4A0-107$^{Q\&As}$

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QUESTION 1

Which of the following statements about a SAP-ingress policy is FALSE?

A. It maps customer traffic to forwarding classes on ingress.

B. It can use customer QoS markings to do the mapping.

C. The default SAP-ingress policy classifies all traffic into FC "be" with low priority.

D. It serves the classification, queuing, and marking functions of QoS but does not serve scheduling

Correct Answer: D

QUESTION 2

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

```
A:sr1a>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
```

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.

Correct Answer: ADE

QUESTION 3

Which of the following are NOT ingress matching criteria for a network policy? (Choose two)

A. TCP port numbers

B. LSP EXP

C. DSCP

D. Source and destination IP addresses

E. Dot1p priority

Correct Answer: AD

QUESTION 4

Which of the following components are NOT configured in a hierarchical scheduler policy?

A. Queue parameters with which the queue will compete for bandwidth.

B. The level of hierarchy with which a group of schedulers is associated.

C. Bandwidth controls that limit each child scheduler or child queues associated with the scheduler.

D. The maximum bandwidth that the parent scheduler can offer its child queues or schedulers.

Correct Answer: C

QUESTION 5

Click the exhibit button below. Given that the slope-policy (below) has been enabled and applied on a network port, which of the following statements are TRUE? (Choose three)

```
A:sr1a>config>qos>slope-policy# info detail
--------------------------------------------------
        description "Slope policy"
        high-slope
            start-avg 50
            max-avg 70
            max-prob 60
            no shutdown
        exit
        low-slope
            start-avg 10
            max-avg 20
            max-prob 80
            no shutdown
        exit
        time-average-factor 0
--------------------------------------------------
```

A. All out-of-profile traffic will be dropped before any in-profile is dropped.

B. The time average factor of 0 will discard all packets arriving in the shared buffer pool.

C. When the shared buffer utilization reaches 51%, in-profile packets might be dropped.

D. The highest probability with which an out-of-profile packet can be dropped is 20%.

E. When an in-profile packet arrives and the shared buffer utilization is at 69%, the packet will have approximately a 60% likelihood of being discarded.

Correct Answer: ACE