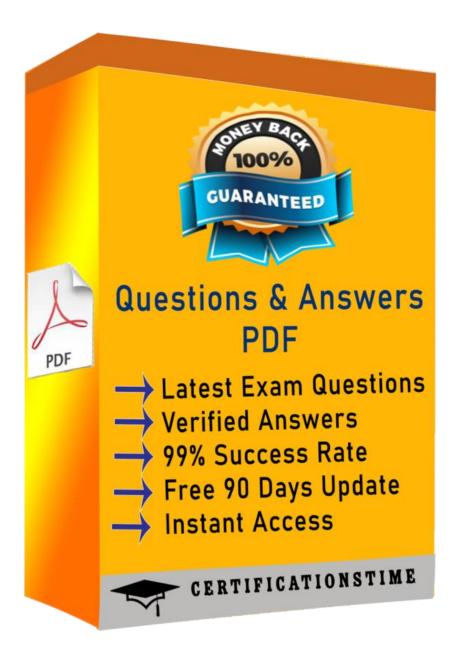




# SPCORE Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE)

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Which two protocols facilitate label bindings by neighboring routers? (Choose two.)

A. IS-IS

B. LDP

C. OSPF

D. EIGRP

E. BGP

Answer: BE

#### **QUESTION 2**

Refer to the partial Cisco IOS XR configurations exhibit for Router 1 and Router 2.

642-887 dumps exhibit

There are two routers that are connected back to back over the Gigabit Ethernet link. If the "show mpls ldp neighbor" command output on Router 1 does not show LDP peering with Router 2, what could be the possible root cause of the LDP peering problem?

A. missing interface under OSPF IGP configuration

B. hello timers mismatch on Router 1 and Router 2

C. password for LDP session mismatch on Router 1 and Router 2

D. MPLS LDP session protection is not configured

Answer: A

### **QUESTION 3**

An engineer has been tasked to configure a guaranteed 10 Mbps priority queue for traffic matched by class-map VOICE\_CLASS on Cisco IOS XR. Which policy must be applied for outgoing traffic on interface FastEthernet 0/0/1?

A. configurepolicy-map VOICE\_POLICY class VOICE\_CLASSpolice rate 10000 exceed-action drop exitpriority level 1 exitexitinterface FastEthernet 0/0/1service-policy output VOICE\_POLICY commit

B. configurepolicy-map VOICE\_POLICY class VOICE\_CLASS priority percent 10exit exitinterface FastEthernet 0/0/1service-policy output VOICE\_POLICY commit

C. configurepolicy-map VOICE\_POLICYclass VOICE\_CLASS police rate 1000 exceed-action drop exitpriority level 1 exitexitinterface FastEthernet 0/0/1service-policy output VOICE\_POLICY commit

D. configurepolicy-map VOICE\_POLICY class VOICE\_CLASSpolice rate 10 Mbps exceed-action shape exitpriority level 1 exitexitinterface FastEthernet 0/0/1service-policy output VOICE\_POLICY commit

Answer: A

#### **QUESTION 4**

Which protocol is used to send MPLS OAM traffic over an MPLS network?

A. ICMP

B. IP protocol number 137

C. TCP

D. UDP

Answer: D

## **QUESTION 5**

In which two Cisco IOS XR configuration modes can mpls ldp igp sync be configured? (Choose two.)

A. config-ldp

B. config-if

C. config-ospf-ar

D. config-ospf

E. config-isis

Answer: CD



Which affinity and mask value will match the link affinity that has 0x0F in the first 8 bits and 0x01 in the last 8 bits, and the middle 16 bits can be any value?

- A. affinity 0x0F000001 mask 0x0F000001
- B. affinity 0x0F000001 mask 0x00000000
- C. affinity 0x0F000001 mask 0x11111111
- D. affinity 0x0F000001 mask 0x11000011
- E. affinity 0x0F000001 mask 0xFF0000FF
- F. affinity 0x0F000001 mask 0x00FFFF00

Answer: E

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