



Nokia 4A0-107 Mock Exam

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Question 1

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

Question 2

Question Type: MultipleChoice

Refer to the exhibit.

```
*A:R1>config>qos>network# info
  ingress
    dscp ef fc ef profile in
    isp-exp 5 fc h1 profile out
  exit
  egress
  exit
```

In the image shown above, the network QoS policy is applied properly to a Nokia 7750 SR. An MPLS packet with dot1p=1, EXP=4, and DSCP=AF is received. Which forwarding class and profile is assigned to this packet?

Options:

- A- EF, in
- B- H1, out
- C- BE, out
- D- L1, in

Answer:

D

Question 3

Question Type: MultipleChoice

Which of the following are categories of forwarding classes on the Nokia 7750 SR? (Choose two)

Options:

- A- Real-time
- B- Assured
- C- Non-conforming
- D- High priority
- E- In-profile

Answer:

A, D

Question 4

Question Type: MultipleChoice

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:srla>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
default-fc "be"
-----
```

Options:

- A- AF
- B- EF
- C- H2
- D- H1
- E- BE

Answer:

B

Question 5

Question Type: MultipleChoice

While deciding how to share the available bandwidth among its children, when does a port scheduler consider the parameter "level" of a child?

Options:

- A- During the allocation of within-CIR bandwidth.
- B- During the allocation of above-CIR bandwidth.
- C- During the allocation of both within-CIR and above-CIR bandwidth.
- D- The port scheduler does not use the level of a child for making bandwidth allocation decisions

Answer:

B

Question 6

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 7

Question Type: MultipleChoice

How is buffer memory allocated per forwarding complex on a Nokia FP3-based IMM?

Options:

- A- 512 MB ingress, 512 MB egress
- B- 512 MB for network ports, 512 MB for access ports
- C- 3.84 GB dynamically allocated between ingress and egress
- D- 2 GB, with a minimum of 512 MB ingress and egress, and an additional 1 GB dynamically allocated

Answer:

D

Question 8

Question Type: MultipleChoice

According to the configurations shown, which of the following statements about the classification and queuing of self-generated OSPF traffic is TRUE?

```
R1# config>router>sgt-qos# info
      application ospf dscp none
      dscp nc1 fc be

R1#
R1# exit all
R1#
R1# config qos network-queue default
R1# info
      --- Omitted Output ---
      fc nc create
         queue 8
      exit
      fc be create
         queue 1
      exit
      --- Omitted Output ---
```

Options:

- A- It will be classified into forwarding class BE and stored in queue 1.
- B- It will be classified into forwarding class BE and stored in queue 8.
- C- It will be classified into forwarding class NC and stored in queue 1.
- D- It will be classified into forwarding class NC and stored in queue 8.

Answer:

A



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