Juniper JN0-650 JNCIP-ENT Practice Questions

Shared by Rasmussen on 19-10-2026

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Question 1

Question Type: MultipleChoice

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?

Options:

A- OSPF underlay network
B- IS-IS underlay network
C- MPLS overlay network
D- EBGP overlay network

Answer:

D

Explanation:

In an EVPN-VXLAN architecture, the network is divided into two distinct planes: the Underlay and the Overlay.

Underlay (IP Fabric): The underlay's only job is to provide IP reachability between the loopback addresses of all VTEPs (Virtual Tunnel Endpoints). This is typically achieved using OSPF, IS-IS, or EBGP.

Overlay (EVPN Control Plane): The overlay is responsible for carrying Layer 2 MAC and Layer 3 IP reachability information between switches. EVPN signaling is the standard mechanism for this task.

Protocol Choice (Option D): EVPN uses MP-BGP (Multiprotocol BGP) as its control plane protocol. On Juniper EX Series and QFX Series switches, the most scalable and recommended design for the overlay is EBGP (External BGP).

In a 3-stage or 5-stage Clos architecture, EBGP is used in the overlay to exchange EVPN routes (Route Types 1-5) between Leaf and Spine switches.

EBGP simplifies configuration by avoiding the need for Route Reflectors (required for IBGP) and provides better control over route propagation through BGP community and policy management.

Incorrect Options:

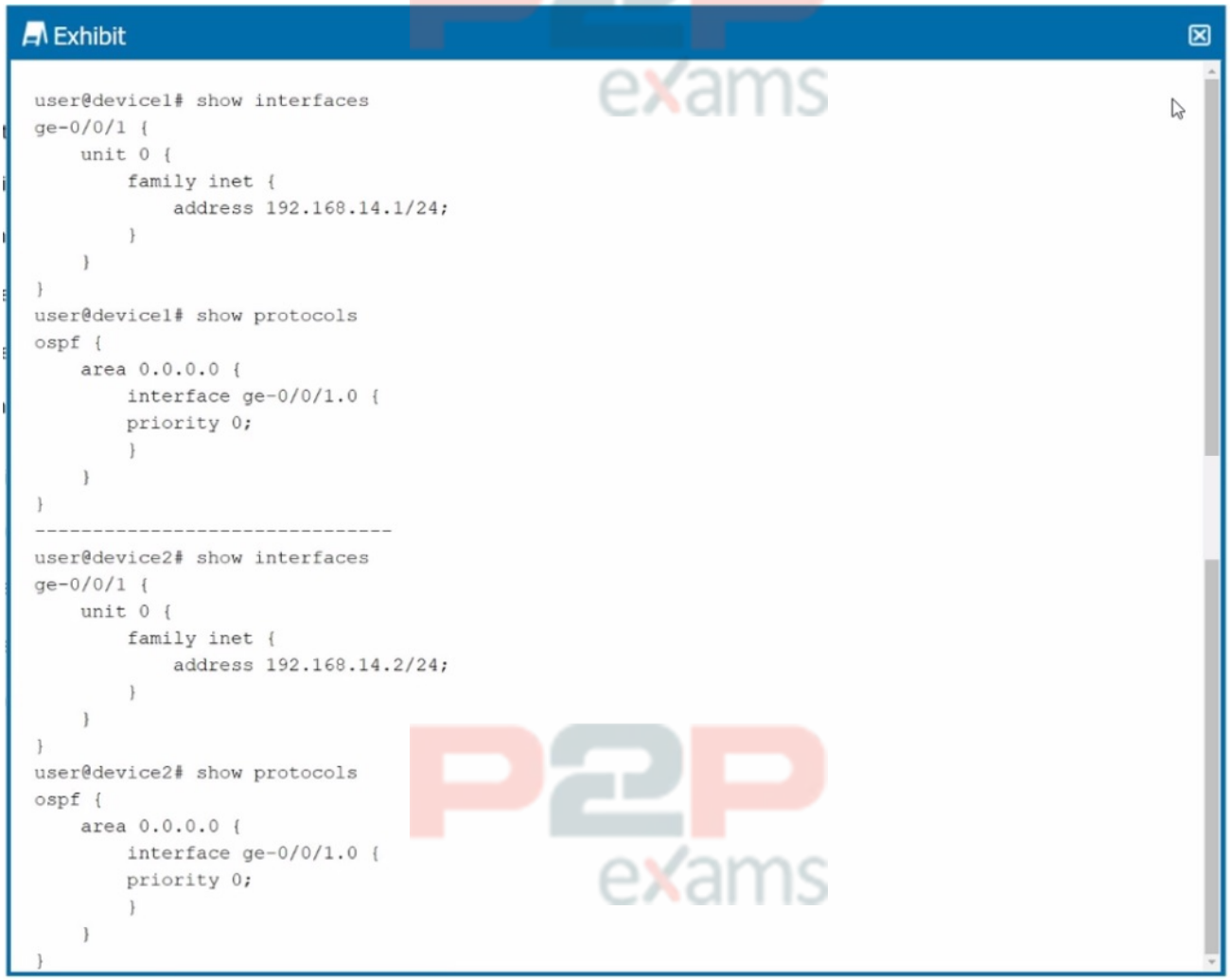
Options A and B refer to the underlay protocols. While they provide the path for the VXLAN tunnels, they do not handle the EVPN signaling itself.

Option C (MPLS) is a different transport technology. While EVPN can run over MPLS (EVPN-MPLS), campus designs on EX series devices specifically use VXLAN as the data plane, making EBGP the standard signaling protocol for the EVPN-VXLAN overlay.

Question 2

Question Type: MultipleChoice

Exhibit.



Referring to the exhibit, which statement is correct?

Options:

A- The device with the highest IP address is elected as the DR.
B- The OSPF state will be stuck in the Exstart state
C- The OSPF state will be stuck in the 2Nay state
D- The device with the lowest IP address is elected as the DR.

Answer:

A

Question 3

Question Type: MultipleChoice

Your OSPF network consists of a mix of 1GbE and 10GbE interfaces. By default, all interfaces have the same cost in your OSPF network. You are asked to ensure that the 10GbE interfaces are more preferred when available

In this scenario, which two statements would accomplish this behavior? (Select two.)

Options:

A- You should define the reference bandwidth as 10G. which will assign the 1GbE interfaces a higher cost
B- You should manually assign the interface metric for each 10GbE interface to be higher than the 1GbE interfaces in your OSPF network.
C- You should define the reference bandwidth as 1G. which will assign the 1GbE interfaces a higher cost.
D- You should manually assign the interface metric for each 1GbE interface to be higher than the 10GbE interfaces in your OSPF network.

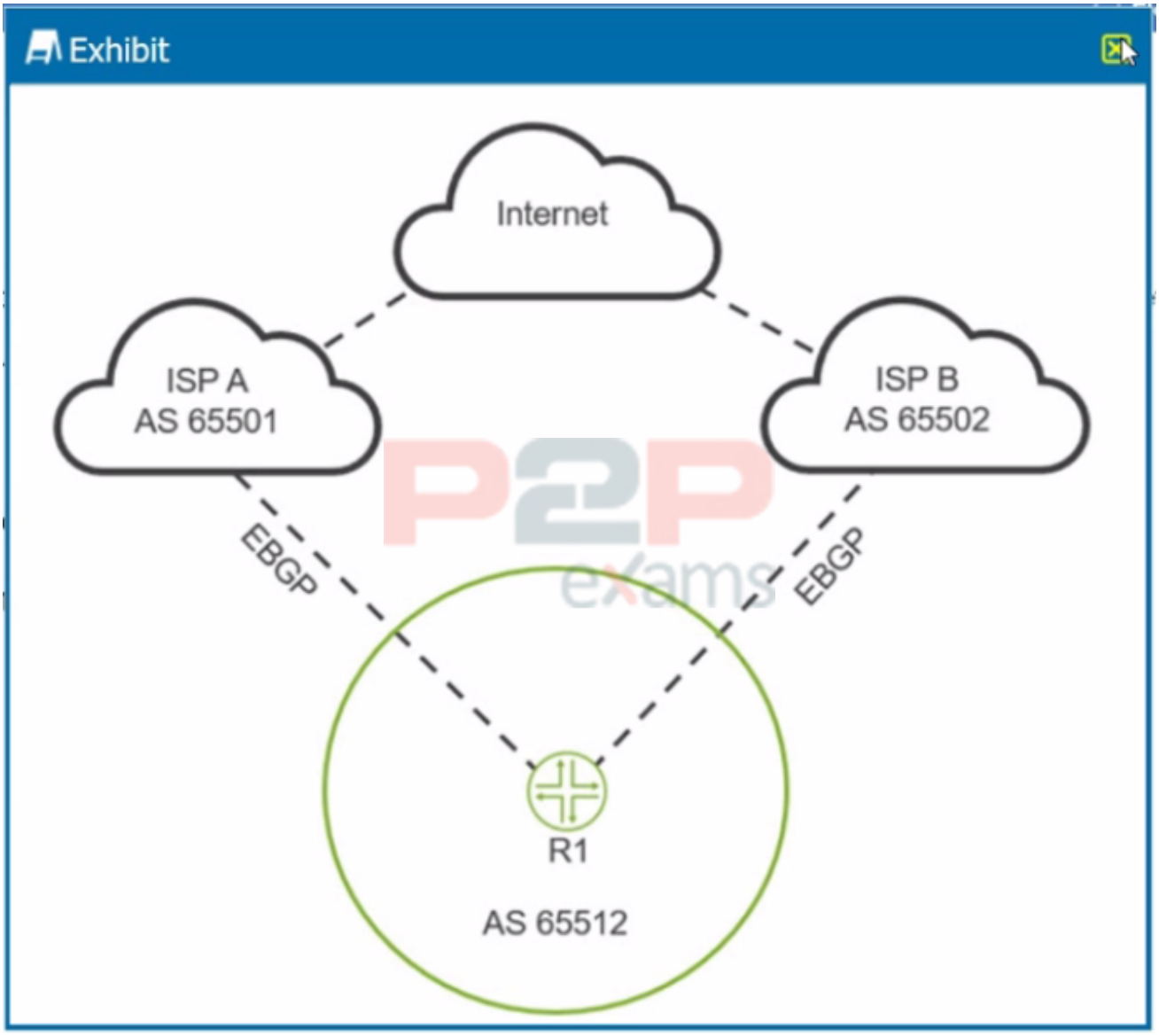
Answer:

A, D

Question 4

Question Type: MultipleChoice

Exhibit



You are receiving the same BGP Internet routes on R1 from both upstream ISPs. You are asked to load-balance traffic destined to the Internet across both ISPs.

Referring to the exhibit, which BGP solution should you use?

Options:

A- Use the multihop feature on R1.
B- Use the multipath multiple-as feature on R1.
C- Use the prefix limit feature on R1
D- Use the damping feature on R1.

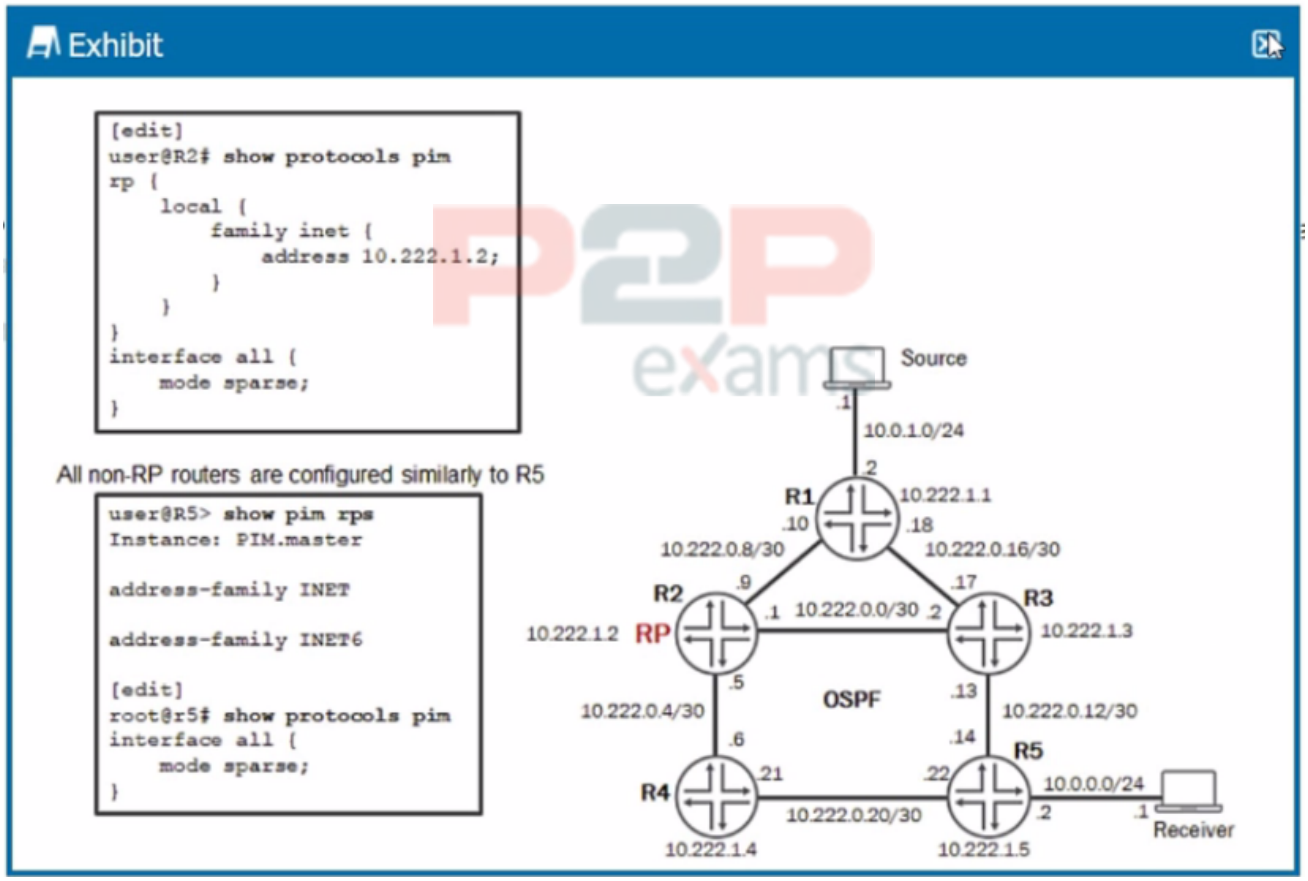
Answer:

B

Question 5

Question Type: MultipleChoice

Exhibit



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?

Options:

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

Answer:

B

Question 6

Question Type: MultipleChoice

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?

Options:

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

Question 7

Question Type: MultipleChoice

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?

Options:

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

Answer:

A

Question 8

Question Type: MultipleChoice

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?

Options:

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

Question 9

Question Type: MultipleChoice

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

Options:

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.

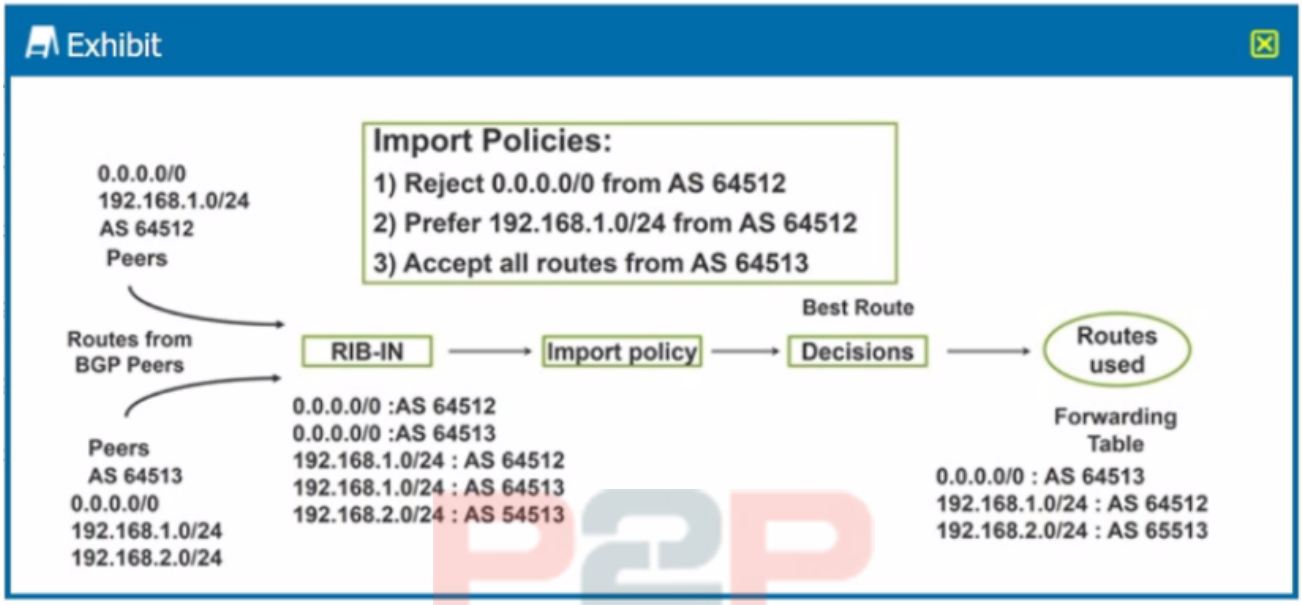
Answer:

B

Question 10

Question Type: MultipleChoice

Exhibit.



Referring to the exhibit, you see that the 0.0.0.0/0 route is coming from AS 64512.

What is the command to achieve this task?

Options:

A- show route receive-protocol bgp
B- show route protocol bgp source-gateway
C- show route protocol bgp next-hop < peer ip>
D- show route receive-protocol bgp hidden

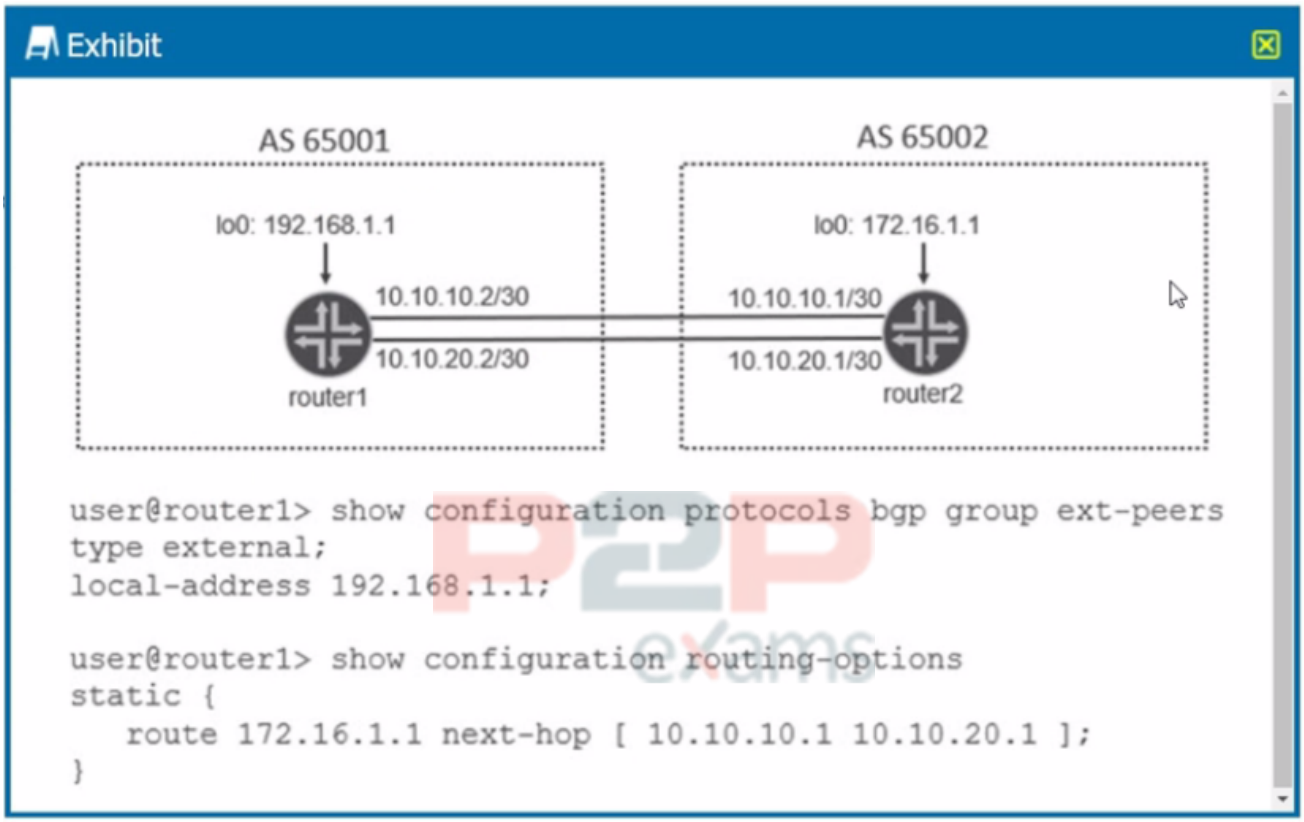
Answer:

D

Question 11

Question Type: MultipleChoice

Exhibit.



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

Options:

A- Configure neighbor 172.16.1.1 multipath under the ext-peers hierarchy.
B- Configure neighbor 10.10.20. l multihop under the ext-peers hierarchy
C- Configure neighbor lo.io.io.i multihop under the ext-peers hierarchy
D- Configure neighbor 172.16.1.1 multihop under the ext-peers hierarchy

Answer:

D

Question 12

Question Type: MultipleChoice

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?

Options:

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

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