

Juniper

Exam Questions JN0-650

Enterprise Routing and Switching - Professional (JNCIP-ENT)



NEW QUESTION 1

You want to validate a recursive lookup for an EVPN route designation. Which route table query will accomplish this task?

- A. inet.2
- B. default-switch.evpn.0
- C. inet.3
- D. vxlan.inet.

Answer: C

NEW QUESTION 2

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 3

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 4

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 5

Which two statements are correct about EVPN/VXLAN deployments? (Choose two.)

- A. VNIs are used for encapsulating and de-encapsulating traffic entering and leaving the tunnels
- B. VTEPs are used for encapsulating and de-encapsulating traffic entering and leaving the tunnels.
- C. VTEPs are used to identify broadcast domains within an EVPN/VXLAN environment.
- D. VNIs are used to identify broadcast domains within an EVPN/VXLAN environment.

Answer: BD

NEW QUESTION 6

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 7

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 8

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 Senes 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.

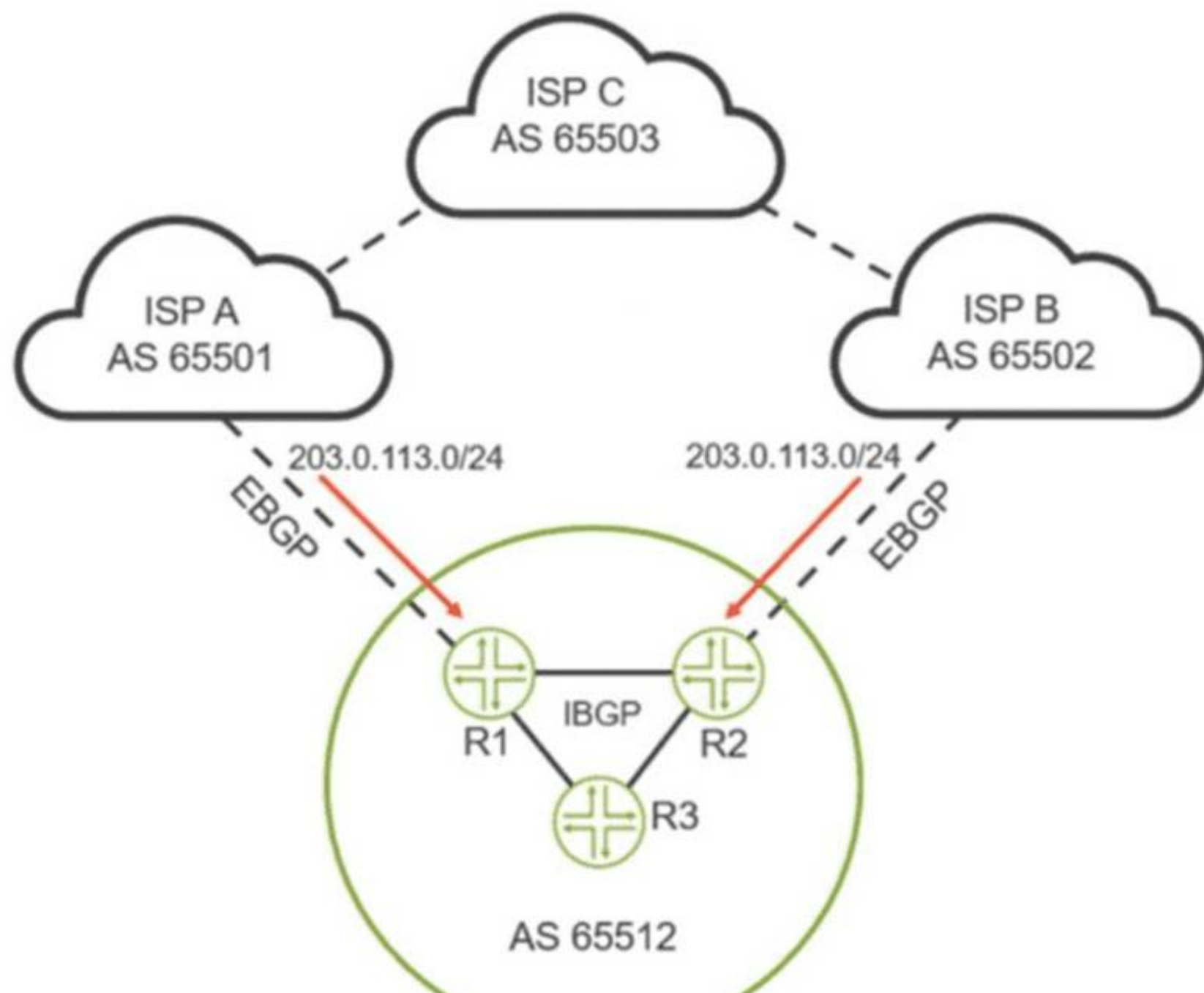
In this scenario, which two statements are correct? (Choose two.)

- 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 classdesignations.
- D. The switch is capable of supplying up to 30 W of power to attached PoE devices.

Answer: CD

NEW QUESTION 9

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 10

You are evaluating a BGP routing policy that has a route-filter clause that includes its own action (e.g., accept) within the filter block. The policy is also using a then clause.

Which statement is correct in this scenario?

- A. The policy ignores the filter action and defers to the then clause.
- B. The filter action is treated as a suggestion and combined with the then action.
- C. The filter action is applied only if no then action is defined.
- D. The filter's accept action executes immediately upon matching and the then clause is ignored.

Answer: D

NEW QUESTION 10

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 14

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 16

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 20

Which two statements are correct about OSPFv2 and OSPFv3? (Choose two.)

- A. OSPFv2 carries prefix information in LSAs
- B. OSPFv3 is processed per subnet.
- C. OSPFv2 and OSPFv3 require an Area 0.
- D. OSPFv3 carries flooding scope in LSAs.

Answer: CD

NEW QUESTION 21

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 22

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 25

When configuring OSPF, what is the purpose of adding the secondary command to an OSPF interface?

- A. The secondary command is used in conjunction with VRRP for failover.
- B. The secondary command allows an interface to be in multiple areas.
- C. The secondary command creates an mtra-area backup path.
- D. The secondary command sets a backup path for virtual links

Answer: B

NEW QUESTION 26

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 28

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 31

Exhibit

Exhibit

```
user@router> show ospf database router extensive
  OSPF database, Area 0.0.0.0
  Type      ID          Adv Rtr          Seq      Age  Opt  Cksum  Len
Router  192.168.2.1    192.168.2.1    0x8000000d   191  0x22  0x8e91  72
  bits 0x1, link count 4
  id 192.168.1.1, data 172.20.77.2, Type PointToPoint (1)
    Topology count: 0, Default metric: 1
  id 172.20.77.0, data 255.255.255.252, Type Stub (3)
    Topology count: 0, Default metric: 1
  id 172.20.66.2, data 172.20.66.2, Type Transit (2)
    Topology count: 0, Default metric: 1
  id 192.168.2.1, data 255.255.255.255, Type Stub (3)
    Topology count: 0, Default metric: 0
Topology default (ID 0)
  Type: Transit, Node ID: 172.20.66.2
    Metric: 1, Bidirectional
  Type: PointToPoint, Node ID: 192.168.1.1
    Metric: 1, Bidirectional
Aging timer 00:56:48
Installed 00:03:08 ago, expires in 00:56:49, sent 00:03:06 ago
Last changed 01:16:32 ago, Change count: 3
```

What is the OSPF router type shown in the exhibit for router 192.168.2.1?

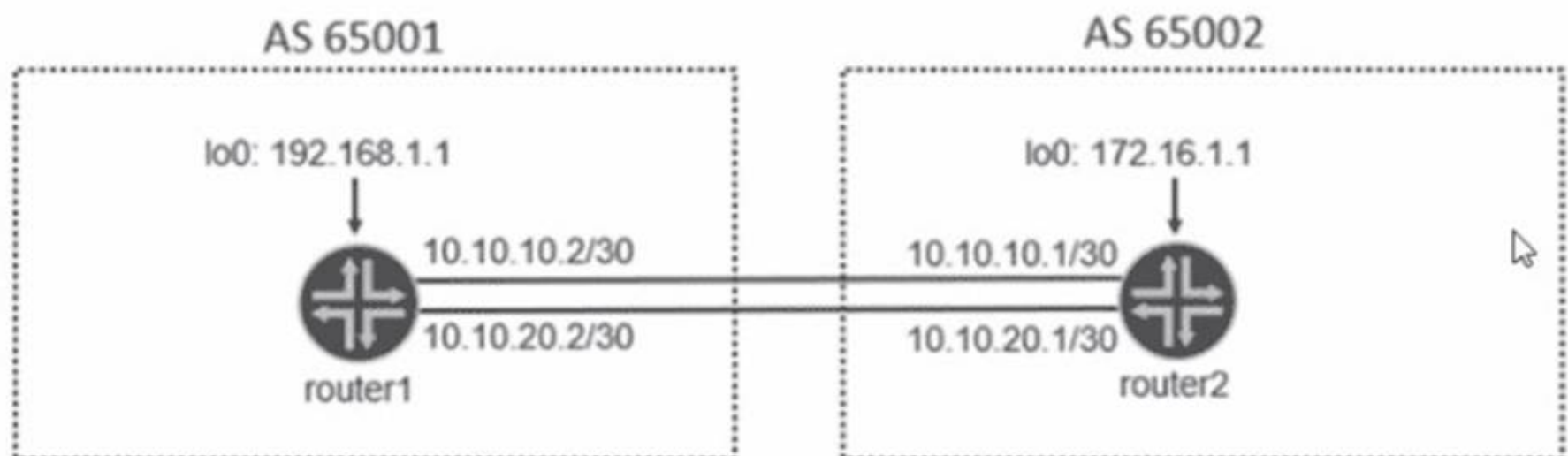
- A. neither an ABR nor an ASBR
- B. an ASBR
- C. both an ABR and an ASBR
- D. an ABR

Answer: A

NEW QUESTION 36

Exhibit.

Exhibit



```
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 40

Exhibit

```
user@switch> show route table default-switch.evpn.0
2:192.168.100.1:1::5010::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.1:1::5010::2c:6b:f5:4b:b9:f0/304 MAC/IP
2:192.168.100.1:1::5020::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.1:1::5020::2c:6b:f5:4b:b9:f0/304 MAC/IP
2:192.168.100.2:1::5010::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.2:1::5010::2c:6b:f5:7b:d8:f0/304 MAC/IP
2:192.168.100.2:1::5020::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.2:1::5020::2c:6b:f5:7b:d8:f0/304 MAC/IP
2:192.168.100.11:1::5010::00:0c:29:23:2c:1b/304 MAC/IP
2:192.168.100.13:1::5020::00:0c:29:93:24:6b/304 MAC/IP
2:192.168.100.1:1::5010::00:00:5e:00:01:01::10.1.1.254/304 MAC/IP
2:192.168.100.1:1::5010::2c:6b:f5:4b:b9:f0::10.1.1.101/304 MAC/IP
2:192.168.100.1:1::5020::00:00:5e:00:01:01::10.1.2.254/304 MAC/IP
2:192.168.100.1:1::5020::2c:6b:f5:4b:b9:f0::10.1.2.101/304 MAC/IP
2:192.168.100.2:1::5010::00:00:5e:00:01:01::10.1.1.254/304 MAC/IP
2:192.168.100.2:1::5010::2c:6b:f5:7b:d8:f0::10.1.1.102/304 MAC/IP
2:192.168.100.2:1::5020::00:00:5e:00:01:01::10.1.2.254/304 MAC/IP
2:192.168.100.2:1::5020::2c:6b:f5:7b:d8:f0::10.1.2.102/304 MAC/IP
2:192.168.100.11:1::5010::00:0c:29:23:2c:1b::10.1.1.1/304 MAC/IP
2:192.168.100.13:1::5020::00:0c:29:93:24:6b::10.1.2.3/304 MAC/IP
```

Referring to the exhibit output, which statement is correct?

- A. The device with an IP address of 192.168.100.2 is attached to VNI 5010
- B. The output shows the router ID of the device sending the EVPN Type 2 routes
- C. The output shows the route distinguisher of the device sending the EVPN Type 2 routes
- D. IP addresses 10.1.1.1 and 10.1.2.3 are connected to the same VNI.

Answer: C

NEW QUESTION 44

Exhibit

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

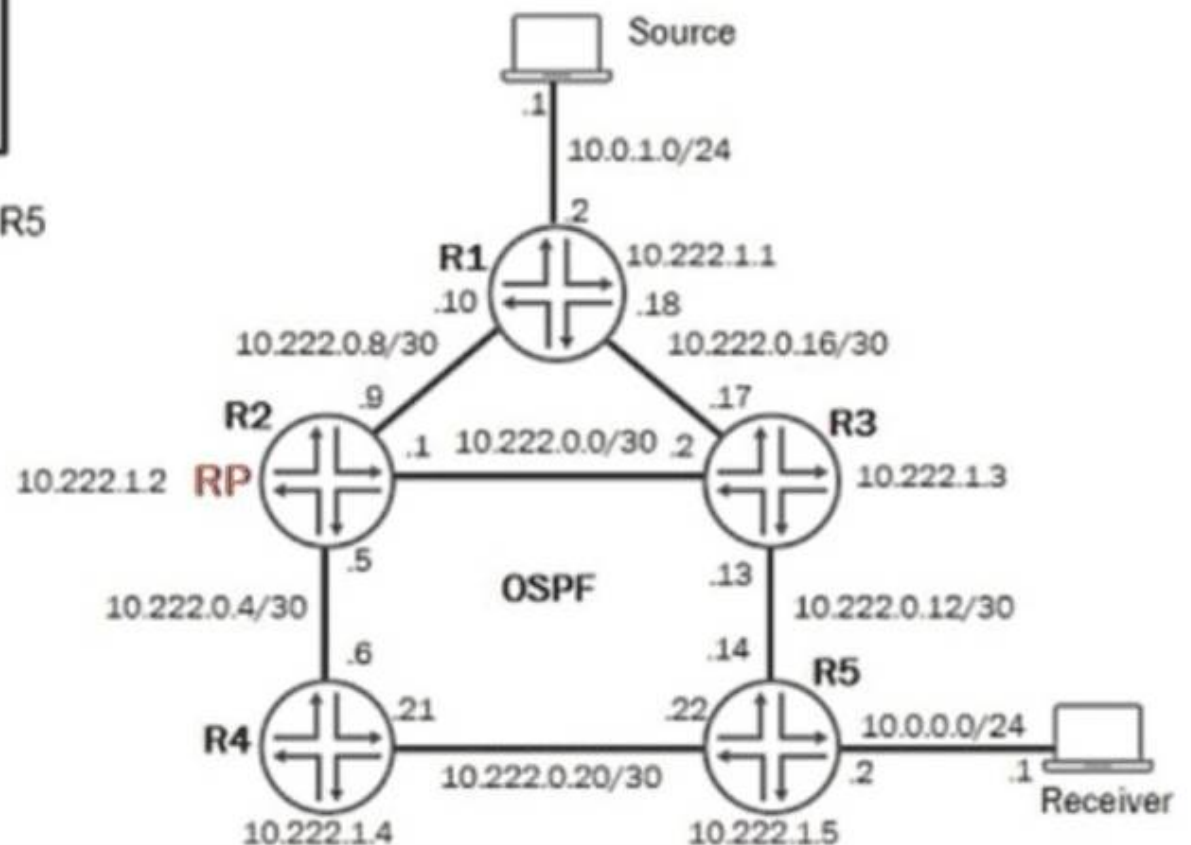
All non-RP routers are configured similarly to R5

```
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 48

You have created a private community VLAN called RND. The private community VLAN works fine within switch S1, but traffic in the private RND community VLAN does not reach VLAN members connected to switch S2. Which statement is correct in this scenario?

- A. The RND Community VLAN needs to have the same 802.1Q tag as its parent VLAN.
- B. The RND community VLAN needs to have an associated 802.1Q tag associated with it.
- C. The RND Community VLAN needs to be stripped of all 802.1Q tags.
- D. The RND community VLAN needs to be defined as an isolated VLAN.

Answer: B

NEW QUESTION 53

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 55

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 60

When configuring Q-in-Q tunneling, which type of tunneling involves the swapping of S- VLANs with C-VLANs?

- A. L2PT
- B. many-to-many
- C. VLAN rewrites
- D. all-in-one

Answer: C

NEW QUESTION 63

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