JN0-643 Q&As

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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QUESTION 1

A network routes IPv4 traffic only. You want to add IPv6 to the network, but you must use a single IGP for both IPv4 and IPv6 traffic.

Which protocol meets this requirement?

A. OSPFv2

B. BGPv4

C. ES-ISv1

D. OSPFv3

Correct Answer: D

QUESTION 2

Which two statements are true about the configuration shown below? (Choose two.)

[edit routing-options multicast] user@router# show ssm-groups 227.0.0.0/24; asm-override-ssm;

A. It allows SSM operations in only the 227.0.0.0/24 range.

B. It allows SSM operations in the 227.0.0.0/24 range and the dedicated range.

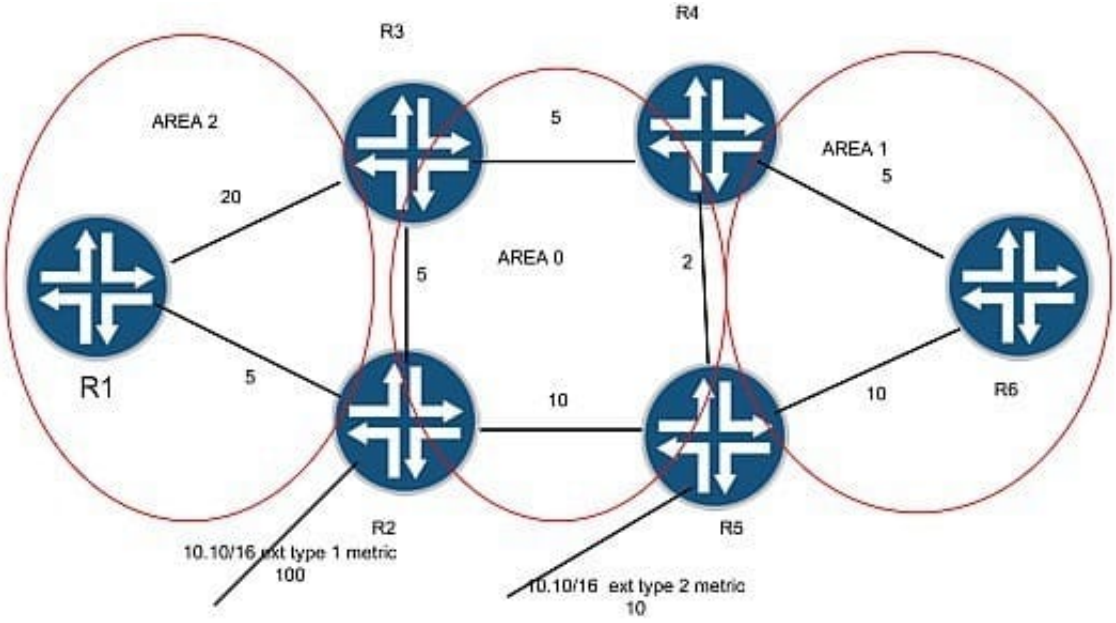
C. It allows only ASM operations in the dedicated SSM range.

D. It allows both ASM and SSM operations in the dedicated SSM range.

Correct Answer: BD

QUESTION 3

-- Exhibit



-- Exhibit -

Click the Exhibit button.

As shown in the exhibit, the 10.10/16 prefix is redistributed into OSPF through R2 and R5. R2 is advertising the prefix with a Type 1 metric of 100 and R5 is advertising the prefix with a Type 2 metric of 10.

What is the preferred path to reach 10.10/16 from R6?

A. R6-R5

B. R6-R4-R5

C. R6-R4-R5-R2

D. R6-R4-R3-R2

Correct Answer: D

QUESTION 4

What must you add to the configuration to allow a receiver connected to interface ge 0/0/6 to subscribe to group 232.0.0.1 from source 172.16.7.1?

```
user@ router> show configuration protocols igmp
interface ge-0/0/6.0:

user@ router> show configuration protocols pim
rp {
    static {
        address 10.42.0.255;
    }
}
interface ge-0/0/6.0;
interface all;
```

A. Add sparse mode to PIM interface ge 0/0/6

B. Add version 2 to the state RP configuration

C. Add version 3 to IGMP interface ge 0/0/6

D. Add version 2 to IGMP interface ge 0/0/6

Correct Answer: C

QUESTION 5

-- Exhibit -

user@router> show class-of-service scheduler-map two Scheduler map: two, Index: 56974

Scheduler: sch-best-effort, Forwarding class: best-effort, Index: 26057 Transmit ratE. 1 percent, Rate Limit:

exact, Buffer sizE. remainder, Buffer Limit: exact, Priority: low Excess Priority: unspecified

Drop profiles:

Loss priority Protocol Index Name

Low any 1

Medium low any 1

Medium high any 1

High any 1

Scheduler: sch-expedited-forwarding, Forwarding class:

expedited-forwarding, Index: 10026

Transmit ratE. 1 percent, Rate Limit: none, Buffer sizE. 1 percent, Buffer Limit: none, Priority: high Excess Priority: unspecified

Drop profiles:

Loss priority Protocol Index Name

Low any 1

Medium low any 1

Medium high any 1

High any 1

user@router> show interfaces ge-0/0/1 extensive | find "CoS Information" CoS information: Direction : Output CoS transmit queue Bandwidth Buffer Priority Limit % bps % usec 0 best-effort 1 10000000 r 0 low exact 1 expedited-forwarding 1 10000000 1 0 high none

Logical interface ge-0/0/1.823 (Index 74) (SNMP ifIndex 506) (Generation 139) Flags: SNMP-Traps 0x4000 VLAN-Tag [0x8100.823] Encapsulation: ENET2 Traffic statistics: Input bytes : 1820224529 Output bytes : 6505980 Input packets: 1436371 Output packets: 75905

(... output truncated ...)

user@router> show interfaces ge-0/0/1 extensive | find "Queue Counters" Queue counters: Queued packets Transmitted packets Dropped packets 0 best-effort 1343970 1343970 7105 1 expedited-fo 53987 53987 2 assured-forw 0 0 3 network-cont 0 0 Queue number: Mapped forwarding classes 0 best-effort 1 expedited-forwarding 2 assured-forwarding 3 network-control Active alarms : None Active defects : None (... output truncated ...) -- Exhibit -

Click the Exhibit button.

Based on the configuration in the exhibit, why are you seeing drops in the best-effort queue on the SRX Series platform?

A. The drop-profile fill level is set too low.

B. Packets are dropped by a firewall policy.

C. The best-effort queue is being shaped.

D. The scheduler is not being applied correctly.

Correct Answer: C