

Juniper

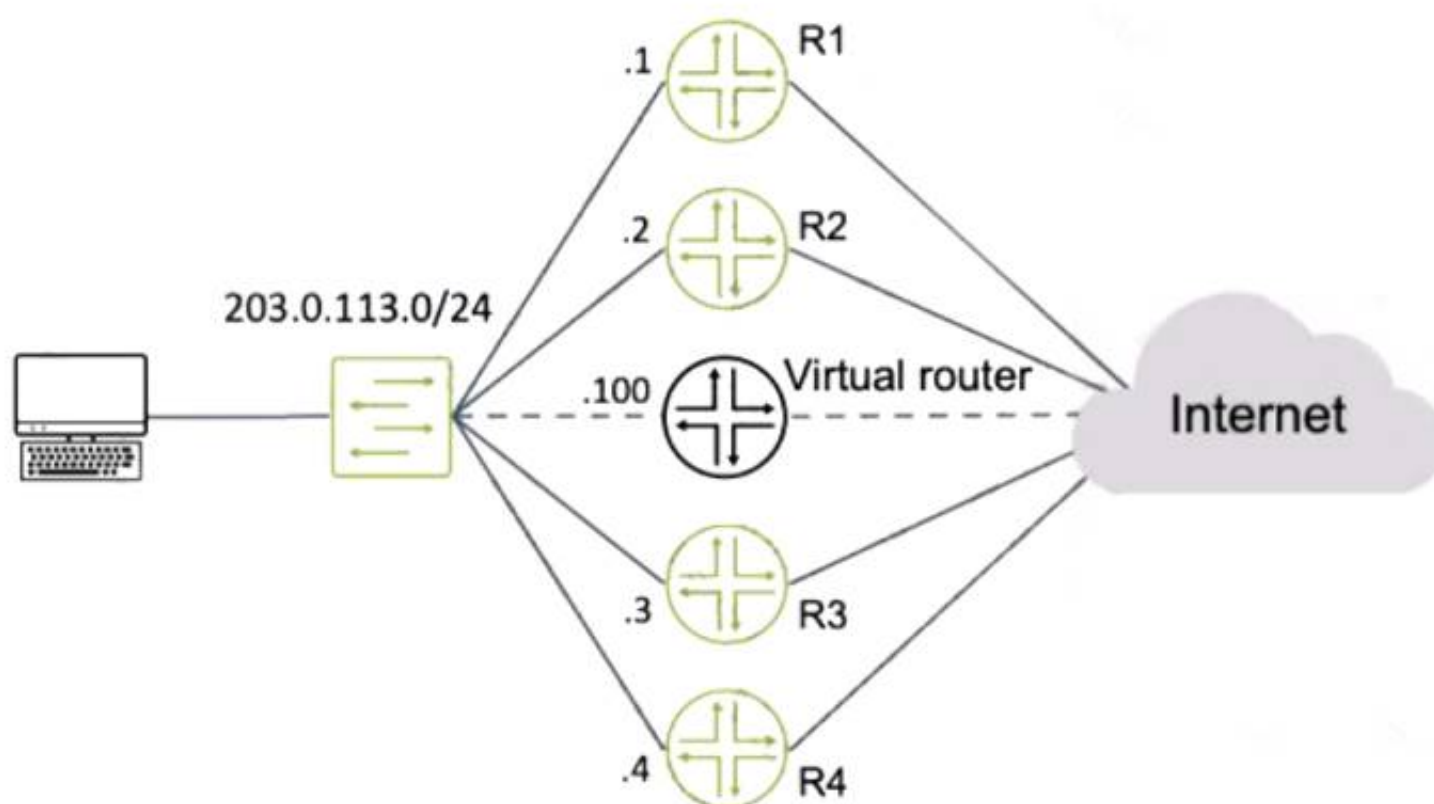
Exam Questions JN0-363

Service Provider Routing and Switching Specialist (JNCIS-SP)



NEW QUESTION 1

Exhibit



Routers R1 and R4 have a VRRP priority of 90, while R2 and R3 have default VRRP priorities. Referring to the exhibit, which router will be elected as the primary VRRP router?

- A. R3
- B. R4
- C. R2
- D. R1

Answer: D

NEW QUESTION 2

What are two types of SIDs used in segment routing? (Choose two.)

- A. node
- B. adjacency
- C. link
- D. interface

Answer: AB

NEW QUESTION 3

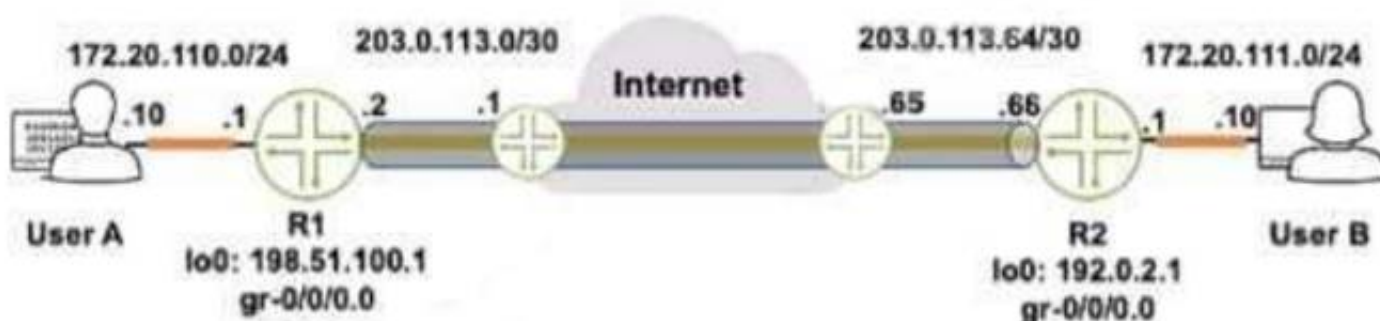
What are three well-known mandatory BGP attributes? (Choose three.)

- A. next hop
- B. origin
- C. community
- D. MED
- E. AS path

Answer: ABE

NEW QUESTION 4

Exhibit



Referring to the exhibit, how do you verify the status of the tunnel from R1?

- A. Issue the ping 172.20.111.10 source 172.20.110.1 command.
- B. Issue the ping 172.20.111.10 source 198.51.100.1 command.
- C. Issue the ping 172.20.111.10 source 203.0.113.2 command.
- D. Issue the ping 172.20.111.10 source 192.0.2.1 command.

E. 10 command.

Answer: C

NEW QUESTION 5

Which statement is correct about the FE80::/10 prefix?

- A. This prefix range is used for the link local address.
- B. This prefix range is used on the loopback interface.
- C. This prefix range is reserved for multicast applications
- D. This prefix range is not reserved.

Answer: A

NEW QUESTION 6

You have created a routing instance named vr3 that will provide access to Server 2 (10.0.0.2) (or the hosts on the 10.10.10.0/24 network. Which command would you use to test connectivity between vr3 and Server 2?

- A. user@vr3> ping 10.0.0.2 count 5
- B. user@vr3> ping 10.0.0.2 count 5 source 10.10.10.1
- C. user@router1> ping 10.0.0.2 count 5
- D. user@router1> ping 10.0.0.2 routing-instance vr3 count 5

Answer: C

NEW QUESTION 7

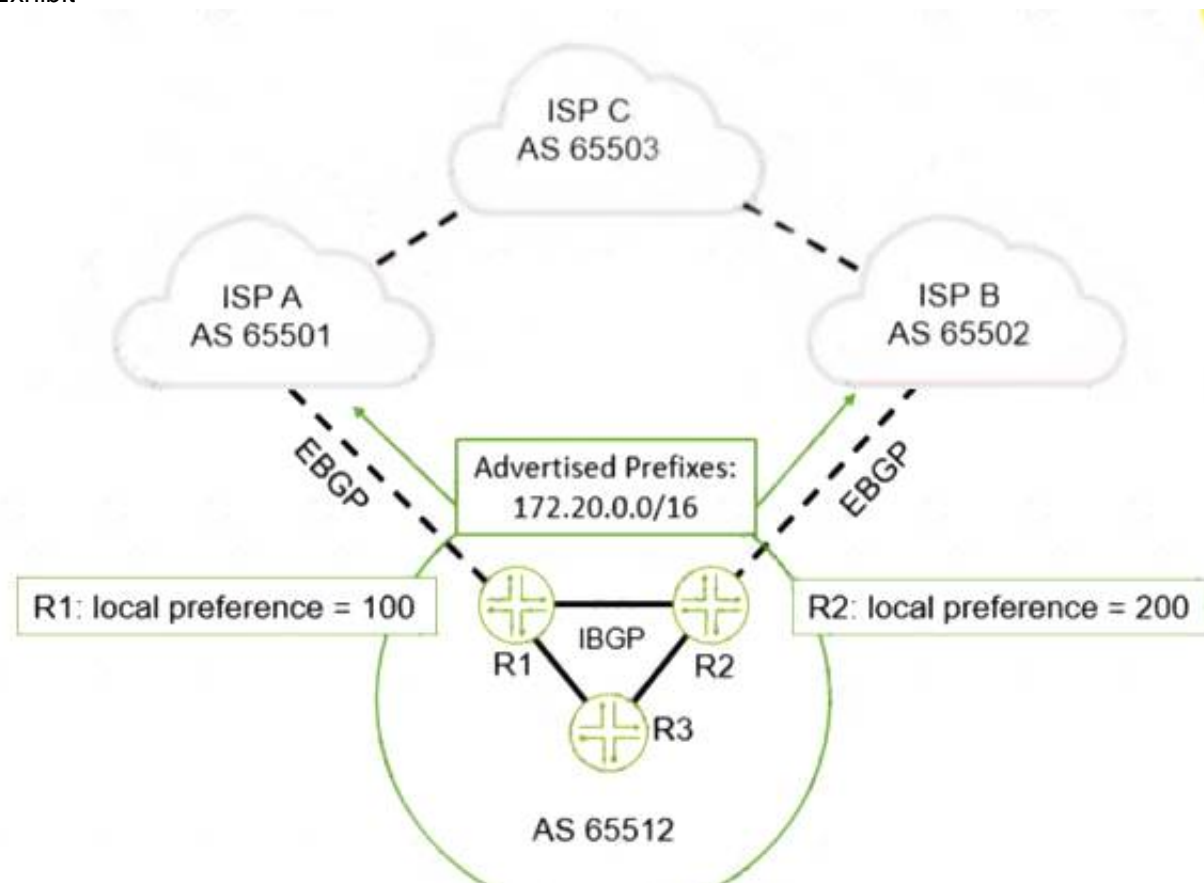
How does a Junos device learn about MAC addresses when it is first connected to an Ethernet LAN?

- A. The device sends out a network broadcast message asking for all devices and MAC addresses on the network and stores this information in addition to the interface from which the response was received.
- B. The device learns the destination MAC addresses from traffic in the network and stores this MAC address in addition to the interface from which the traffic was received.
- C. The device learns the source MAC addresses from traffic in the network and stores this MAC address in addition to the interface from which the traffic was received.
- D. The device sends out a network multicast message asking for all devices and MAC addresses on the network and stores this information in addition to the interface from which the response was received.

Answer: D

NEW QUESTION 8

Exhibit



You are advertising a summary route that represents your local network (172.20.0.0/16) to both ISP A and ISP B. You want to influence all traffic sent to you from ISP C to go through R2.

How would you accomplish this task?

- A. On R1, prepend your AS number three times on the 172.20.0.0/16 route when advertising it to ISP 1.
- B. On R1, change the local preference value to 250.
- C. On R2, prepend your AS number three times on the 172.20.0.0/16 route when advertising it to ISP 2.
- D. On R2, change the local preference value to 50.

Answer: B

NEW QUESTION 9

Which two statements are correct about the BGP next-hop attribute value? (Choose two.)

- A. By default, the next-hop value is changed across IBGP links.
- B. By default, the next-hop value is changed across EBGP links.
- C. By default, the next-hop value is not changed across IBGP links.
- D. By default, the next-hop value is not changed across EBGP links.

Answer: A

NEW QUESTION 10

What are three types of MPLS routers? (Choose three.)

- A. transit routers
- B. peering routers
- C. egress routers
- D. aggregation routers
- E. ingress routers

Answer: ACE

NEW QUESTION 10

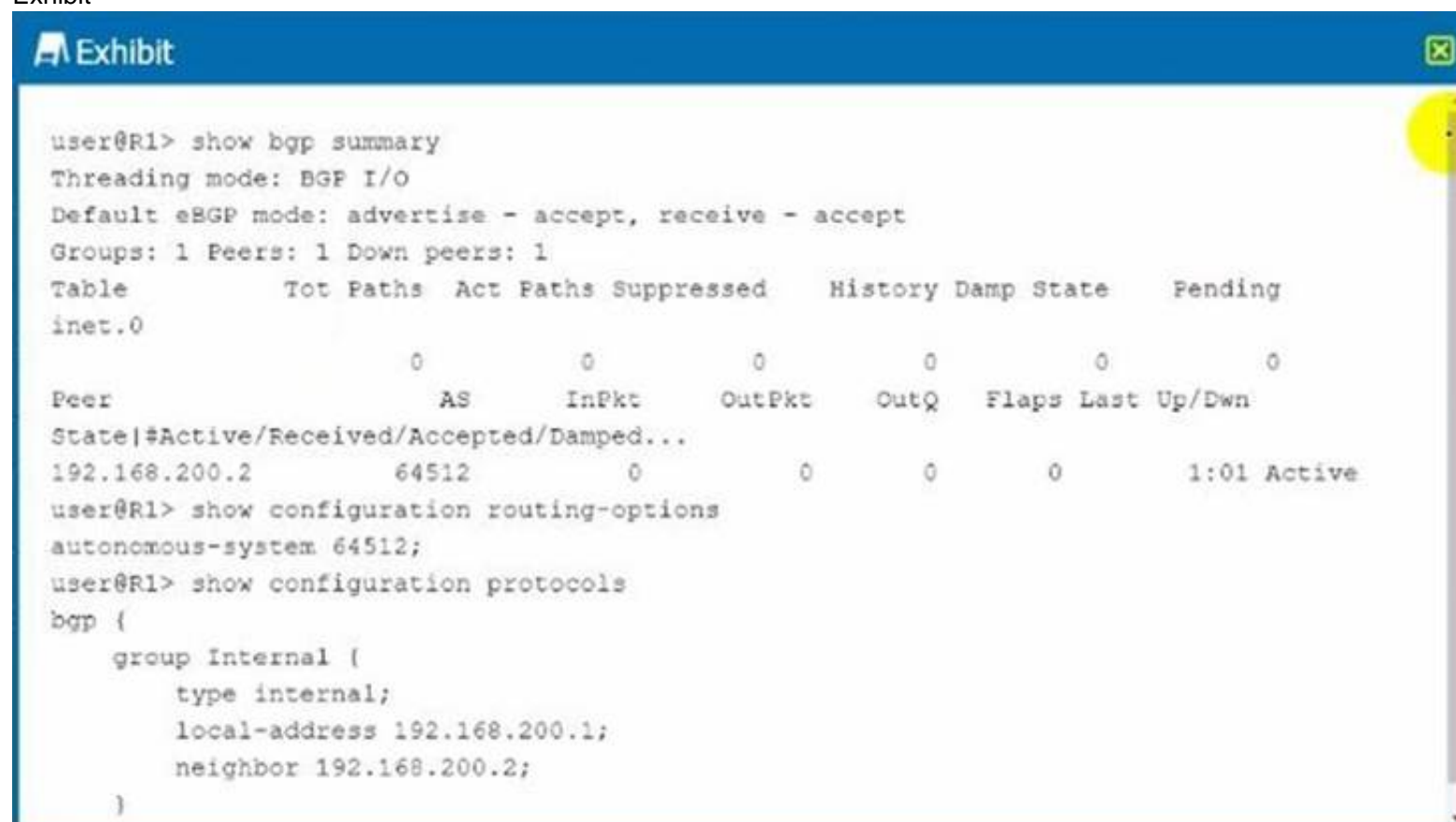
Which LSA type does an OSPF ABR use to advertise external routes generated by an NSSAASBR into the backbone?

- A. Type 5
- B. Type 7
- C. Type 3
- D. Type 1

Answer: C

NEW QUESTION 13

Exhibit



```

user@R1> show bgp summary
Threading mode: BGP I/O
Default eBGP mode: advertise - accept, receive - accept
Groups: 1 Peers: 1 Down peers: 1
Table          Tot Paths  Act Paths Suppressed    History Damp State   Pending
inet.0
              0          0          0          0          0          0          0
Peer           AS        InPkt   OutPkt   OutQ   Flaps  Last Up/Dwn
State|#Active/Received/Accepted/Damped...
192.168.200.2  64512         0         0         0         0      1:01 Active
user@R1> show configuration routing-options
autonomous-system 64512;
user@R1> show configuration protocols
bgp {
  group Internal {
    type internal;
    local-address 192.168.200.1;
    neighbor 192.168.200.2;
  }
}
  
```

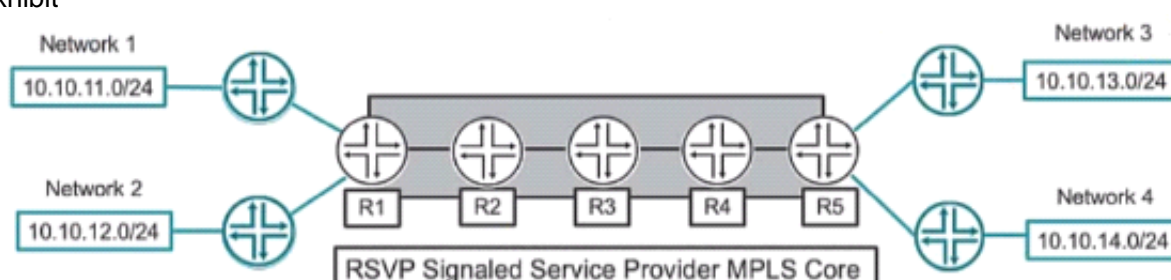
Referring to the exhibit, internal BGP between R1 and R2 is not establishing. What is the problem in this scenario?

- A. R1 does not have a route to 192.168.200.2.
- B. R1 and R2 must each have unique AS numbers.
- C. R1 needs to be configured with an explicit router ID.
- D. R1 needs to be configured with a next-hop self policy.

Answer: A

NEW QUESTION 14

Exhibit



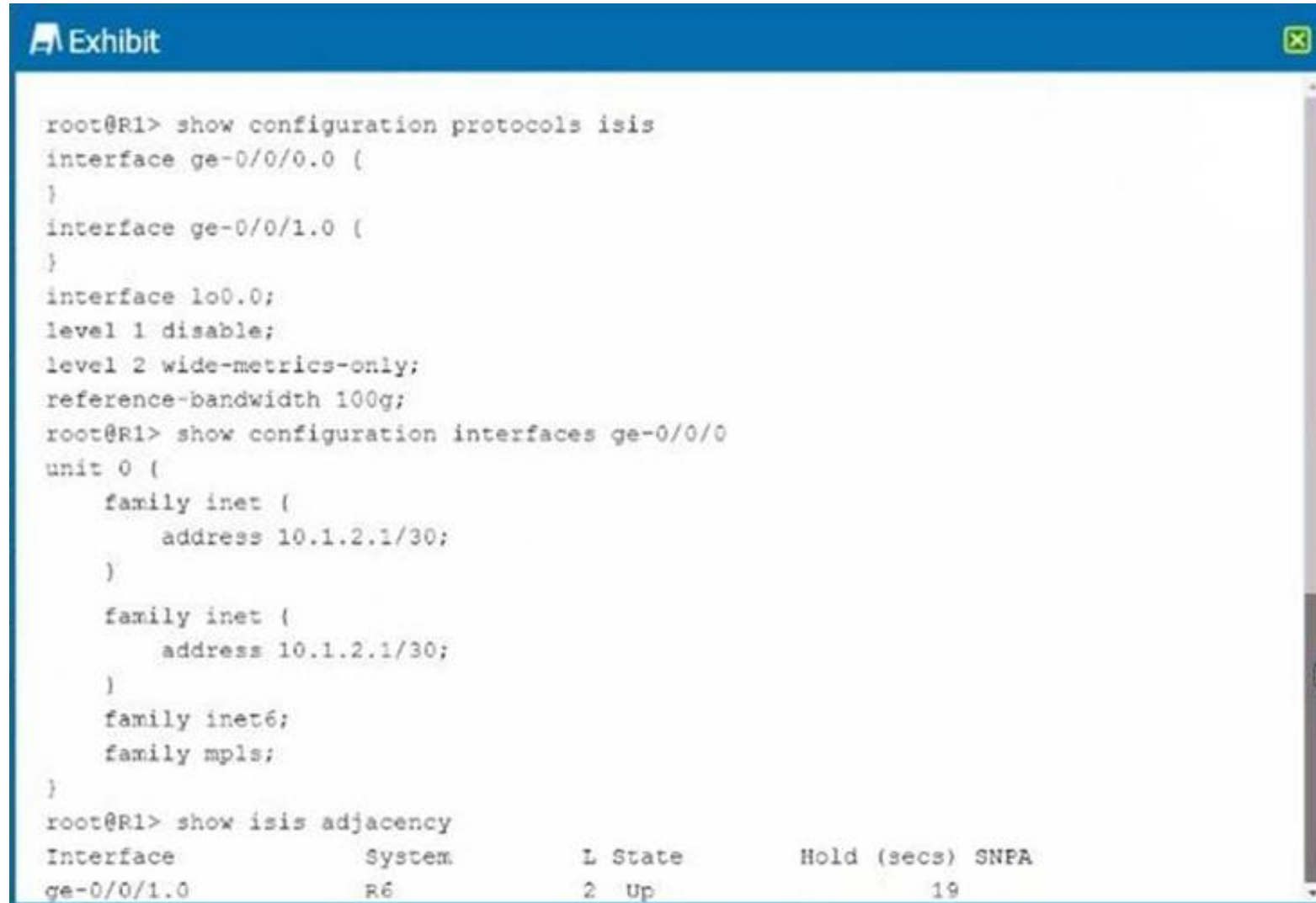
Referring to the exhibit, what is the minimum number of LSPs required to support all four networks?

- A. 1
- B. 2
- C. 8
- D. 4

Answer: C

NEW QUESTION 17

Exhibit



```

root@R1> show configuration protocols isis
interface ge-0/0/0.0 {
}
interface ge-0/0/1.0 {
}
interface lo0.0;
level 1 disable;
level 2 wide-metrics-only;
reference-bandwidth 100g;
root@R1> show configuration interfaces ge-0/0/0
unit 0 {
    family inet {
        address 10.1.2.1/30;
    }
    family inet {
        address 10.1.2.1/30;
    }
    family inet6;
    family mpls;
}
root@R1> show isis adjacency
Interface      System      L State      Hold (secs) SNPA
ge-0/0/1.0     R6          2 Up         19
  
```

You configured interface ge-0/070.0 to run IS-IS. but this interface does not appear in the output of the show isis adjacency command as shown in the exhibit. What is the problem in this scenario?

- A. This is a Gigabit Ethernet interface, that is incompatible with the reference-bandwidth 100g statement.
- B. The family iso statement must be added to the logical interface.
- C. The router at the other end of the link is not sending any IS-IS Hello messages.
- D. The router at the other end of the link is a Level 1 only router.

Answer: B

NEW QUESTION 22

You want to see a detailed list of all established BGP sessions. In this scenario, what would be a valid command to accomplish this task?

- A. show bgp neighbor
- B. show bgp summary
- C. show route receive-protocol bgp <neighbor IP address>
- D. show route protocol bgp

Answer: D

NEW QUESTION 24

You are bringing a new network online with three MX Series devices enabled for STP. No root bridge priority has been configured. Which statement is true in this scenario?

- A. The device with the lowest MAC address will be elected as the root bridge.
- B. The device with the highest MAC address will be elected as the root bridge.
- C. The device with the lowest numerical lo0 IP address will be elected as the root bridge.
- D. The device with the highest numerical lo0 IP address will be elected as The bridge.

Answer: A

NEW QUESTION 29

Exhibit


```

[edit routing-options]
user@R1# show
static {
    defaults {
        preference 20;
    }
    route 0.0.0.0/0 {
        next-hop 172.24.0.1;
        preference 5;
    }
    route 172.24.0.0/24 next-hop [ 172.24.0.100 172.24.0.101 ];
forwarding-table {
    export lbpp;
}
[edit]
user@R1# show policy-options policy-statement lbpp
term 1 {
    then {
        load-balance per-packet;
    }
}

```

Which type of load balancing is shown in the exhibit?

- A. elastic load balancing
- B. per-packet load balancing
- C. per-flow load balancing
- D. network load balancing

Answer: D

NEW QUESTION 31

Which statement is correct about IS-IS?

- A. IS-IS is a distance vector routing protocol.
- B. IS-IS is a path vector routing protocol.
- C. IS-IS is a link-state routing protocol.
- D. IS-IS is a classful routing protocol.

Answer: C

NEW QUESTION 35

Exhibit.

```

[edit routing-options]
user@router# show
aggregate {
    route 172.21.0.0/22;
}

[edit routing-options]
user@router# run show route protocol aggregate

inet.0: 21 destinations, 21 routes (20 active, 0 holddown, 1 hidden)
inet6.0: 10 destinations, 10 routes (10 active, 0 holddown, 0 hidden)

[edit routing-options]
user@router# run show route hidden

inet.0: 21 destinations, 21 routes (20 active, 0 holddown, 1 hidden)
+ = Active Route, - = Last Active, * = Both

172.21.0.0/22    [Aggregate] 00:12:09
                Reject

inet6.0: 10 destinations, 10 routes (10 active, 0 holddown, 0 hidden)

```

Referring to the exhibit, you have configured an aggregate route that represents the 172.21.0.0/24, 172.21.1.0/24, and 172.21.2.0/24 networks. However, when you view the routing table, your new route hidden.

Which action would you perform to determine the problem?

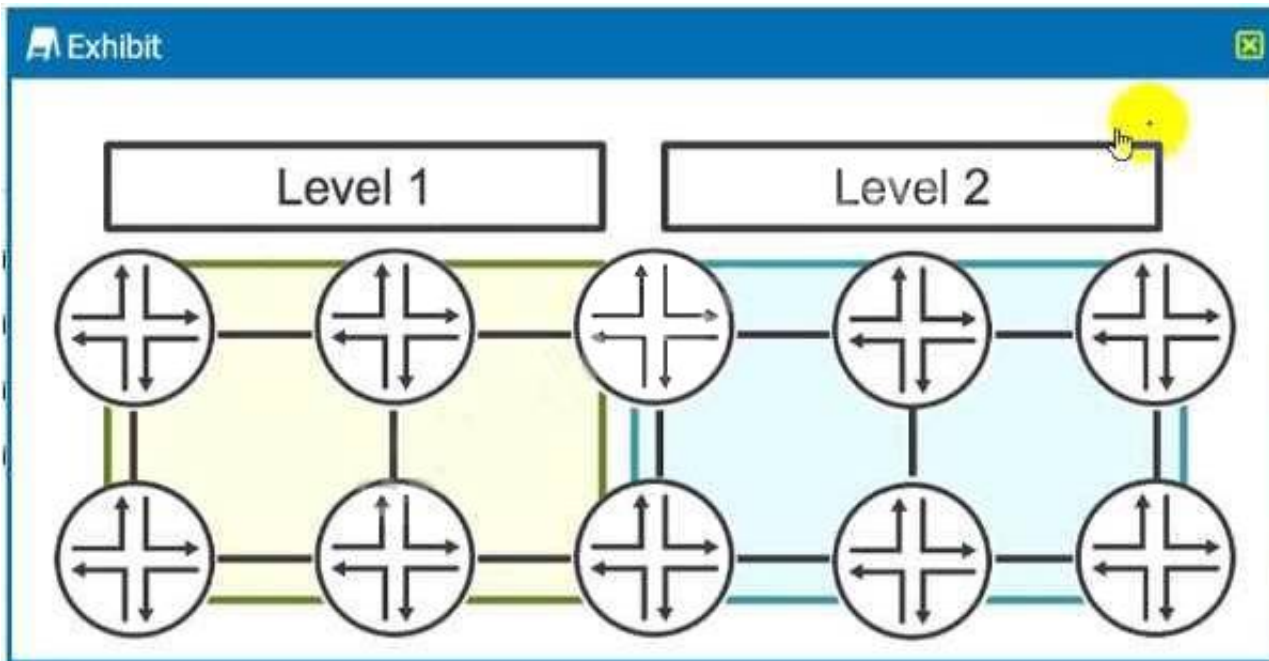
- A. Verify that you have active contributing routes on the device.
- B. Verify that you have configured a policy on the device to accept aggregate routes.
- C. Verify that you have defined a metric value for the aggregate route.

D. Verify that you have set the preference to a lower default value.

Answer: D

NEW QUESTION 39

Exhibit



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

- A. Prefixes in Level 1 will be redistributed to Level 2.
- B. Prefixes In Level 2 will be not redistributed to Level 1.
- C. Prefixes in Level 2 will be redistributed to Level 1.
- D. Prefixes in Level 1 will not be redistributed to Level 2.

Answer: C

NEW QUESTION 41

Exhibit

```
user@router-re0> show system s?
```

Possible completions:

services	Show service applications information
snapshot	Show snapshot information
software	Show loaded JUNOS extensions
statistics	Show statistics for protocol
storage	Show local storage data

You have configured graceful RE switchover (GRES), however you cannot complete the show system switchover command.

Referring to the exhibit, what is the problem?

- A. The command is only available if non-stop routing is enabled.
- B. The command is only available on the backup Routing Engine.
- C. The command is only available if a backup router is configured.
- D. The command is only available if graceful restart is enabled.

Answer: B

NEW QUESTION 46

What are two bridging concepts that are used to maintain an Ethernet switching table? (Choose two.)

- A. learning
- B. exporting
- C. aging
- D. timing

Answer: A

NEW QUESTION 51

Which statement describes integrated routing and bridging (IRB) interfaces?

- A. An IRB interface is an IP gateway for hosts of a bridge domain.
- B. An IRB interface assigns interfaces to VLANs.
- C. An IRB interface enables Layer 2 switching on the router.
- D. An IRB interface defines a bridge domain.

Answer: C

NEW QUESTION 54

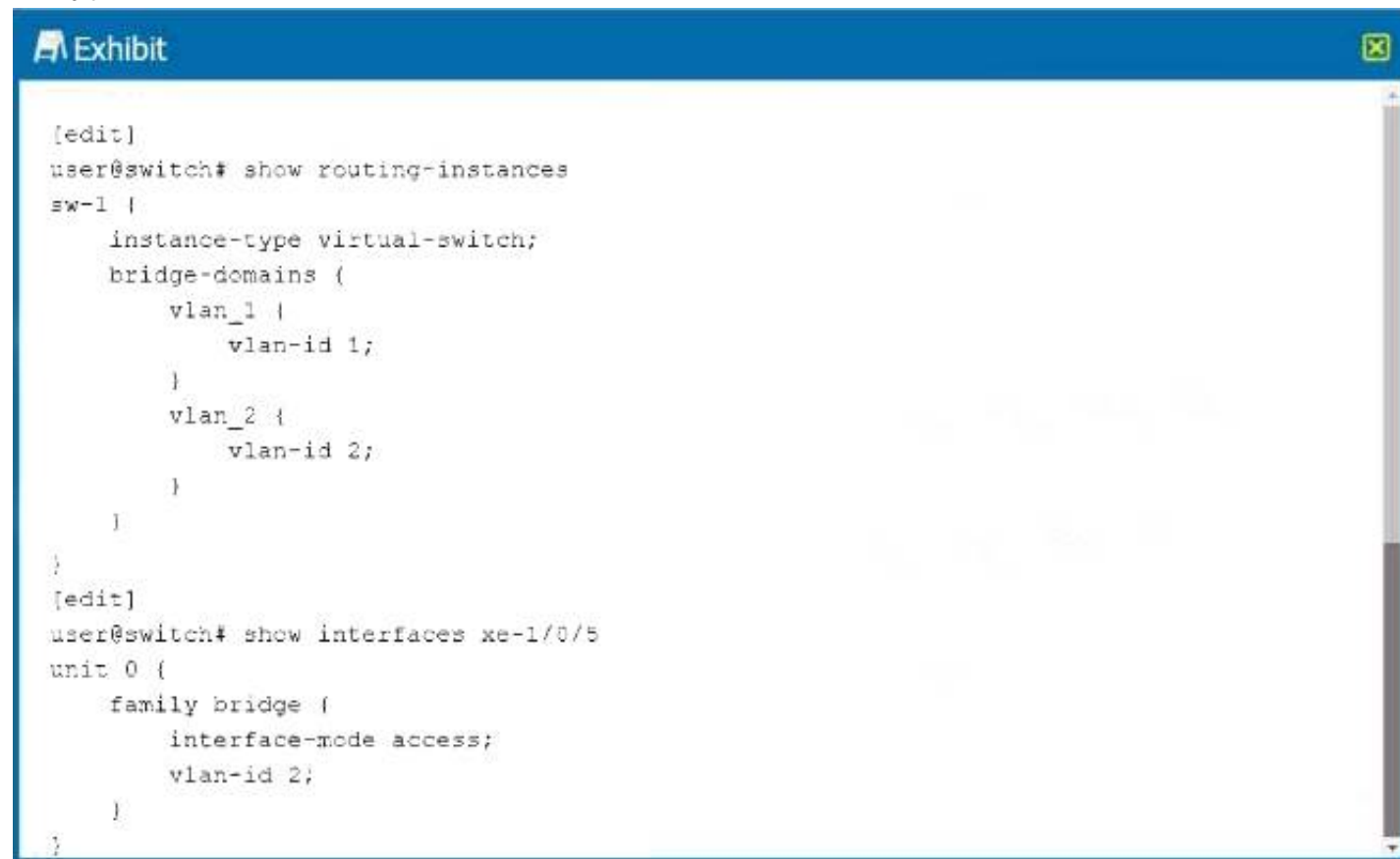
Which new field is added to an IPv6 header as compared to IPv4?

- A. version
- B. checksum
- C. fragment offset
- D. flow label

Answer: D

NEW QUESTION 56

Exhibit



```
[edit]
user@switch# show routing-instances
sw-1 {
    instance-type virtual-switch;
    bridge-domains {
        vlan_1 {
            vlan-id 1;
        }
        vlan_2 {
            vlan-id 2;
        }
    }
}
[edit]
user@switch# show interfaces xe-1/0/5
unit 0 {
    family bridge {
        interface-mode access;
        vlan-id 2;
    }
}
```

You are asked to assign interface xe-1/0/5 to a virtual switch. What must be accomplished to complete the configuration?

- A. Interface xe-1/0/5 must be added to routing-instance sw-1 vlan_2.
- B. Interface xe-1/0/5 must be a trunk port.
- C. Interface xe-1/0/5 must be added to routing-instance sw-1.
- D. An IRB interface must be configured to routing-instance sw-1 vlan_2.

Answer: C

NEW QUESTION 61

You are asked to create connections between routing instances on the same Junos device and route between the connected Instances. What are two ways to accomplish this task? (Choose two.)

- A. Use physical interfaces.
- B. Use an IRB interface.
- C. Use logical tunnel interfaces.
- D. Use loopback interfaces.

Answer: AB

NEW QUESTION 66

Interface ge-0/0/0.0 connects your network to your ISP. You want to advertise this interface address as an Internal route in OSPF without creating a neighbor with your ISP.

In this scenario, how is this task accomplished?

- A. Remove interface ge-0/0/0.0 from OSPF.
- B. Create a generated route for Interface ge-0/0/0.0.
- C. Add ge-0/0/0.0 as a passive interface in OSPF.
- D. Configure a static route for Interface ge-0/0/0.0.

Answer: D

NEW QUESTION 70

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