

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

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 3

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 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

Your Layer 2 network uses 802.1X to authenticate user devices connecting to the network.

You are asked to include a new Layer 2 interface connection from the conference room in your network. You must ensure that only a single device is allowed to authenticate on this port at one time to avoid users from being able to plug in a rogue switch to this port.

In this scenario, which 802.1X method would you use for the new interface?

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

Answer: A

NEW QUESTION 6

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 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

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 9

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 10

You have several switches in your network that use Cisco's PVST+ protocol. You want your Juniper switches to interoperate with those devices.

In this scenario, which protocol would you use?

- A. RPVST+
- B. MSTP
- C. VSTP
- D. RSTP

Answer: C

NEW QUESTION 10

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?

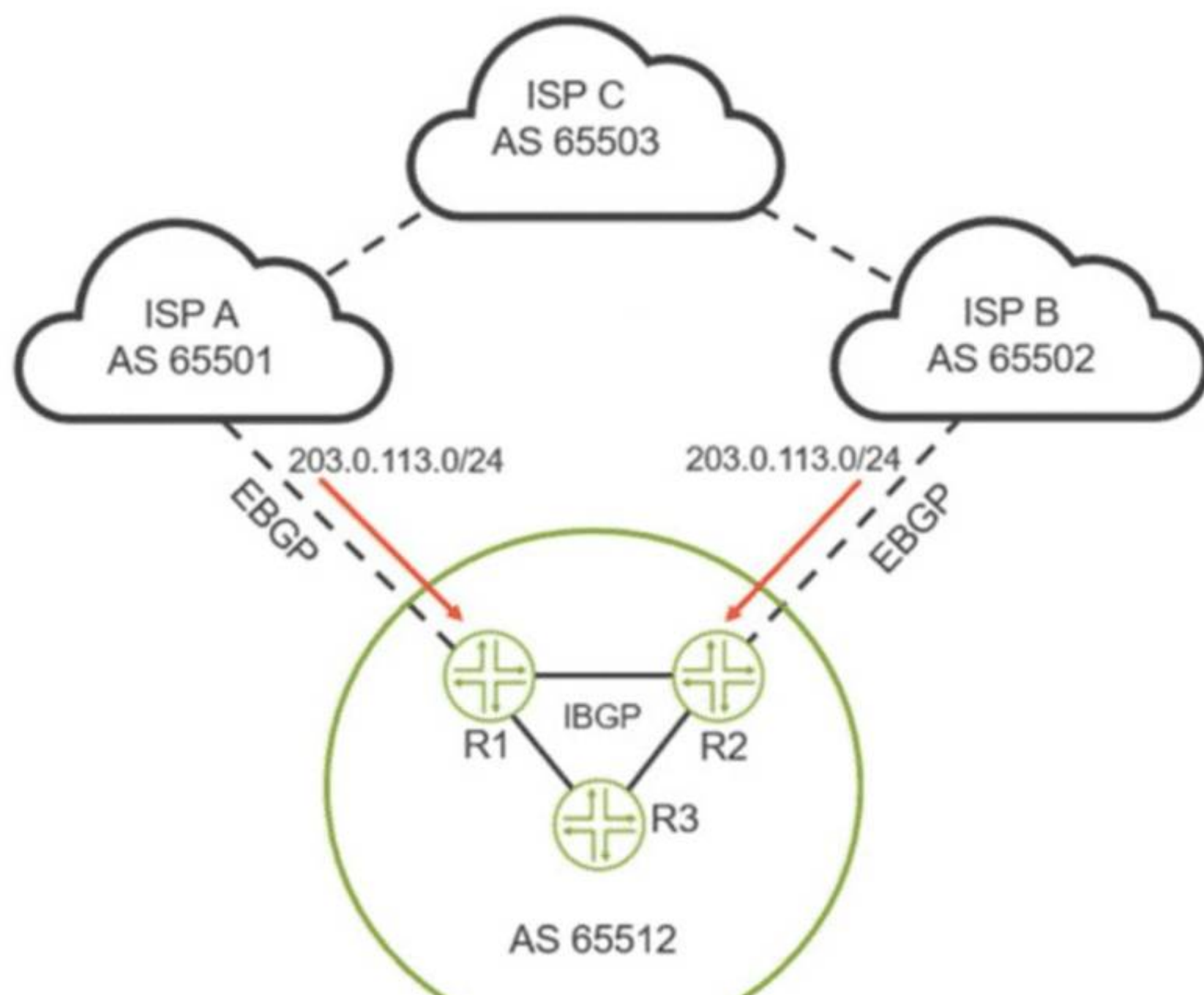
- A. MAC RADIUS
- B. captive portal
- C. single-secure supplicant mode
- D. single supplicant mode

Answer:

A

NEW QUESTION 12

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 14

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 18

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 21

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 23

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 26

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

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 31

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 36

Exhibit



You want to provide better performance for the video traffic that traverses your network. The video traffic enters your network without any class-of-service markings. According to Juniper Networks, which two classification methods are performed by the routers shown in the exhibit? (Choose two.)

- A. R1 performs behavior aggregate classification.
- B. R1 performs multifield classification.
- C. R2 and R3 perform multifield classification.
- D. R2 and R3 perform behavior aggregate classification.

Answer: BD

NEW QUESTION 40

According to IETF standards, which two statements are correct about EVPN/VXLAN deployments? (Choose two.)

- A. Up to 16 million EVPN broadcast domains can exist.
- B. Up to 16 million VXLAN broadcast domains can exist.
- C. IP packets within the same broadcast domain are forwarded unchanged.
- D. Layer 2 frames within the same broadcast domain are forwarded unchanged.

Answer: BD

NEW QUESTION 44

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 46

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 intra-area backup path.
- D. The secondary command sets a backup path for virtual links

Answer: B

NEW QUESTION 51

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 52

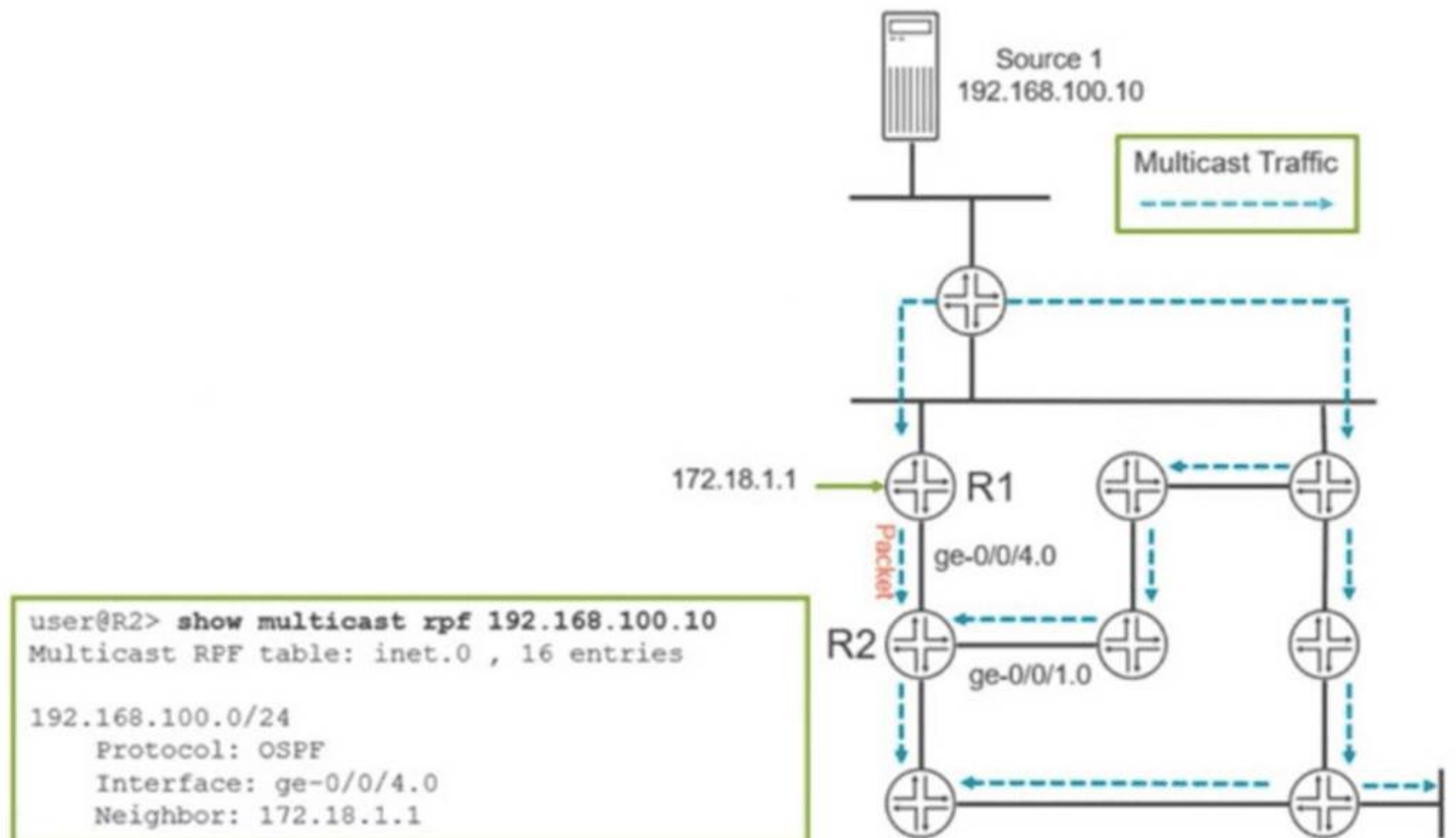
You are adding a new QFX Series switch to an EVPN-VXLAN IP fabric. In this scenario, which two statements are correct? (Choose two.)

- 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 56

Exhibit



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 57

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 58

You are deploying IP phones in your enterprise networks. When plugged in, the IP phones must automatically be provided with their geographic location details by the EX Series switches.

In this scenario, which protocol should be used to enable this behavior?

- A. CDP
- B. LLDP-MED
- C. LLDP
- D. MP-BGP

Answer: B

NEW QUESTION 61

You are asked to configure 802.1X on an EX Series switch port that connects to a downstream switch with several devices attached. You must ensure that the first device is authenticated while all subsequent devices are permitted.

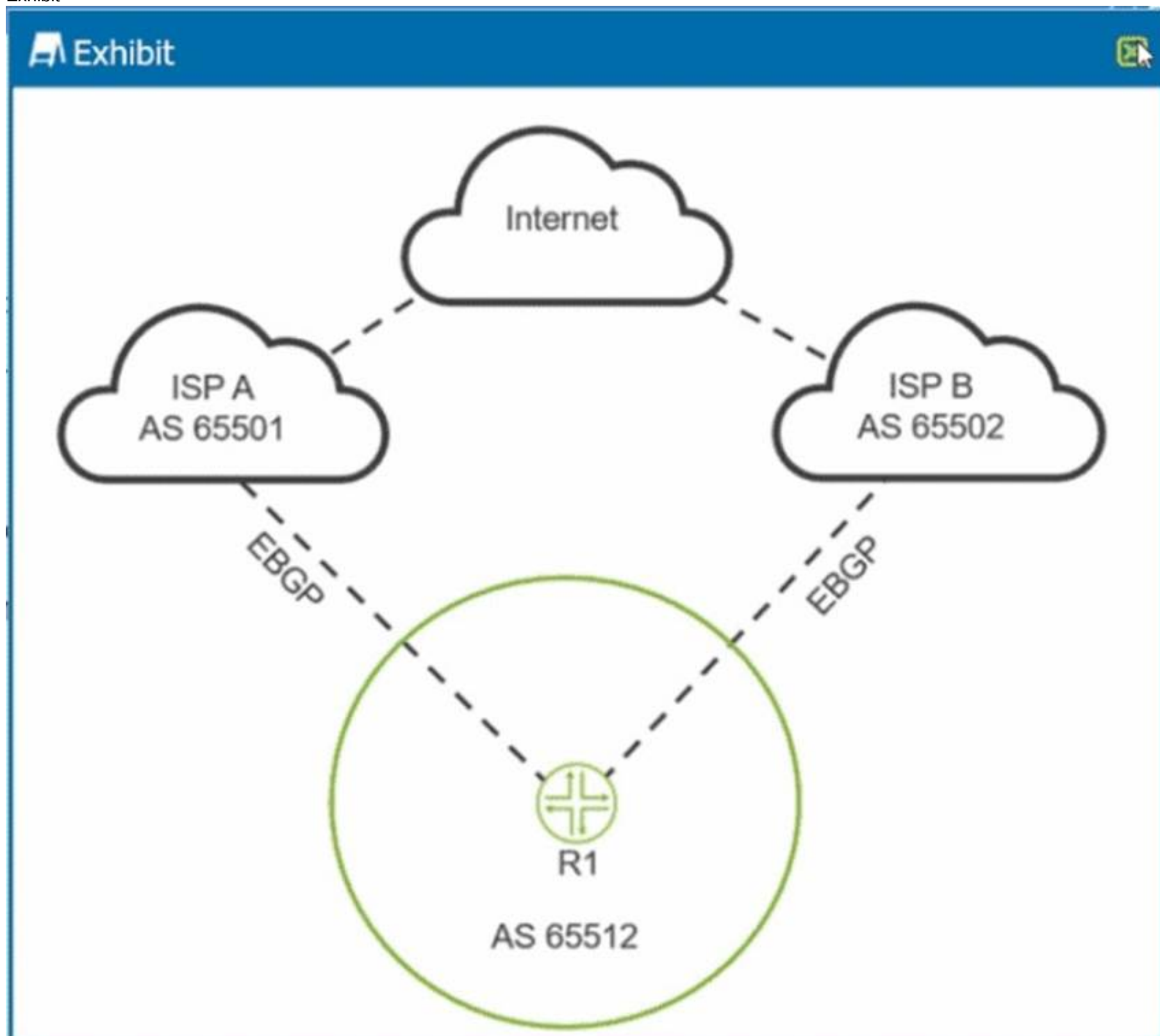
What will accomplish this request?

- A. single supplicant
- B. MAC RADIUS
- C. single-secure supplicant
- D. multiple supplicant

Answer: A

NEW QUESTION 66

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?

- 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

NEW QUESTION 69

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 72

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