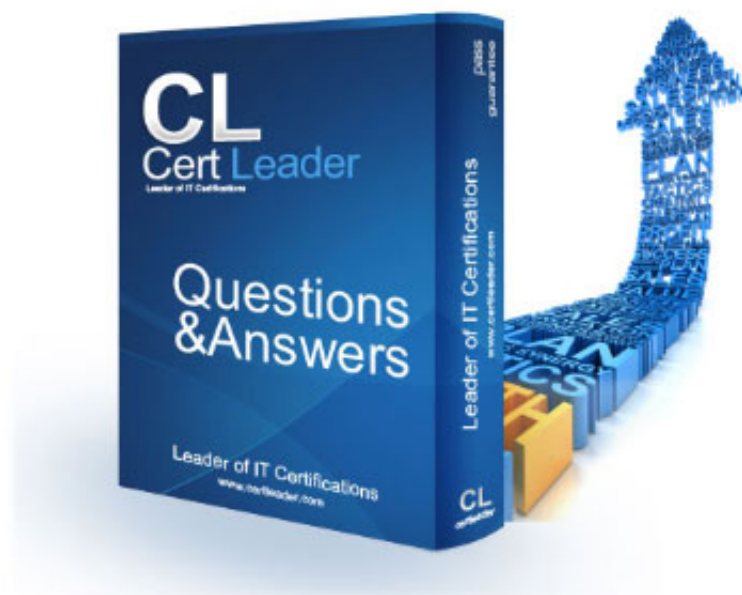


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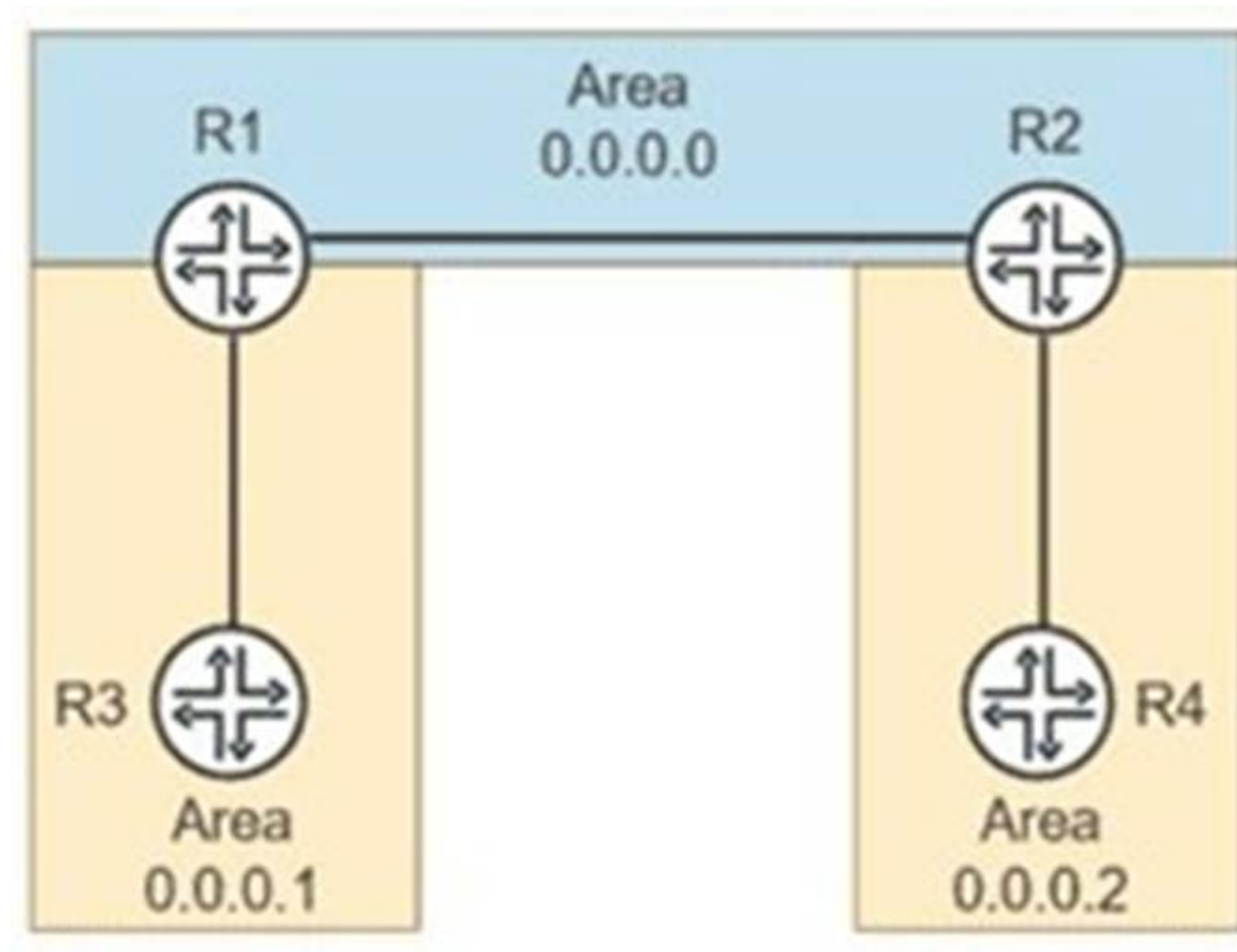
Enterprise Routing and Switching - Professional (JNCIP-ENT)

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NEW QUESTION 1

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 2

Your existing enterprise network uses OSPFv3 on Juniper devices. You need to extend the networking into a new building, and it needs to be in its own OSPF area. Your team is debating about making the area a stub

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

- A. Stub areas can have an ASBR
- B. Stub areas can also be not-so-stubby areas.
- C. Stub areas do not support virtual links.
- D. Stub areas can be converted into totally stubby areas.

Answer: CD

NEW QUESTION 3

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 4

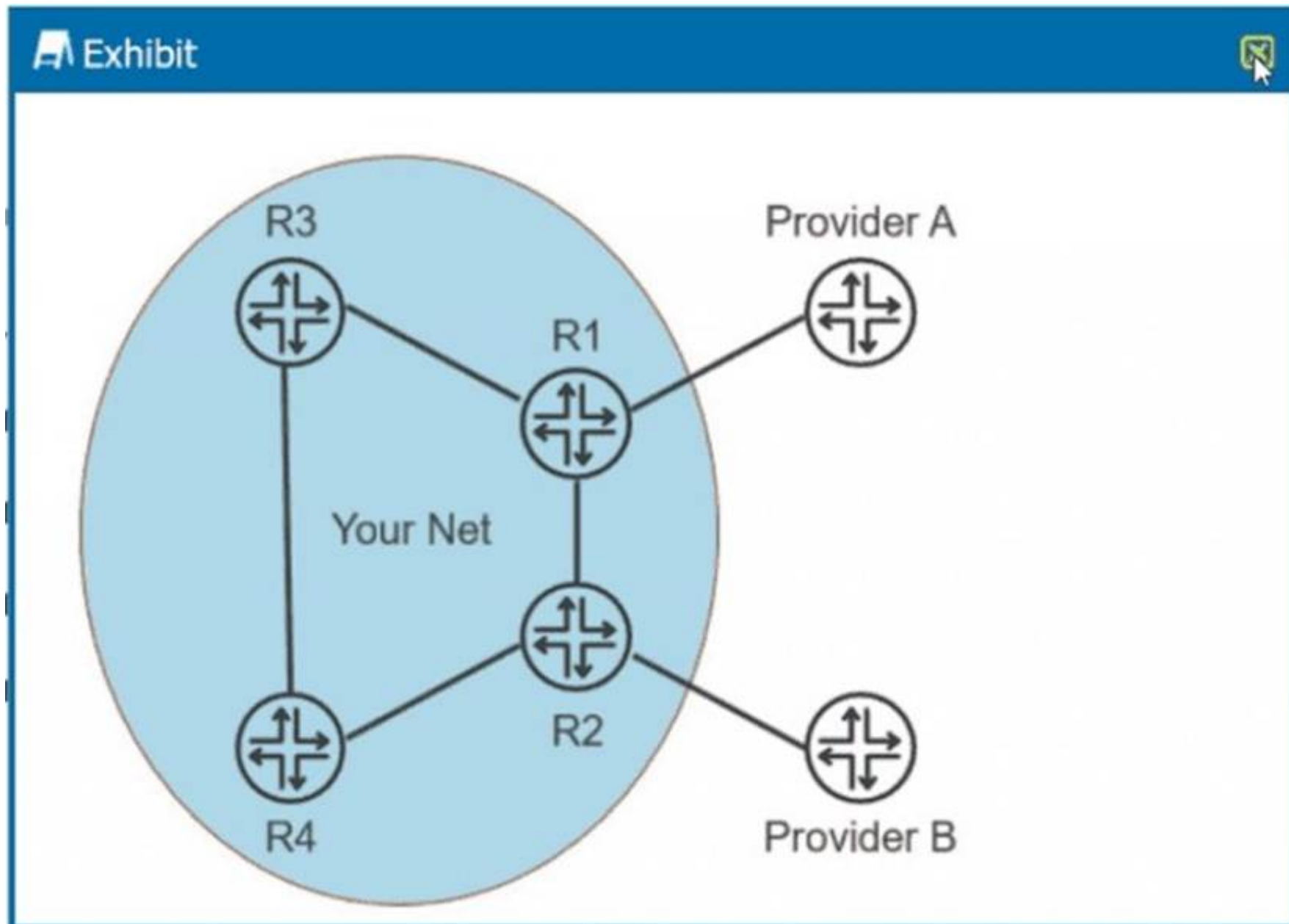
You want to implement a system in your network to simplify VLAN management that can also dynamically create and prune VLANs. How would you accomplish this task?

- A. Enable GVRP on access interfaces.
- B. Enable MVRP and GVRP on all interfaces.
- C. Enable MVRP on trunk interfaces.
- D. Enable MVRP on access interfaces.

Answer: C

NEW QUESTION 5

Exhibit



Your network receives the full Internet BGP routing table from two different ISPs. You want your local routers to use Provider A to forward all Internet traffic as long as Provider A is available.

Referring to the exhibit, which two actions would satisfy this requirement? (Choose two.)

- A. Use a routing policy to set the local preference attribute value higher for the routes that are learned by R1.
- B. Use a routing policy to set the local preference attribute value higher for the routes that are learned by R2.
- C. Use a routing policy to set the local preference attribute value lower for the routes that are learned by R2.
- D. Use a routing policy to set the local preference attribute value lower for the routes that are learned by R1.

Answer: AC

NEW QUESTION 6

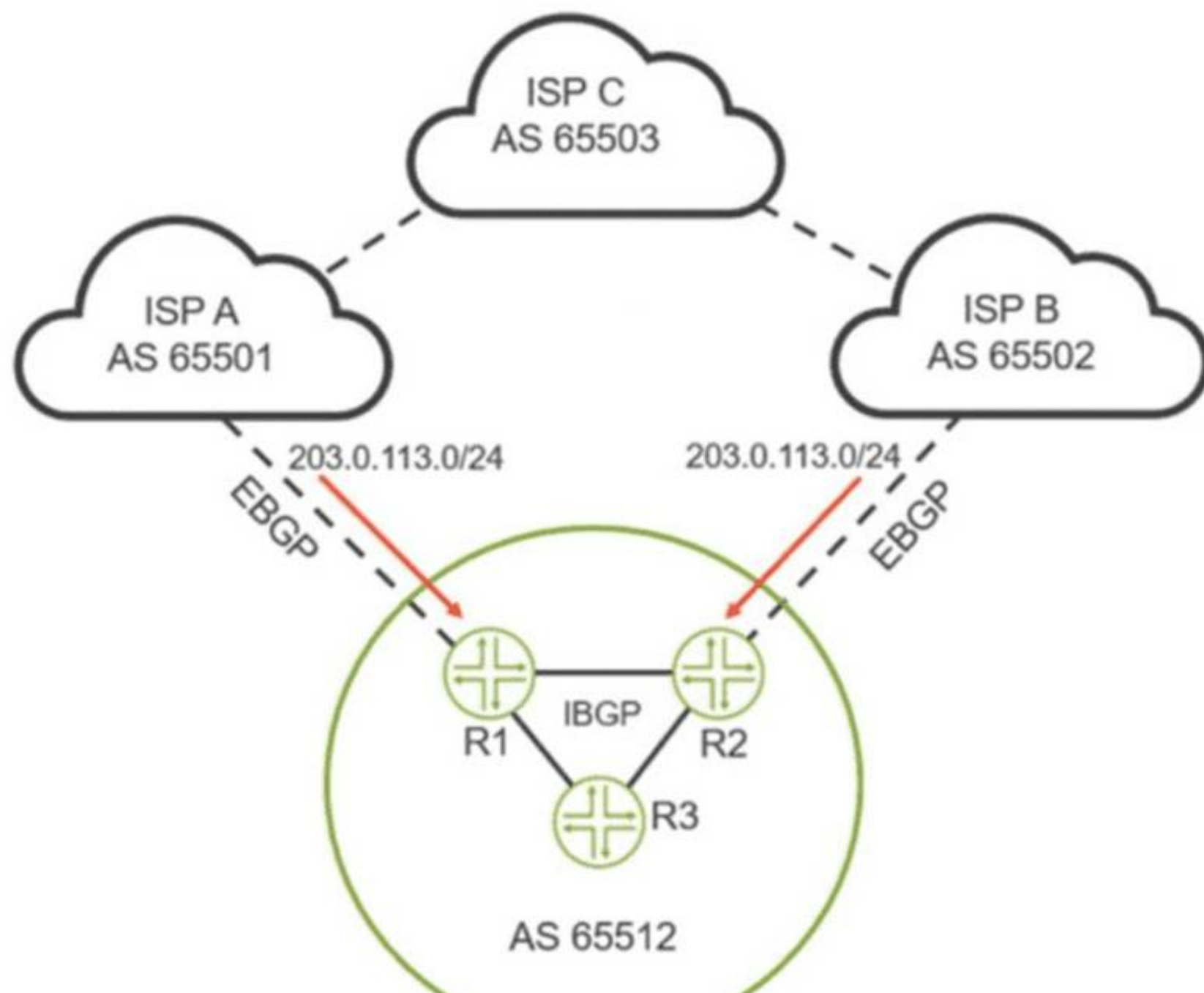
An incorrectly configured routing policy at your service provider led to several hundred thousand routes being placed in your edge router's routing table. In this scenario, how would you limit the number of prefixes received on a BGP peer session?

- A. Enable the damping BGP parameter in the edge router configuration.
- B. Enable the prefix-limit BGP parameter in the edge router configuration.
- C. Enable the graceful-restart BGP parameter in the edge router configuration.
- D. Enable the advertise-inactive BGP parameter in the edge router configuration.

Answer: B

NEW QUESTION 7

Exhibit



You are receiving the 203.0.113.0/24 route from both upstream ISPs. You are asked to ensure that ISP A is the preferred ISP for traffic being sent to the 203.0.113.0/24 network from devices in AS 65512.

Referring to the exhibit, which two statements will accomplish this behavior? (Choose two.)

- A. You should assign a local preference that is lower than 100 for the route learned from ISP A.
- B. You should assign a local preference that is higher than 100 for the route learned from ISP A.
- C. You should assign a local preference that is lower than 100 for the route learned from ISP B.
- D. You should assign a local preference that is higher than 100 for the route learned from ISP B.

Answer: BC

NEW QUESTION 8

Exhibit

Exhibit							
user@router> show interfaces ge-0/0/11 extensive find "Cos information"							
CoS information:							
Direction : Output							
CoS transmit queue		Bandwidth		Buffer	Priority	Limit	
	%	bps	%	usec			
0 best-effort	r	r	r	0	low	none	
1 expedited-forwarding	10	100000000	r	0	low	none	
2 assured-forwarding	10	100000000	r	0	low	exact	
3 network-control	4	40000000	r	0	low	exact	

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

- A. The bandwidth reservation for queue 0 is 76%.
- B. During times of no network congestion, traffic that is placed in queue 2 will be dropped if more than 10% of the interface bandwidth is used
- C. The bandwidth reservation for queue 0 is 100%.
- D. During times of sustained network congestion, traffic that is placed in queue 2 will be dropped if more than 10% of the interface bandwidth is used

Answer: AB

NEW QUESTION 9

You have configured DSCP CoS in your network and have applied BA and multifield classifiers to all interfaces. In this scenario, which statement is correct?

- A. If traffic matches both classifiers, then the multifield classifier determines into which forwarding class the traffic is assigned
- B. You must set the BA classifier to take precedence over the multifield classifier or the configuration is ignored
- C. You must set the multifield classifier to take precedence over the BA classifier or the configuration is ignored.
- D. If traffic matches both classifiers, then the BA classifier determines into which forwarding class the traffic is assigned.

Answer: A

NEW QUESTION 10

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 10

Which statement accurately describes the operation of OSPF within the Junos OS?

- A. OSPF calculates routes using a distance vector algorithm.
- B. OSPF is used for routing information and neighbor discovery within a single autonomous system (AS).
- C. OSPF does not automatically advertise directly connected routes.
- D. OSPF is used for routing information and neighbor discovery between multiple autonomous systems.

Answer: B

NEW QUESTION 14

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 15

Exhibit

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

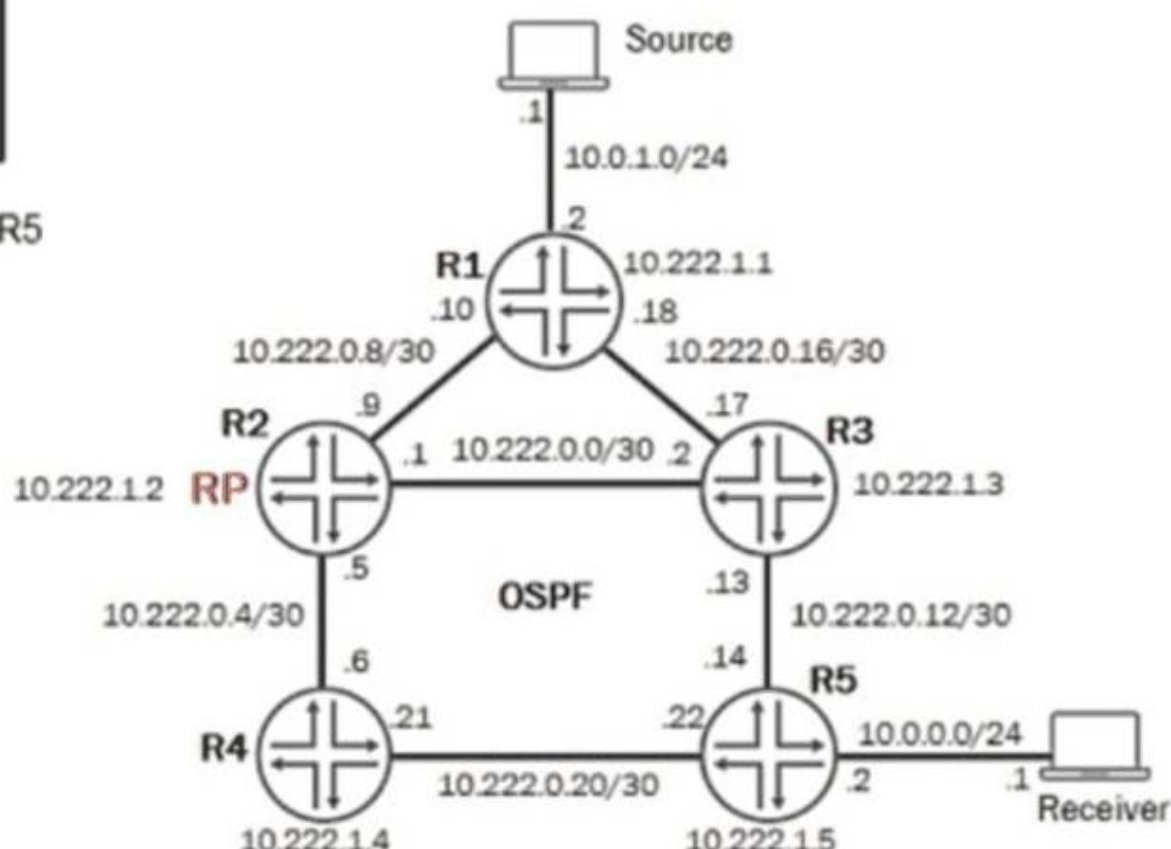
All non-RP routers are configured similarly to R5

```
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 17

Which two statements correctly describe how EX Series switches use captive portal for Layer 2 authentication? (Choose two.)

- A. The captive portal is the default Layer 2 authentication method that is applied before other methods such as 802.1X or MAC RADIUS.
B. The captive portal authentication allowlist works for devices that do not have HTTP capabilities.
C. The captive portal is configured on Layer 3 interfaces and does not participate in Layer 2 authentication on EX Series switches.
D. The captive portal is used as a fallback mechanism for clients that fail 802.1X or MAC RADIUS authentication.

Answer: BD

NEW QUESTION 20

Which three conditions does the Junos OS use to create a figure-of-merit value for each BGP route in the routing table? (Choose three.)

- A. The route is withdrawn.
B. The route has a configured local preference.
C. The route is readvertised.
D. The route is from IBGP or EBGP.
E. The route's path attributes changed.

Answer: ACE

NEW QUESTION 22

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 24

Exhibit

```
master:0}[edit protocols mstp]
user@switch1# show
configuration-name main;
revision-level 1;
interface ge-0/0/2;
interface ge-0/0/3;
interface ge-0/0/4;
interface ge-0/0/5;
msti 1 {
    bridge-priority 8k;
    vlan 1-5;
}
msti 2 {
    bridge-priority 4k;
    vlan 6-10;
}
{master:0}[edit protocols mstp]
user@switch2# show
configuration-name main;
revision-level 1;
interface ge-0/0/2;
interface ge-0/0/3;
interface ge-0/0/4;
interface ge-0/0/5;
msti 1 {
    bridge-priority 4k;
    vlan 1-5;
}
msti 2 {
    bridge-priority 8k;
    vlan 6-10;
}
```

You are asked to configure VLAN load balancing on your network using MSTP. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. Switch1 will be the root bridge for msti 1.
B. Switch1 will be the root bridge for msti 2.
C. Switch 1 will not assume the role of root bridge for both msti1 and msti2 if Switch2 goes down.
D. Switch1 will assume the role of root bridge for both msti1 and msti2 if Switch2 goes down.

Answer: BD

NEW QUESTION 27

Exhibit.

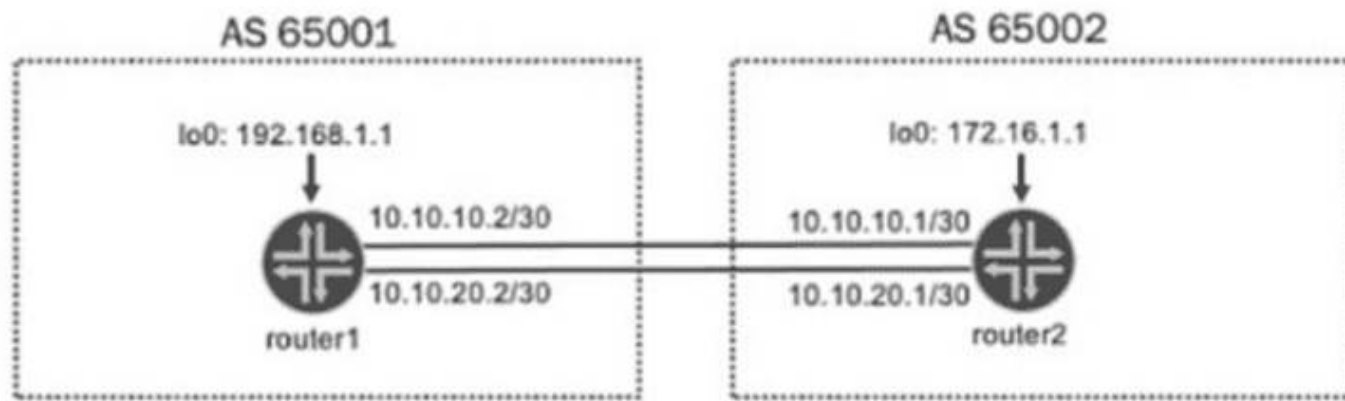
```
[edit]
user@RouteReflector# show protocols
bgp {
    group int-group {
        type internal;
        local-address 172.16.10.1;
        export NHS;
        cluster 172.16.10.1;
        neighbor 172.16.10.3;
        neighbor 172.16.10.2;
    }
}
[edit]
user@RouteReflector# show policy-options
policy-statement NHS {
    term 10 {
        from protocol bgp;
        then {
            next-hop self;
        }
    }
}
```

You have determined that traffic in your network is being routed through your route reflector instead of using the optimal path. Referring to the exhibit, what are two configuration changes on the route reflector that would solve the problem? (Choose two.)

- A. set policy-options policy-statement NHS term 10 from route-type external
- B. set protocols bgp group int-group import NHS
- C. delete protocols bgp group int-group export NHS
- D. set policy-options policy-statement NHS term 10 from route-type internal

Answer: CD**NEW QUESTION 31**

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

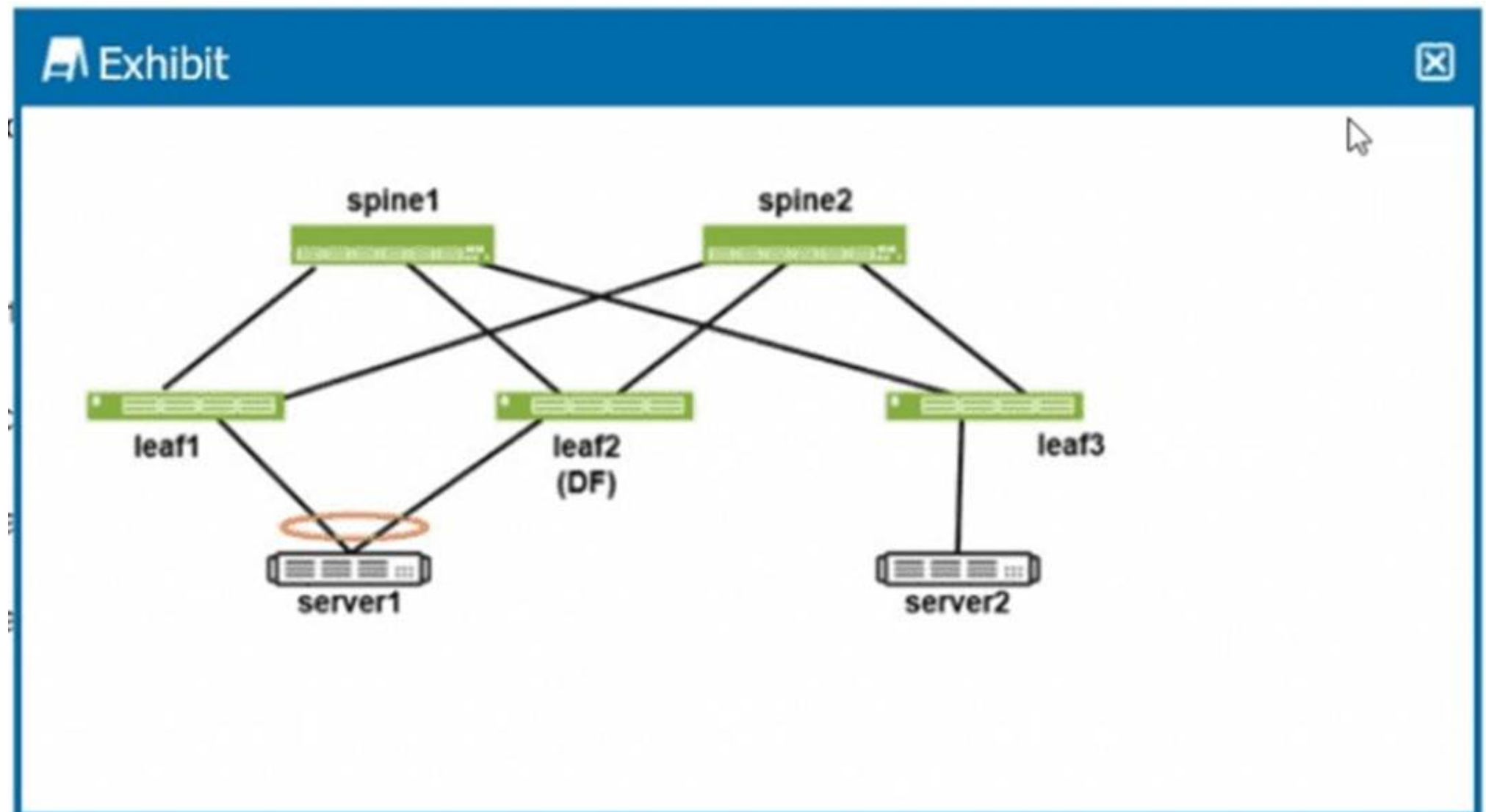
Referring to the exhibit, what will enable active routes from both peers?

- 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 32

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 37

.....

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