4A0-107^{Q&As}

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QUESTION 1

A packet is to be encapsulated inside an MPLS tunnel which consists of two MPLS headers at the first network egress. Which of the MPLS EXP fields will be marked?

A. The EXP field in the bottom MPLS header will be marked.

B. The EXP field in both the top and bottom MPLS headers will be marked.

C. For Layer 2 services, the top MPLS header will be marked; for Layer 3 services, the bottom MPLS header will be marked.

D. The EXP field in the top MPLS header will be marked.

E. Neither the top nor the bottom EXP field will be marked since EXP remarking can only be done on the network ingress.

Correct Answer: B

QUESTION 2

A frame belonging to a Layer 2 service is encapsulated in an MPLS tunnel at a network-egress port. Which of the following fields in the frame can be marked or remarked at the network egress port?

A. ToS

B. DSCP

C. PREC

D. EXP

Correct Answer: D

QUESTION 3

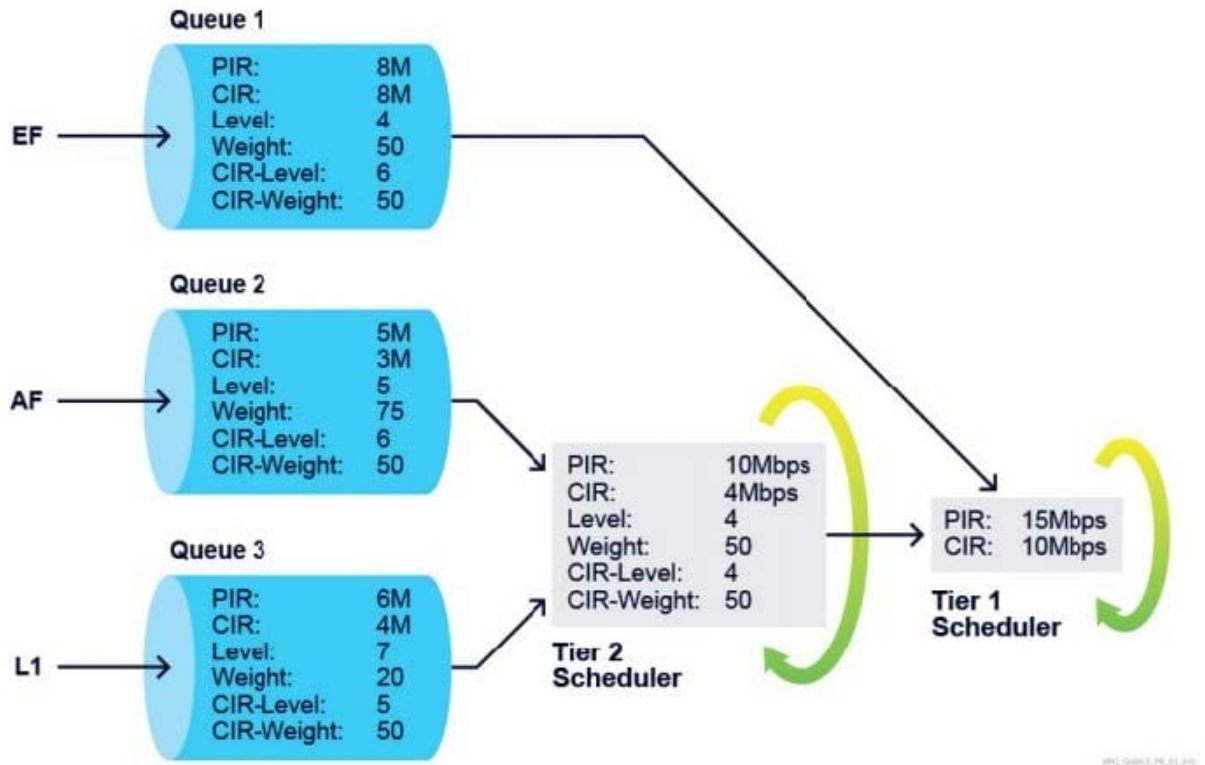What is the maximum number of SAP-ingress policies that can be applied on a SAP?

A. 1

B. 2

C. 3

D. 4

E. 5

F. 8

Correct Answer: A

QUESTION 4

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?

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

Correct Answer: D

QUESTION 5

Which of the following statements regarding scheduling on the Nokia 7750 SR is TRUE? (Choose two)

A. When using profile-mode queues, traffic that is marked as in-profile on ingress and scheduled in the above-CIR loop will still be considered as in-profile at egress.

B. When an HQoS strategy using an egress port-scheduler has been deployed, Tier 1 receives its scheduling rates based on the amount of egress bandwidth available for each forwarding class.

C. The greater the difference between PIR and CIR rates in a queue, the less likely a CIR will be provided.

D. Packets scheduled out of high-priority queues in the default scheduler will have a lower chance of packet loss at the expense of incurring a higher probability of delay.

E. When using priority-mode queues, traffic that is marked as in-profile on ingress and scheduled in the above-CIR loop will be considered as in-profile at egress.

Correct Answer: AC

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