# 4A0-107<sup>Q&As</sup>

Alcatel-Lucent Quality of Service

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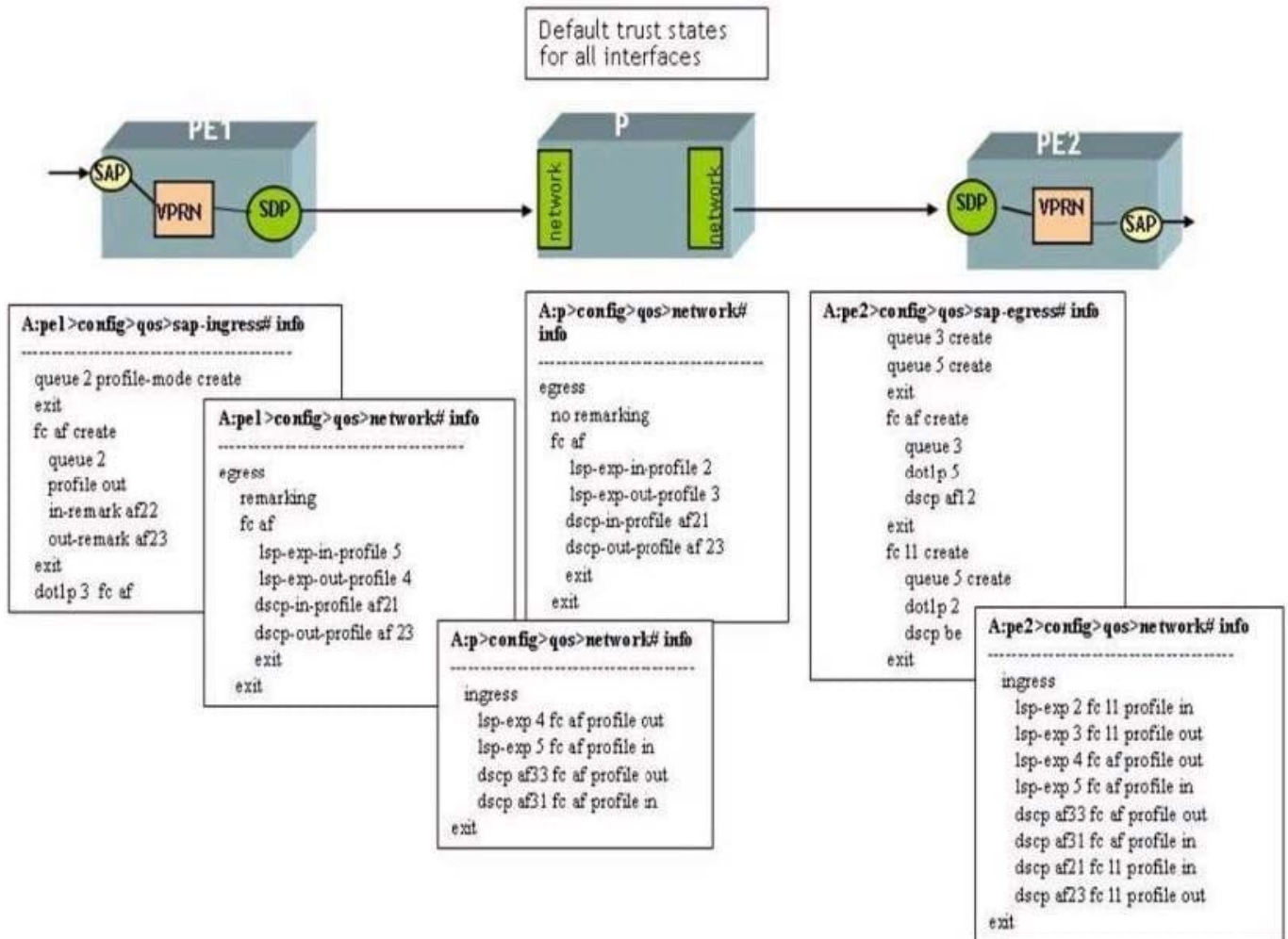
**QUESTION 1**

Which of the following BEST describes a SAP when regarding QoS?

A. A point in the network where EXP bits can be mapped to one of eight predefined FCs, each one with its own queue.

B. A logical point in a service tunnel where all of customer traffic is aggregated.

C. A point at which the initial classification of customer traffic occurs.

D. A point in the network where QoS parameters are discarded in favor of lower-level hardware queuing functions, such as LLI (Link Layer Interleave).

E. A point in the network where traffic flows from multiple different services are queued together, based on forwarding class.

Correct Answer: C

**QUESTION 2**

Click the exhibit button below.

All interfaces are using their default trust states and MPLS is used as the transport tunnel. The SAP-ingress, SAP-egress, and network QoS policies have been configured as shown below. Assume that the default network-queue policy is used on each router.

At router PE 1, customer traffic is arriving marked with DSCP BE and tagged with a dot1p value of 3.

Based on the configuration shown below for the VPRN service, what will be the DSCP and dot1p marking for the packet egressing at router PE 2? (Choose two)
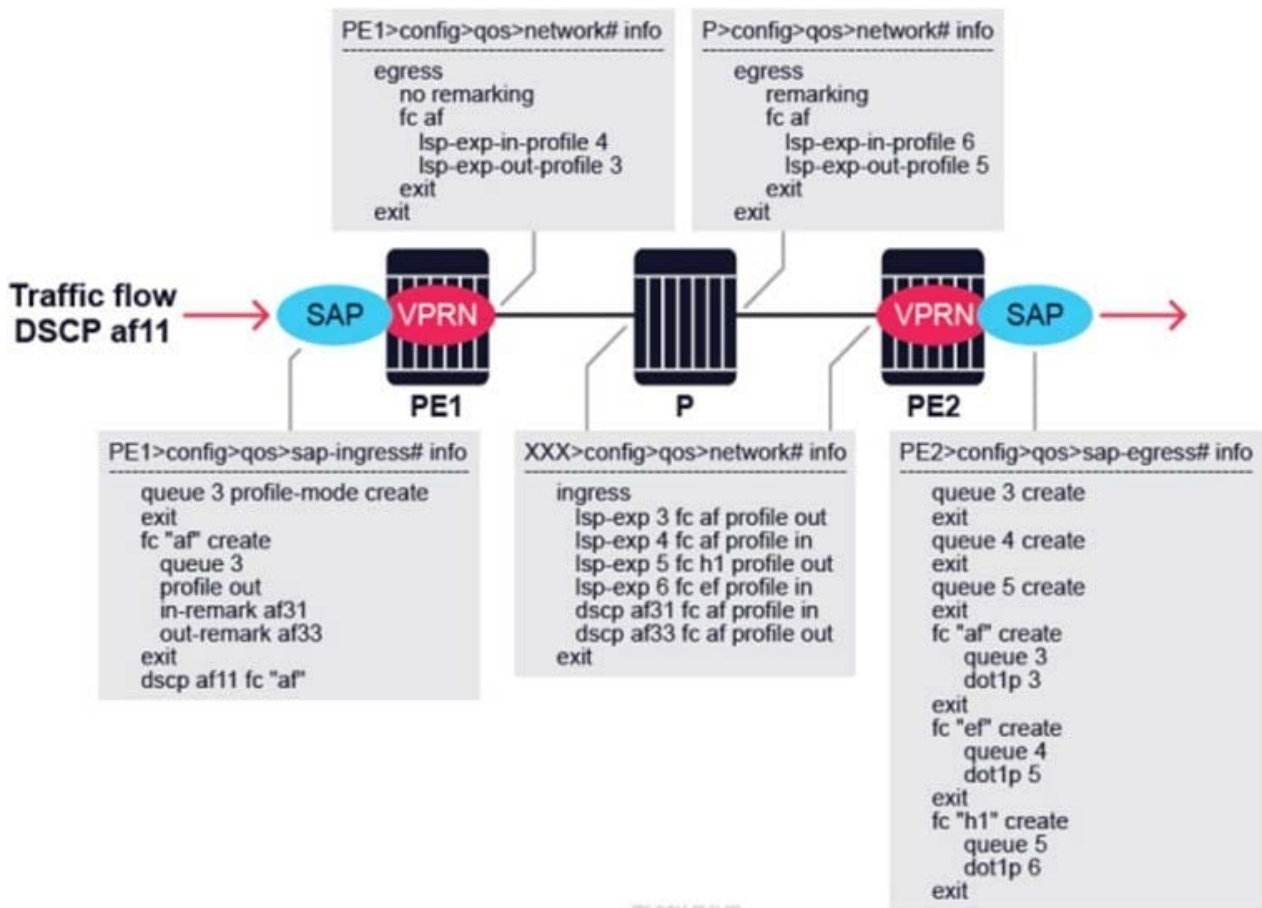
A. The DSCP value will be set to af21.

B. The DSCP value will be set to be.

C. TheDSCPvaluewillbesettoaf23.

D. The DSCP value will be set to af 12.

E. Thedot1pvaluewillbesetto5.

F. Thedot1pvaluewillbesetto2.

G. The dot1p value will be set to 3.

Correct Answer: DE

**QUESTION 3**

Packets arrive at the VPRN SAP on PE1 with DSCP marking of af11 and Dot1p of 2. According to the QoS policies applied at routers PE1, P, and PE2, what is the dot1p value of packets egressing routerPE2? (All the SDPs are MPLS-encapsulated, and all interfaces are using their default trust states).



A. 2

B. 3

C. 5

D. 6

Correct Answer: B

**QUESTION 4**

Which of the following statements BEST describes an MBS parameter?

A. It specifies the maximum rate at which a queue can be serviced.

B. It specifies the maximum depth of a queue beyond which packets will be dropped.

C. It specifies the portion of a queue that is taken from the reserved buffer pool.

D. It specifies the threshold beyond which only in-profile packets will be queued.

E. It specifies the peak bandwidth that can be attained by the incoming traffic.

Correct Answer: B

## QUESTION 5

Click the exhibit button below. A partial SAP-ingress policy configuration is shown below. A UDP video stream is sent to a PC with IP address 192.168.1.100. Given the SAP-ingress policy, to which forwarding class is the traffic matched?

```
A:sr1a>config>qos>sap-ingress# info detail
----------------------------------------------------------------
---- output omitted --------------
            ip-criteria
                    entry 10 create
                    match dst-ip 192.168.1.99/32
                    exit
                    action fc "af"
                exit
                entry 20 create
                    match protocol udp
                    exit
                    action fc "ef"
                exit
                entry 30 create
                    match protocol udp
                        dst-ip 192.168.1.100/32
                    exit
                    action fc "h2"
                exit
                entry 40 create
                    match protocol icmp
                    exit
                    action fc "h1"
                exit
            exit
            default-fc "be"
----------------------------------------------------------------
```

A. AF

B. EF

C. H2

D. H1

E. BE

Correct Answer: B

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