



**Free Questions for 4A0-C02 by vceexamstest**

**Shared by Noble on 22-07-2024**

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## Question 1

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**Question Type:** MultipleChoice

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It is necessary for Tier 1 schedulers to obtain bandwidth from a higher tier scheduler.

**Options:**

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A- TRUE

B- FALSE

**Answer:**

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B

## Question 2

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**Question Type:** MultipleChoice

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Which of the following entities can scheduler policies be applied to? (Choose two)

### Options:

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- A- Network ingress port
- B- Epipe ingress SAP
- C- ES egress SAP
- D- Ingress MDA
- E- VPRN ingress interface
- F- Shared buffer space

### Answer:

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B, C

## Question 3

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### Question Type: MultipleChoice

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Which of the following statements describe the primary objectives of the policing of traffic flows on the Alcatel-Lucent 7750 SR? (Choose two)

### Options:

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- A- Ensure that traffic flows conform to their traffic profile.
- B- Log violations of metered traffic flows exceeding the CIR value set on the entity across which the traffic is moving.
- C- Provide fairness between traffic flows, so that conforming (in-profile) traffic flows are not starved of bandwidth and/or buffer space by non-conforming (out-of-profile) flows.
- D- Minimize packet loss and reduce end to end latency.
- E- Ensure that variable latencies do not cluster short bursts of originally conforming packets and render them nonconforming.

### Answer:

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A, C

## Question 4

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### Question Type: MultipleChoice

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In the context of hierarchical scheduling, a scheduler is configured with a CIR weight of 0. Which of the following statements is TRUE?

### Options:

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- A- The scheduler will be allocated its 'within CIR' bandwidth before all other children at the same level have received their 'within CIR'

bandwidth.

- B-** The scheduler will be allocated its 'within CIR' bandwidth after all other children at the same level have received their 'within CIR' bandwidth.
- C-** The scheduler will be allocated its 'within CIR' bandwidth after all other children at all levels have received their 'within CIR' bandwidth.
- D-** The scheduler will not be allocated its 'within CIR' bandwidth.

**Answer:**

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D

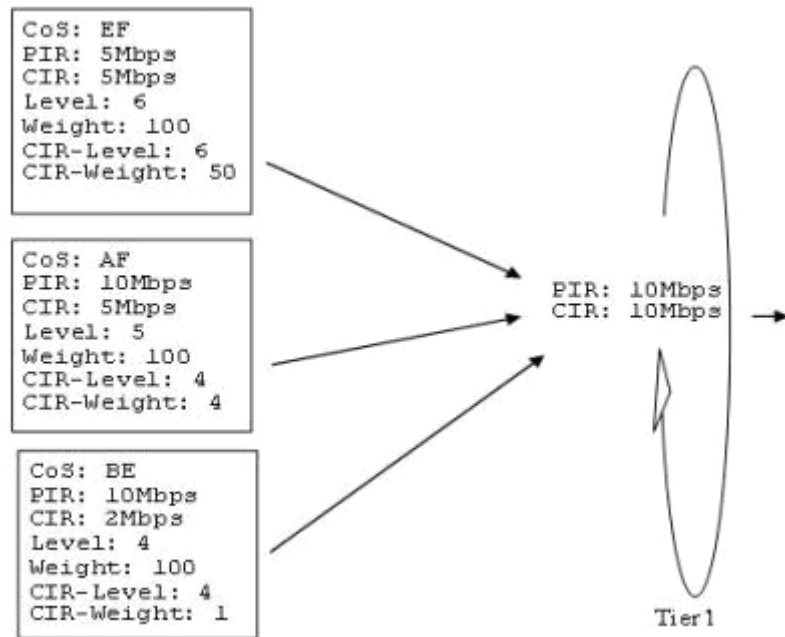
## Question 5

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**Question Type:** MultipleChoice

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Click the exhibit button below. Given the scheduler-policy (below), how much bandwidth can the best-effort traffic receive (PIR and CIR) when the ingress rate of each queue is 10Mbps?



## Options:

- A- PIR = 4Mbps. CIR = 1Mbps
- B- PIR = 1Mbps, CIR = 1 Mbps
- C- PIR = 10Mbps, CIR = 1Mbps
- D- PIR = 5Mbps, CIR = 1.25Mbps
- E- PIR = 1.25Mbps, CIR = 1.25Mbps

**Answer:**

---

B

## Question 6

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**Question Type:** MultipleChoice

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Click the exhibit button below. A service provider has applied the SAP-ingress policy configuration below on his customer's SAP. The service provider notices that all of the customer's traffic is being dropped at the SAP-ingress. Which of the following actions can resolve the problem, if applied on its own? (Choose three)

```
A:srl1>config>qos>sap-ingress# info
-----
queue 1 create
exit
queue 3 profile-mode create
    rate 50000 cir 0
    high-prio-only 100
exit
queue 11 multipoint create
exit
fc "af" create
    queue 3
    profile out
exit
default-fc af
-----
```

**Options:**

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- A- Set the CIR of queue 3 to a non-zero value corresponding to the customer's expected bandwidth requirements.
- B- Set queue 3 to use priority mode.
- C- Set the traffic classification of packets to in-profile.
- D- Set the high-priority-only value to 0.
- E- Map AF traffic to queue 1

**Answer:**

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C, D, E

## Question 7

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**Question Type: MultipleChoice**

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To manage the shared buffer space at network ports, slope policies are applied on \_\_\_\_\_ for the ingress direction, and on \_\_\_\_\_ or \_\_\_\_\_ for the egress direction.

**Options:**

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- A- Interfaces, ports, SAPs
- B- Ports, ports, MDAs
- C- MDAs, MDAs, ports
- D- Interfaces, interfaces. MDAs
- E- MDAs, ports, interfaces

**Answer:**

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C

## Question 8

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**Question Type:** MultipleChoice

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Forwarding subclasses are only relevant to, and are therefore applied within the context of, a \_\_\_\_\_policy.

**Options:**

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- A- network
- B- scheduling

- C- slope
- D- SAP-ingress
- E- network-queue

**Answer:**

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D

## Question 9

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**Question Type:** MultipleChoice

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Which of the following are the minimum requirements needed to classify traffic marked with DSCP AF11, AF12, and AF13 into the AF forwarding class and provide fair treatment to the drop precedence settings? (Choose three)

**Options:**

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- A- Profile mode queues
- B- Priority mode queues
- C- 1 queue

**D-** 3 queues

**E-** 3 forwarding classes

**F-** 1 forwarding class, with 2 subclasses

**G-** 1 forwarding class, with 3 subclasses

**Answer:**

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A, C, F

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