

# Juniper

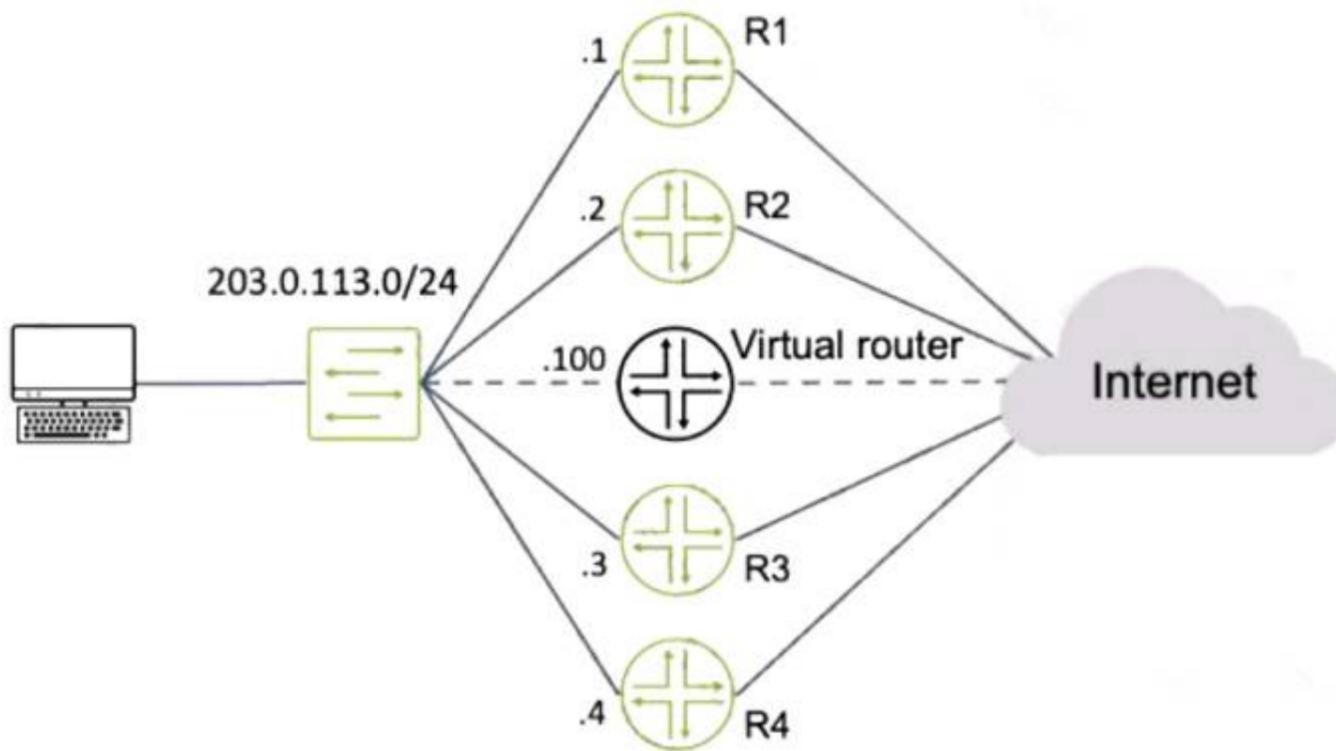
## Exam Questions JN0-363

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**

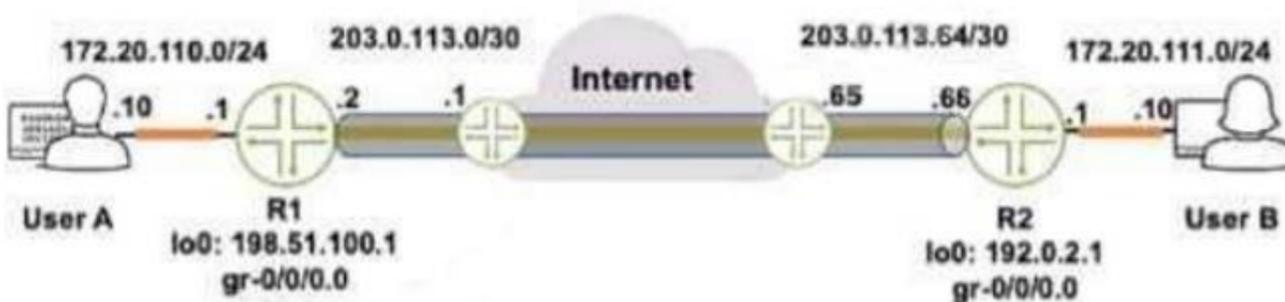
What are three well-known mandatory BGP attributes? (Choose three.)

- 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.iii.io source 203.0.113.2 command.
- D. Issue the ping 172.20. ii

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**

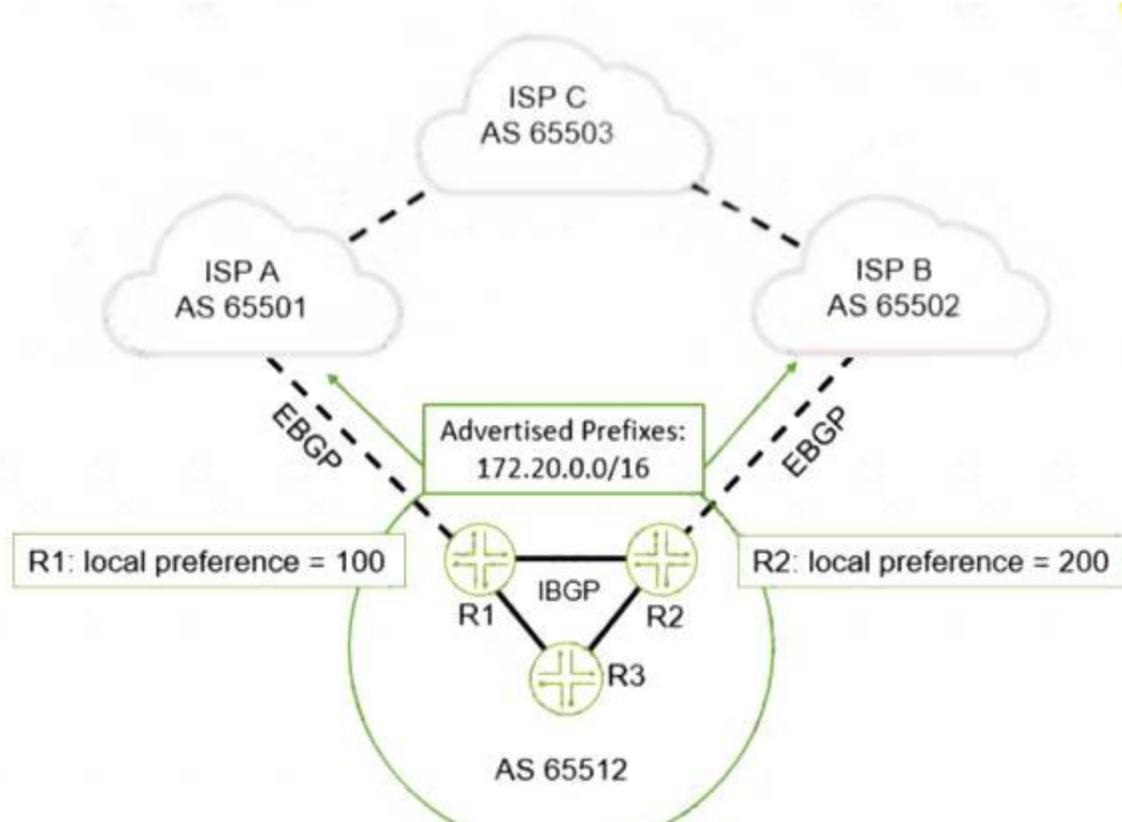
How does a Junos device learn about MAC addresses when it is first connected to an Ethernet LAN?

- 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 ISPA and AS 65502. You want to influence all traffic sent to you from ASC 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 ISPA.
- 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 AS 65502.
- 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

```

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
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;
  }
}
    
```

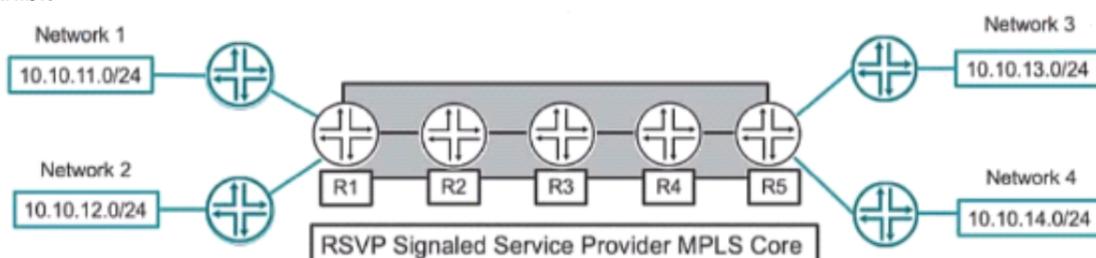
Referring to the exhibit, internal BGP between R1 and R2 is not establishing. What is the problem in this scenario?

- 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

```

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-0/0/1.0 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 is hidden.

Which action would you perform to determine the problem?

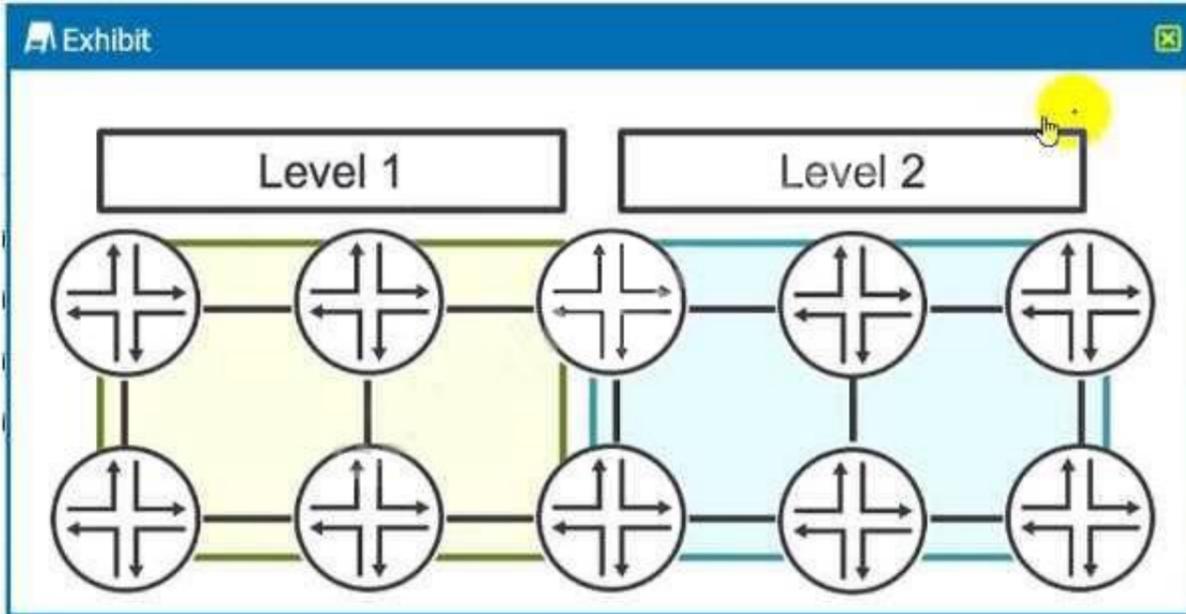
- A. Verify that you have active contributing routes on the device.
- B. Verify that you have configured a policy on the device to accept aggregate routes.
- C. Verify that you have defined a metric value for the aggregate route.

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**

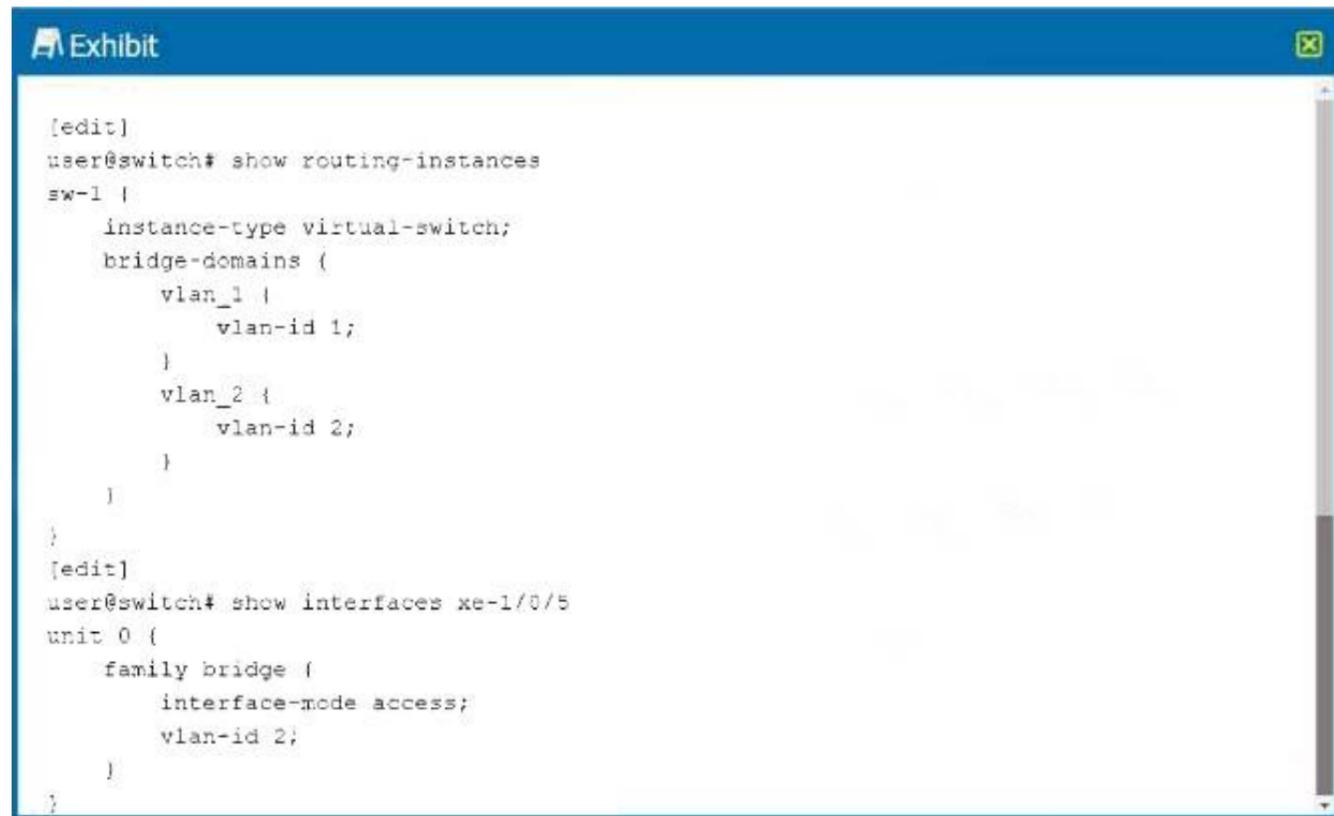
Which new field is added to an IPv6 header as compared to IPv4?

- 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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