

# Juniper

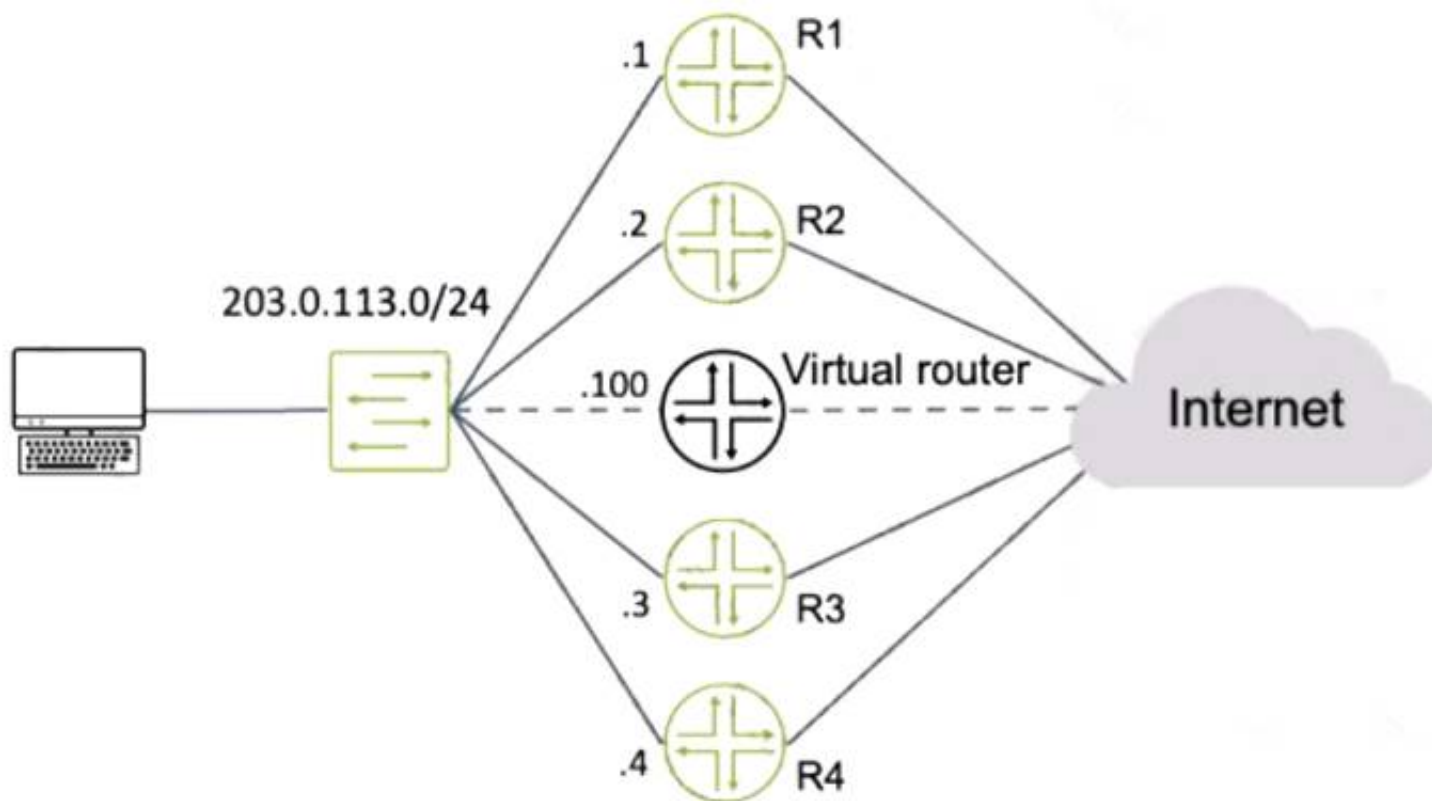
## Exam Questions JN0-363

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

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 4

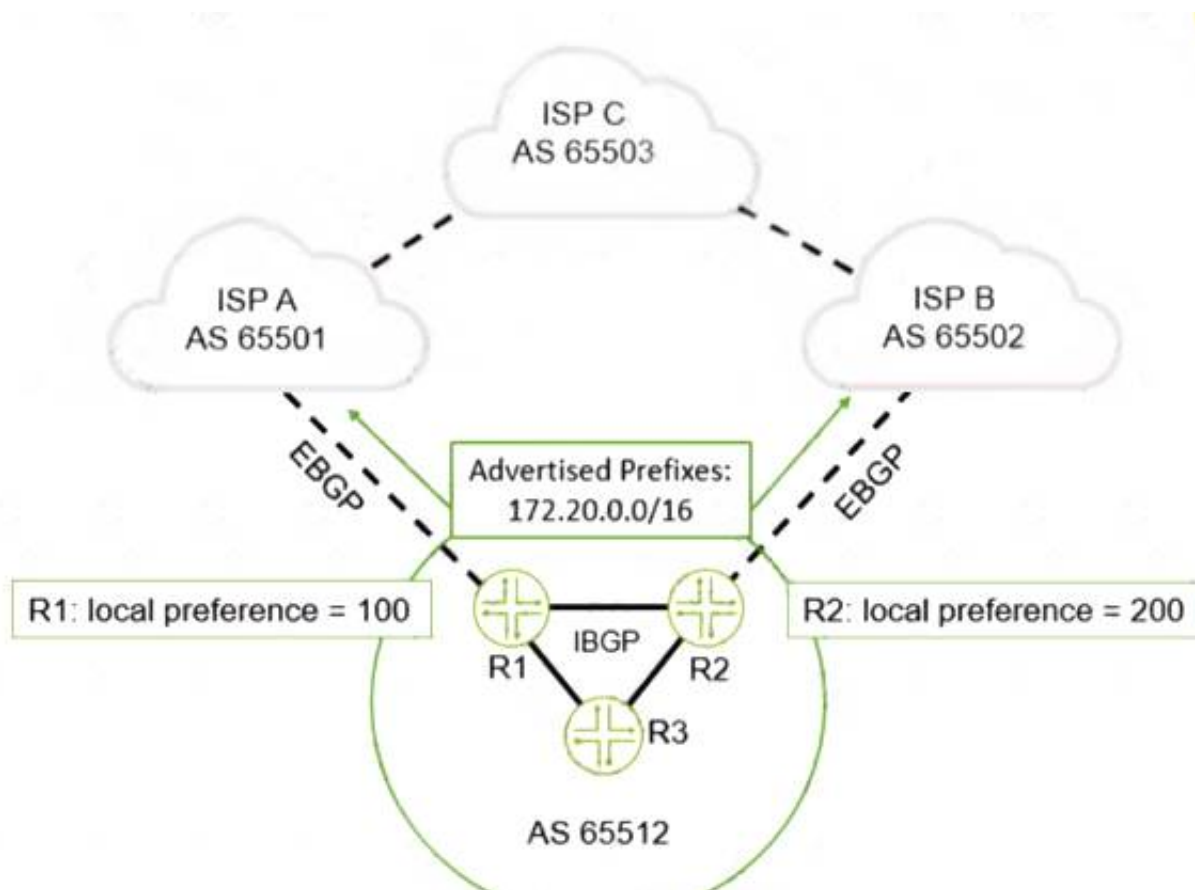
You have created a routing instance named vr3 that will provide access to Server 2 (10.0.0.2) (or the hosts on the 10.10.10.0/24 network). Which command would you use to test connectivity between vr3 and Server 2?

- 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 5

Exhibit



You are advertising a summary route that represents your local network (172.20.0.0/16) to both ISP A and ISPB. 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 6

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 7

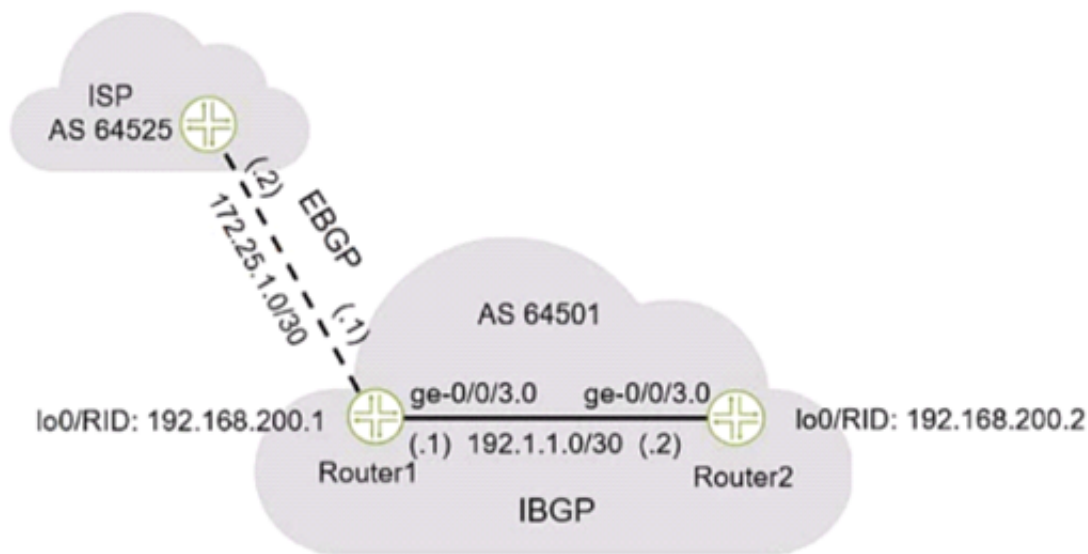
Which two LSA types are permuted in OSPF totally stubby areas? (Choose two.)

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

**Answer:** CD

#### NEW QUESTION 8

Exhibit



```
[edit]
user@Router1# show protocols bgp
group External {
    peer-as 64525;
    neighbor 172.25.1.2;
}
```

Referring to the exhibit, what must be included in the Route1 configuration when establishing an EBGP session with the ISP?

- A. A local address must be specified.
- B. A local AS must be specified.
- C. The BGP session type internal must be specified.
- D. The BGP session type external must be specified.

**Answer:** A

#### NEW QUESTION 9

The segment routing SRGB start label is 10,000 and the SRGB index range is 500. In this scenario, which two statements are correct? (Choose two.)

- A. The first usable label is 10,001.
- B. The last usable label is 10,501.
- C. The last usable label is 10,499.
- D. The first usable label is 10,000.

**Answer:** CD

#### NEW QUESTION 10

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 10

Exhibit

```

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

```

Referring to the exhibit, which two additional steps should you lake 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 11

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-0/0/0.0 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 16

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 19

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 23

Which BGP attribute is used to detect routing loops?

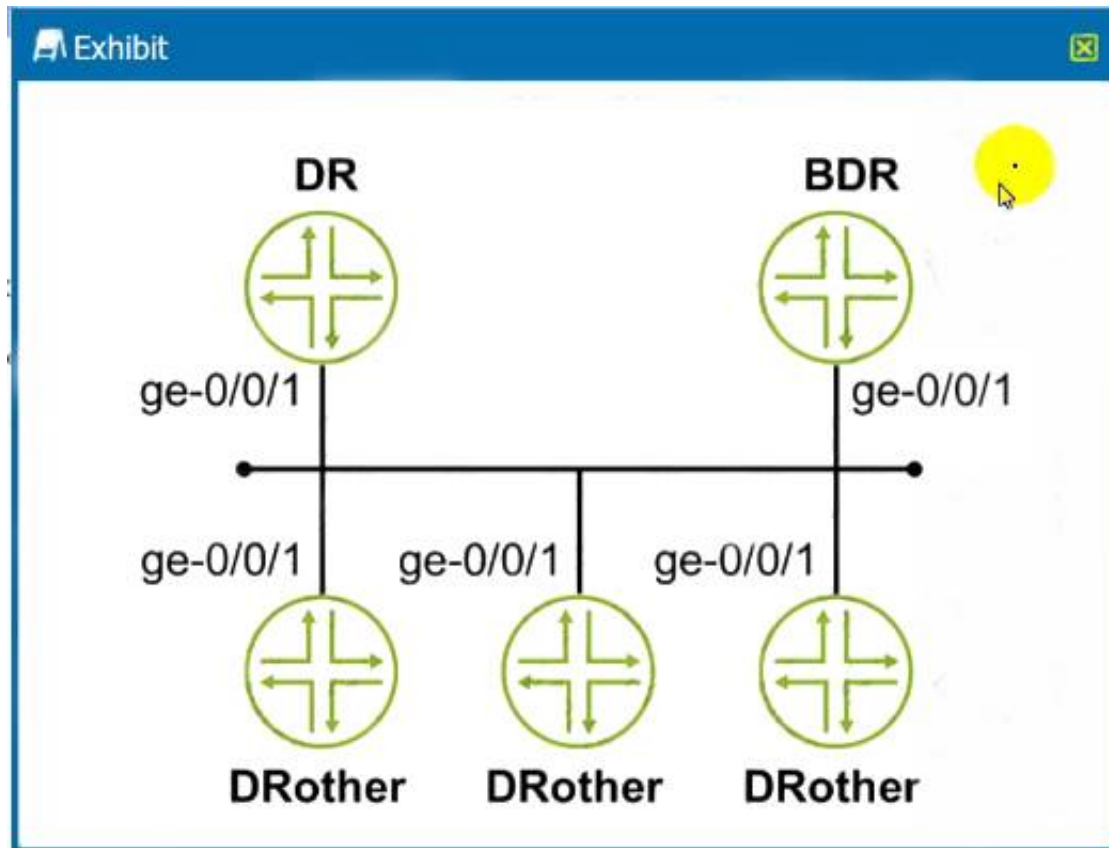
- A. AS path
- B. MED
- C. local preference
- D. next hop

**Answer: A**

#### NEW QUESTION 26

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 27

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;
```

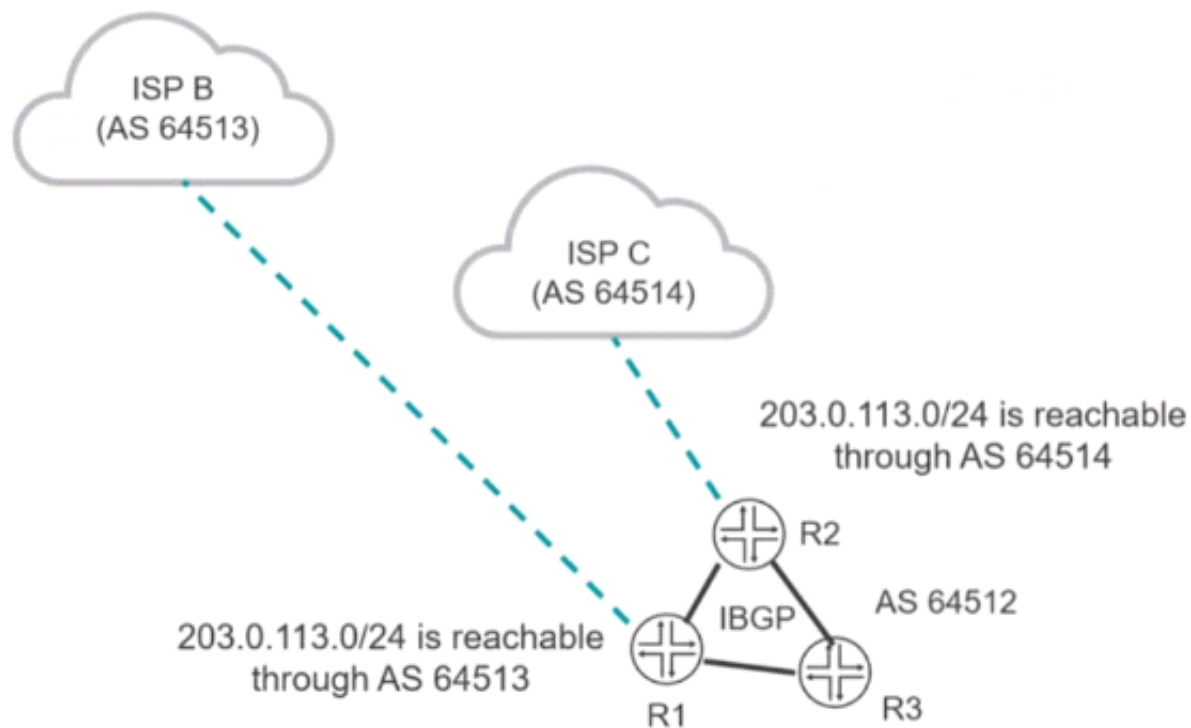
Which type of load balancing is shown in the exhibit?

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

**Answer: D**

#### NEW QUESTION 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

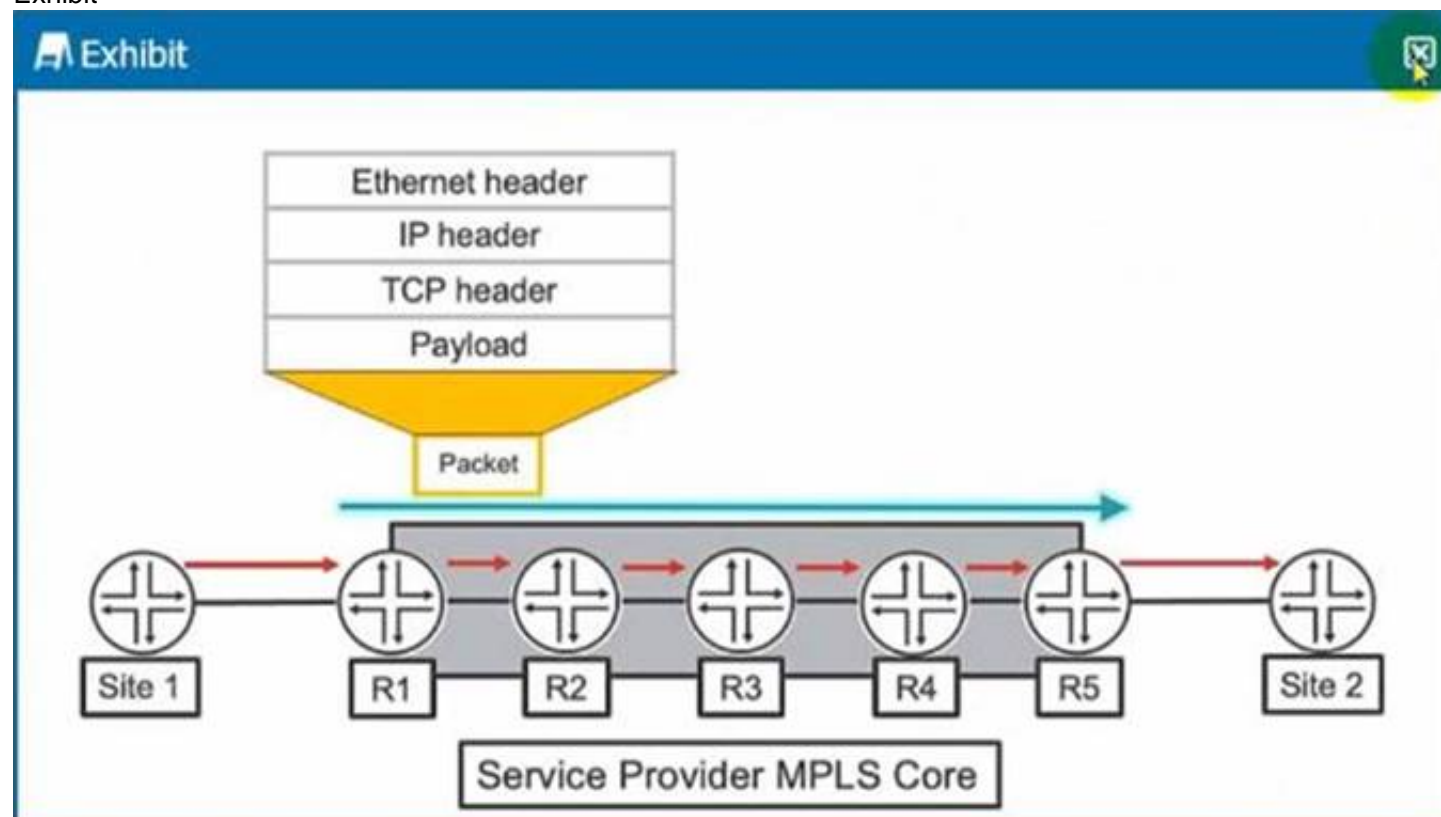
Which two statements are correct about the community BGP attribute on a Junos device? (Choose two.)

- A. The community attribute is a mandatory BGP attribute.
- B. If the community attribute is present, it is ignored and deleted in the BGP updates.
- C. If the community attribute is present, it should be passed unchanged in the BGP updates.
- D. The community attribute is an optional BGP attribute.

**Answer: AC**

#### NEW QUESTION 36

Exhibit



Which two statements are correct about the actions taken as the packet traverses the service provider MPLS network from Site 1 to Site 2 as shown in the exhibit? (Choose two.)

- A. R2 will perform a lookup using the mpls.0 table.
- B. R1 will perform a lookup using the inet.3 table.
- C. R1 will perform a lookup using the mpls.0 table.
- D. R2 will perform a lookup using the inet.3 table.

**Answer: A**

#### NEW QUESTION 39

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



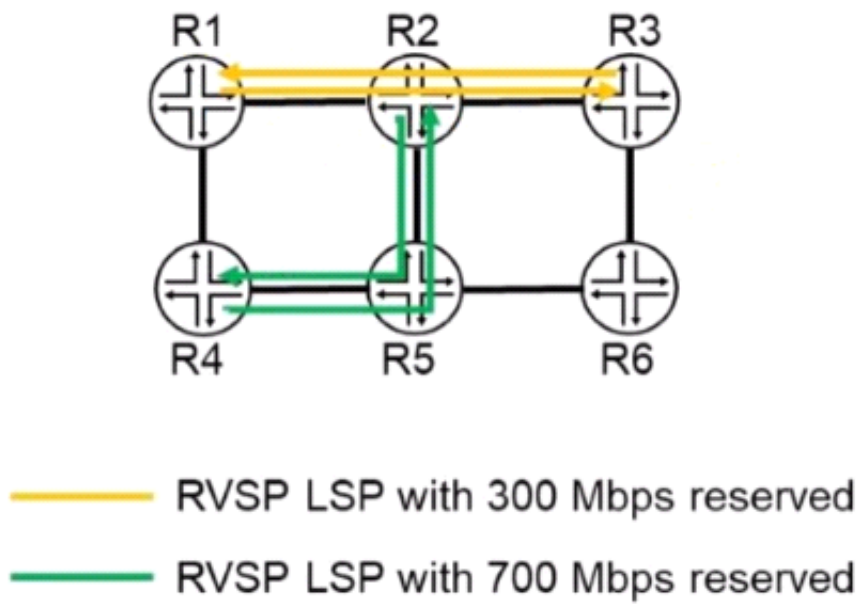
you use to satisfy this requirement? (Choose two.)

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

**Answer:** BC

**NEW QUESTION 42**

Exhibit



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 44**

Exhibit.

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 47

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

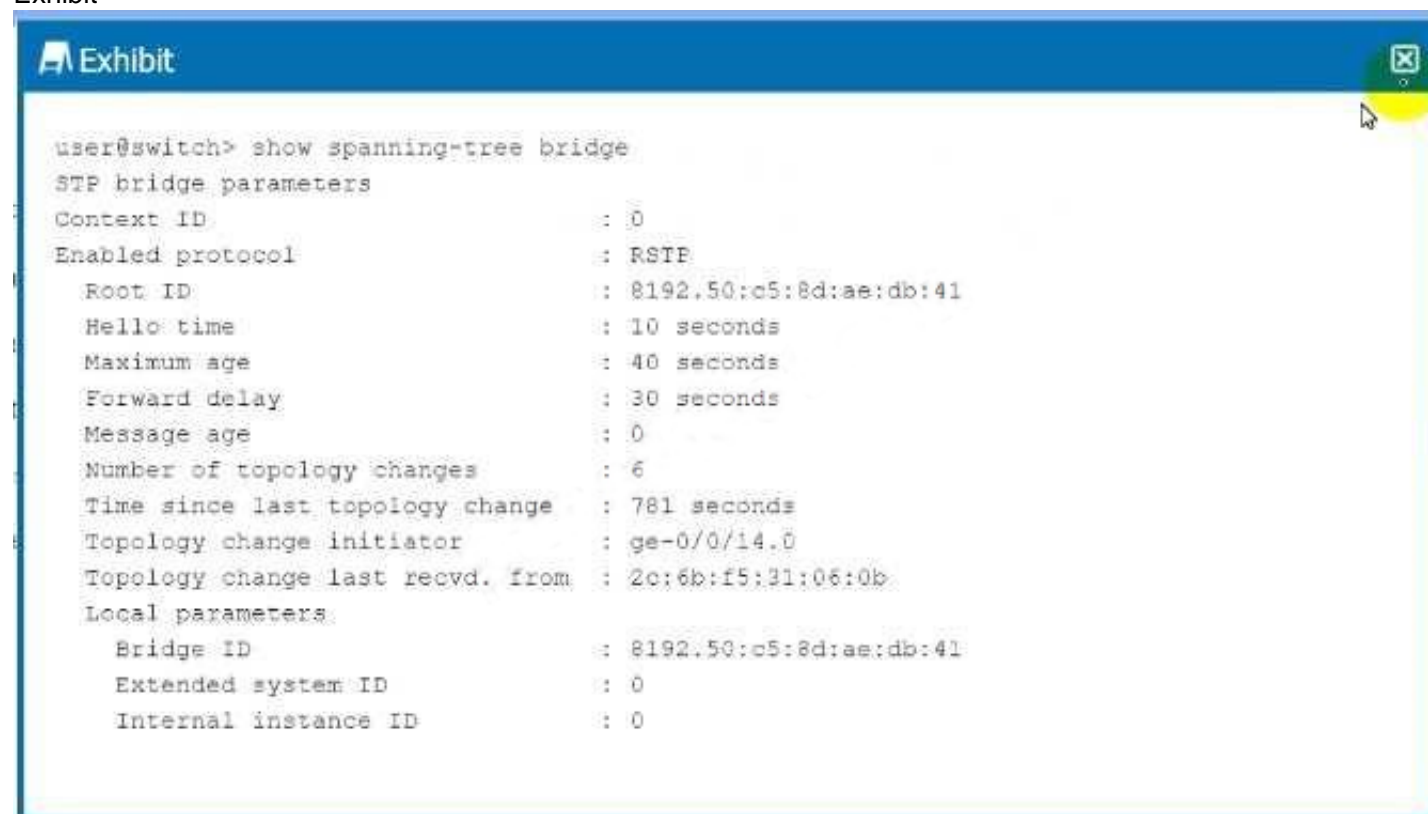
You have configured graceful RE switchover (GRES), however you cannot complete the show system switchover command. Referring to the exhibit, what is the problem?

- 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 48

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 53

Which two interface types are used as tunnel endpoints? (Choose two.)

- A. ae
- B. ip
- C. ge
- D. gr

**Answer: BC**

#### NEW QUESTION 54

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 58

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 60

You are asked to configure an LSP which uses the OSPF link state database for path computations. Which two statements are correct in this scenario? (Choose two.)

- A. You must use the no-cspf parameter in the label-switched-path configuration.
- B. Traffic engineering extensions are enabled by default in OSPF.
- C. Traffic engineering extensions are not enabled by default in OSPF.
- D. You must use the policing parameter in the label-switched-path configuration.

**Answer: AC**

#### NEW QUESTION 65

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 66

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