



JN0-648^{Q&As}

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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QUESTION 1

You are implementing 802.1X access control in your network of EX Series switches. You have some older client devices connecting to your network which do not support 802.1X.

Which statement is true regarding the older devices?

- A. By default, the supplicant will send EAP messages until it reaches a predefined limit, after which it begins to forward traffic.
- B. By default, the supplicant will send EAP messages and keep the port in an unauthorized state.
- C. By default, the authenticator will send EAP messages until it reaches a predefined limit, after which it begins to forward traffic.
- D. By default, the authenticator will send EAP messages and keep the port in an unauthorized state.

Correct Answer: A

QUESTION 2

Packets enter a Juniper device and are classified as best effort. During the processing of the packet, the classification of the packets is changed to expedited forwarding by a multi-field classifier. The device is using the default CoS policies.

Which statement is true in this scenario?

- A. The packet is forwarded according to the original packet classification, and the DSCP bits do not change.
- B. The packet is forwarded according to the new packet classification, and the DSCP bits are rewritten to the new class.
- C. The packet is forwarded according to the new packet classification, and the DSCP bits do not change.
- D. The packet is forwarded according to the original packet classification, and the DSCP bits are rewritten to the new class.

Correct Answer: C

QUESTION 3

Which three types of ports are used for Junos Fusion Enterprise? (Choose three.)

- A. extended port
- B. authenticated port
- C. cascade port



- D. uplink port
- E. designated port

Correct Answer: ACD

QUESTION 4

Your company has expanded into office space across the street. The new office space has a single Ethernet connection connected to an unmanaged switch. You must sort traffic based on the IP address into different VLANs once the traffic arrives on your EX Series switches.

Which mechanism would you use to accomplish this task?

- A. MVRP
- B. filter-based VLANs
- C. Q-in-Q tunneling
- D. dynamic VLANs

Correct Answer: B

QUESTION 5

Click the Exhibit button.

```
[edit protocols]
user@switch# show lldp
advertisement-interval 30;
transmit-delay 4;
hold-multiplier 3;
ptopo-configuration-trap-interval 200;
ptopo-configuration-maximum-hold-time 400;
lldp-configuration-notification-interval 100;
interface all;
```

Referring to the exhibit, which TTL value will be sent to the LLDP neighbors?

- A. 120 seconds B. 400 seconds
- C. 90 seconds
- D. 200 seconds



Correct Answer: A

QUESTION 6

Click the Exhibit button.

```

user@R1> show pim rps
Instance: PIM.master

address-family INET
RP address      Type      Mode      Holdtime      Timeout      Groups      Group prefixes
10.222.1.2      bootstrap sparse      150          146           0            224.0.0.0/4

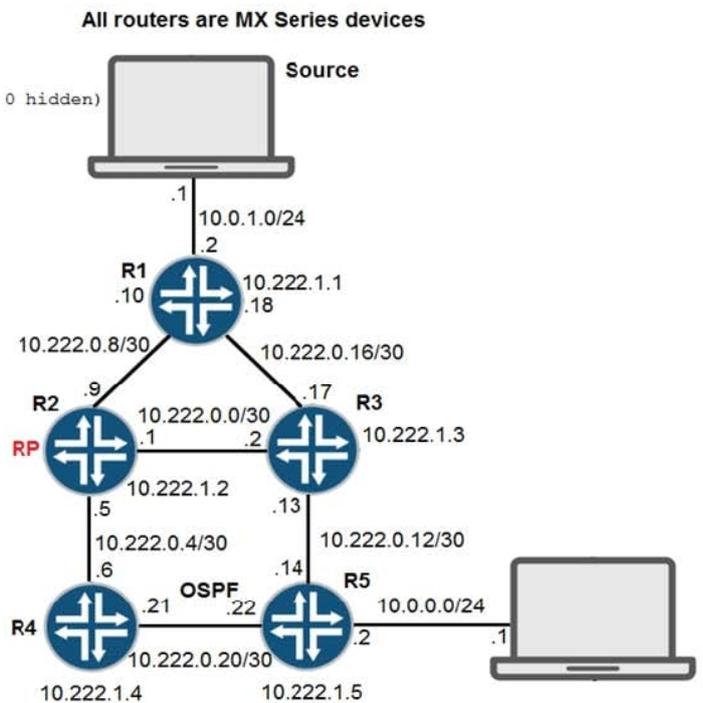
address-family INET6

user@R2> show route 10.0.1.1

inet.0: 20 destinations, 20 routes (20 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
10.0.1.0/24    *[OSPF/10] 00:07:30, metric 2
                > to 10.222.0.10 via ge-1/1/4.200

user@R2> show pim statistics | match "register|type"
PIM Message type      Received Sent Rx errors
V2 Register           0       0       0
V2 Register Stop      0       0       0
V1 Register           0       0       0
V1 Register Stop      0       0       0
AutoRP Unknown type   0       0       0
Anycast Register      0       0       0
Anycast Register Stop 0       0       0

```



Referring to the exhibit, the source is currently sending multicast traffic using group 224.1.1.1, which is being received by R1. R2 is not receiving PIM register messages.

What would be the cause of this problem?

- A. Tunnel services have not been enabled on R1.
- B. All routers have not been configured with the same Auto-RP discovery group.
- C. R5 has not received an IGMP report of 224.1.1.1.
- D. A(*,G) tree has not been built yet.

Correct Answer: C



QUESTION 7

You are deploying IP phones to a customer site. The IP phones will be installed to share a common access port with the user's desktop computer. You are required to provide a mechanism to place user data traffic and voice traffic in different VLANs for class-of-service application.

How would you implement this solution?

- A. Configure flexible VLAN tagging on the user ports with the data and voice VLANs as members.
- B. Apply a multifeild classifier on the access ports that assigns voice packets to the assured-forwarding class, based on the IP phone manufacturer's MAC OUI.
- C. Configure the IP phones to label voice traffic with the DSCP of code point and apply a BA classifier to the access ports to classify voice traffic.
- D. Configure VLAN tagging on the IP phones and use the voice VLAN feature on the access ports to assign tagged frames to the voice VLAN and untagged frames to a data VLAN.

Correct Answer: D

QUESTION 8

Which EVPN route type is used for fast convergence and for advertising the split horizon label?

- A. Type 4
- B. Type 2
- C. Type 5
- D. Type 1

Correct Answer: D

QUESTION 9

You notice a mass withdrawal of routes for some of the network hosts. You determine that the link on the ESI interface is down.

Which route type is used in this scenario?

- A. Type 2
- B. Type 3
- C. Type 1
- D. Type 5



Correct Answer: C

QUESTION 10

Click the Exhibit button.



```
user@MX1# show protocols bgp
group EVPN {
  local-address 10.0.0.1;
  family inet-vpn {
    unicast;
  }
  family evpn {
    signaling;
  }
  local-as 65001;
  multipath multiple-as;
  neighbor 10.0.0.2 {
    peer-as 65001;
  }
}
```

```
user@MX1# run show bgp summary
Groups: 1 Peers: 1 Down peers: 0
Table          Tot Paths Act Paths Suppressed  History  Damp State
Pending
bgp.13vpn.0
      0
      0      0      0      0      0      0
bgp.evpn.0
      0      0      0      0      0      0
Peer          AS      InPkt  OutPkt      OutQ  Flaps  Last Up/Dwn
State | #Active/Received/Accepted/Damped...
10.0.0.2      65001    6      6      0      0      1:33
Establ
  bgp.13vpn.0: 0/0/0/0
```

```
user@MX2# show protocols bgp
group EVPN {
  local-address 10.0.0.2;
  family inet-vpn {
    unicast;
  }
  cluster 172.1.1.55;
  local-as 65001;
  multipath multiple-as;
  neighbor 10.0.0.1 {
    peer-as 65001;
  }
}
```

```
user@MX2#run show bgp summary
Groups: 1 Peers: 1 Down peers: 0
Table          Tot Paths Act Paths Suppressed  History  Damp State
Pending
bgp.13vpn.0
      0
      0      0      0      0      0
Peer          AS      InPkt  OutPkt      OutQ  Flaps  Last Up/Dwn
State | #Active/Received/Accepted/Damped...
10.0.0.1      65001    3      5      0      0      1:20
Establ
  bgp.13vpn.0: 0/0/0/0
```



You are configuring an EVPN overlay to allow VLANs to be stretched between two campus sites, but EVPN routes are not being exchanged.

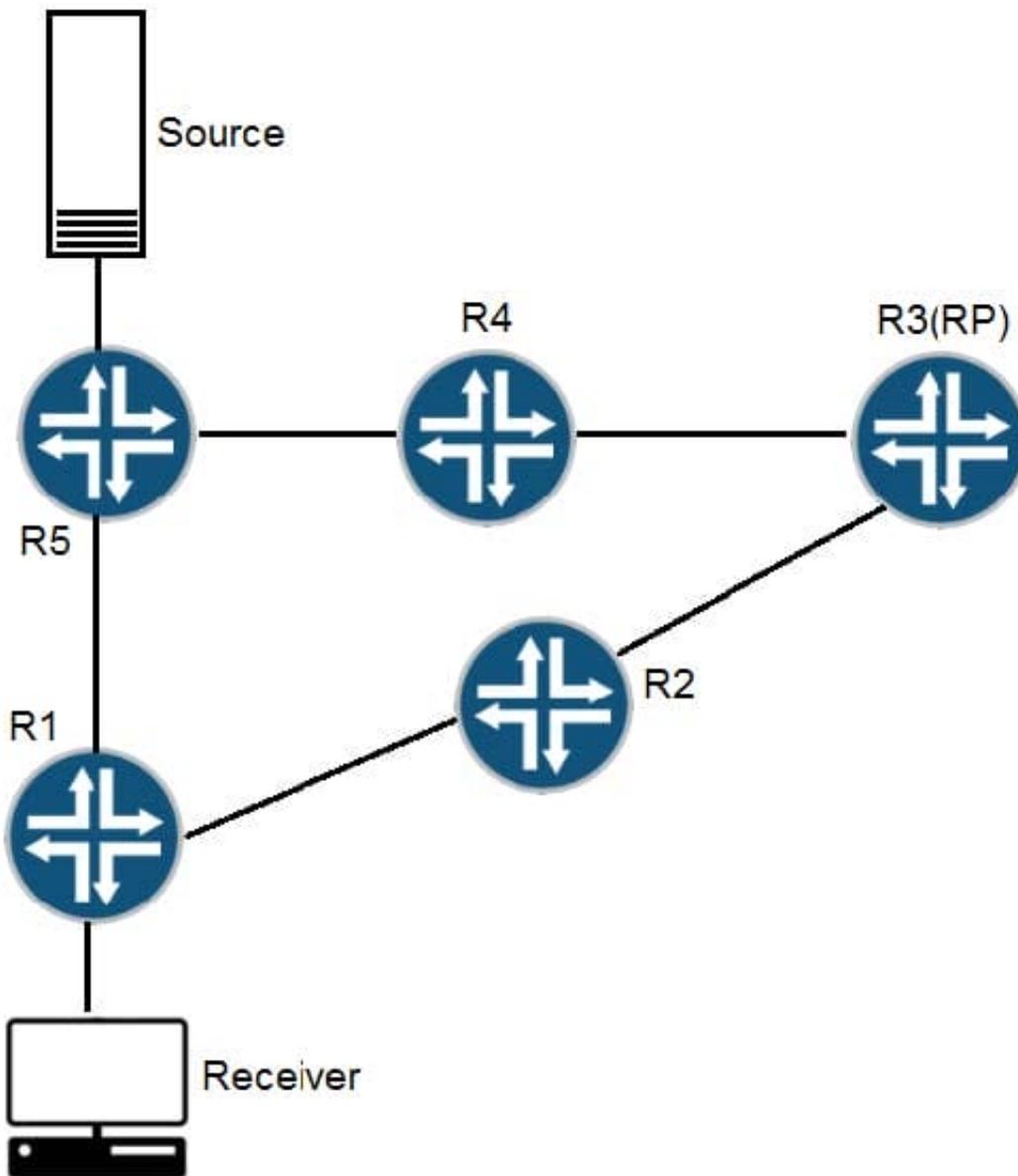
Referring to the exhibit, which configuration statement would solve this problem?

- A. Apply the delete protocols bgp group EVPN cluster 172.1.1.55 configuration on MX2.
- B. Apply the set protocols bgp group EVPN family inet-vpn any configuration on MX1 and MX2.
- C. Apply the delete protocols bgp group EVPN multipath multiple-as configuration on MX1 and MX2.
- D. Apply the set protocols bgp group EVPN family evpn signaling configuration on MX2.

Correct Answer: D

QUESTION 11

Click the Exhibit button.



Referring to the exhibit, a PIM-SM network is set up to enable communication between multicast devices. Which statement is true in this scenario?

- A. After the formation of the shortest-path tree, a prune message is sent from R1 to R5.
- B. After the formation of the shortest-path tree, a prune message is sent from R1 to R2.
- C. After the formation of the shortest-path tree, a join message is sent from R5 to R1.
- D. After the formation of the shortest-path tree, a join message is sent from R1 to R5.

Correct Answer: B



QUESTION 12

Which two statements about OSPF routing policies are correct? (Choose two.)

- A. By default, OSPF export policies reject network-summary LSAs.
- B. By default, OSPF export policies accept network-summary LSAs.
- C. By default, OSPF import policies accept network-summary LSAs.
- D. By default, OSPF import policies reject network-summary LSAs.

Correct Answer: AC

QUESTION 13

Your network is configured for EVPN load balancing on three different access switches. During an outage, you notice that not all interfaces are receiving traffic as expected.

Which two requirements would you validate to identify this problem? (Choose two.)

- A. Validate that the same esi value is configured on multiple interfaces on all switches.
- B. Validate that the all-active flag is configured for multiple interfaces on each switch.
- C. Validate that all-active is configured for only one interface per switch.
- D. Validate that the same esi value is only configured on one interface per switch.

Correct Answer: AC

QUESTION 14

Click the Exhibit button.



```
{master:0} [edit]
user@router# show firewall three-color-policer main-policer
action {
    loss-priority high then discard;
}
single-rate{
    color-aware;
    committed-information-rate 40m;
    committed-burst-size 100k;
    excess-burst-size 200k;
}
```

You have configured and applied the policer shown in the exhibit to your Junos device. Which statement is true in this scenario?

- A. Traffic exceeding the committed-burst size will be marked with a loss priority of high.
- B. Traffic exceeding the excess-burst size will be discarded.
- C. Traffic exceeding the committed-information-rate will be rate limited.
- D. Traffic exceeding the committed-burst size will be discarded.

Correct Answer: A

QUESTION 15

You are asked to deploy 802.1X on your EX Series switches. You need to ensure authenticated devices continue to have access to the network even if the authentication server fails.

Which action meets this configuration objective?

- A. Configure the server fail fallback with a value of sustain.
- B. Set the reauthentication interval to a value of 0.
- C. Configure the static MAC bypass for the authentication server.
- D. Set the reauthentication interval to a value of disable.

Correct Answer: A