Alcatel lucent

4A0-109 Exam

Alcatel-Lucent Triple Play Services

Question: 1

How many queues per subscriber can be allocated using a high-speed Media Dependent Adapter (HS-MDA)?

A. 64 ingress or egress queues
B. 16 ingress and 16 egress queues
C. 8 ingress and 8 egress queues
D. 8 ingress or egress queues

Answer: C

Question: 2

What is the ultimate goal of Triple Play services?

A. To bring Ethernet technologies to the subscriber's home.
B. To assist providers in managing their IP networks.
C. To move HSI, voice, and video onto a converged IP core.
D. To accelerate the deployment of MPLS in the provider network.

Answer: C

Question: 3

Which of the following elements is part of the access network?

A. IP phone
B. RG
C. BSAN
D. BNG

Answer: C

Question: 4

Which of the following is correct in a VLAN per all services for all subscribers?

A. One port per BSAN
B. One port per service
C. One SAP per service

D. One SAP per BSAN

Answer: D

Question: 5

In numbered WAN scenarios, which protocol will configure the IPv4 address of an RG?

A. DHCP
B. LCP
C. IPCP
D. ARP

Answer: C

Question: 6

Which network element will add the PPPoE Relay Tag?

A. RG
B. BSAN
C. BSA
D. BNG

Answer: B

Question: 7

A subscriber-host gets an IP address from the RG using SLAAC and all prefixes are centrally managed.

How does the RG receive the correct information?

A. The RG receives the prefix from the BNG using SLAAC.
B. The RG receives the prefix information encapsulated in a DHCPv4 message.
C. The RG receives the IA_PD in a DHCPv6 message.
D. The RG receives the IA_NA in a DHCPv6 message.

Answer: C

Question: 8

In an FTTU deployment, what device in the home network is used to connect to the provider access network?

A. DSL modem

B. DSLAM
C. ONT
D. P-OLT

Answer: C

Question: 9

What information is typically present in the option 82 attribute of the DHCP Discover message relayed from an Alcatel-Lucent BSAN?

A. Agent user ID
B. Agent circuit ID
C. Agent vendor ID
D. Agent BSAN ID

Answer: B

Question: 10

Assume a subscriber only requested one multicast group. Which feature should be enabled on the BSAN to ensure the subscriber only receives data from the multicast group requested?

A. IGMP proxy
B. IGMP snooping
C. MC replicator
D. IGMP querier

Answer: B

Question: 11

The DHCP clients' formal request to the DHCP server for an offered IP address is contained in which DHCP message type?

A. DHCP Discover
B. DHCP Request
C. DHC Pack
D. DHCP Offer

Answer: B

Question: 12

What is the RG's access connection towards the service provider in FTTN?

A. Copper DSL technology
B. GPON technology
C. BPON technology
D. EPON technology

Answer: A

Question: 13

Which message is sent from the DHCPv6 server to the lightweight DHCPv6 relay agent?

A. Advertise
B. Confirm
C. Relay-Forward
D. Relay-Reply

Answer: D

Question: 14

An Alcatel-Lucent 7750 SR has a subscriber interface configured with multiple subnets. How is the subnet that is used for subscriber IP address allocation determined?

A.   The DHCP server assigns an IP address based on the gi-address configured on the RG.
B.   The DHCP server assigns an IP address based on the gi-address configured in the subscriber interface context on the BSA.
C.   The DHCP server assigns an IP address based on the gi-address configured in the group interface context.
D.   The DHCP server assigns an IP address based on the option 82 information inserted by the BSA.

Answer: C

Question: 15

What do IPv6CP Req/Ack messages use to identify the peer?

A. Circuit ID
B. Remote ID
C. Interface ID
D. SAPID

Answer: C

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