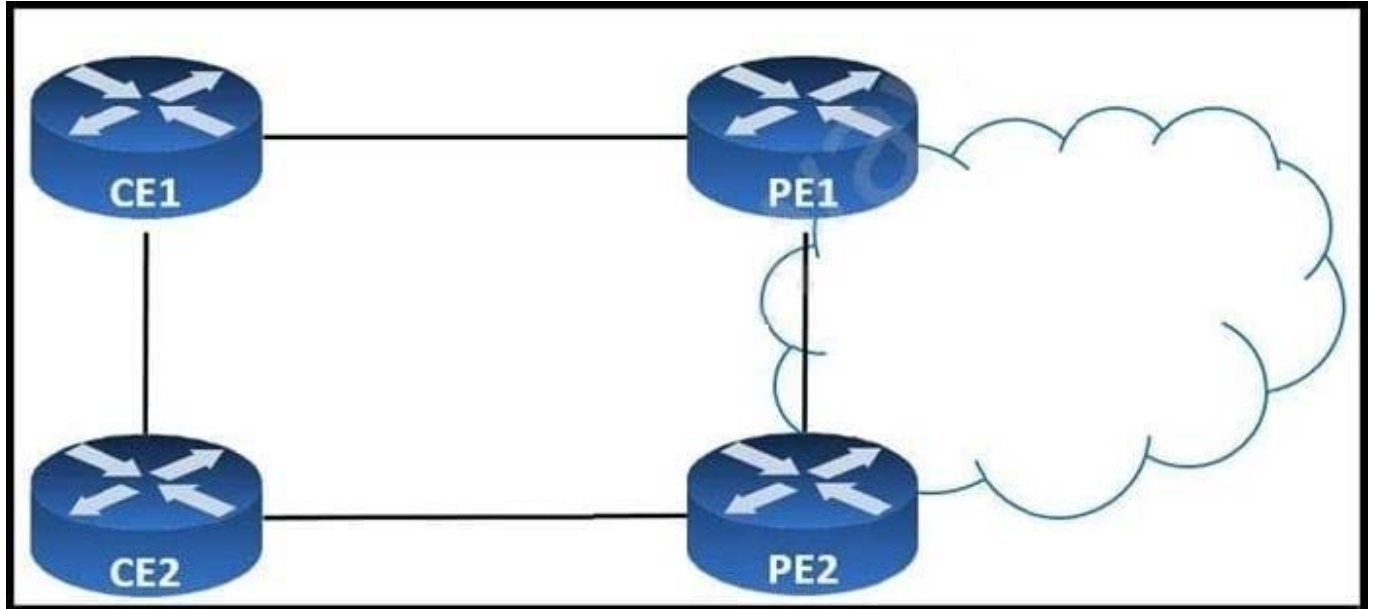## 100% Passing Guarantee
## 100% Money Back Assurance

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.



CE1 and CE2 are iBGP neighbors in AS 65516. All traffic that exits AS 65516 must use the link from CE1 to PE1. CE1 is advertising a higher local preference to CE2, but traffic from CE2 still prefers the PE2 link. Which action corrects the problem?

A. Add the lower local-preference value on PE2 towards CE2.

B. Configure CE1 to send routes to CE2 with a higher MED.

C. Configure CE1 to send routes to CE2 with a higher weight.

D. Add the next-hop self command to the CE1 neighbor statement for CE2.

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/support/docs/ip/border-gateway-protocol-bgp/13753-25.html

**QUESTION 2**

You have configured routing policies on a Cisco IOS XR device with routing policy language. Which two statements about the routing policies are true? (Choose two.)

A. The routing policies affect BGP-related routes only.

B. If you make edits to an existing routing policy without pasting the full policy into the CLI, the previous policy is overwritten.

C. You can change an existing routing policy by editing individual statements.

D. The routing policies are implemented in a sequential manner.

E. The routing policies are implemented using route maps.

Correct Answer: CD

**QUESTION 3**

Refer to the exhibit.

Router(config-router)#no bgp client-to-client reflection intra-cluster cluster-id 192.168.1.1

Routers within the cluster are not receiving the desired prefixes. What must be done to fix the issue?

A. Clients in that cluster must have full mesh connectivity between eBGP peers.

B. No client-to-client must be disabled.

C. Clients in that cluster must have full mesh connectivity between iBGP peers.

D. No client-to-client reflection must be enabled.

Correct Answer: C

**QUESTION 4**

Refer to the exhibit.

```
Router1# show ip bgp

BGP table version is 4, local router ID is 192.168.1.1
Status codes:  s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale
Origin codes: i - IGP, e - EGP, ? - incomplete
      Network            Next Hop          Metric LocPrf  Weight   Path
*>    192.168.10.0/24    192.168.1.2            0                0  65525 i
*>    192.168.3.0/24     192.168.2.2            0                0  65535 i
*     192.168.3.0/24     192.168.4.2            0                0  65545 i
*>    192.168.20.0/24    0.0.0.0                0           32768     i
```

Which attribute can router 1 alter so that only other iBGP peers prefer to use 192.168.4.2 as the next hop for route 192.168.3.0/24?
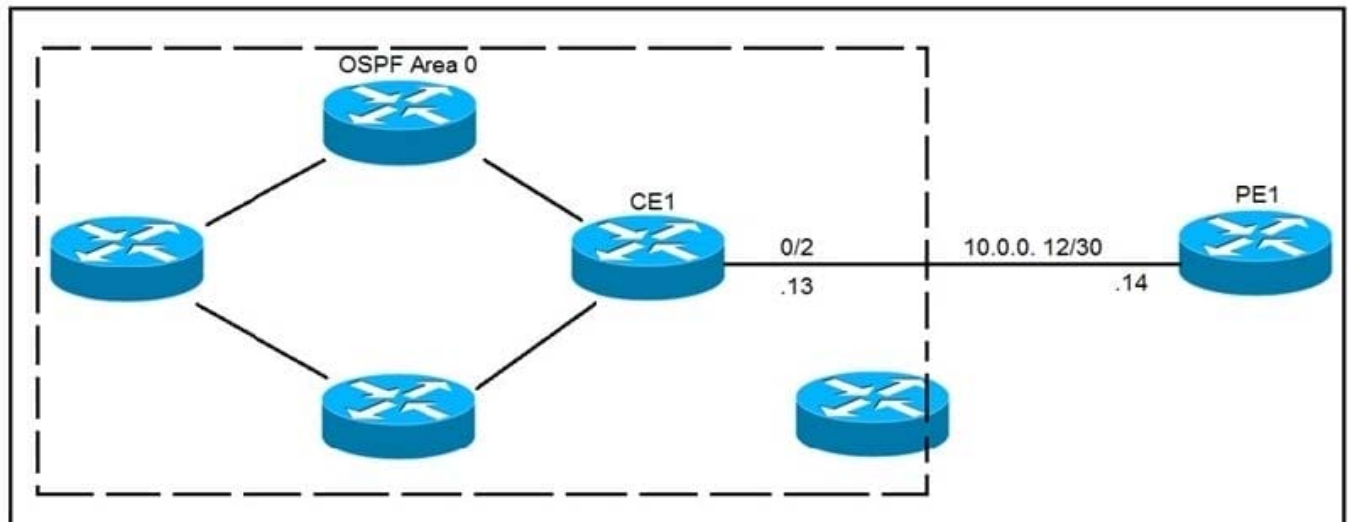
A. MED

B. local preference

C. origin

D. weight

Correct Answer: B

Weight is local to the router while LP allows routers in an AS with multiple exit points to choose which exit point is used to reach a particular NLRI.

---

**QUESTION 5**

Refer to the exhibit.



CE1 is the gateway router into the provider network via PE1. A network operator must inject a default route into OSPF area 0. All devices inside area 0 must be able to reach PE1. Which configuration achieves this goal?

A.
```
#CE1
router ospf 1
 default-information originate always
```

B.
```
#CE1
ip route 0.0.0.0 0.0.0.0 GigabitEthernet0/2 10.0.0.14
!
router ospf 1
 redistribute static
```

C.
```
#CE1
ip route 0.0.0.0 0.0.0.0 GigabitEthernet0/2 10.0.0.14
!
router ospf 1
 default-information originate
```

D.
```
#CE1
ip route 0.0.0.0 0.0.0.0 GigabitEthernet0/2 10.0.0.14
!
router ospf 1
 redistribute static subnets
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/support/docs/ip/open-shortest-path-first-ospf/47868-ospfdb9.html

300-510 VCE Dumps          300-510 Practice Test          300-510 Braindumps