JN0-649 Q&As

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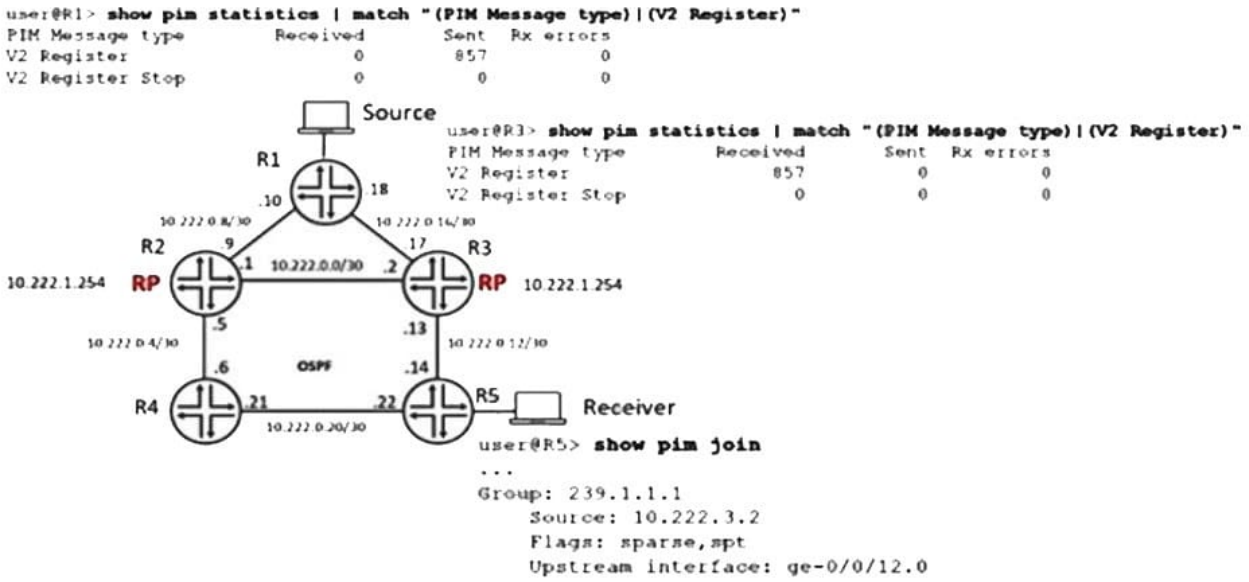
QUESTION 1

Referring to the exhibit, anycast RP is implemented to ensure multicast service availability. The source is currently sending multicast traffic using group 239.1.1.1 and R3 is receiving PIM register messages, but R2 does not have active source information.

In this scenario, what are two methods to receive the active source information on R2? (Choose two.)



A. Configure an RP set in PIM on R1, allowing R1 to forward PIM register messages to R2 and R3 in the set.

B. Configure an MSDP protocol between R2 andR3.

C. Configure an RP set in PIM on R2 and R3, allowing the RPs to forward PIM register messages to the other RPs in the set.

D. Configure an MSDP protocol between R1 and R2.

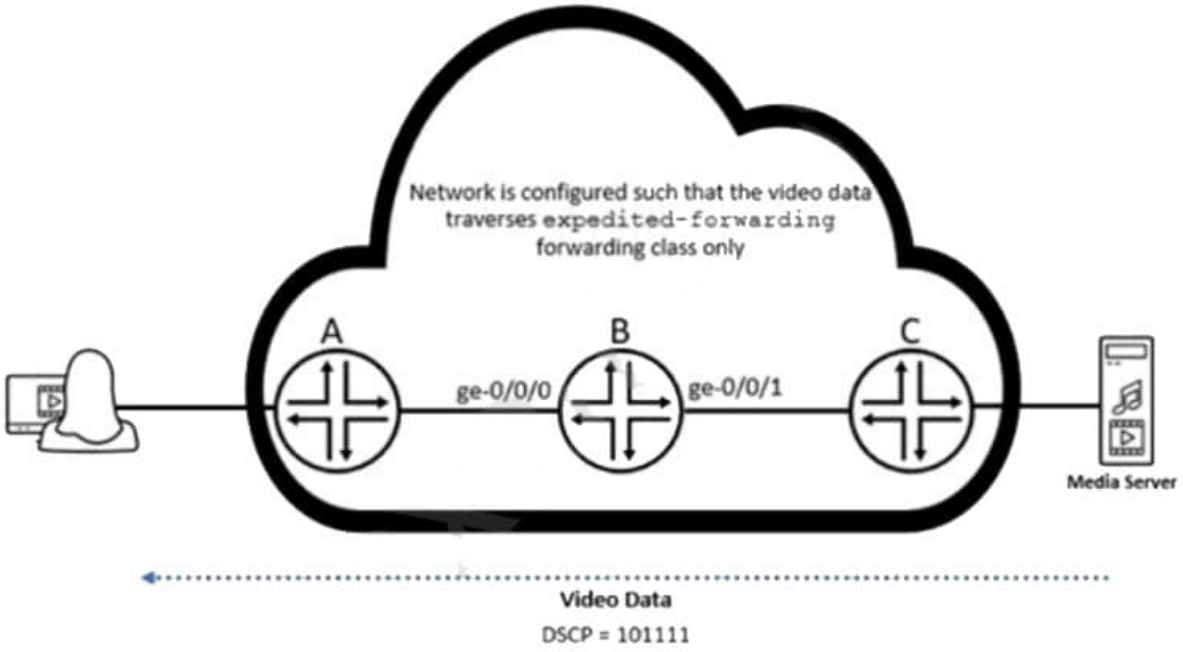
Correct Answer: AC

https://www.juniper.net/documentation/us/en/software/junos/multicast/topics/ref/statement/rp-set-edit-protocols-pim.html

QUESTION 2

A user is attempting to watch a high-definition video being streamed from the mediaserver over the network. However, the user complains that the experienced video quality is poor. While logged on to router B, a Juniper Networks device, you notice that video packets are being dropped.

In this scenario, what would solve this problem?



A. Adjust the scheduler for the expedited-forwarding forwarding class to support a higher transmit rate.

B. Adjust the expedited-forwarding BA classifier to router B\\'s ge-0/0/0 interface to support a higher transmit rate.

C. Adjust thescheduler-map to support a higher transmit rate.

D. Adjust the expedited-forwarding BA classifier on router B\\'s ge-0/0/1 interface to support a higher transmit rate.

Correct Answer: A

transmit rate is set on the scheduler, BA and classifier do not have transmit rate. scheduler-map=maps schedulers to fwd classes

QUESTION 3

When using wide metrics, which two statements about route advertisement between IS-IS levels are correct? (Choose two.)

A. Level 1 and Level 2 routers do not advertise Level 2 routes into the Level 1 area by default.

B. Level 1 routes are advertised to Level 2 routers by default.

C. If wide-metrics-only is configured, Level 1 routes are not advertised to Level 2 routers by default.

D. Level 1 routes advertised as external routes into Level 1 are not advertised to any Level 2 routers by default.

Correct Answer: AC

QUESTION 4

You are troubleshooting a BGP connection.

Referring to the exhibit, which two statements are correct? (Choose two.)

```
user@router> show log messages | match notification
Dec 22 19:22:29 router rpd[7394]: bgp_process_open:4185: NOTIFICATION sent to
192.168.1.4 (Internal AS 65000): code 2 (Open Message Error) subcode 2 (bad peer AS
number), Reason: peer 192.168.1.4 (Internal AS 65000) claims 65100, 65000 configured
Dec 22 19:22:33 router rpd[7394]: bgp_pp_recv:4798: NOTIFICATION sent to 192.168.1.4+
56774 (proto): code 2 (Open Message Error) subcode 2 (bad peer AS number), Reason: no
group for 192.168.1.4+56774 (proto) from AS 65100 found (peer as mismatch)in master
(ge-0/0/1.0), dropping him
Dec 22 19:23:29 router kernel: tcp_auth_ok: Packet from 192.168.1.5:64047 missing MD5
digest
Dec 22 19:23:30 router kernel: tcp_auth_ok: Packet from 192.168.1.6:56201 missing MD5
digest
---(more)---
```

A. Packetfragmentation is preventing the session from establishing.

B. The 192.168.1.5 peer has a misconfigured MD5 key.

C. The ge-0/0/1 interface is disabled.

D. The 192.168.1.4 peer has a misconfigured autonomous system number.

Correct Answer: BD

QUESTION 5

Referring to the exhibit,traffic ingresses on interface ge-0/0/3 and egresses on interface ge- 0/0/4. Which queue does traffic with the IP precedence value of 100 use?

```
[edit interfaces]
user@router# show
ge-0/0/3 {
    unit 0 {
        family inet {
            address 10.42.67.1/30;
        }
    }
}
ge-0/0/4 {
    unit 0 {
        family inet {
            filter {
                input cos;
            }
            address 10.42.16.1/30;
        }
    }
}
[edit class-of-service]
user@router# show
classifiers {
    inet-precedence cos {
        forwarding-class best-effort {
            loss-priority low code-points [ 000 001 010 011 ];
        }
        forwarding-class assured-forwarding {
            loss-priority low code-points 101;
```

```
user@router# show
classifiers {
    inet-precedence cos {
        forwarding-class best-effort {
            loss-priority low code-points [ 000 001 010 011 ];
        }
        forwarding-class assured-forwarding {
            loss-priority low code-points 101;
        }
        forwarding-class expedited-forwarding {
            loss-priority low code-points 100;
        }
        forwarding-class network-control {
            loss-priority low code-points [ 110 111 ];
        }
    }
}
```

```
forwarding-classes {
    queue 0 best-effort;
    queue 1 expedited-forwarding;
    queue 2 assured-forwarding;
    queue 3 network-control;
}
interfaces {
    ge-* {
        unit * {
            classifiers {
                inet-precedence default;
            }
        }
    }
    ge-0/0/4 {
        unit 0 {
            classifiers {
                inet-precedence cos;
            }
        }
    }
}
[edit firewall family inet]
user@router# show
filter cos {
    term 1 {
        from {
            precedence [ 0 2 5 ];
        }
        then {
            forwarding-class best-effort;
            accept;
        }
    }
    term 2 {
        from {
            precedence [ 1 4 ];
        }
        then {
        forwarding-class assured-forwarding;
        accept;
    }
}
```

```
term 3 {
    from {
        precedence 3;
    }
    then {
        forwarding-class expedited-forwarding;
        accept;
    }
}
term 4 {
    from {
        precedence [ 6 7 ];
    }
    then {
        forwarding-class network-control;
        accept;
    }

    }
}
[edit class-of-service]
user@router# run show class-of-service classifier name ipprec-default
Classifier: ipprec-default, Code point type: inet-precedence, Index: 12
  Code point          Forwarding class                    Loss priority
  000                 best-effort                         low
  001                 assured-forwarding                  low
  010                 best-effort                         low
  011                 best-effort                         low
  100                 best-effort                         low
  101                 expedited-forwarding                low
  110                 network-control                     low
  111                 network-control                     high
```

A. network-control

B. assured-forwarding

C. best-effort

D. expedited-forwarding

Correct Answer: D