



Free Questions for 4A0-107 by certscare

Shared by Higgins on 29-01-2024

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Question 1

Question Type: MultipleChoice

Which of the following statements about configuring queues to use shared or reserved buffer space is FALSE?

Options:

- A- When queues use shared buffer space, buffers are more efficiently utilized.
- B- Queues that use reserved buffer space will have memory available for their reserved portion.
- C- When a queue is not using its reserved portion, other queues can use it.
- D- Using reserved buffer space prevents a queue from being starved of buffer resources by other queues.

Answer:

C

Question 2

Question Type: MultipleChoice

Which ports on the same MDA share a buffer pool in a Nokia 7750 SR?

Options:

- A- Access ingress ports
- B- Access egress ports
- C- Network ingress ports
- D- Network egress ports

Answer:

D

Question 3

Question Type: MultipleChoice

Which of the following modules has 768 MB of buffer memory that dynamically allocates between its two MDAs?

Options:

A- IOM3

B- FP3 based IMM

C- IOM1

D- IOM2

Answer:

A

Question 4

Question Type: MultipleChoice

Which of the following egress points does NOT support egress reclassification?

Options:

A- Spoke-SDPs bound to an IES

- B- Spoke-SDPs bound to a VPRN interface
- C- SAPs
- D- Network interfaces

Answer:

D

Question 5

Question Type: MultipleChoice

Which parameter can be configured in a network ingress QoS policy?

Options:

- A- The priority (low/high) to be assigned to the packets.
- B- The profile (in/out) to be assigned to the packets.
- C- The queues to be assigned to the forwarding classes.
- D- The markings to be marked on the packets.

Answer:

B

Question 6

Question Type: MultipleChoice

The network QoS policy shown below is applied properly to a Nokia 7750 SR acting as a transit Label Switch Router (LSR) for a given MPLS tunnel. A packet is received inside the MPLS tunnel with EXP=4, dot1p=4, and DSCP=AF. Which forwarding class is assigned to this packet?

```
R2>config>qos>network# info
-----
    ingress
      default action fc l2 profile out
      ler-use-dscp
      dscp af fc h1 profile in
      lsp-exp 4 fc af profile out
      dot1p 4 fc be profile in
    exit
  egress
  exit
-----
```

Options:

A- L2

B- H1

C- AF

D- BE

Answer:

B

Question 7

Question Type: MultipleChoice

Which of the following statements about network QoS policies is FALSE?

Options:

A- Classification rules must specify both an FC and a profile for the packets.

B- A network policy is applied at a physical port.

C- Classification is performed with behavior-aggregate statements only.

D- Match criteria can be chosen from dot1p, DSCP, and EXP fields in the packet.

Answer:

C

Question 8

Question Type: MultipleChoice

Which of the following statements about a SAP-ingress policy is FALSE?

Options:

A- It maps customer traffic to forwarding classes on ingress.

B- It can use customer QoS markings to do the mapping.

C- The default SAP-ingress policy classifies all traffic into FC "be" with low priority.

D- It serves the classification, queuing, and marking functions of QoS but does not serve scheduling

Answer:

D

Question 9

Question Type: MultipleChoice

The SAP-ingress policy shown below is applied properly to a Nokia 7750 SR. A traffic stream is received from an IP address of 192.168.2.200 with DSCP and dot1p set to EF and 4, respectively. Which forwarding class and priority level is used for this traffic stream?

```
R2>config>qos>sap-ingress# info
-----
--- Output omitted ---
ip-criteria
  entry 10 create
    match
      dscp ef
    exit
    action fc "h1"
  exit
  entry 20 create
    match
      src-ip 192.168.2.200
    exit
    action fc "af" priority low
  exit
exit
dot1p 4 fc l1 priority high
exit
-----
```

Options:

- A- FC H1, high
- B- FCH1, low
- C- FCAF, high

D- FCAF, low

Answer:

A

Question 10

Question Type: MultipleChoice

Which of the following criteria is an IP multi-field classification option?

Options:

A- prec

B- lsp-exp

C- src-ip

D- do1p

Answer:

C

Question 11

Question Type: MultipleChoice

Which of the following statements about behavior aggregate and multi-field classification in a Nokia 7750 SR is TRUE?

Options:

- A-** Multi-field classification can use both MAC criteria and IP criteria in the same SAP-ingress QoS policy.
- B-** Behavior aggregate classification can use both lsp-exp and dscp in the same SAP-ingress QoS policy.
- C-** Multi-field classification cannot use both IP criteria and IPv6 criteria in the same SAP-ingress QoS policy.
- D-** Behavior aggregate classification cannot use both dot1p and lsp-exp in the same SAP-ingress QoS policy.

Answer:

D

Question 12

Question Type: MultipleChoice

Which of the following statements about Assured Forwarding (AF) Per Hop Behavior (PHB) groups is FALSE?

Options:

- A-** It defines a premium service that effectively creates a dedicated link between peers.
- B-** It defines four different AF traffic classes.
- C-** Every AF class in each differentiated services node is allocated a certain amount of forwarding resources.
- D-** Within each AF class, IP packets are marked with one of three possible drop precedence values.

Answer:

A

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