



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

**Shared by Hurley on 20-10-2022**

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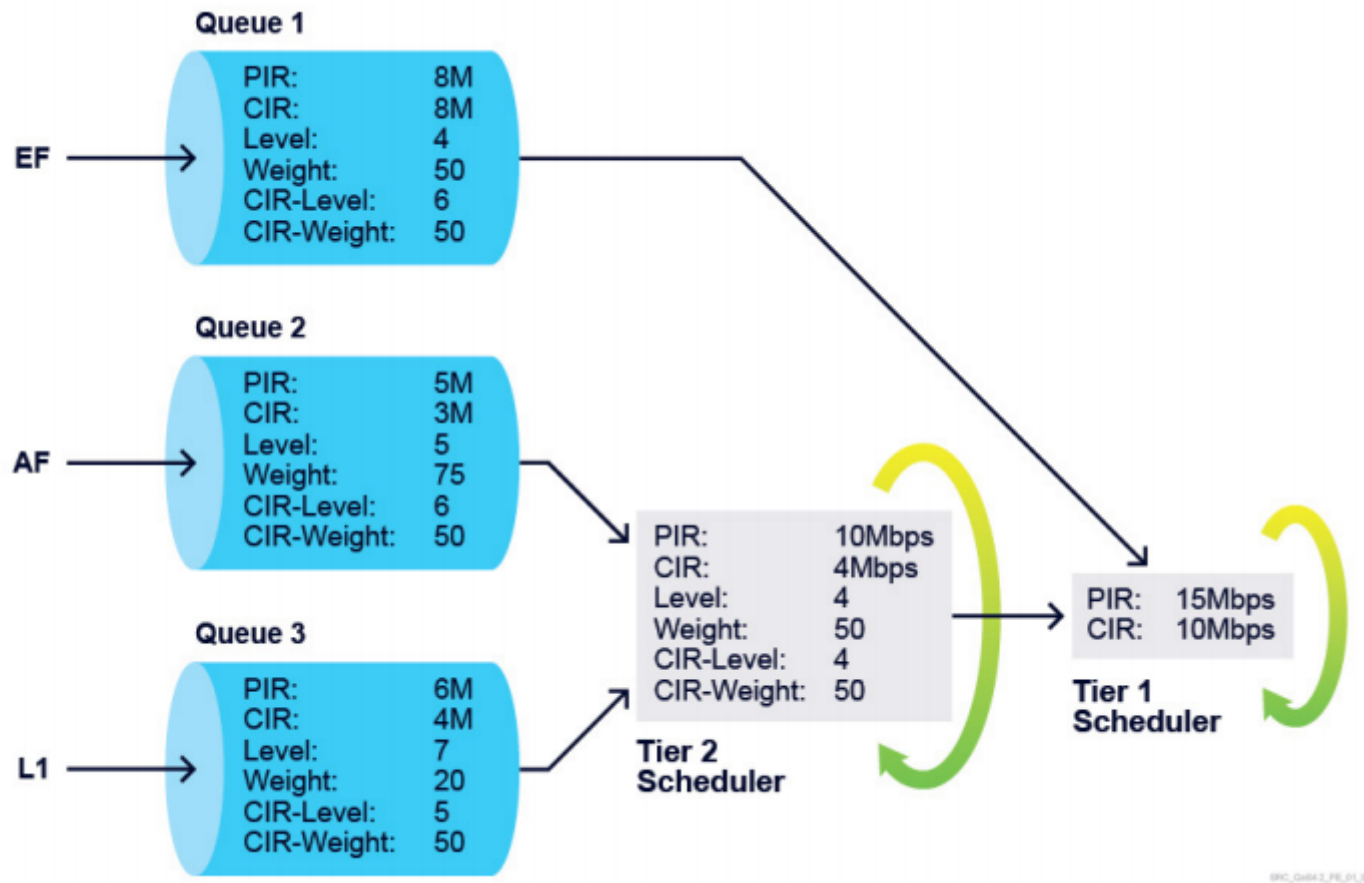
# Question 1

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**Question Type: MultipleChoice**

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A hierarchical scheduler policy with the shown parameters is configured at a service ingress. If the offered rate of each queue is 10Mbps, what is the operational PIR and CIR for queue 3?



89C\_GW42\_FL0139

### Options:

**A-** PIR = 5 Mbps, CIR = 0 Mbps

**B-** PIR= 4 Mbps, CIR = 1 Mbps

C- PIR= 6 Mbps, CIR = 4 Mbps

D- PIR= 6 Mbps, CIR = 1 Mbps

**Answer:**

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D

## Question 2

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**Question Type: MultipleChoice**

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An IOM3 card of a Nokia7750 SR is enabled with the default scheduler and the policy shown in the image is applied to an access port on this card. In which order will packets be scheduled out of the queues?

```
R1>config>qos>sap-ingress# info
```

```
-----  
---- Output omitted ----  
queue 3 create  
    rate 10000 cir 4000  
exit  
queue 4 create  
    rate 4000 cir 1000  
exit  
fc ef create  
    queue 3  
exit  
fc h1 create  
    queue 4  
exit  
fc l1 create  
    queue 3  
exit
```

### Options:

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- A-** Queue 3 within-CIR packets, then queue 4 within-CIR packets, then queue 3 and queue 4 above-CIR packets in round-robin.
- B-** Queue 4 within-CIR packets, then queue 3 within-CIR packets, then queue 3 and queue 4 above-CIR packets in round-robin.
- C-** Queue 3 within-CIR packets, then queue 4 within-CIR packets, then queue 3 above-CIR packets, and finally queue 4 above-CIR packets.

**D-** Queue 4 within-CIR packets, then queue 3 within-CIR packets, then queue 4 above-CIR packets, and finally queue 3 above-CIR packets.

**Answer:**

---

B

## Question 3

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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 FALSE?

**Options:**

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- A-** The default scheduler spends an equal amount of time servicing each queue that has traffic to be sent out.
- B-** Queue-type can be configured as best-effort, expedite, or auto-expedite.
- C-** A queue will be serviced as expedited if its type is configured as expedited, regardless of the forwarding classes mapped to it.
- D-** A queue configured as auto-expedited will be an expedited queue as long as no Best Effort FC is mapped to it.

**Answer:**

---

A

## Question 4

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**Question Type:** MultipleChoice

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Which of the following statements about burst-limit of a queue is FALSE?

**Options:**

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- A-** Burst-limit sets a limit on the maximum burst of packets transmitted during each scheduler visitation time.
- B-** Proper configuration of the burst-limit can prevent packet drops on the downstream nodes resulting from traffic bursts.
- C-** The lower the configured burst limit value, the lower the burst allowed to enter the queue.
- D-** If the burst-limit is not configured, a default burst-limit value will be used by the queue.

**Answer:**

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D

## Question 5

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**Question Type:** MultipleChoice

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Which of the following is NOT an adaptation rule supported on the Nokia 7750 SR for calculating the operational CIR/PIR of a queue?

**Options:**

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- A- Closest
- B- Average
- C- Min
- D- Max

**Answer:**

---

B

## Question 6

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**Question Type:** MultipleChoice

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Which of the following statements about a queue's rate parameters is FALSE?

**Options:**

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- A- If CIR = PIR, then all packets will be considered as in-profile.
- B- CIR can be set to 0.
- C- CIR can be larger than PIR.
- D- CIR can be set to 'max'.

**Answer:**

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A

## Question 7

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**Question Type: MultipleChoice**

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Which of the following statements about scheduling on the Nokia 7750 SR is FALSE?

### Options:

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- A-** When using priority-mode queues, traffic marked as low-priority on ingress and scheduled in the above-CIR loop will be considered as in-profile at egress.
- B-** When using priority-mode queues, traffic marked as high-priority on ingress and scheduled in the above-CIR loop will be considered as out-of-profile at egress.
- C-** When using profile-mode queues, traffic marked as low-priority on ingress and scheduled in the above-CIR loop will be considered as out-of-profile at egress.
- D-** When using profile-mode queues, traffic marked as in-profile on ingress and scheduled in the above-CIR loop will still be considered as in-profile at egress.

### Answer:

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A

## Question 8

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### Question Type: MultipleChoice

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According to the SAP-egress policy configured and applied, which queue will forwarding class AF's traffic use?

```

R1>config>qos# info
-----
--- Output omitted ---
queue-group-templates
  ingress
    queue-group "Q-Group1" create
      policer 1 create
      exit
      policer 2 create
      exit
    exit
  exit
sap-ingress 10 create
  policer 1 create
  exit
  fc "af" create
  policer 2 fp-redirect-group
  exit
  default-fc af
-----
R1>config>qos# exit all
R1#
R1# configure card 1 fp 1 ingress access queue-group "Q-Group1" instance 1 create
R1# configure service epipe 1 sap 1/1/4 ingress qos 10 fp-redirect-group Q-Group1 instance 1

```

## Options:

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- A- Policer 2 on the queue-group Q-Group1 instance 1.
- B- Policer 1 on the queue-group Q-Group1 instance 1.
- C- The default policer 1.
- D- AF traffic is dropped.

**Answer:**

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A

## Question 9

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**Question Type: MultipleChoice**

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A queue-group template can contain both queues and policers when applied under which conditions?

**Options:**

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- A-** When applied at the port level for access ingress.
- B-** When applied at the FP (Forwarding Pass) level for access ingress.
- C-** When applied at the FP (Forwarding Pass) level for network ingress.
- D-** When applied at the port level for network egress.

**Answer:**

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D

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