

Alcatel-Lucent Triple Play Services

1. Which of the following is NOT a responsibility of the retail service provider in a wholesale/retail architecture?

A. Assigning the subscriber's IP address

B. Provisioning the subscriber's Layer 2 circuit

C. Provisioning the subscriber's SLA

D. Authenticating the subscriber

Answer(s): B

2. What is the effect of enabling mac-pinning on a SAP in a given VPLS?

A. Incoming frames with a spoofed source MAC address are dropped.

B. MAC aging on that SAP is disabled.

C. MAC learning on that SAP is disabled.

D. It prevents a MAC address from being learned on another SAP.

Answer(s): D

3. Which of the following is NOT a characteristic of a capture SAP?

A. It is required to be in the same service instance as the M-SAP.

B. It is always configured in a VPLS.

C. It is required on each physical port where the M-SAP is to reside.

D. It requires manual configuration.

Answer(s): A

4. To support dual stack subscribers, what is the minimum version of the IOM card on the AlcatelLucent 7750 SR?

A. IOM3-xp

B. IOM2-20g

C. IOM-20g-b

D. IOM-10g

Answer(s): A

5. Which of the following can NOT be configured on an Alcatel-Lucent 7750 SR BNG?

A. Accounting with RADIUS server

B. DNS server

C. DHCP server

D. L2TP network server

Answer(s): B

6. In which context would the command `sap-session-limit` be entered?

A. Option C

B. Option B

C. Option A

D. Option D

Answer(s): A

7. Where is the default subscriber ID defined?

A. Under the SAP

B. Under the authentication policy

C. Under the subscriber interface

D. Under the radius policy

Answer(s): A

8. What is the effect of enabling anti-spoofing on a SAP?

A. All traffic towards another subscriber is dropped.

B. Egress traffic towards a subscriber with an unknown IP address is dropped.

C. Ingress traffic with an unregistered source IP address is dropped.

D. Ingress traffic with an unknown destination MAC address is dropped.

Answer(s): C

9. What are the three parameters that can be used to map the right scheduler policy and QoS policy to a subscriber under Enhanced Subscriber Management?

A. Subscriber identity, QoS policy defined on a SAP,accounting policy defined on a SAP

B. Subscriber identity, subscriber identity policy,SLA profile

C. Subscriber identity, subscriber profile, security policy for a subscriber

D. Subscriber identity, subscriber profile,SLA profile

Answer(s): D

10. 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. Timestamp

B. Sync-tag value

C. Sequence number

D. SAP identifier

Answer(s): C

11. Which of the following describes what happens if MCS peers experience a loss of communication without reboot?

A. The whole database is immediately re-synchronized.

B. Only the entries that have changed are re-synchronized, based on their sequence numbers.

C. Only the entries that have changed are re-synchronized, based on their timestamps.

D. The whole database is re-synchronized over a 30 minute period to avoid massive retransmission.

Answer(s): B

12. What is the difference between Split Horizon Groups (SHG) and Residential Split Horizon Groups (RSHG)?

A. Multicast or broadcast downstream traffic is not supported on RSHG members.

B. An RSHG does not support spoke-SDP members.

C. The spanning tree protocol is not supported on RSHG members.

D. Anti-spoofing must be enabled on an RSHG.

Answer(s): C

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

A. 64 ingress or egress queues

B. 8 ingress or egress queues

C. 16 ingress and 16 egress queues

D. 8 ingress and 8 egress queues

Answer(s): D

14. If PPPoE relay agent is enabled, which PPPoE discovery messages will not be intercepted by the BSAN?

A. Upstream PADT

B. Upstream PADR

C. PADO

D. PADI

Answer(s): C

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

A. One port per BSAN

B. One SAP per BSAN

C. One port per service

D. One SAP per service

Answer(s): B

16. Which mechanism is used to detect that a VRRP master to backup failover must occur?

A. Periodic ICMP messages between peers

B. Periodic Ethernet OAM keep-alive messages between peers

C. Periodic VRRP messages between peers

D. Periodic ARP requests between peers

Answer(s): C

17. Which of the following sources can NOT be used to retrieve parameters required to instantiate a dynamic subscriber host?

A. DHCP

B. DNS

C. Python

D. LUDB

Answer(s): B

18. What access loop technology is used by the Alcatel-Lucent 7342 ISAM FTTU?

A. ADSL2+

B. Ethernet

C. VDSL2+

D. GPON

Answer(s): D

19. The wholesale service provider can retrieve the retail service VPRN ID for an incoming request from which of the following?

A. DHCP ACK with option 82

B. DHCP server

C. LUDB

D. PPPoE PADI

Answer(s): C

20. What is the ultimate goal of Triple Play services?

A. To assist providers in managing their IP networks.

B. To bring Ethernet technologies to the subscriber's home.

C. To accelerate the deployment of MPLS in the provider network.

D. To move HSI, voice, and video onto a converged IP core.

Answer(s): D
