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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