

## 4A0-107<sup>Q&As</sup>

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**QUESTION 1**

When allocating scheduling resources, which of the following statements BEST describes how the egress port scheduler allocates bandwidth?

- A. The egress port scheduler takes the ratio of requested bandwidth to total bandwidth request from all children. It allocates bandwidth fairly, using these percentages and not exceeding the egress interface speed.
- B. The egress port scheduler allocates bandwidth based on a WRR distribution method that takes into account the CIR and PIR requested at each level and the max speed, either default or configured, on egress.
- C. The egress port scheduler allocates bandwidth on a first come, first served distribution method that takes into account the total CIR and PIR requested at each level and the max PIR requested from a single level.
- D. The egress port scheduler will limit the bandwidth offered to the egress port based on the over-subscription factor, provisioned under the router interface, while using a WRR scheduler for the remaining bandwidth.
- E. The egress port scheduler will use the Russian Dolls Method to allocate bandwidth to each level of requested bandwidth. HPO-Only is automatically set to 100%, allowing only high priority traffic to be buffered during congestion.

Correct Answer: B

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**QUESTION 2**

Which of the following statements BEST describes the IntServ model?

- A. Has the ability to distinguish traffic in 32 different ways.
- B. Uses the RSVP protocol to create microflows through a network.
- C. Has the ability to manually configure forwarding classes through a network.
- D. Uses the RSVP protocol to create macroflows through a network.

Correct Answer: B

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**QUESTION 3**

According to the SAP-ingress QoS policy shown, which of the following statements about packets processed by policer 6 is TRUE?

```
*A:R1>config>qos>sap-ingress# info
```

---

```
—— Output omitted ——  
policer 5 create  
    rate 2500 cir 500  
    mbs 20  
    cbs 10  
    high-prio-only 10  
exit  
policer 6 create  
    rate 7000 cir 7000  
    mbs 40  
    cbs 24  
    high-prio-only 90  
exit  
fc ef create  
    policer 6  
exit  
fc l1 create  
    policer 5  
exit  
fc l2 create  
    policer 5  
exit  
dot1p 1 fc "l2"  
dot1p 5 fc "ef"  
dscp "ef" fc "ef" priority high  
default-fc l1  
default-priority low
```

---

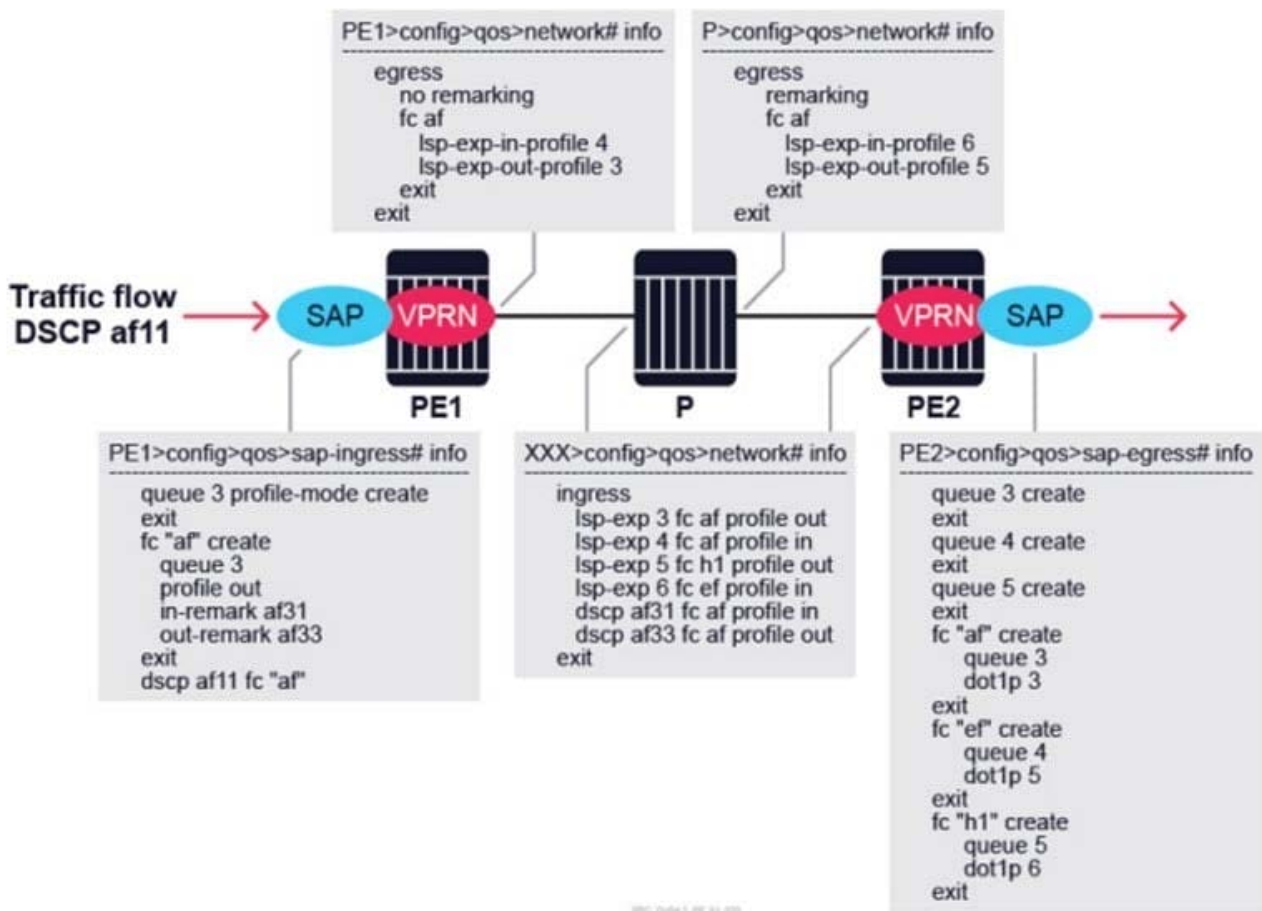
- A. All forwarded packets will be in-profile
- B. Packets forwarded above CIR will be marked out-of-profile and the rest will be in-profile
- C. Excess packets that arrive within a burst larger than CBS will be forwarded as out-of-profile
- D. All forwarded packets will be out-of-profile

Correct Answer: C

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#### QUESTION 4

Packets arrive at the VPRN SAP on PE1 with DSCP marking of af11 and Dot1p of 2. According to the QoS policies applied at routers PE1, P, and PE2, what is the dot1p value of packets egressing router PE2? (All the SDPs are MPLS-encapsulated, and all interfaces are using their default trust states).



- A. 2
- B. 3
- C. 5
- D. 6

Correct Answer: B

**QUESTION 5**

On the Nokia 7750 SR, which of the following QoS-related policies can be configured on a SAP? (Choose three)

- A. The slope-policy
- B. The SAP-ingress policy
- C. The SAP-egress policy
- D. The network-queue policy
- E. The scheduler-policy

Correct Answer: BCE

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