



**Free Questions for 4A0-C02 by go4braindumps**

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## Question 1

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**Question Type:** MultipleChoice

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By default, how does a hybrid port on a Nokia 7750 SR share its allocated buffer space between access and network pools?

### Options:

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- A-** All buffer space is initially allocated to access pools, and some of it is reallocated to network pools if network interfaces are configured on it.
- B-** All buffer space is initially allocated to network pools, and some of it is reallocated to access pools if service SAPs are configured on it.
- C-** Buffer space is allocated 50% for access pools and 50% for network pools.
- D-** Buffer space is allocated 25% for access pools and 75% for network pools.

### Answer:

---

B

## Question 2

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**Question Type:** MultipleChoice

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In the image shown above, the network QoS policy is applied properly to a Nokia 77S0 SR acting as a transit Label Switch Router (LSR) for a given MPLS tunnel. A packet is received inside the MPLS tunnel with EXP=5, dot1p=0, and DSCP=EF. Which forwarding class is assigned to this packet?

```
*A:R1>config>qos>network# info
-----
    ingress
      default-action fc af profile out
      ler-use-dscp
      dscp ef fc ef profile in
      lsp-exp 5 fc h1 profile out
      dot1p 0 fc be profile out
    exit
  egress
  exit
-----
```

**Options:**

---

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

**Answer:**

---

D

## Question 3

---

**Question Type:** MultipleChoice

---

According to the SAP-ingress QoS policy shown, what needs to be the depth of the CIR bucket of policer 5, as a minimum, for forwarded packets to start being marked as out-of-profile?

```
*A:R1>config>qos>sap-ingress# info
```

```
-----  
--- Output omitted ---
```

```
policer 5 create
```

```
  mbs 20
```

```
  cbs 10
```

```
  high-prio-only 10
```

```
exit
```

```
policer 6 create
```

```
  mbs 24
```

```
  cbs 24
```

```
  high-prio-only 90
```

```
exit
```

```
fc ef create
```

```
  policer 6
```

```
exit
```

```
fc l1 create
```

```
  policer 5
```

```
exit
```

```
fc l2 create
```

```
  policer 5
```

```
exit
```

```
dot1p 1 fc "l2"
```

```
dot1p 5 fc "ef"
```

```
dscp "ef" fc "ef" priority high
```

```
default-fc l1
```

```
default-priority low
```

```
-----
```

**Options:**

---

- A- 1,000 tokens
- B- 2,000 tokens
- C- 10,000 tokens
- D- 20,000 tokens

**Answer:**

---

A

## Question 4

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**Question Type:** MultipleChoice

---

According to the SAP-egress policy configured and applied, which queue will EF traffic use?

```

*A:R1>config>qos# info
-----
--- Output omitted ---
queue-group-templates
  egress
    queue-group "qg-10" create
    exit
  exit
exit
sap-egress 10 create
  queue 1 create
  exit
  policer 1 create
  exit
  fc ef create
    policer 1 group "qg-10"
  exit
  default-fc ef
exit
-----
*A:R1>config>qos# exit all
*A:R1#
*A:R1# configure port 1/1/6 ethernet access egress queue-group "qg-10" create
*A:R1# configure service epipe 1 sap 1/1/6 egress qos 10

```

## Options:

---

**A-** Queue 2 in 'policer-output-queues,' the default queue group used by policers on egress, because there are no queues in the 'qg-10' queue-group template.

- B-** The local SAP's queue 1, because there is no queue in the 'qg-10' queue-group template for EF traffic.
- C-** Queue 1 in the 'qg-10' queue-group, because it exists by default and all traffic is mapped to it.
- D-** EF traffic is dropped because there are no queues in the 'qg-10' queue-group template.

**Answer:**

---

B

## Question 5

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**Question Type:** MultipleChoice

---

Which priority-mode queue parameter may influence both the profile marking, and scheduling priority of a queue?

**Options:**

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- A-** PIR
- B-** CIR
- C-** MBS
- D-** burst-limit



**Answer:**

---

C

## Question 6

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**Question Type: MultipleChoice**

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Which of the following is an advantage of using shaping instead of policing?

**Options:**

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- A- Shaping does not add latency.
- B- Shaping does not add jitter.
- C- Shaping protects downstream nodes from traffic bursts.
- D- Shaping requires less memory to buffer packets.

**Answer:**

---

C

## Question 7

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**Question Type:** MultipleChoice

---

Which of the following statements about standalone pokers and CFHP policers is FALSE?

### Options:

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- A- A standalone policer has no parent arbiter, while a CFHP policer has a parent arbiter.
- B- A standalone policer has a fixed PIR rate, while a CFHP policer's PIR rate can be dynamically adjusted by its parent arbiter.
- C- Both standalone and CFHP policers use the FIR bucket to gain access to their fair share of the available bandwidth.
- D- Both standalone and CFHP policers use a policer output queue to store packets before they are forwarded.

### Answer:

---

C

## Question 8

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**Question Type:** MultipleChoice

---

For what does a Layer 2 switch use the SA in the Ethernet frame?

**Options:**

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- A- MAC learning
- B- SA filtering
- C- Routing table population
- D- Frame forwarding

**Answer:**

---

A

## Question 9

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**Question Type:** MultipleChoice

---

Which of the following statements about a Management VPLS is FALSE?

**Options:**

---

- A- Operates in transparent mode.
- B- Carries RSTP BPDUs only.
- C- Assigns RSTP state to other VPLS services.
- D- Allows load balancing among multiple management VPLS instances.

**Answer:**

---

C

## Question 10

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**Question Type: MultipleChoice**

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Which of the following is a feature of LDP VPLS?

**Options:**

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- A- Service labels are assigned based used on label blocks.

- B- BGP-AD, RADIUS and Management are used for auto-discovery.
- C- Service labels are signaled using MP-BGP.
- D- Hierarchical VPLS is loosely defined in the standards.

**Answer:**

---

A

## Question 11

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**Question Type:** MultipleChoice

---

The following VPLS services have been configured. Which of the following statements is TRUE?

```
vpls 1 customer 1
  sap 1/1/1:0

vpls 2 customer 2
  sap 1/1/1:100

vpls 3 customer 3
  sap 1/1/1:300
```

**Options:**

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- A- All untagged frames will be dropped.
- B- All frames with more than one VLAN tag will be dropped.
- C- A frame with an outer VLAN tag of 200 and inner VLAN tag of 300 will be forwarded to VPLS 3.
- D- A frame with a single VLAN tag of 500 will be forwarded to VPLS 1.
- E- A frame with an outer VLAN tag of 100 will be forwarded to VPLS 2.

**Answer:**

---

E

## Question 12

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**Question Type:** MultipleChoice

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Based upon the exhibit, which of the following statements about LAG 1 is TRUE?

A:VPLSv3\_PE1# show lag 1 detail

---

---

LAG Details

---

---

Details

---

Lag-id : 1 Mode : access  
Adm : up Opr : up  
Thres. Exceeded Cnt : 10 Port Threshold : 2  
Thres. Last Cleared : 04/29/2015 07:38:38 Threshold Action : down  
Dynamic Cost : false Encap Type : dot1q  
Configured Address : 60:2c:ff:00:01:41 Lag-IfIndex : 1342177281  
Hardware Address : 60:2c:ff:00:01:41 Adapt Qos (access) : distribute  
...  
LACP : enabled Mode : active  
LACP Transmit Intvl : fast LACP xmit stdby : enabled  
Selection Criteria : highest-count Slave-to-partner : disabled  
...  
System Id : 60:2c:ff:00:00:00 System Priority : 32768  
Admin Key : 40000 Oper Key : 32769  
Prtr System Id : 60:30:ff:00:00:00 Prtr System Priority : 32768  
Prtr Oper Key : 32768  
Standby Signaling : lacp  
Port weight speed : 0 gbps Number/Weight Up : 3  
Weight Threshold : 0 Threshold Action : down  
...  
MC Peer Address : 10.10.10.2 MC Peer Lag-id : 1  
MC System Id : 00:00:00:00:00:01 MC System Priority : 32768  
MC Admin Key : 32769 MC Active/Standby : active  
MC Lacp ID in use : true MC extended timeout : false  
MC Selection Logic : local master decided  
MC Config Mismatch : no mismatch

---

Port-id	Adm	Act/Stdby	Opr	Primary	Sub-group	Forced	Prio
1/1/2	up	active	up	yes	1	-	32768
1/2/1	up	active	up		1	-	32768
1/2/2	up	active	up		1	-	32768

### Options:

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- A- PE1 is the master.
- B- The system-ID used by the CE device is 60:2c:ff:00:00:00.
- C- The Admin Key used by the CE device is 40000.
- D- There is a configuration error between the two MC peers.

### Answer:

---

B



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