

Juniper

Exam Questions JN0-650

Enterprise Routing and Switching - Professional (JNCIP-ENT)



NEW QUESTION 1

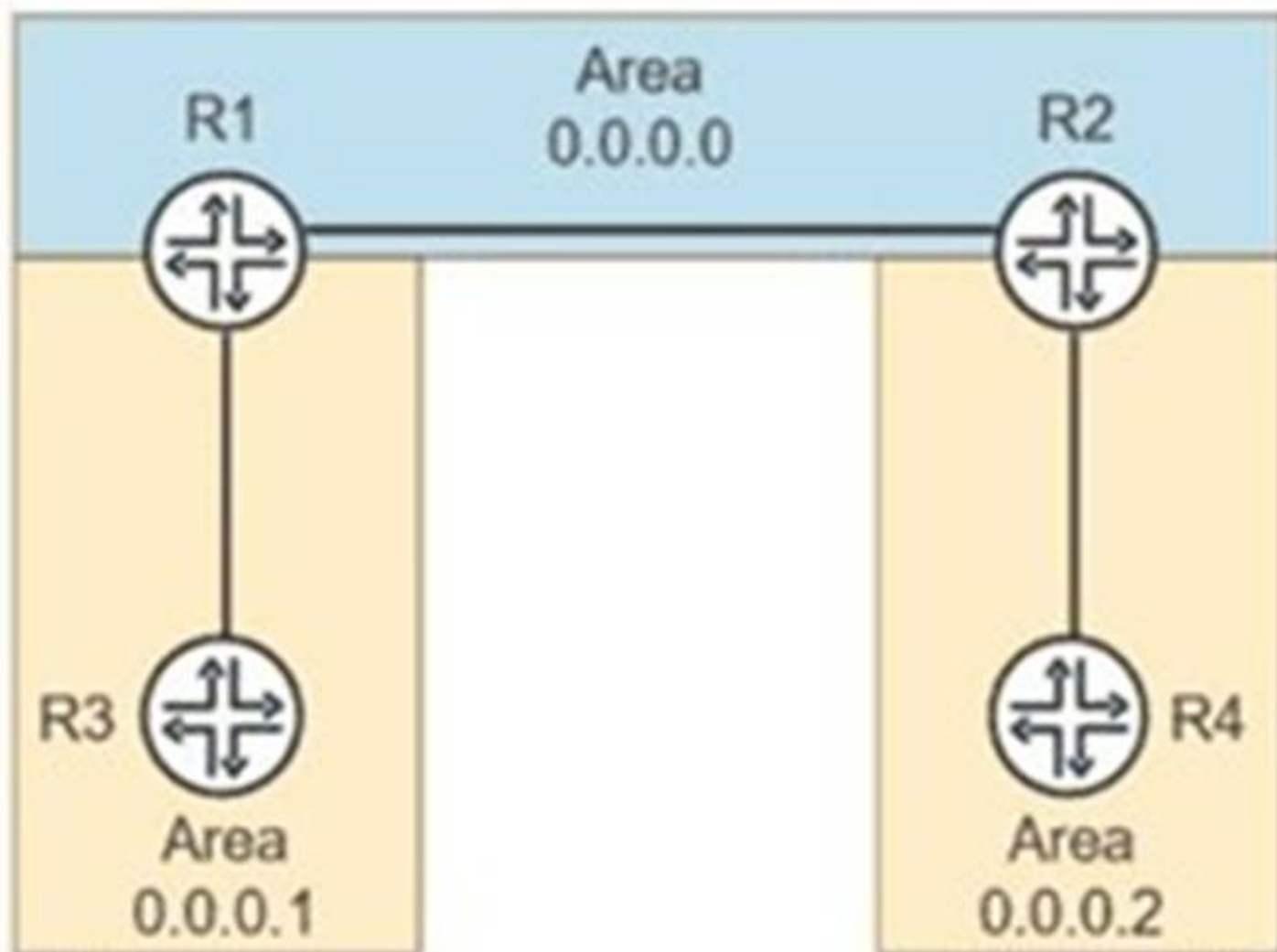
Which two statements are correct about EVPN Pure Type-5 routes? (Choose two.)

- A. Pure Type-5 routes rely on Type-7 sync routes
- B. Pure Type-5 routes require an overlay next hop.
- C. Pure Type-5 routes are also known as IP-VRF-to-IP-VRF.
- D. Pure Type-5 routes are advertised with the MAC extended community.

Answer: BC

NEW QUESTION 2

Click the Exhibit button.



You are troubleshooting suboptimal routing in an enterprise OSPFv2 deployment:

- R1 is an ABR between Area 0 and Area 1.
- R2 is an ABR between Area 0 and Area 2.
- R3 in Area 1 advertises a network that should be reachable by routers in Area 2.
- The ABRs are connected in the backbone (Area 0).

On router R2, the show ospf database does not display router LSAs or network LSAs from Area 1, but an interarea route to R3's network exists in the routing table. R2 does not have Type-1 or Type-2 LSAs from Area 1 in its OSPF database.

Referring to the exhibit, which statement is correct?

- A. R2 is filtering them using the OSPF import policy.
- B. Junos disables Type-1 and Type-2 LSAs by default in Interarea LSDBs.
- C. R2 is running OSPFv3, which does not use Type-1 or Type-2 LSAs.
- D. Type-1 and Type-2 LSAs are summarized into Type-3 LSAs by ABRs and do not cross area boundaries.

Answer: D

NEW QUESTION 3

Exhibit

```
[edit class-of-service]
user@switch# show
classifiers {
    dscp my-classifier {
        import default;
        forwarding-class expedited-forwarding {
            loss-priority low code-points ef;
        }
        forwarding-class network-control {
            loss-priority low code-points [ cs3 af31 ];
        }
        forwarding-class assured-forwarding {
            loss-priority low code-points af41;
        }
    }
}
```

As shown in the exhibit, you have implemented CoS classifiers using Differentiated Services Code Point (DSCP) In this scenario, which two statements are correct? (Choose two.)

- A. This custom DSCP classifier must be associated with logical interfaces.
- B. This custom DSCP classifier must be associated with physical interfaces.
- C. The configuration imports all default classification assignments that are not specified.
- D. The default classification assignment overwrites all specified classifications

Answer: AC

NEW QUESTION 4

Exhibit.

 Exhibit


```
user@switch> show dot1x interface ge-0/0/10.0 detail
ge-0/0/10.0
  Role: Authenticator
  Administrative state: Auto
  Supplicant mode: Single
  Number of retries: 3
  Quiet period: 60seconds
  Transmit period: 30seconds
  Mac Radius: Disabled
  Mac Radius Restrict: Disabled
  Reauthentication: Enabled
  Configured Reauthentication interval: 3600seconds
  Supplicant timeout: 30seconds
  Server timeout: 30seconds
  Maximum EAPOL requests: 2
  Guest VLAN member: 24
  Number of connected supplicants: 2
```

You want to limit port access to only one device at a time. Referring to the exhibit, which configuration change will accomplish this task?

- A. Enable MAC RADIUS restrict.
- B. Change the supplicant mode to multiple.
- C. Change the supplicant mode to single-secure.
- D. Change the maximum EAPOL request to 1.

Answer: C

NEW QUESTION 5

Which two EVPN types advertise an ESI without advertising a MAC address? (Choose two.)

- A. Type1
- B. Type 2
- C. Type 3
- D. Type 4

Answer: AD

NEW QUESTION 6

You are troubleshooting a multicast deployment in a network. Some multicast groups operate in PIM-ASM mode and others operate in PIM-SSM mode. While troubleshooting, you note the following:

- The network uses IGMPv2 for some segments and IGMPv3 for others.
- For group 232.1.1.1, receivers know the exact source IP of the multicast sender
- For group 239.10.10.10, receivers do not know the source address in advance. Which two statements correctly describe the operational differences between these two modes in Junos OS? (Choose two.)

- A. PIM-ASM supports multiple active sources for a group without requiring receivers to know them in advance, whereas PIM-SSM requires explicit source knowledge
- B. In PIM-AS
- C. the DR first sends a PIM register message to the RP before switching to the shortest-path tree.
- D. PIM-SSM requires an RP for initial joins, whereas PIM-ASM can operate without one.
- E. PIM-SSM relies on IGMPv3 to signal both the source and the group in the join message, bypassing the RP entirely.

Answer: AD

NEW QUESTION 7

Which statement about LLDP and LLDP-MED operations on EX Series devices is correct?

- A. LLDP only operates on interfaces configured for Layer 2
- B. EX Series devices flood LLDP frames across a Layer 2 domain to calculate a network topology
- C. EX Series devices support LLDP-MED power negotiation, enabling dynamic allocation of PoE power based on endpoint device needs.
- D. LLDP-MED focuses on discovering network connectivity devices like routers and switches.

Answer: C

NEW QUESTION 8

Which three statements about VSTP are correct? (Choose three.)

- A. Separate BPDUs are Hooded for each VSTP enabled VLAN.
- B. VSTP is incompatible with RSTR
- C. VSTP is enabled by default on EX Series switches.
- D. VSTP supports up to 253 unique spanning tree topologies.
- E. A separate spanning tree instance is generated for each VLAN.

Answer: ADE

NEW QUESTION 9

You need to perform maintenance on one of your OSPF routers. You do not want the other OSPF routers on the network to forward traffic to this router during the maintenance window

Which OSPF configuration parameter would you implement to accomplish this task?

- A. traffic-engineering
- B. overload
- C. preference
- D. spf-options

Answer: B

NEW QUESTION 10

You must implement EVPN signaling on an EX Series device that is configured with both underlay and overlay networks. Which network protocol accomplishes this task?

- A. OSPF underlay network
- B. IS-IS underlay network
- C. MPLS overlay network
- D. EBGp overlay network

Answer: D

NEW QUESTION 10

Exhibit

```
admin@switch> show poe interface
```

Interface	Admin status	Oper status	Pair/Mode status	Max power	Priority	Power consumption	Class
ge-0/0/0	Enabled	ON	2P/AT	19.5W (L)	Low	10.6W	4
ge-0/0/1	Enabled	OFF	2P/AT	15.4W	Low	0.0W	not-

applicable
...

You are deploying a new campus switching environment using various EX Series switch models. The devices attached to one of the new EX Series switches include IP phones, IoT devices, and wireless access points (APs) requiring power over Ethernet (PoE) with varying power requirements. A sample output from one of these switches is shown in the exhibit.

In this scenario, which two statements are correct? (Choose two.)

- A. The switch is capable of supplying up to 60 W of power to attached PoE devices.
- B. Port ge-0/0/0 is enabled and has its maximum power and device class designations statically configured.
- C. Port ge-0/0/0 is enabled and has dynamically learned maximum power and device class designations.
- D. The switch is capable of supplying up to 30 W of power to attached PoE devices.

Answer: CD

NEW QUESTION 11

You are asked to establish authentication for users connecting to the corporate network. You must ensure that only corporate devices that are identified by MAC addresses are allowed to authenticate and connect. Authentication must be handled by a centralized database.

Which authentication method would you implement in this scenario?

- A. MAC RADIUS
- B. captive portal
- C. single-secure supplicant mode
- D. single supplicant mode

Answer: A

NEW QUESTION 13

Your router is discarding an EBGP route because the next hop is not directly connected. Which BGP configuration would you use to override this behavior?

- A. accept-remote-nexthop
- B. multihop
- C. advertise-inactive
- D. multipath

Answer: B

NEW QUESTION 17

The network you support currently has a mixture of MC-LAG and Virtual Chassis being used to provide redundant connectivity from various IDFs. A project to modernize the architecture and move to EVPN-VXLAN using ESI-LAG will be starting soon. You want to avoid IDFs losing connectivity as the core devices are migrated to EVPN-VXLAN. Which action will accomplish this task?

- A. Enable EVPN-VXLAN on the leaf devices before starting the migration.
- B. Remove the links between the MC-LAG leaf devices and disable Virtual Chassis.
- C. Enable no-core-isolation on the core devices.
- D. Enable network-isolation-profile on the leaf devices.

Answer: C

NEW QUESTION 21

What causes IBGP route flapping in enterprise networks?

- A. packet misordering due to out-of-band management
- B. excessive BGP community tagging
- C. misconfigured BGP update intervals
- D. recursive routing failure in the underlying IGP

Answer: D

NEW QUESTION 25

You have a P-VLAN that spans multiple switches.

In this scenario, how do you enable communication across the P-VLAN?

- A. Configure trunk ports with inter-switch-link on the switches
- B. Configure trunk ports with private-vlan isolated on the switches.
- C. Configure trunk ports with private-vlan community on the switches.
- D. Configure trunk ports with isolated-vlan <vlan-id> on the switches.

Answer: D

NEW QUESTION 29

You are deploying a three-stage EVPN environment with VXLAN using EX and QFX Series switches. The leaf devices will perform the gateway services. Which two statements are correct in this scenario? (Choose two.)

- A. Only the leaf devices must support VXLAN capabilities.
- B. The leaf devices will function as VTEPs
- C. Both the leaf and spine devices must support VXLAN capabilities.
- D. The spine devices will function as VTEPs.

Answer: BC

NEW QUESTION 31

You are configuring CoS throughout your enterprise network using DSCP. You have configured MF classification on your edge devices and are using BA classifiers throughout the core. You are using the EZQoS template provided on your EX Series switches that are acting as your edge devices. You have loaded the configuration group and applied it to the appropriate interfaces. Classification and scheduling are working properly on your edge devices; however, traffic is not being classified correctly when it reaches your core devices.

In this scenario, which statement is correct about solving this problem?

- A. You should configure and apply a policer to the edge devices' egress interfaces toward the core.
- B. You must configure the core devices using the EZQoS template as well
- C. You should configure and apply rewrite rules on the edge devices' egress interfaces toward the core
- D. You must configure the edge devices to use BA classifiers instead of MF classifiers

Answer: C

NEW QUESTION 35

You are enabling CoS throughout your enterprise network using the DSCP bits. You plan to use an MF classifier on all edge devices while using BA classifiers on all transit core devices.

In this scenario, what should you use to provide consistent handling of traffic?

- A. You should implement rewrite rules on the edge devices' egress interfaces to rewrite the DSCP bits as it leaves the device toward the core.
- B. You should implement rewrite rules on the edge devices' ingress interfaces to rewrite the DSCP bits as it enters the device.
- C. You should implement rewrite rules on the core devices' ingress interfaces to rewrite the DSCP bits as it enters the device.
- D. You should implement rewrite rules on the core devices' egress interfaces to rewrite the DSCP bits as it leaves the device toward other core devices.

Answer: A

NEW QUESTION 38

Which two statements are correct about multicast routing tables? (Choose two.)

- A. ine
- B. 2 is used when the multicast forwarding topology differs from unicast forwarding
- C. MBGP and IS-IS place routes in me
- D. I directly.
- E. ine
- F. 0 is used for RPF checks.
- G. IS-IS and OSPFv3 place routes in me
- H. 2 directly.

Answer: AC

NEW QUESTION 40

You have two multicast receivers connected to the same VLAN. You notice that the switch that they are connected to is forwarding multicast traffic out of all the ports in the same VLAN, instead of just the two ports for the connected multicast receivers.

In this scenario, what would you configure to optimize multicast forwarding?

- A. promiscuous mode
- B. spanning tree
- C. IGMP snooping
- D. IRB interface

Answer: C

NEW QUESTION 45

You are deploying a new campus switching environment using EX Series switches. This new environment includes IP phones requiring Power over Ethernet (PoE) and end-user client PCs attached to a single switch port that will be configured with 802.1X authentication.

Considering the default configuration on an EX Series access switch and the configuration requirements to support this deployment, which two statements are correct? (Choose two.)

- A. Configuration for the voice VLAN for all relevant access ports must be added.
- B. Configuration for PoE on all relevant access ports must be added
- C. Configuration for LLDP and LLDP-MED on all relevant access ports must be added.
- D. Configuration for 802.1X on all relevant access ports must be added.

Answer: AD

NEW QUESTION 48

Click the Exhibit button.

```
user@router> show ospf interface
```

Interface	State	Area	DR ID	BDR ID	Nbrs
ge-0/0/1.0	DR	0.0.0.0	192.168.1.17	0.0.0.0	0
ge-0/0/2.0	DR	0.0.0.0	192.168.1.17	0.0.0.0	0
lo0.0	DR	0.0.0.0	192.168.1.17	0.0.0.0	0

- A. No adjacency is established using the loopback interface.
- B. The router is attempting to establish an OSPF adjacency with the 192.168.1.17 neighbor.
- C. The OSPF configuration has not been committed.
- D. The router is not receiving OSPF hello messages.

Answer: AD

NEW QUESTION 53

You have deployed 802.1X with server fail fallback enabled on an EX Series switch and specified the vlan-name feature for all access ports. The RADIUS server is unavailable.

Which two statements are correct in this scenario? (Choose two)

- A. All clients already authenticated will immediately be disconnected before the re- authentication timer expires.
- B. All clients already authenticated will be unaffected until reauthentication is required.
- C. All new clients will be granted access only if their requested VLAN matches the configuration
- D. All new clients will be placed in the referenced VLAN in the configuration and given access.

Answer: BD

NEW QUESTION 58

You are adding a new QFX Series switch to an EVPN-VXLAN IP fabric. In this scenario, which two statements are correct? (Choose two.)

- A. The encapsulation vxlan setting is configured under the protocols evpn hierarchy.
- B. The family vpls signaling address family is configured under the BGP protocol.
- C. The family evpn signaling address family is configured under the BGP protocol.
- D. The loopback interface must be advertised using the BGP protocol.

Answer: AC

NEW QUESTION 63

Exhibit.

Exhibit
✕

AS 65001
AS 65002

lo0: 192.168.1.1

↓



router1

10.10.10.2/30

—

10.10.20.2/30

10.10.10.1/30

—

10.10.20.1/30

lo0: 172.16.1.1

↓



router2

```

user@router1> show configuration protocols bgp group ext-peers
type external;
local-address 192.168.1.1;

user@router1> show configuration routing-options
static {
    route 172.16.1.1 next-hop [ 10.10.10.1 10.10.20.1 ];
}
        
```

Referring to the exhibit, what is required for the BGP peering to establish?

- A. Configure neighbor 172.16.1.1 multipath under the ext-peers hierarchy.
- B. Configure neighbor 10.10.20.1 multihop under the ext-peers hierarchy
- C. Configure neighbor 10.10.10.1 multihop under the ext-peers hierarchy
- D. Configure neighbor 172.16.1.1 multihop under the ext-peers hierarchy

Answer: D

NEW QUESTION 66

Exhibit

```
[edit]
user@R2# show protocols pim
rp {
  local {
    family inet {
      address 10.222.1.2;
    }
  }
}
interface all {
  mode sparse;
}
```

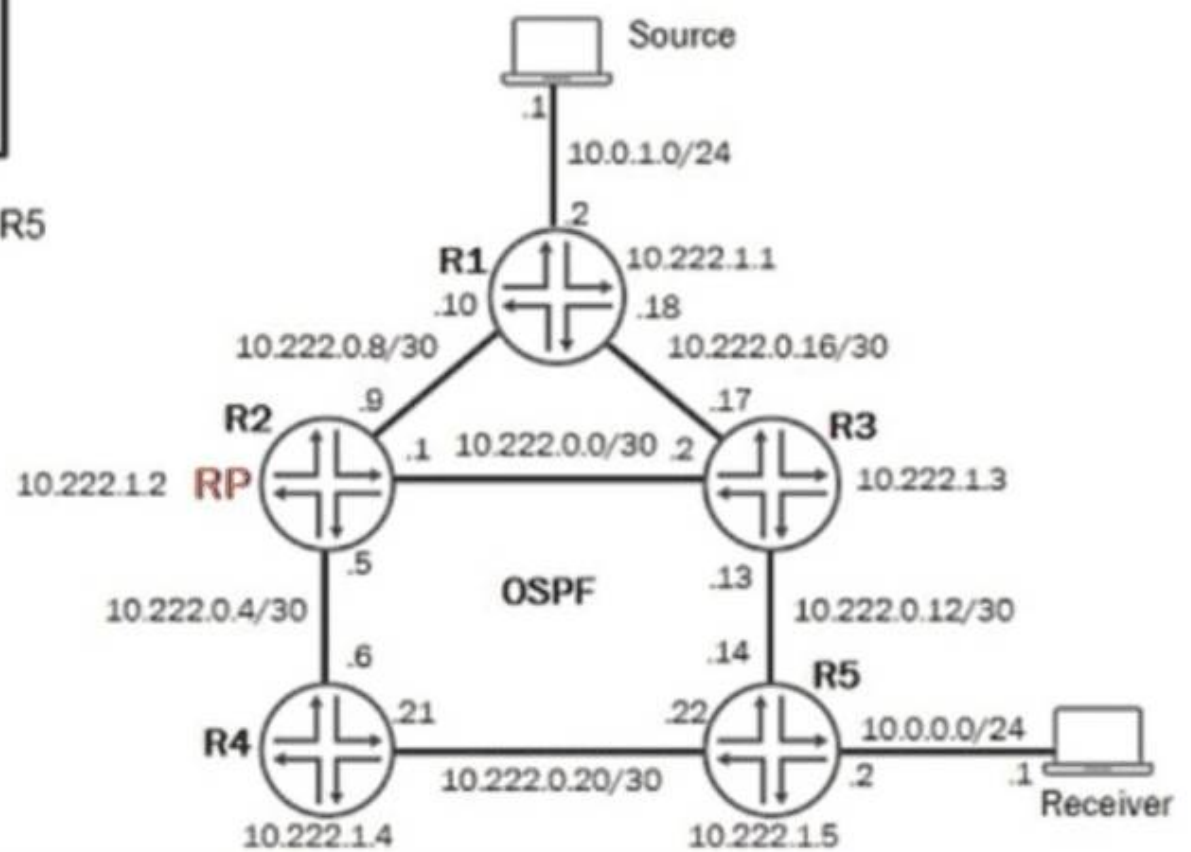
All non-RP routers are configured similarly to R5

```
user@R5> show pim rps
Instance: PIM.master

address-family INET

address-family INET6

[edit]
root@r5# show protocols pim
interface all {
  mode sparse;
}
```



You need to configure the non-RP routers in your network to dynamically learn the location of the RP using standard protocols only. You have already applied the configuration shown in the exhibit, but the routers have not learned the location of the RP. Which additional step must you take to fulfill these requirements?

- A. Configure MSDP.
- B. Configure BSR.
- C. Configure Anycast RP.
- D. Configure Auto-RP

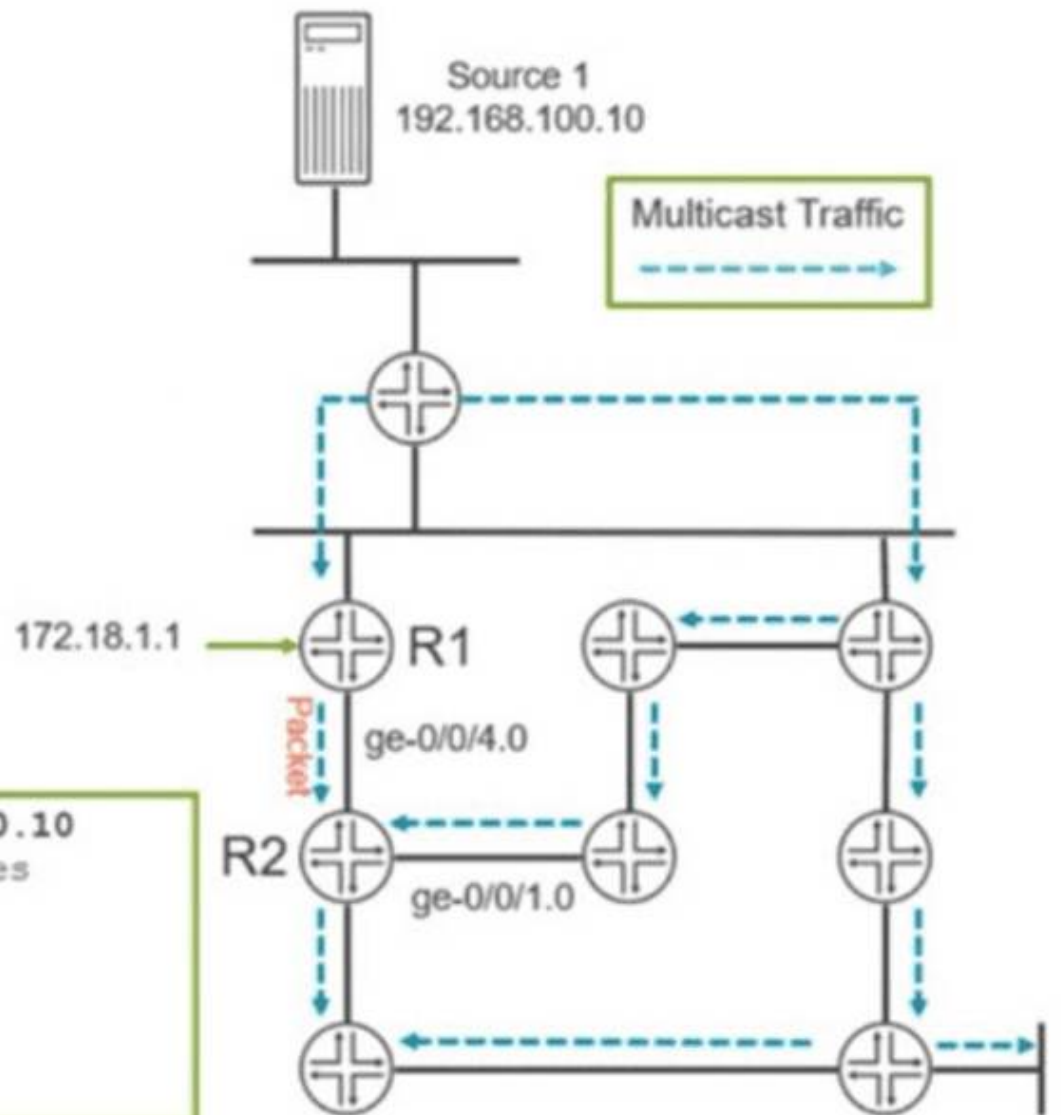
Answer: B

NEW QUESTION 68

Exhibit

```
user@R2> show multicast rpf 192.168.100.10
Multicast RPF table: inet.0 , 16 entries

192.168.100.0/24
  Protocol: OSPF
  Interface: ge-0/0/4.0
  Neighbor: 172.18.1.1
```



Referring to the exhibit. R2 receives a packet from the multicast source on its ge-0/0/4 0 interface. Which two statements are correct in this scenario? (Choose two.)

- A. R2 verifies the existing unicast routing table and determines that this interface is not on the reverse path back to the source
- B. All interfaces other than ge-0/0/4.0 will be on the outgoing interface list.
- C. The packet is discarded
- D. R2 determines that the packet is coming in on an interface that is on the reverse path back to the source.

Answer: AC

NEW QUESTION 70

You configured MVRP in your Layer 2 network and you are adding two new interfaces to your distribution switch. You are asked to ensure that if a rogue device that uses MVRP is connected to these interfaces, that the MVRP PDUs are ignored. In this scenario, what should you configure to accomplish this task?

- A. Configure the join-timer to 500 ms.
- B. Configure the no-dynamic-vlan feature under MVRP.
- C. Configure the two new interfaces as point-to-point.
- D. Configure the two new interfaces under MVRP using the forbidden registration mode.

Answer: D

NEW QUESTION 75

A modified deficit round-robin scheduler is defined by which two variables? (Choose two.)

- A. transmit rate
- B. Layer 3 fields
- C. buffer size
- D. Layer 2 fields

Answer: AC

NEW QUESTION 77

You are implementing an EVPN-VXLAN edge-routed bridging design using Layer 3 gateway operations. In this scenario, which statement is correct?

- A. Each distribution switch has unique IP addresses for IRB interfaces; routing protocols run on IRB interfaces
- B. Distribution switches share the same anycast IP addresses for IRB interfaces; routing occurs at the distribution layer.
- C. Only core switches have IRB interfaces; all Layer 3 routing happens in the core.
- D. IRB interfaces are disabled; all routing happens through external routers only.

Answer: B

NEW QUESTION 81

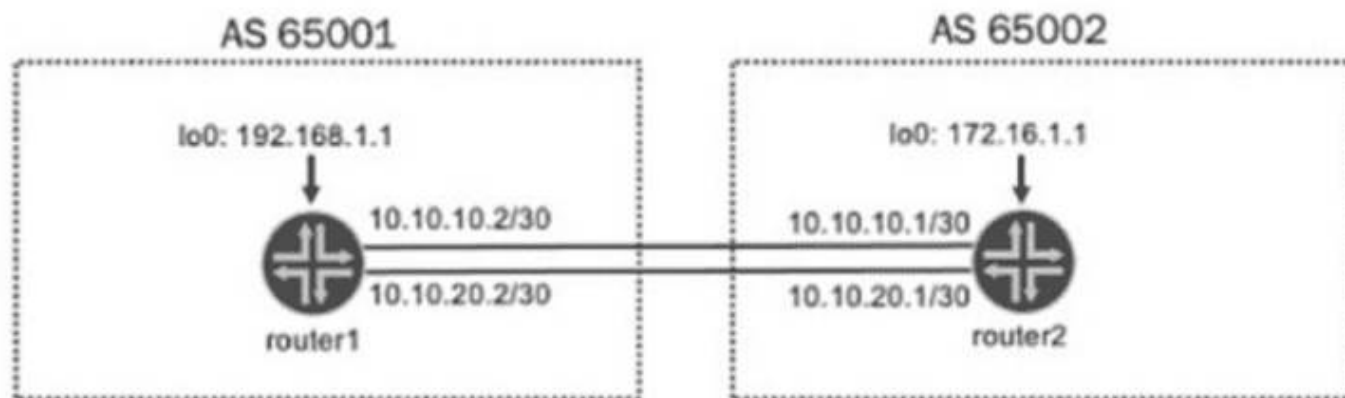
Which two statements are correct when using the no-loss forwarding class? (Choose two.)

- A. Use the default scheduler map
- B. Use forwarding class sets.
- C. Use priority-based flow control.
- D. Use the default drop profile.

Answer: BC

NEW QUESTION 85

Exhibit



```
user@router1> show configuration protocols bgp group ext-peers
type external;
peer-as 65002;
neighbor 10.10.10.1;
neighbor 10.10.20.1;
}
```

```
user@router1> show bgp summary
[...]
```

Peer	AS	InPkt	OutPkt	OutQ	Flaps	Last	Up/Dwn	State	#Active/Received/Accepted/Damped...
10.10.10.1	65002	53	53	0	0	22:48	4/4/4/0		0/0/0/0
10.10.20.1	65002	54	51	0	0	22:48	0/4/4/0		0/0/0/0

Referring to the exhibit, what will enable active routes from both peers?

- A. Configure neighbor 172.16.1.1 multipath under the ext-peers hierarchy.
- B. Configure multipath under the ext-peers hierarchy
- C. Configure neighbor 172.16.1.1 under the ext-peers hierarchy.
- D. Configure neighbor 10.10.20.2 multipath under the ext-peers hierarchy.

Answer: B

NEW QUESTION 86

Exhibit

```
user@R1> show route protocol bgp
inet.0: 7 destinations, 11 routes (7 active, 0 holddown, 2 hidden)
+ = Active Route, - = Last Active, * = Both
172.16.10.1/32 *[BGP/170] 00:29:40, localpref 100
    AS path: 200 I
    > to 192.168.10.1 via ge-1/0/0.2
    to 192.168.20.1 via ge-1/0/1.3
    [BGP/170] 00:29:36, localpref 100
    AS path: 200 I
    > to 192.168.20.1 via ge-1/0/1.3
```

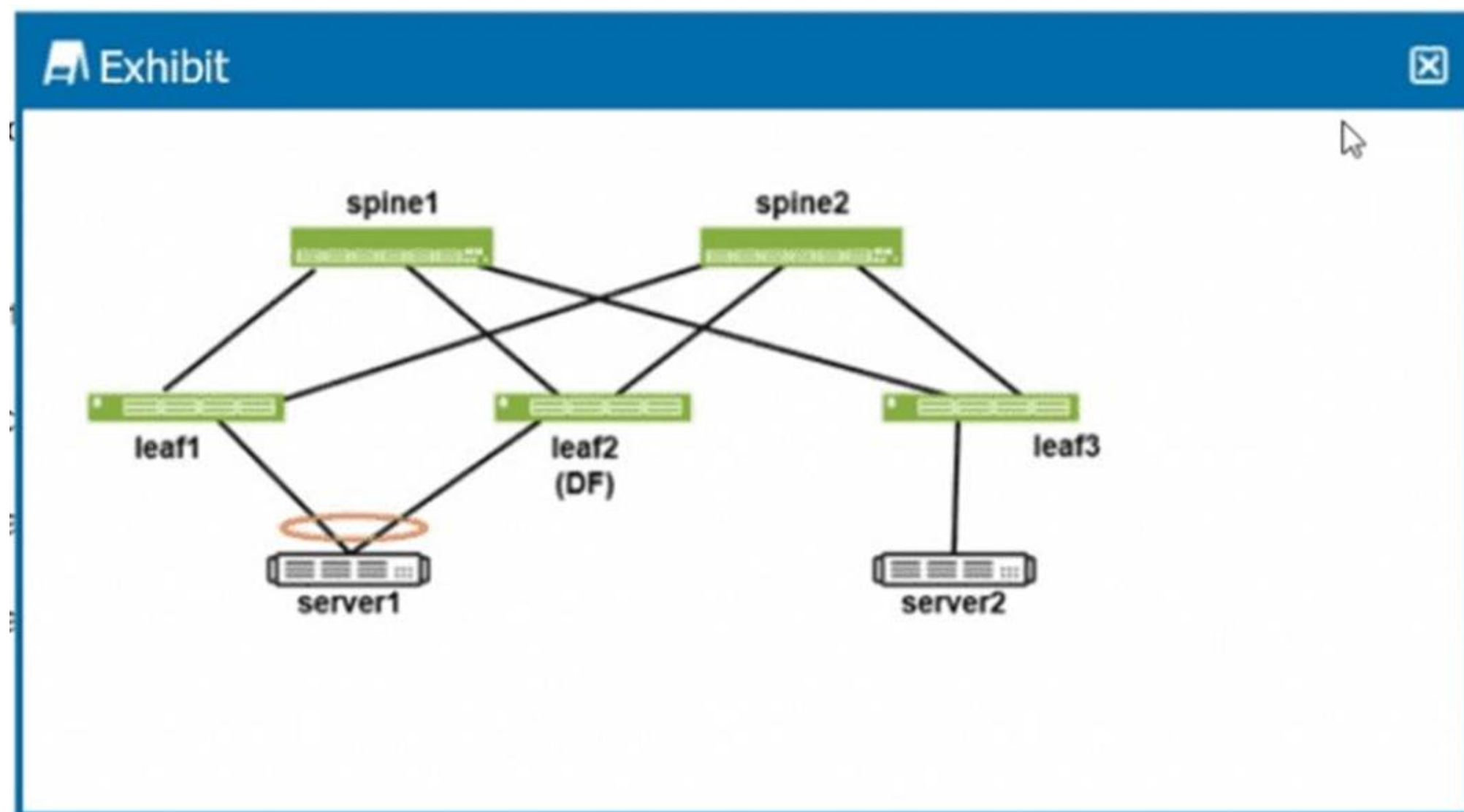
Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The BGP configuration is for IBGP
- B. The BGP configuration includes the multipath parameter.
- C. This route has two next hops available.
- D. This route has a hidden next hop.

Answer: BC

NEW QUESTION 91

Exhibit.



Referring to the exhibit. leaf2 is elected the designated forwarder
 Which two statements are correct if server2 generates a broadcast frame*? (Choose two.)

- A. The broadcast frame will be forwarded to leaf1 and leaf2.
- B. The broadcast frame will not be forwarded to leaf1.
- C. Only leaf2 will forward the broadcast frame to server1
- D. Only leaf1 will forward the broadcast frame to server1.

Answer: AC

NEW QUESTION 92

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