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Exam : **Alcatel-Lucent 4A0-103**

Title : Alcatel-Lucent Multiprotocol Label
Switching

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1. Which factor is a primary cause of IPHyper-aggregation?

- A. IP routing protocols donot always select the best route to a destination
- B. IP routingprotocols always select multiple routes toa destination
- C. IP routingprotocols donot make use all available network attributes to select a path
- D. Improper network design results in limited network path redundancy

Answer: C

2. Inspecting the MPLS header in the received packet and exchanging it for a new MPLS header is the function of which device?

- A. iLER
- B. LER
- C. LSR
- D. PE E. eLER

Answer: C

3. Choose the answer that best completes the following statement. The device at the beginning of an LSPisreferred to as the ____ while the device at the end of an LSP is referred to as the ____.

- A. PE, P
- B. LER, LSR
- C. LSR, LER
- D. iLER, eLER
- E. eLER, iLER
- F. P, PE

Answer: D

4. Which of the following statements are true regarding the roles of devices in an MPLS domain?
Choose2answers.

- A. An LER is located internal to the provider domain and switches labeled packets
- B. An LSR is located internal to the provider domain and switches labeled packets
- C. An LSR is located at the boundary of the provider domain and may forward labeled or unlabeled packets
- D. An LER is located at the boundary of the provider domain and may forward labeled or unlabeled packets

Answer: BD

5. Receiving labeled packets from the MPLS domain, removing the MPLS header and forwardingunlabeledpackets outside the MPLS domain is the function of which device? A. LER

- B. LSR
- C. PE
- D. iLER
- E. eLER

Answer: E

6. What are the functions of the control plane in a MPLS router? Choose 2 answers.

- A. Route exchange
- B. Label swapping
- C. MPLS neighbor establishment
- D. Label signaling
- E. Routing lookups

Answer: AD

7. Which of the following factors are driving the evolution of the MPLS protocol and services? Choose 2 answers.

- A. Customers demand for differentiated IP services
- B. MPLS usage has been mandated by the IETF
- C. Providers want to improve service availability and reliability
- D. It is an easier technology to configure and manage than IP alone

Answer: AC

8. Which of the following statements are true? Choose all that apply.

- A. Selected labels from the FIB are populated to the LIB
- B. Selected labels from the LIB are populated to the LFIB
- C. Selected routes from the RIB are populated to the FIB
- D. Selected routes from the FIB are populated to the RIB
- E. All labels from the LIB are populated to the LFIB

Answer: BC

9. What is the function of the MPLS label assigned to a packet?

- A. It identifies the FEC
- B. It specifies the packet's header length
- C. It identifies the origin of the packet
- D. It specifies the type of data contained in the packet

Answer: A

10. What is the common usage of the MPLS EXP bits?

- A. Each implementation may use them as they see fit
- B. They are used to carry the Ethertype value
- C. They are used to carry the TTL value
- D. They are used to map QoS classification
- E. They are used to carry fragmentation flags

Answer: D

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