



**Juniper**

## **Exam Questions JN0-363**

Service Provider Routing and Switching Specialist (JNCIS-SP)

#### NEW QUESTION 1

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 2

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 3

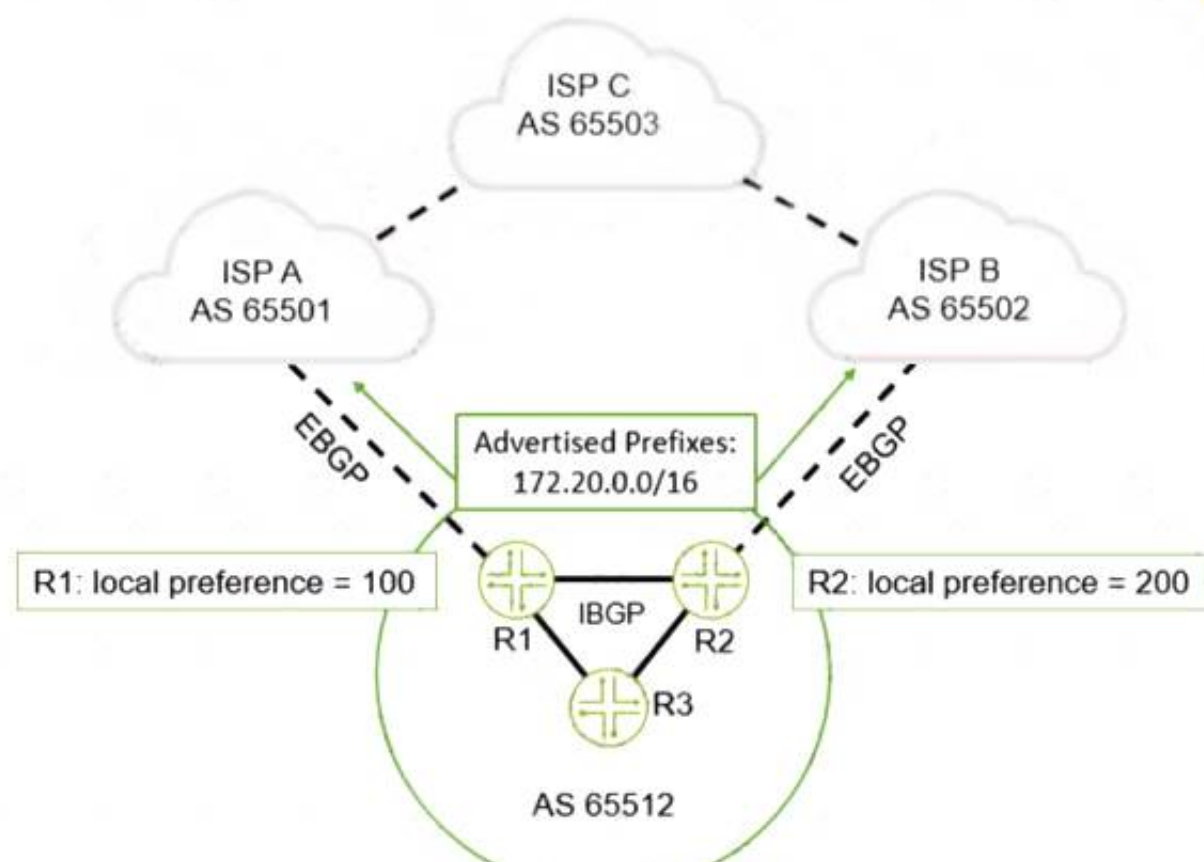
How does a Junos device learn about MAC addresses when it is first connected to an Ethernet LAN?

- 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 4

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 5

Exhibit

```
[edit]
user@router# show interfaces ge-0/0/0
unit 0 {
    family bridge {
        interface-mode trunk;
        vlan-id-list 101-120;
    }
}
[edit]
user@router# show interfaces ge-0/0/1
flexible-vlan-tagging;
unit 0 {
    vlan-id 200;
    family bridge {
        interface-mode trunk;
        inner-vlan-id-list 101-120;
    }
    ...
}
[edit]
user@router# show bridge-domains
...
[edit]
user@router# show bridge-domains
bd {
    vlan-id-list 101-120;
}
```

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

- A. Traffic ingressing ge-0/0/0 that is tagged with VLAN 101 will egress ge-0/0/1 unchanged.
- B. Traffic ingressing ge-0/0/0 that is tagged with VLAN 100 will be dropped.
- C. Traffic ingressing ge-0/0/0 that is tagged with VLAN 200 will egress ge-0/0/1 with an outer VLAN tag of 200.
- D. Traffic ingressing ge-0/0/0 that is tagged with VLAN 101 will egress ge-0/0/1 with an outer VLAN tag of 200.

**Answer:** AB

#### NEW QUESTION 6

Exhibit

```
user@R2> show ospf interface extensive
Interface State Area DR ID BDR ID Nbrs
ge-0/0/3.0 DR 0.0.0.1 192.168.1.2 192.168.1.1 1 Type: LAN, Address: 172.26.1.2, Mask:
255.255.255.252, MTU: 1500, Cost: 1
DR addr: 172.26.1.2, BDR addr: 172.26.1.1, Priority: 128, Adj count: 1
Hello: 10, Dead: 40, ReXmit: 5, Not Stub
Auth type: None Topology default (ID 0) -> Cost: 0
ge-0/0/1.0 BDR 0.0.0.0 192.168.1.3 192.168.1.2 1
Type: LAN, Address: 172.26.2.1, Mask: 255.255.255.252, MTU: 1500, Cost: 1
DR addr: 172.26.2.2, BDR addr: 172.26.2.1, Priority: 128, Adj count: 1 Hello: 10,
Dead: 40, ReXmit: 5, Not Stub
Auth type: None
Topology default (ID 0) -> Cost: 0
```

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

- A. The OSPF Interfaces are configured as point-to-point.
- B. The ge-0/0/1.0 Interface is configured as passive.
- C. The R2 device is an ABR.
- D. Junos OS default OSPF hello timers and dead intervals are used on all interfaces.

**Answer:** BD

#### NEW QUESTION 7

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 8

Exhibit

```

user@R1> show configuration protocols mpls
label-switched-path R1_TO_R5 {
    to 192.168.1.5;
    no-cspf;
}
interface ge-0/0/0.0;
interface ge-0/0/1.0;
  
```

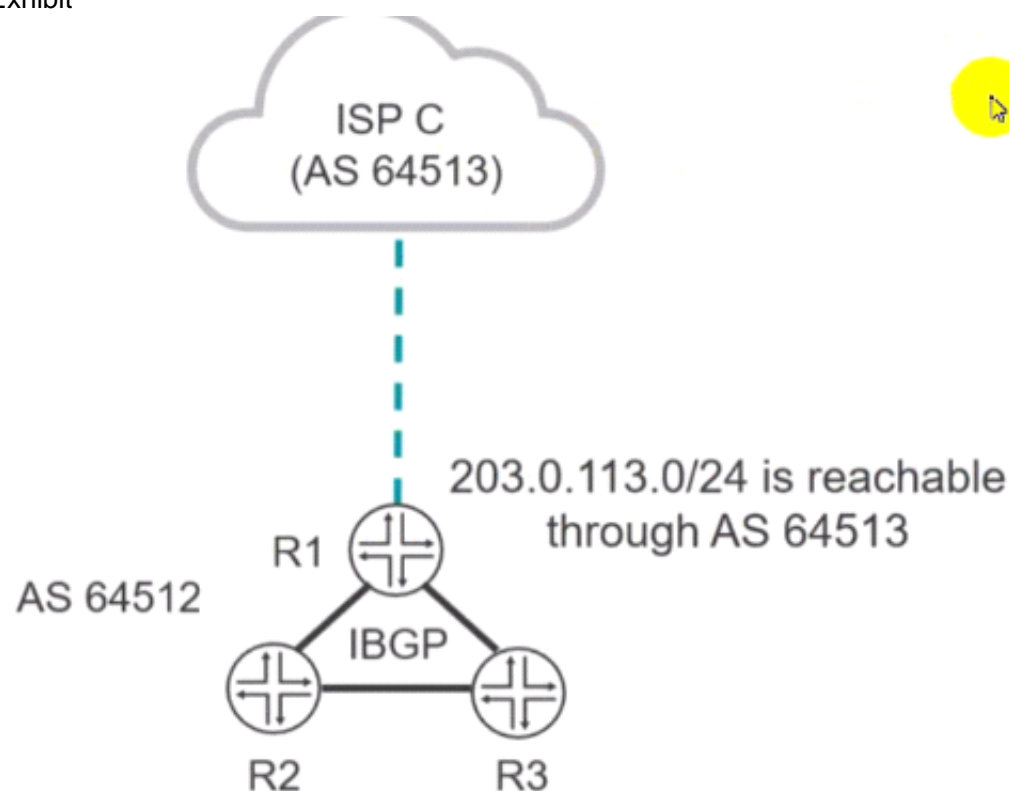
You have an established LSP between your R1 and R5 devices using the configuration shown in the exhibit. You are asked to ensure that MPLS labels are used to forward traffic by all devices within the LSP. Which action will accomplish this behavior?

- A. Configure the ultimate-hop-popping statement under the R1\_TO\_R5 label switched path on R1.
- B. Configure the explicit-null statement under the protocol mpls hierarchy on R1.
- C. Delete the no-cspf statement under the R1\_TO\_R5 label switched path on R1.
- D. Configure the install statement under the R1\_TO\_R5 label switched path on R1.

**Answer: D**

## NEW QUESTION 9

Exhibit



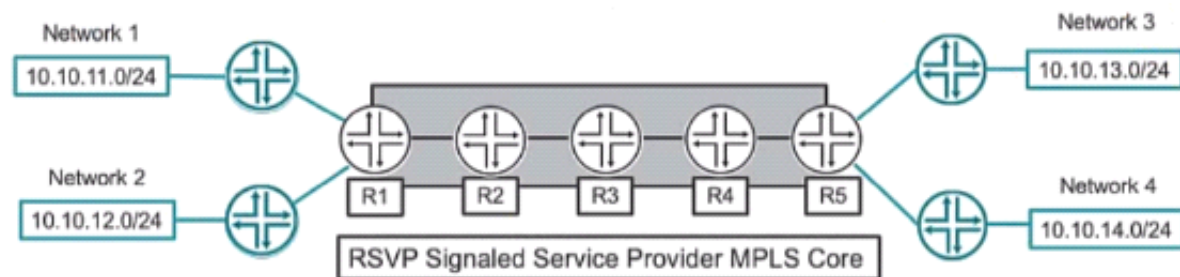
You confirm that the R2 and R3 routers are receiving a BGP route to the 203.0.113.0/24 network, but both routers display the route as hidden. Referring to the exhibit, which two actions solve this problem? (Choose two.)

- A. Apply the routing policy on R1 as an export policy to the IBGP group.
- B. Apply the routing policy on R1 as an Import policy to the IBGP group.
- C. Configure a routing policy on R1 that sets the next hop for the 203.0.113.0/24 BGP route to the IP address that R1 uses for IBGP peering.
- D. Configure a routing policy on R1 that sets the next hop for the 203.0.113.0/24 BGP route to the IP address that R1 uses for EBGP peering.

**Answer: CD**

## NEW QUESTION 10

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 10

Exhibit

```
[edit]
user@router# set routing-options nonstop-routing
[edit]
user@router#
```

Referring to the exhibit, which two additional steps should you take to fully configure NSR? (Choose two.)

- A. You should configure the max period for NSR precision timers.
- B. You must configure GRES.
- C. You must configure graceful restart.
- D. You should configure commit synchronization.

**Answer: AB**

#### NEW QUESTION 15

Which configuration setting prohibits a static route from being redistributed by a dynamic routing protocol?

- A. route-filter
- B. no-readvertise
- C. qualified-next-hop
- D. passive

**Answer: B**

#### NEW QUESTION 16

An OSPF router does not have a router ID configured.

In this scenario, which statement is correct about the router ID?

- A. The Junos OS will use the IP address assigned to the interface with the lowest MAC address.
- B. A router ID will not be assigned until it is manually configured.
- C. The Junos OS will use the IP address assigned to the loopback interface for the router ID.
- D. The Junos OS will use the IP address assigned to the Interface with the highest priority.

**Answer: B**

#### NEW QUESTION 20

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 25

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 28

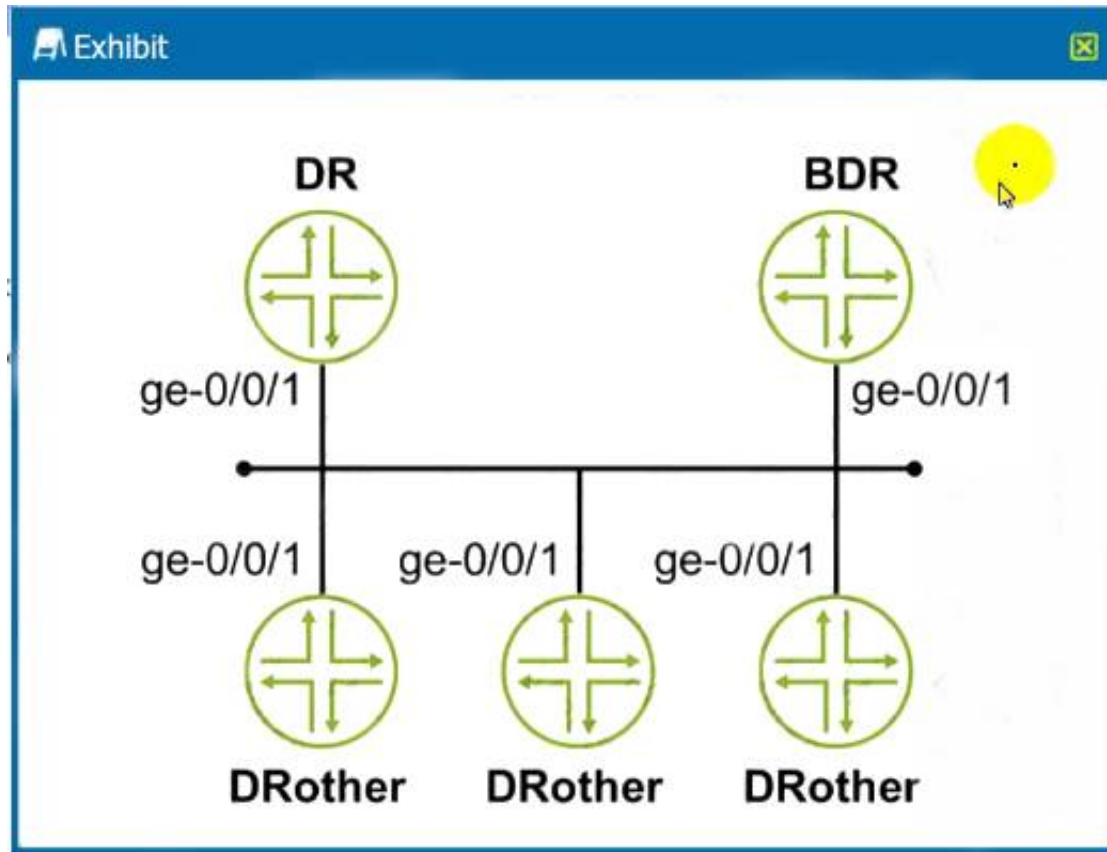
Which BGP attribute is used to detect routing loops?

- A. AS path
- B. MED
- C. local preference
- D. next hop

Answer: A

#### NEW QUESTION 29

Exhibit



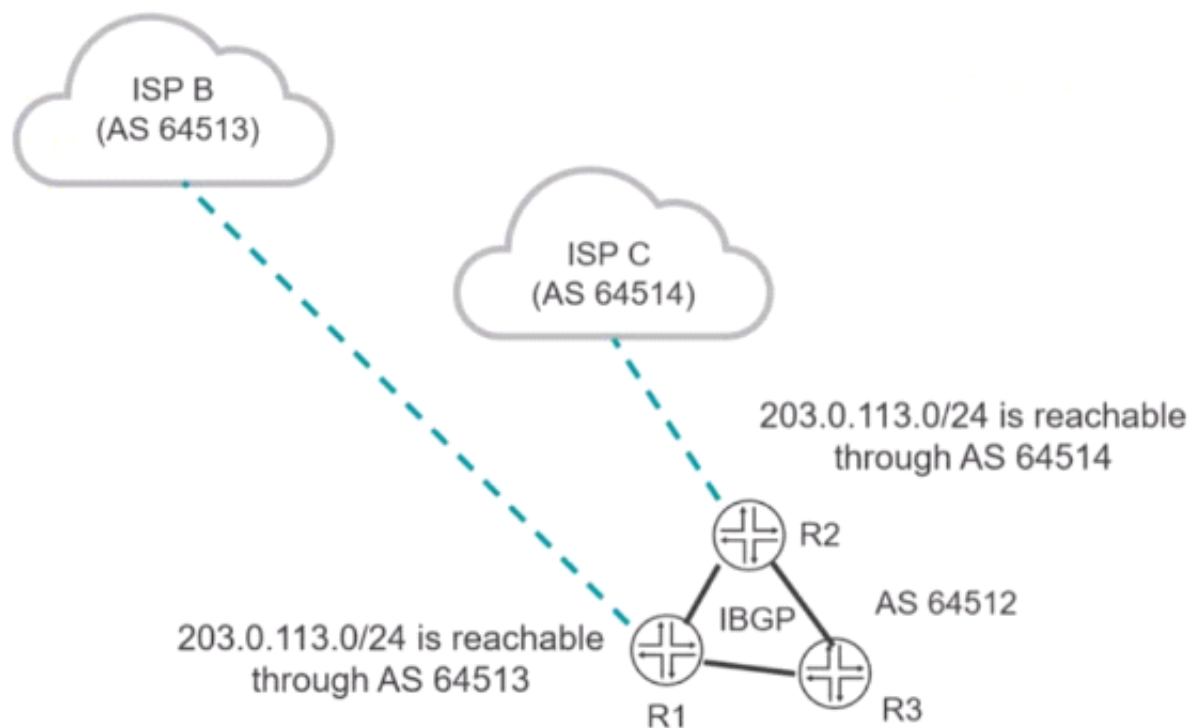
You are asked to configure the OSPF environment to prevent the DRoother routers from participating in DR/BDR election. Referring to the exhibit, which command will accomplish this task?

- A. set protocols ospf area 0.0.0.0 interface ge-0/0/1 priority 255
- B. set protocols ospf area 0.0.0.0 interface ge-0/0/1 priority 0
- C. set protocols ospf area 0.0.0.0 interface ge-0/0/1 interface-type nbma
- D. set protocols ospf area 0.0.0.0 interface ge-0/0/1 interface-type p2p

Answer: A

#### NEW QUESTION 32

Exhibit



You want the R1 and R3 routers to forward traffic destined to the 203.0.113.0/24 network through R2. Which BGP attribute would you modify to satisfy this requirement?

- A. community
- B. origin
- C. MED
- D. local preference

Answer: C

#### NEW QUESTION 35

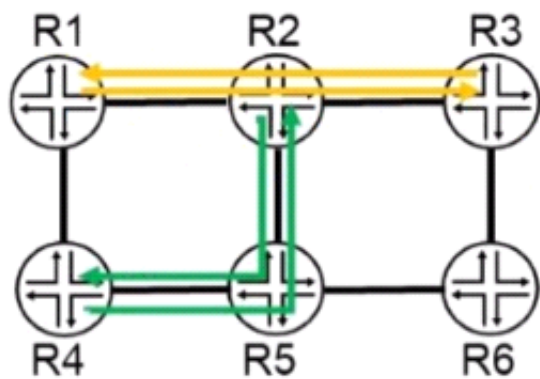
You want to enable a routing platform with redundant REs to switch from a primary RE to a backup RE without alerting peer nodes. Which two technologies would you use to satisfy this requirement? (Choose two.)

- A. GRES
- B. VRRP
- C. NSR
- D. ISSU

Answer: BC

#### NEW QUESTION 38

Exhibit



- RVSP LSP with 300 Mbps reserved
- RVSP LSP with 700 Mbps reserved

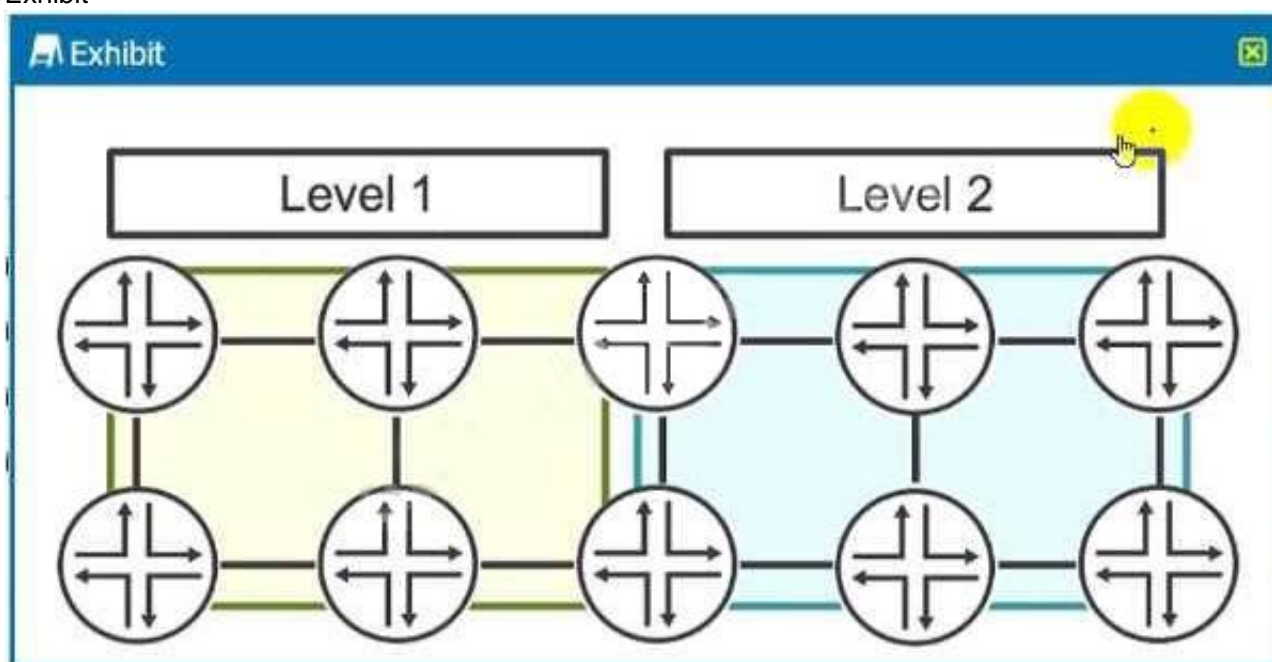
The exhibit shows a topology with 1 Gbps interfaces between routers, and four RSVP LSPs operating with the respective bandwidth reservations. Which path will be selected for a new LSP from R4 to R6 with a bandwidth reservation of 400 Mbps?

- A. R4 -> R1 -> R2 -> R5 -> R6
- B. R4 -> R5 -> R6
- C. R4 -> R5 -> R2 -> R3 -> R6
- D. R4 -> R1 -> R2 -> R3 -> R6

Answer: A

#### NEW QUESTION 43

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 48

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 52

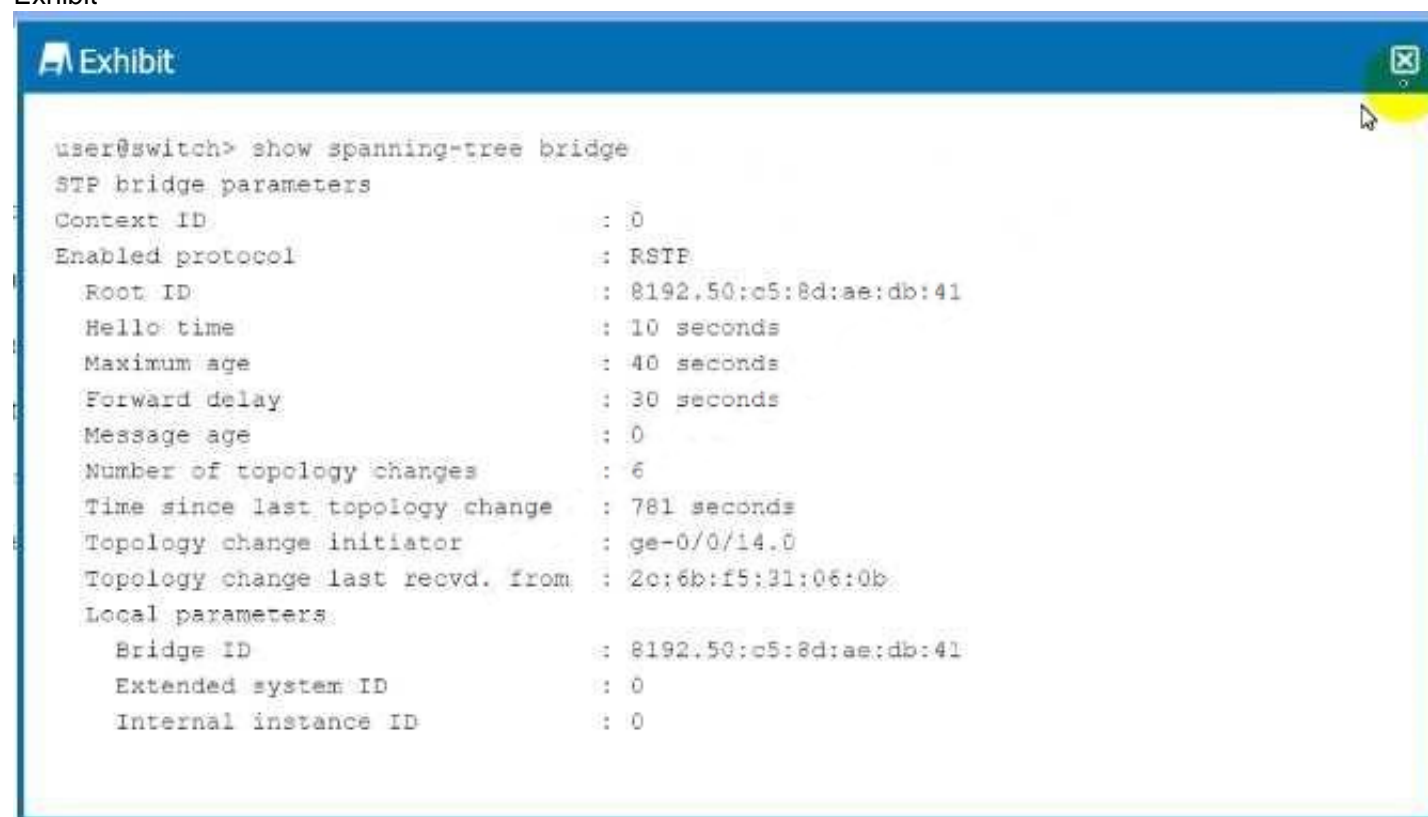
Which two statements are correct about IS-IS? (Choose two.)

- A. A level 1 only router can never form an adjacency with a level 2 only router.
- B. For level 2 adjacencies, the area IDs can be different.
- C. For level 2 adjacencies, the area IDs must be the same.
- D. A level 1 only router can form an adjacency with a level 2 only router.

**Answer: CD**

#### NEW QUESTION 56

Exhibit



Which two statements are correct about the information shown in the exhibit? (Choose two.)

- A. The root bridge is reachable using the ge-0/0/14 interface.
- B. This switch is the root bridge for this spanning tree topology.
- C. This switch has a bridge priority of 8k.
- D. The root bridge's priority is 4k.

**Answer: BD**

#### NEW QUESTION 60

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 64

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 68

Exhibit

```
[edit]
user@switch# show interfaces ge-0/0/1
native-vlan-id 20;
unit 0 {
    family ethernet-switching {
        interface-mode trunk;
        vlan {
            members [ 10 20 ];
        }
    }
}
```

Referring to the exhibit, what will happen to untagged frames?

- A. The untagged frames are dropped.
- B. The untagged frames are load balanced between VLAN 10 and VLAN 20.
- C. The untagged frames are associated with VLAN 10.
- D. The untagged frames are associated with VLAN 20.

**Answer:** A

#### NEW QUESTION 70

You are deploying link aggregation groups.

- A. By default, what are two considerations in this scenario? (Choose two.)
- B. There should only be four member links per LAG.
- C. All the ports must have the same speed.
- D. Member links are required to be contiguous ports.
- E. Member links can reside on different members within an MC-LAG.

**Answer:** BD

#### NEW QUESTION 75

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