



DUMPSsheet

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Question 1

Question Type: MultipleChoice

Which of the following statements are TRUE regarding the remarking of packets arriving on the network interface whose ToS-marking-state is set to trusted and remarking enabled on network egress? (Choose two)

Options:

- A- Native IP Packets will not be remarked.
- B- Native IP Packets will be remarked.
- C- Packets associated with a VPRN service on an upstream node will not be remarked.
- D- Packets associated with an ES service on an upstream node will be remarked.

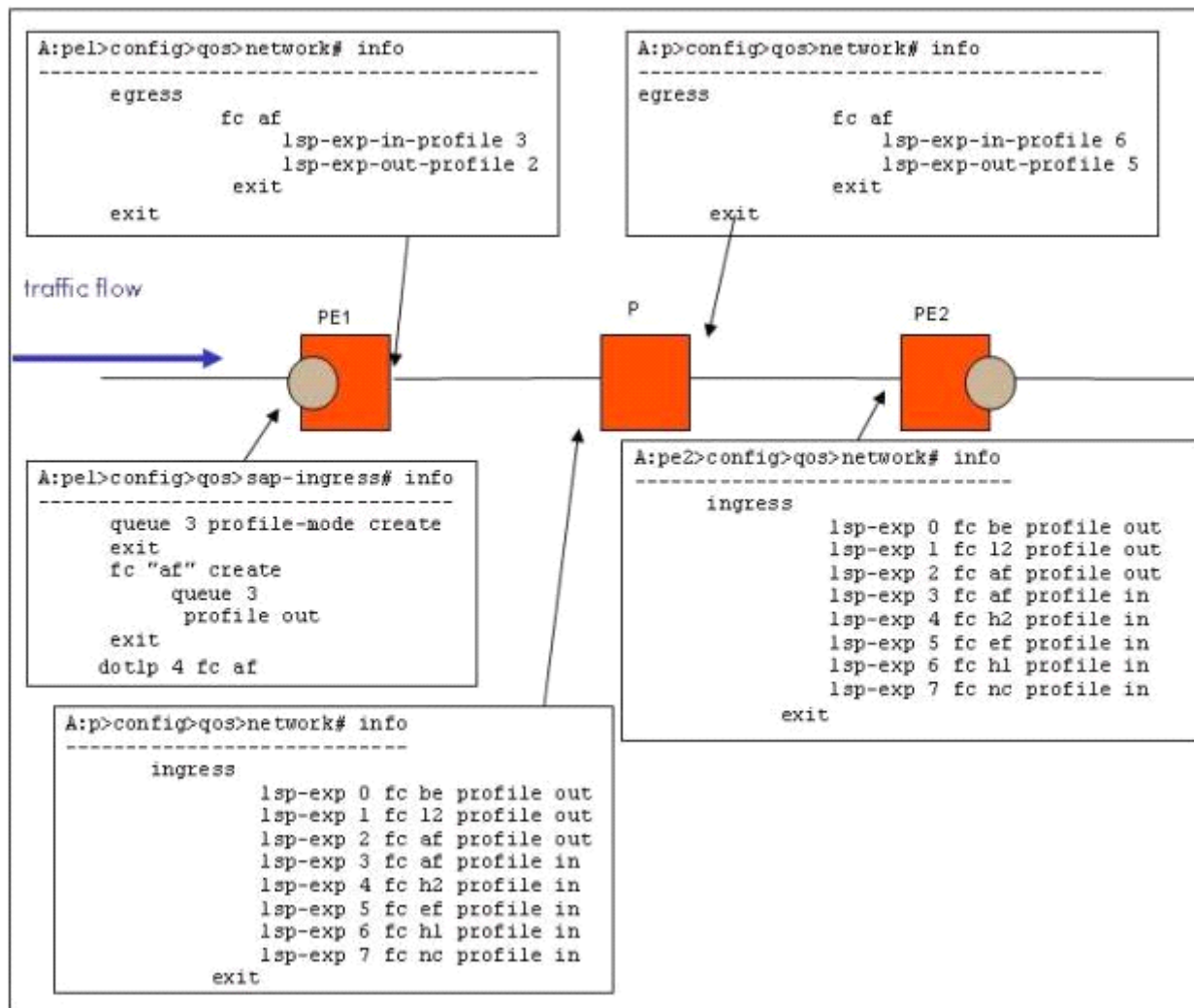
Answer:

B, D

Question 2

Question Type: MultipleChoice

Click the exhibit button below. Traffic arriving at router PE 1 is marked with a dot1p value of 4. Given the network policies applied on the routers in the diagram below, what is the EXP value of packets arriving at router PE 2?



Note: Only relevant portions of the network policy are shown.

Options:

- A- 2
- B- 3
- C- 5
- D- 6
- E- None of the above.

Answer:

A

Question 3

Question Type: MultipleChoice

Which of the following statements are TRUE regarding the building of a QoS-enabled network? (Choose two)

Options:

- A- It is important that all packets are classified in the same way at all SAP-ingress points.
- B- Once a packet is classified to a forwarding class, it cannot change across the network.
- C- Packet enters a node will be treated as per the local hop's configured policy.
- D- Native IP packets entering a network port will be marked at the first network egress by default
- E- Native IP packets entering a network port will not be marked at the first network egress by default.
- F- Native IP packets entering a network port will be marked at the first network egress, regardless of the re-marking configuration.

Answer:

C, E

Question 4

Question Type: MultipleChoice

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?

Options:

- 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.

Answer:

B

Question 5

Question Type: MultipleChoice

Which of the following statements are TRUE when discussing self-generated traffic QoS? (Choose two)

Options:

- A- In order to mark Layer 2 traffic, sgt-qos will set various ToS bits.

- B-** DSCP bits can be set per application, per routing instance.
- C-** The DSCP marking stays nc1 for all applications. Only the internal FC is manipulated across different applications.
- D-** In order to mark Layer 2 self-generated traffic, network interfaces must be set to dot1Q.
- E-** The internal forwarding class for self-generated traffic is set once and applied to the base router and all VPRN instances.

Answer:

B, D

Question 6

Question Type: MultipleChoice

In which of the following scenarios is self-generated traffic QoS (sgt-QoS) useful?

Options:

- A-** EXP markings on transit control traffic are not set correctly.
- B-** The priority of all self-generated traffic needs to be lowered to allow all other traffic to take precedence.
- C-** The priority of various control packets requires special treatment throughout the network.

D- The BGP process is consuming too many CPU cycles and is impacting OSPF performance.

Answer:

C

Question 7

Question Type: MultipleChoice

A service provider is using GRE for his transport tunnel on the Alcatel-Lucent 7750 SR. How can traffic be marked as it traverses the service provider's network? (Choose two)

Options:

- A-** Using dot1p bits of the 802.1q Ethernet frame header
- B-** Using DSCP bits within the ToS field of the IP packet header.
- C-** Using the IP precedence bits within the ToS field of the IP packet header.
- D-** Using the CLP bit of the ATM cell header.
- E-** Using the EXP bits of the MPLS transport label header.

Answer:

A, B

Question 8

Question Type: MultipleChoice

Which of the following are trusted boundaries, by default? (Choose two)

Options:

- A- An IES SAP
- B- A VPLS SAP
- C- A network port
- D- AVPRN SAP
- E- An access port

Answer:

C, D

Question 9

Question Type: MultipleChoice

Which of the following statements regarding egress FC and profile over-ride are TRUE? (Choose two)

Options:

- A-** Packets can be classified into 16 different FCs when using priority mode queuing.
- B-** This feature is available on egress SAPs within any service.
- C-** MPLS EXP bits can be changed based on multi-field classification.
- D-** If a Behavior Aggregate (BA) and Multi-field (MF) match occurs, only the MF override parameters will take effect.
- E-** If a Behavior Aggregate (BA) and Multi-field (MF) match occurs, the BA classification can override the forwarding class while the MF classification can override the profile.

Answer:

B, E

Question 10

Question Type: MultipleChoice

At which points can traffic be marked or remarked on the Alcatel-Lucent 7750? (Choose two)

Options:

- A- SAP-ingress only
- B- SAP-egress only
- C- SAP-ingress and SAP-egress
- D- Network ingress
- E- Network egress

Answer:

C, E

Question 11

Question Type: MultipleChoice

Click the exhibit button below. Given this scheduler-policy configuration, which of the following can be said about the scheduler called "high"? (Choose two)

```
A:srl1>config>qos>scheduler-policy# info
-----
    tier 1
      scheduler "Root" create
        description "This is the root scheduler"
        rate 50000 cir 50000
      exit
    exit
  tier 2
    scheduler "high" create
      description "High priority traffic"
      parent "Root" level 5 cir-level 5
      rate 30000 cir 25000
    exit
  tier 3
    scheduler "low" create
      description "Low priority traffic"
      parent "high" level 2 cir-level 2
      rate 50000 cir 10000
    exit
  exit
-----
```

Options:

- A- It is a parent scheduler.
- B- It is the top-level scheduler.

- C-** It can allocate up to 50 Mbps of bandwidth to scheduler 'low' since the bandwidth is not used by another Tier 3 scheduler.
- D-** It is a child scheduler.
- E-** It can only have queues as children.

Answer:

A, D

Question 12

Question Type: MultipleChoice

Which of the following statements regarding policing and shaping on the Alcatel-Lucent 7750 SR are TRUE? (Choose two)

Options:

- A-** The larger the configured MBS value, the lower the amount of shaping performed.
- B-** When policing is enabled on the SAP-ingress, all traffic is considered as in-profile.
- C-** Setting the CIR to 1000 and the PIR to max will enable shapeless policing at 1 Mbps within the SAP-egress policy.
- D-** Configuring MBS to equal CBS will disable shaping.

E- Setting the CIR and PIR to equal values disables soft-policing.

Answer:

B, E

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