



Free Questions for 4A0-C02 by certsCare

Shared by Joyce on 29-01-2024

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Question 1

Question Type: MultipleChoice

On the Alcatel-Lucent 7750 SR, how many queues per FC are available for multipoint traffic within a VPLS on service ingress?

Options:

A- 64

B- 8

C- 3

D- 16

E- 1

Answer:

C

Question 2

Question Type: MultipleChoice

On the Alcatel-Lucent 7750 SR, what is a slope policy used for?

Options:

- A-** Defining the slope of the TCP slow-start mechanism for self generated traffic.
- B-** Defining the slope of the scheduling rate per forwarding class when using HQoS.
- C-** Defining the high and low slope values when deploying buffer admission control for UDP traffic in the committed buffer pool.
- D-** Defining the high and low slope values when deploying buffer admission control for TCP traffic in the shared buffer pool.
- E-** Defining the high and low slope values when deploying buffer admission control for TCP traffic in the committed buffer pool.

Answer:

D

Question 3

Question Type: MultipleChoice

Click the exhibit button below. Given the SAP-ingress policy, which of the following statements are TRUE? (Choose three)

```
A:srl1a>config>qos>sap-ingress# info
```

```
-----  
queue 1 create  
exit  
queue 3 profile-mode create  
    rate 50000 cir 10000  
    exit  
queue 5 create  
    parent "high" level 7 weight 100 cir-level 7  
    rate 30000 cir 20000  
    exit  
queue 6 create  
    parent "high" level 8 weight 100 cir-level 8  
    rate 2000 cir 2000  
    exit  
queue 11 multipoint create  
exit  
fc "af" create  
    queue 3  
    profile in  
exit  
fc "ef" create  
    queue 6  
exit  
fc "h2" create  
    queue 5  
exit  
ip-criteria  
    entry 10 create  
        match protocol tcp  
            dst-port eq 1234  
        exit  
        action fc "ef" priority high  
    exit  
    entry 15 create  
        match protocol udp  
        exit  
        action fc "h2"  
    exit  
    entry 20 create  
        match protocol icmp  
        exit  
        action fc "h2"  
    exit  
exit  
default-fc af
```

Options:

- A- All AF traffic will be marked 'in-profile' at the SAP-ingress.
- B- All TCP traffic will be mapped to forwarding class EF.
- C- UDP traffic is placed in queue 3 while ICMP traffic is placed in queue 5.
- D- EF traffic will receive higher scheduling priority than H2 traffic.
- E- Traffic that does not match any of the IP criteria will be placed in queue 3.

Answer:

A, D, E

Question 4

Question Type: MultipleChoice

Which of the following statements regarding buffer pool allocation are FALSE? (Choose two)

Options:

- A- Each network egress port receives its own buffer pool.
- B- Each SAP-egress port receives its own buffer pool.
- C- All SAP-ingress ports on the same MDA share a buffer pool.
- D- All the network ingress ports on the same MDA share a buffer pool.
- E- Each network ingress port on the same MDA receives its own buffer pool.

Answer:

C, E

Question 5

Question Type: MultipleChoice

Which of the following statements is considered best practice when changing a network policy that has been associated with an interface?

Options:

- A- The policy should be placed in a 'shutdown' state before changes are made.

- B-** A new network policy should be created and applied to the interface, overwriting the previous policy.
- C-** The policy must first be removed from the interface, then modified and re-applied to the interface.
- D-** Before the policy can be changed, it must be deleted with the `no network qos` command.
- E-** Before any changes are made to the policy, all network interfaces where the policy is applied have to be shut down.

Answer:

B

Question 6

Question Type: MultipleChoice

Which of the following are possible criteria for classifying packets at the SAP-ingress? (Choose three)

Options:

- A-** The EXP bits in the MPLS header.
- B-** The packet's source and destination IP addresses.
- C-** The service ID of the service to which the SAP belongs.

D- The dot1p bits in the frame header.

E- The packet's Ethertype.

Answer:

B, D, E

Question 7

Question Type: MultipleChoice

Click the exhibit button below. A network operator has configured the SAP-ingress policy below. Ping traffic is expected in queue 3. However, the network operator notices that all traffic is placed in queue 1. What is the most probable reason for this?


```
A:srl1>config>qos>sap-ingress# info
```

```
-----  
queue 1 create  
  rate max cir 10000  
exit  
queue 2 create  
  rate 50000 cir 10000  
  exit  
queue 3 create  
  rate 5000 cir 1000  
exit  
queue 11 multipoint create  
exit  
fc "af" create  
  queue 2  
exit  
fc "h2" create  
  queue 3  
ip-criteria  
  entry 10 create  
    match protocol tcp  
      dst-port eq 1234  
    exit  
    action fc "ef"  
  exit  
  entry 20 create  
    match protocol icmp  
    exit  
    action fc "h2"  
  exit  
exit  
default-fc be
```

Options:

- A- The default forwarding class for all traffic, including ICMP, is BE, which is placed in queue 1.
- B- The SAP has been shut down.
- C- The IP-match criteria has been misconfigured for ICMP traffic.
- D- Queue 3 has no rate or CIR configured and thus cannot hold any packets.
- E- The SAP-ingress policy has not been applied to the SAP.

Answer:

E

Question 8

Question Type: MultipleChoice

Which of the following statements are TRUE? (Choose two)

Options:

- A- The primary contributors to latency are distance, scheduling, and congestion.
- B- The weighted round robin scheduling algorithm will result in more delay for high priority traffic than the regular round robin algorithm.

- C-** The round robin scheduling algorithm will result in less jitter for low priority traffic than a strict priority scheduler.
- D-** Packet loss can be reduced by decreasing the amount of buffer space available to a queue.
- E-** Latency can be reduced by increasing the amount of buffer space available to a queue.

Answer:

A, C

Question 9

Question Type: MultipleChoice

Without _____, a customer's high priority traffic can be dropped before its low priority traffic.

Options:

- A-** packet filtering
- B-** prioritization of traffic flows
- C-** least cost routing
- D-** OAM functionality

E- separation between the data plane and the control plane

Answer:

B

Question 10

Question Type: MultipleChoice

Which of the following statements BEST defines policing?

Options:

- A-** The process of delaying packets within a traffic stream to have them conform to a defined traffic profile.
- B-** The overall treatment of a defined subset of a customer's traffic within a DiffServ domain.
- C-** The process of discarding packets within a traffic stream in accordance with the state of a meter to enforce a defined traffic profile.
- D-** The action of setting the DiffServ codepoint of a packet prior to its entry into a downstream DiffServ domain.
- E-** A specified algorithm or operation that is implemented in a node in order to realize one or more per-hop behaviors.

Answer:

C

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