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QUESTION 1

When using an egress port scheduler, which scheduling loop priority are orphaned queues serviced on?

A. 1st

B. 8th

C. 9th

D. 17th

Correct Answer: A

QUESTION 2

If a packet is marked on a SAP-ingress, it will be remarked at the first network egress point (if remarking is enabled in the network egress policy).

A. TRUE

B. FALSE

Correct Answer: B

QUESTION 3

Which of the following statements about marking packets is TRUE?

A. Packets corresponding to a layer-2 service can be pre-marked on SAP-ingress.

B. Packets corresponding to a layer-2 service can be pre-marked on network-ingress.

C. Packets corresponding to a layer-3 service can be pre-marked on SAP-ingress.

D. Packets corresponding to a layer-3 service can be pre-marked on network-ingress.

Correct Answer: D

QUESTION 4

What is an SLA? (Choose two)

A. An SLA is used to provide automated, real-time testing and alarming for throughput, latency, and jitter across a provider\\'s network.

B. An SLA is an agreement between a customer and a provider that dictates the treatment of customer traffic across the provider\\'s network.

C. An SLA allows customers to control all traffic within the service provider\\'s network by prioritizing their traffic over others as desired.

D. An SLA allows a customer to pre-mark traffic and ensure that traffic is treated as per the agreement within the provider\\'s network.

E. An SLA is a standard set of network QoS policies that a provider shares to all its customers, allowing them to better understand the treatment of traffic within the provider\\'s network.

Correct Answer: BD

QUESTION 5

Which of the following statements about behavior aggregate classification is TRUE?

A. It sets both the forwarding class and the packet\\'s dot1p, lsp-exp, precedence, or dscp field to the same value.

B. It groups all packets together into a single aggregate stream, and gives all packets the same treatment.

C. It copies the three most significant bits in the packet\\'s dscp field into the forwarding class.

D. It assigns a forwarding class based on the packet\\'s dot1p, lsp-exp, precedence, or dscp value.

Correct Answer: B

QUESTION 6

If packets egressing a SAP do not match any criteria defined in the SAP-egress policy, which forwarding class will these packets be assigned to?

A. The default forwarding class defined in the SAP-egress policy.

B. The forwarding class inherited from network ingress classification.

C. Best Effort.

D. If there is no match, packets will be dropped.

Correct Answer: A

QUESTION 7

How many bits in the IP ToS field define the packet\\'s precedence?

A. 3

B. 4

C. 6

D. 8

Correct Answer: A

QUESTION 8

Which of the following statements about burst-limit of a queue is FALSE?

A. Burst-limit sets a limit on the maximum burst of packets transmitted during each scheduler visitation time.

B. Proper configuration of the burst-limit can prevent packet drops on the downstream nodes resulting from traffic bursts.

C. The lower the configured burst limit value, the lower the burst allowed to enter the queue.

D. If the burst-limit is not configured, a default burst-limit value will be used by the queue.

Correct Answer: D

QUESTION 9

Which of the statements about packet classification is TRUE?

A. It sets the destination IP address of the packet.

B. It uses RVSP to inform other QoS capable routers how the packet should be treated.

C. It sets the TOS, DSCP, EXP, or DOT1p field based on classification criteria.

D. It can use a customer\\'s encapsulated data to determine a packet\\'s forwarding class.

Correct Answer: C

QUESTION 10

According to the SAP-ingress QoS policy shown, which of the following statements about packets processed by policer 6 is TRUE?

```
*A:R1>config>qos>sap-ingress# info
——— Output omitted ———
policer 5 create
        rate 2500 cir 500
        mbs 20
        cbs 10
        high-prio-only 10
exit
policer 6 create
        rate 7000 cir 7000
        mbs 40
        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
```

A. All forwarded packets will be in-profile

B. Packets forwarded above CIR will be marked out-of-profile and the rest will be in-profile

C. Excess packets that arrive within a burst larger than CBS will be forwarded as out-of-profile

D. All forwarded packets will be out-of-profile

Correct Answer: C

QUESTION 11

Which of the following statements about the consequences of congestion is TRUE?

A. Negative jitter results in a smaller than expected interval between transmitted packets.

B. Jitter does not have any effect on the quality of video applications.

C. Serialization delay is not affected by congestion.

D. Queuing delay is a fixed form of delay in networks.

Correct Answer: A

QUESTION 12

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

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.

Correct Answer: BD

QUESTION 13

Which following statements about the four-step QoS process (classification, queuing, scheduling, and marking/remarking) executed for every packet entering a Nokia 7750 SR is TRUE?

A. The process happens only before the packet goes through the switching fabric.

B. The process happens only before the packet goes onto the egress port.

C. Marking/remarking the packets is for future classification.

D. Marking/remarking the packets will occur right after classification of the packet.

Correct Answer: D

QUESTION 14

Which of the following are major components of QoS functionality on the Nokia 7750 SR? (Choose three)

A. Microflow reservations using RSVP

B. DSCP to EXP translation

C. Traffic classification

D. Automatic profiling and policy configuration

E. Buffer memory management

F. Traffic scheduling

Correct Answer: CEF

QUESTION 15

Which of the following statements about CFHP policing hierarchy is FALSE?

A. The root arbiter can be the parent of a tier 2 arbiter.

B. A tier 1 arbiter can be the parent of a policer.

C. A child policer can have a priority level from 0 to 10.

D. Weight is used by a parent arbiter to allocate bandwidth among children of equal level

Correct Answer: C

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