Free Questions for 4A0-107

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Question 1

Question Type: MultipleChoice

Which of the following statements is a characteristic of a CFHP arbiter?

Options:

A- An arbiter can adjust the CIR of its child policers.
B- An arbiter rate-limits the collective output of several policers towards each egress FFPC.
C- An arbiter can adjust the bandwidth assigned to its child arbiters and child policers.
D- An arbiter does not need to honor the configurations of its child policers.

Answer:

C

Question 2

Question Type: MultipleChoice

A profile-mode queue is configured with MBS = 100 KB, CBS = 50 KB and High-Priority-Only = 40%. Assume there is no CBS overbooking, and the slope-policy is disabled. If the current queue depth is 70 KB, what will happen to an out-of-profile packet when it is transmitted to the queue?

Options:

A- It will be stored in the reserved buffer space and remain out-of-profile.
B- It will be stored in the reserved buffer space and become in-profile.
C- It will contend for shared buffer space with packets from other queues.
D- It will be discarded because the high-priority-only threshold has been reached.

Answer:

A

Question 3

Question Type: MultipleChoice

Which of the following statements about the token buckets of a policer is TRUE?

Options:

A- When a packet arrives, the PIR bucket depth is checked and the packet is discarded if this bucket is full.
B- The CIR bucket of a policer is the reserved portion of its PIR bucket.
C- The CIR bucket of a policer has two thresholds: CBS and HPO.
D- Packets processed by the PIR bucket at an average rate above PIR will be forwarded as out-of-profile.

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Answer:

A

Question 4

Question Type: MultipleChoice

Packets enter the network via the ePipe SAP on PE1 with dot1p marking of 6. The VC type of the SDP interconnecting PE1 and PE2 is vlan. All network interfaces use the default network QoS policy. According to the configuration shown above, what is the inner dot1p value of the BE traffic egressing router PE2?

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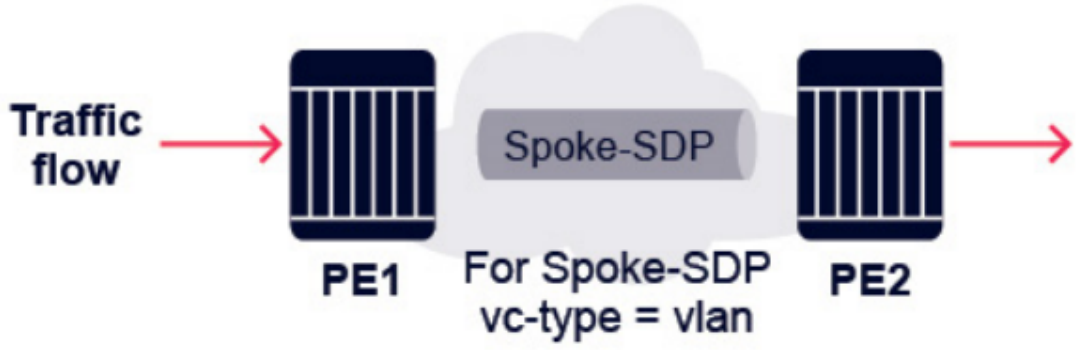


```
A:PE1# configure service epipe 11
A:PE1>config>service>epipe# info
----------------------------------------------
    sap 1/1/1:50
    exit
    spoke-sdp 12:11 vc-type vlan
```

```
A:PE2# configure service epipe 11
A:PE2>config>service>epipe# info
----------------------------------------------
    sap 2/2/2:11.22
        egress
            qos 10
            qinq-mark-top-only
        exit
    exit
    spoke-sdp 21:11 vc-type vlan
```

```
A:PE2# configure qos sap-egress 10
A:PE2>config>qos>sap-egress# info
----------------------------------------------
    queue 3 create
    exit
    fc be create
      queue 3
      dot1p 3
    exit
```

Options:

A- 0
B- 3
C- 6
D- 22

Answer:

C

Question 5

Question Type: MultipleChoice

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

Options:

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:

A

Question 6

Question Type: MultipleChoice

Which of the following is an advantage of using queue-groups on a service SAP?

Options:

A- It enables CFHP.
B- It more scalable than using policers.
C- It allows a separate set of queues/policers for each VLAN on a port.
D- It allows a set of queues to be shared among multiple SAPs.

Answer:

D

Question 7

Question Type: MultipleChoice

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

Options:

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:

B

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