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

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QUESTION 1

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.

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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



QUESTION 6

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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