



Vendor: Alcatel-Lucent

Exam Code: 4A0-109

Exam Name: Alcatel-Lucent Triple Play Services

Version: DEMO

QUESTION 1

In an IP-VPN wholesale/retail model, which of the following packets will trigger the radius or LUDB authentication?

- A. ICMP
- B. PPPoEv4
- C. ARP
- D. IPv6

Answer: B

QUESTION 2

MCS is not required on a BNG for which redundancy mechanism?

- A. MC-LAG
- B. MC-ring
- C. SRRP
- D. VRRP

Answer: D

QUESTION 3

There can be one SRRP master per which entity?

- A. BNG
- B. Group interface
- C. Subscriber interface
- D. IES interface

Answer: B

QUESTION 4

Which information is used to detect if an entry in the MCS database needs to be reconciled after 2 peers experience a brief loss of communication?

- A. SAP identifier
- B. Sync-tag value
- C. Sequence number
- D. Timestamp

Answer: C

QUESTION 5

What is the format of the VRRP virtual MAC address?

- A. 00-00-5E-00-01-<VRID>
- B. 01-00-5E-00-01-<VRID>
- C. 5E-00-01-00-00-<VRID>
- D. 5E-00-00-00-01-<VRID>

Answer: A

QUESTION 6

Which of the following states is NOT an MCS synchronization state?

- A. In-sync
- B. Synchronizing
- C. Out-of-sync
- D. Sync-down

Answer: C

QUESTION 7

What is the purpose of the SRRP message-path SAP?

- A. It monitors the data path between the master and backup BNGs.
- B. It synchronizes the subscriber database between the master and backup BNGs.
- C. It provides a consistent QoS policy for downstream traffic across both BNGs.
- D. It redirects downstream traffic from the backup to the master BNG.

Answer: A

QUESTION 8

Which of the following is TRUE?

- A. SRRP is a proprietary protocol used in a Bridged CO model.
- B. VRRP is a proprietary protocol used in a Routed CO model.
- C. SRRP is a standard protocol used in a Routed CO model.
- D. VRRP is a standard protocol used in a Bridged CO model.

Answer: D

QUESTION 9

Which VRRP policy event should be used to force a master switchover in case a given network prefix becomes unreachable?

- A. Port-down
- B. Host-unreachable
- C. Lag-down
- D. Route-unknown

Answer: D

QUESTION 10

What happens when arp-reply-agent is enabled on a subscriber SAP?

- A. All ARP replies from the BNG are verified before being forwarded to the subscriber.
- B. All ARP requests from the subscriber are answered by the arp-reply agent.

- C. All ARP requests from the BNG to a subscriber are answered by the arp-reply agent.
- D. All ARP replies from the subscribers are dropped to prevent theft of service.

Answer: C

QUESTION 11

What is the purpose of the anti-spoofing filter?

- A. Anti-virus protection
- B. Prevent direct subscriber-to-subscriber communication
- C. Filter upstream traffic
- D. Prevent the use of fake IP addresses

Answer: D

QUESTION 12

How can a TPS network protect itself from a subscriber running a rogue DHCP server?

- A. All subscriber SAPs have anti-spoofing enabled.
- B. All subscriber SAPs have DHCP snooping enabled.
- C. All subscriber SAPs are members of a single RSHG.
- D. All subscriber SAPs have arp-reply-agent enabled.

Answer: C

QUESTION 13

Choose the best completion to the following statement. _____ messages are accepted and allowed by the BSAN before successful authentication occurs.

- A. Only 8021.x
- B. Only DHCP
- C. All
- D. No
- E. (a) and (b)

Answer: A

QUESTION 14

How many queues are supported in each direction per access port on the 7x50?

- A. 2048
- B. 4096
- C. 8192
- D. 16384

Answer: C

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