



**Free Questions for 4A0-107 by certsinside**

**Shared by Barry on 15-04-2024**

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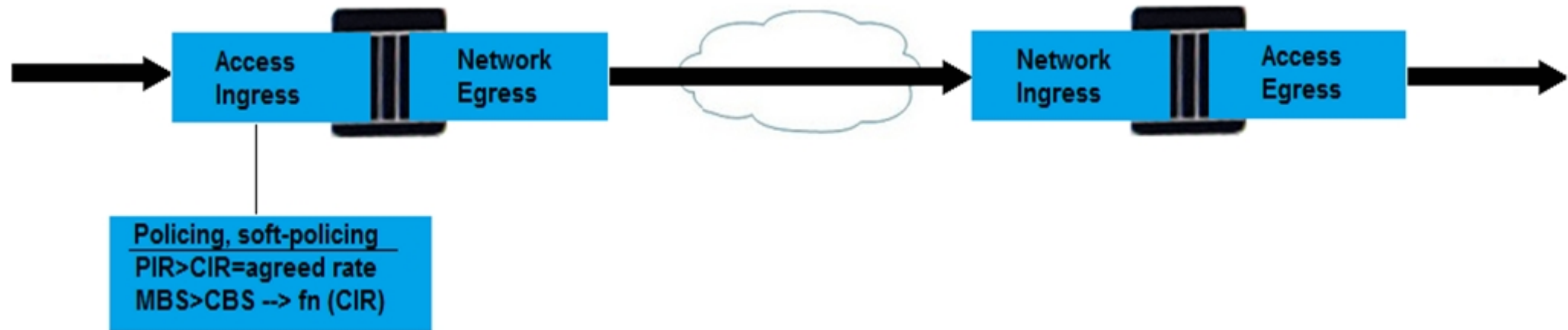
# Question 1

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Question Type: MultipleChoice

---

Refer to the exhibit.



In the diagram shown above, applying policing and soft-policing on access ingress is typical for which of the following types of traffic?

Options:

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A- Real-time

B- Assured

C- Best-effort

D- Self-generated

**Answer:**

---

C

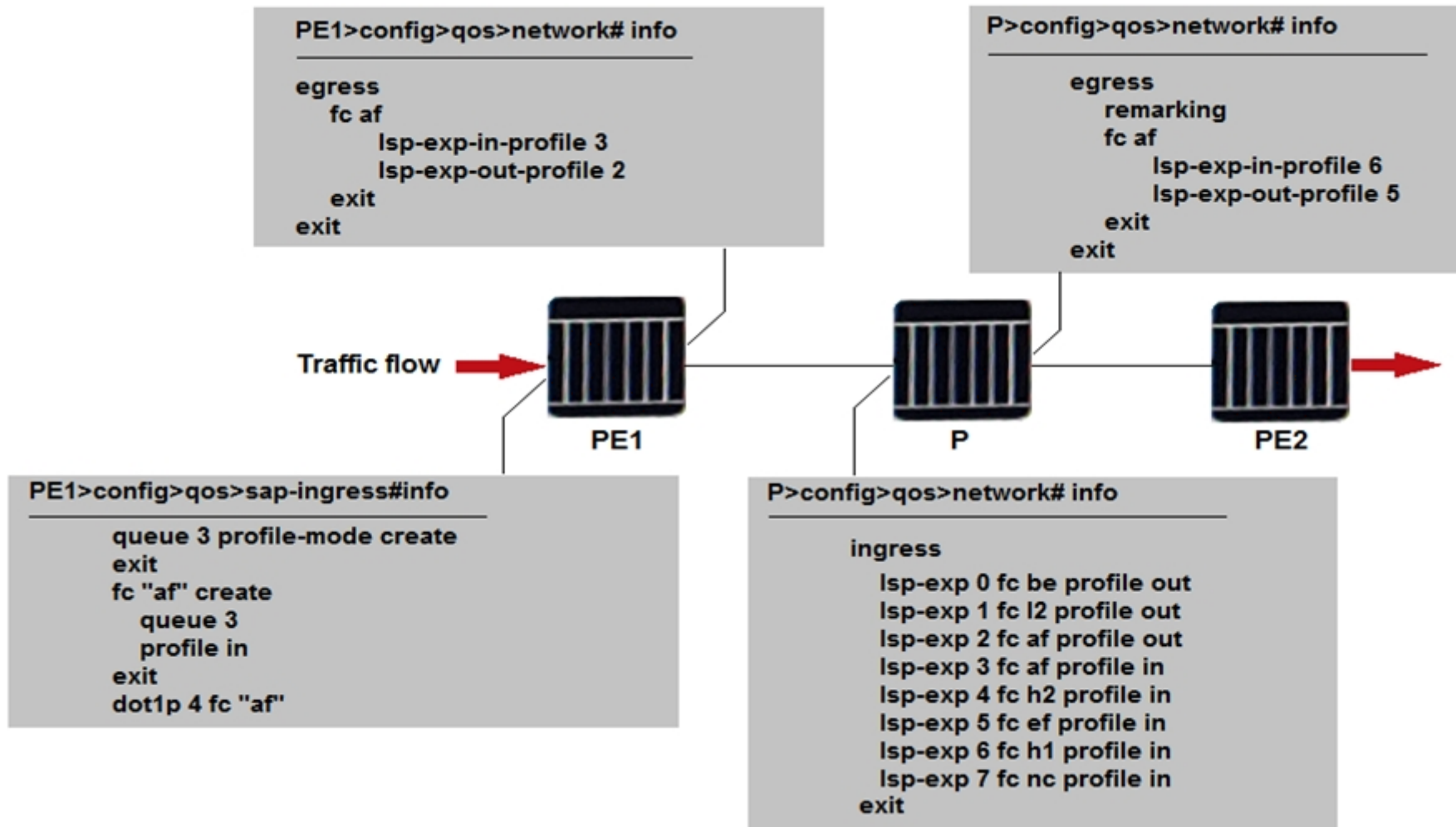
## Question 2

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**Question Type: MultipleChoice**

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Refer to the exhibit.



Traffic corresponding to a layer-3 VPN arrives at router PE1 marked with a dot1p value of 4. The SDP carrying the traffic uses an MPLS transport tunnel. Given the policies applied on the routers in the diagram, what is the EXP value of packets arriving at router PE2?

**Options:**

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A- 2

B- 3

C- 5

D- 6

**Answer:**

---

D

## Question 3

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**Question Type: MultipleChoice**

---

Which of the following fields in packets belonging to a Layer 3 service can be pre-marked on SAP-ingress?

**Options:**

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A- Dot1p

- B- DEI
- C- EXP
- D- DSCP/PREC

**Answer:**

---

D

## Question 4

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**Question Type:** MultipleChoice

---

Which of the following CANNOT be used as external marking bits?

**Options:**

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- A- IP Precedence
- B- Dot1p
- C- Forwarding class
- D- EXP

**Answer:**

---

C

## Question 5

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**Question Type:** MultipleChoice

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Refer to the exhibit.

```
*A:R1# configure router sgt-qos  
*A:R1>config>router>sgt-qos# info
```

---

```
application bgp dscp none  
dscp nc1 fc af
```

According to the configuration shown above, which of the following about the classification and marking of self-generated BGP traffic is TRUE?

**Options:**

---

- A-** It will be marked as DSCP BE and classified into forwarding class BE.
- B-** It will be marked as DSCP NC1 and classified into forwarding class BE.

**C-** It will be marked as DSCP NC1 and classified into forwarding class NC.

**D-** It will be marked as DSCP NC1 and classified into forwarding class AF.

**Answer:**

---

D

## Question 6

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**Question Type: MultipleChoice**

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Which of the following self-generated traffic applications is considered "protocol" traffic, as opposed to "management" traffic?

**Options:**

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**A-** BGP

**B-** Telnet

**C-** ICMP

**D-** SNMP



**Answer:**

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A

## Question 7

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**Question Type: MultipleChoice**

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Which of the following about the process of queuing self-generated traffic in the Nokia 7750 SR is TRUE?

**Options:**

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- A-** Ingress traffic is stored in IOM queues and egress traffic is stored in CPM queues.
- B-** Ingress traffic is stored in CPM queues and egress traffic is stored in IOM queues.
- C-** It is always stored in CPM queues.
- D-** It is always stored in IOM queues.

**Answer:**

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B

## Question 8

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**Question Type:** MultipleChoice

---

Which priority-mode queue parameter may influence both the profile marking, and scheduling priority of a queue?

**Options:**

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A- PIR

B- CIR

C- MBS

D- burst-limit

**Answer:**

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B

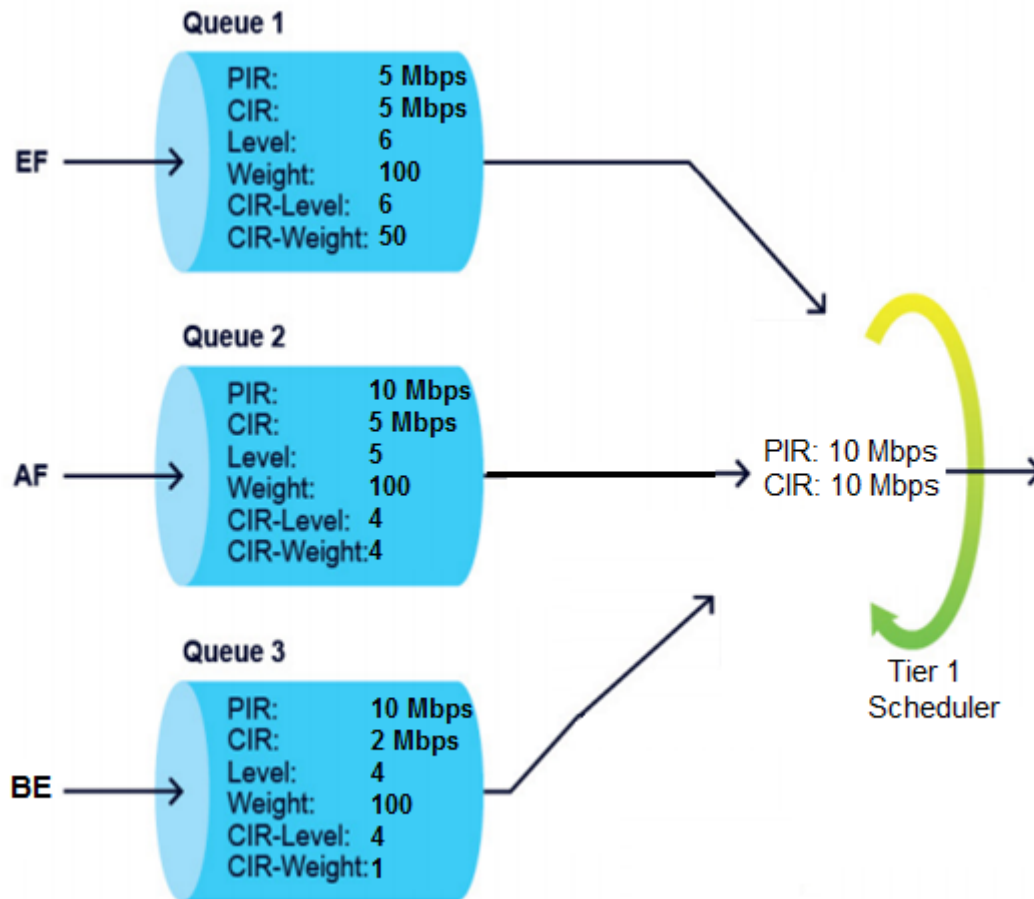
## Question 9

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**Question Type:** MultipleChoice

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Refer to the exhibit.



Given the scheduler-policy parameters shown, and assuming the offered rate of each queue is 10 Mbps, what are the operational PIR and CIR for queue 3?

**Options:**

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A- PIR = 4 Mbps, CIR = 1 Mbps

B- PIR = 1 Mbps, CIR = 1 Mbps

C- PIR = 10 Mbps, CIR = 1 Mbps

D- PIR = 5 Mbps, CIR = 1.25 Mbps

E- PIR = 1.25 Mbps, CIR = 1.25 Mbps

**Answer:**

---

C

## Question 10

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**Question Type: MultipleChoice**

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Which of the following statements about the default scheduler in the Nokia 7750 SR is TRUE?

**Options:**

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- A-** A queue will be serviced as expedited if all of the forwarding classes mapped to it are expedited, regardless of its configured type.
- B-** A queue will be serviced as best-effort if all of the forwarding classes mapped to it are best-effort, regardless of its configured type.
- C-** A queue will be serviced as expedited if at least one of the forwarding classes mapped to it is expedited, regardless of its configured type.
- D-** A queue will be serviced as expedited if its type is configured as expedited, regardless of the forwarding classes mapped to it.

**Answer:**

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A

## Question 11

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**Question Type:** MultipleChoice

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What type of unwanted packet drops can the proper configuration of a queue's burst-limit parameter prevent?

**Options:**

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- A-** Packet drops in the local queue resulting from traffic congestion.
- B-** Packet drops on the downstream nodes resulting from traffic congestion.

- C- Packet drops in the local queue resulting from traffic bursts.
- D- Packet drops on the downstream nodes resulting from traffic bursts.

**Answer:**

---

C

## Question 12

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**Question Type: MultipleChoice**

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Which of the following statements about port schedulers is TRUE?

**Options:**

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- A- A port scheduler can only be implemented on a network egress port when queue-groups are configured for that port.
- B- A port scheduler can be implemented on an access ingress port.
- C- A port scheduler can be implemented without HQoS on an access egress port.
- D- A port scheduler can be implemented on a network ingress port.

**Answer:**

---

C

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