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Exam : **4A0-109**

Title : Alcatel-Lucent Triple Play Services

Version : Demo

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

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

3.Which of the following elements is part of the access network?
A. IP phone
B. RG
C. BSAN
D. BNG
Answer: C

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

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

6.Which network element will add the PPPoE Relay Tag?
A. RG
B. BSAN
C. BSA
D. BNG
Answer: B

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

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

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

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

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

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

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

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

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

16.In a Routed CO architecture, which of the following is FALSE?
A. Subscriber sessions are created on the BNG.
B. IPv4 is supported for IPoE and PPPoE.
C. IPv6 is supported only for IPoE.
D. PPPoE is supported on IES and VPRN.
Answer: C

17.How can the number of subscribers on a SAP be limited when using ESM?
A. Use the lease-populate command to secure a finite number of hosts.
B. Use the host-limit command.
C. Use the multi-sub-sap command.
D. Use the antispoofip-mac command.
Answer: C

18.The pppoe-access-method in the authentication policy context has been set to " none " .
What will happen during the authentication of a PPPoE subscriber-host?
A. It will be denied access by the authentication policy.
B. It will be allowed access by the authentication policy.

C. It will be forwarded to the radius server for authentication.
D. It will be forwarded to the local-user database for authentication.
Answer: D

19.To support dual stack subscribers, what is the minimum version of the IOM card on the AlcatelLucent 7750 SR?
A. IOM-10g
B. IOM-20g-b
C. IOM2-20g
D. IOM3-xp
Answer: D

20.Which of the following about Change of Authorization (CoA) is FALSE ?
A. CoA can change the SLA-profile.
B. CoA can change the IP address of the hosts, if dynamically allocated.
C. CoA can change the subscriber's ADSL line set up.
D. CoA can create a new subscriber-host.
Answer: C