



# 350-501<sup>Q&As</sup>

Implementing and Operating Cisco Service Provider Network Core Technologies (SPCOR)

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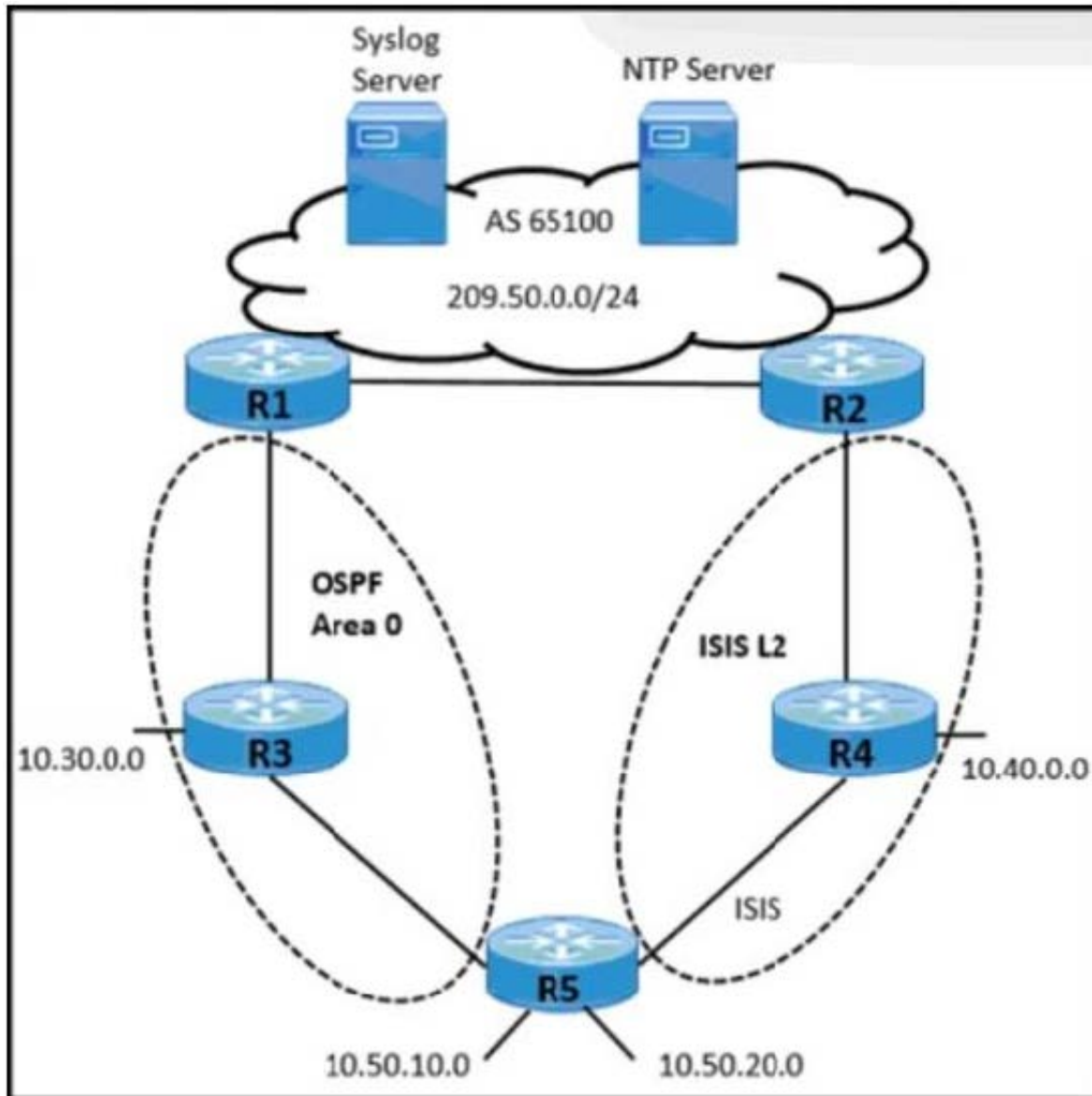
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**QUESTION 1**

Refer to the exhibit.



A network operator working for a telecommunication company with an employee ID: 4350:47:853 must implement an IGP solution based on these requirements:

Subnet 10.50.10.0 traffic must exit through the R1 router to connect with the Syslog server. Subnet 10.50.20.0 traffic must exit through the R2 router to connect with the NTP server. In case of link failure between R2 and R4, traffic must be routed via R1 and R3.

Which two configurations must be implemented on R5 to meet these requirements? (Choose two.)

- A. Apply a route policy to redistribute 10.50.0.0 prefixes in OSPF to ISIS and ISIS to OSPF.
- B. Apply a route policy to redistribute 10.50.20.0 from ISIS-L2 to OSPF Area 0 at a higher cost.



- C. Enable a route policy to advertise 10.50.20.0 in ISIS-L2 at a higher cost.
- D. Apply a route policy to redistribute 10.50.10.0 from OSPF Area 0 to ISIS-L2 at a lower cost.
- E. Enable a route policy to advertise 10.50.10.0 In OSPF Area 0 at a low cost.

Correct Answer: B

## QUESTION 2

Which protocol functions as the transfer protocol between the Cisco Open SDN Controller and forwarding devices?

- A. OSPF or IS-IS
- B. BGP-LS
- C. OpenFlow
- D. PCEP

Correct Answer: C

## QUESTION 3

```
<l3extOut name="l3out1">  
  <l3extLNodeP name="ciscoNode1">  
    <bgpPeerP addr="192.168.1.2">  
      <bgpAsP asn="65514"/>  
    </bgpPeerP>  
  </l3extLNodeP>  
</l3extOut>
```

Refer to the exhibit. A global company plans to implement BGP at its newest location to provide connectivity to other offices. The global infrastructure of the company is a multivendor environment. An engineer must review the BGP core configurations at headquarters to determine if they can be repurposed at the new location. The engineer copied this JSON script for review. What is the effect of the script?

- A. It configures BGP on the device and inserts 192.168.1.0/24 into the BGP table using the origin AS 65514.
- B. It configures a VRF named ciscoNode1 and a BGP instance using the VPNv4 address family.
- C. It configures BGP with neighbor 192.168.1.2 residing in AS 65514.

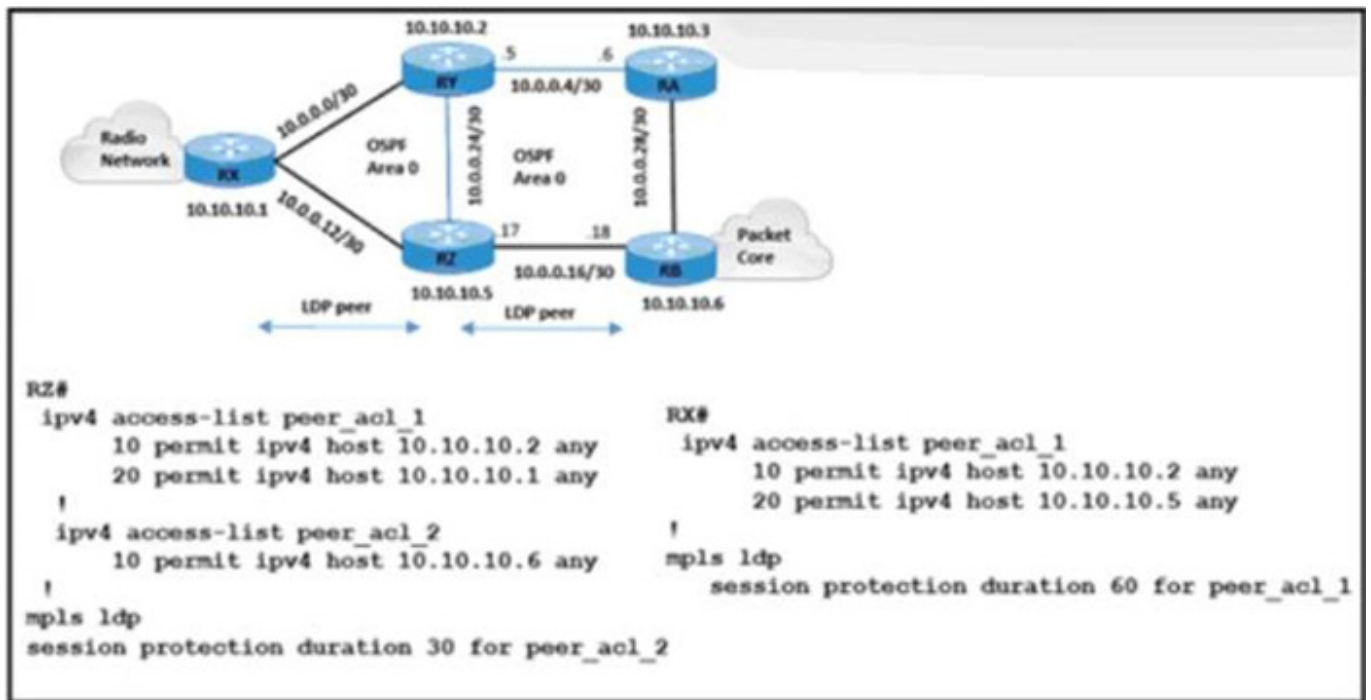


D. It sets the BGP router-ID to 192.168.1.2 and sets the AS of the router to 65514.

Correct Answer: C

#### QUESTION 4

Refer to the exhibit.



The radio network and packet core are using the route RX-RZ-RB to establish communication. The LDP session between 10.10.10.5 and 10.10.10.1 is experiencing link flapping at random intervals for 30-45 seconds each time. A network engineer must protect the LDP session and improve MPLS traffic convergence. Which action meets these requirements?

- A. Configure peer\_acl\_2 on RX and allow IP address 10.10.10.6 in LDP.
- B. Attach peer\_acl\_1 in for session protection duration 1 on RX.
- C. Add session protection duration 60 for peer\_acl\_1 under the MPLS LDP instance on RZ.
- D. Enable IGP-LDP sync on RZ and RX.

Correct Answer: C

#### QUESTION 5

What is the function of the FEC field within the OTN signal structure?



- A. It allows the sending devices to apply QoS within the OTN forwarding structure.
- B. It allows deep inspection of data payload fields.
- C. It allows receivers to correct errors upon data arrival
- D. It allows source nodes to discard payload errors before transmitting data on the network.

Correct Answer: C

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