

Nokia 4A0-109

Alcatel-Lucent Triple Play Services

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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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