Juniper

Exam Questions JN0-349

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

NEW QUESTION 1
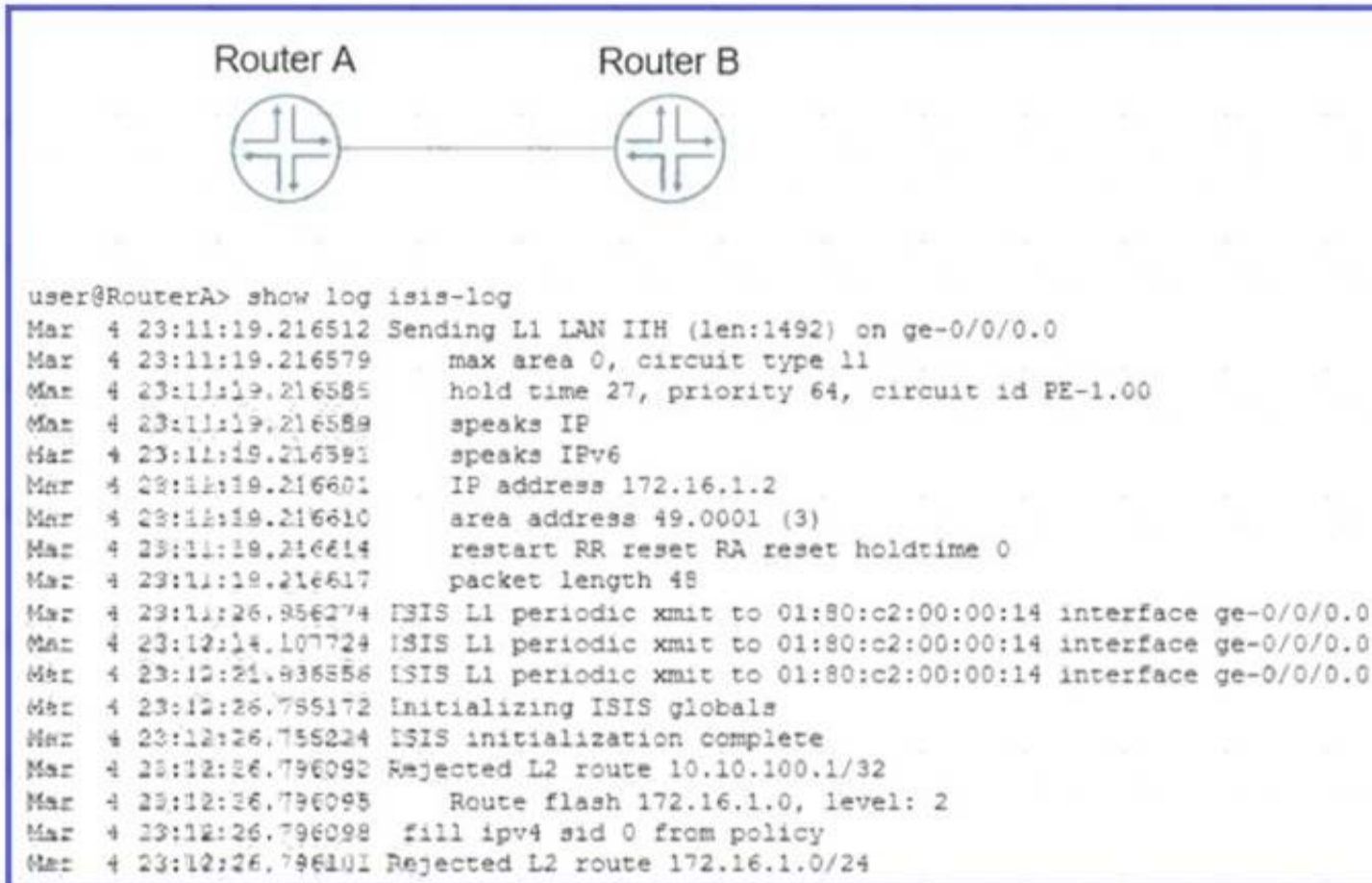By default, how long will a learned MAC address be retained in the bridge table on an EX Series switch?

A. 600 seconds
B. 3600 seconds
C. 300 seconds
D. 1800 seconds

Answer: C

NEW QUESTION 2
Click the Exhibit button.


```
user@RouterA> show log isis-log
Mar  4 23:11:19.216512 Sending L1 LAN IIH (len:1492) on ge-0/0/0.0
Mar  4 23:11:19.216579     max area 0, circuit type l1
Mar  4 23:11:19.216585     hold time 27, priority 64, circuit id PE-1.00
Mar  4 23:11:19.216589     speaks IP
Mar  4 23:11:19.216591     speaks IPv6
Mar  4 23:11:19.216601     IP address 172.16.1.2
Mar  4 23:11:19.216610     area address 49.0001 (3)
Mar  4 23:11:19.216614     restart RR reset RA reset holdtime 0
Mar  4 23:11:19.216617     packet length 48
Mar  4 23:11:26.856274 ISIS L1 periodic xmit to 01:80:c2:00:00:14 interface ge-0/0/0.0
Mar  4 23:12:14.107724 ISIS L1 periodic xmit to 01:80:c2:00:00:14 interface ge-0/0/0.0
Mar  4 23:12:21.936356 ISIS L1 periodic xmit to 01:80:c2:00:00:14 interface ge-0/0/0.0
Mar  4 23:12:26.755172 Initializing ISIS globals
Mar  4 23:12:26.755224 ISIS initialization complete
Mar  4 23:12:26.796092 Rejected L2 route 10.10.100.1/32
Mar  4 23:12:26.796095     Route flash 172.16.1.0, level: 2
Mar  4 23:12:26.796098  fill ipv4 sid 0 from policy
Mar  4 23:12:26.796101 Rejected L2 route 172.16.1.0/24
```

You are trying to form an IS-IS adjacency between Router A and Router B, but the IS-IS adjacency will not form between the two routers.
Referring to the exhibit, which action would solve this problem?

A. Enable level 1 IS-IS routing on Router A.
B. Enable IS-IS wide metrics on Router A.
C. Enable level 2 IS-IS routing on Router B.
D. Enable IS-IS wide metrics on Router B.

Answer: C

NEW QUESTION 3
Your router is learning the 172.25.11.0/24 prefix from both the BGP and OSPF protocols. A routing policy is configured on your device to advertise the prefix to an established BGP peer but the peer is not receiving the prefix. You want to allow the prefix to be advertised to the BGP peer.
What should you do on this router to satisfy this requirement?

A. Enable the automatic removal of peer AS information from the prefix.
B. Enable the advertisement of inactive BGP routes.
C. Enable the automatic removal of private AS numbers from the prefix.
D. Enable the automatic refreshing of BGP routes.

Answer: B

NEW QUESTION 4
You have two routers unable to form an IS-IS Level 1 adjacency.
Which two statements describe a reason for this problem? (Choose two.)

A. The MTU is set to 1500.
B. Interface lo0 is not included as an IS-IS interface.
C. The area numbers are different.
D. The interfaces are on different subnets.

Answer: CD

NEW QUESTION 5
You are deploying a new switch configuration at a small branch using EX3400 Series switches. You are concerned about loop prevention.
In this scenario, which configuration would you deploy?

A. RSTP

B. EVPN
C. MPLS
D. BPDU

Answer: A

NEW QUESTION 6
What are three reasons a router would send out an IS-IS link-state PDU? (Choose three.)

A. A new external route is imported from BGP.
B. The router's link to a neighbor goes down.
C. A new neighbor exists on the link.
D. The cost of a link to an existing neighbor has changed.
E. IS-IS sends link-state PDUs at random intervals.

Answer: BCD

NEW QUESTION 7
If an EX Series switch receives a frame with a known destination MAC address, what is the expected behavior?

A. The frame is sent out all ports assigned to the associated VLAN except the ingress port on which the frame was received.
B. The frame is sent out all ports assigned to all configured VLANs except the ingress port on which the frame was received.
C. The frame is sent out all trunk ports associated with the ingress VLAN regardless of whether a matching MAC address was found in the bridge table.
D. The frame is sent out the egress port with a matching destination MAC address within the bridge tableassociated with the ingress VLAN.

Answer: D

NEW QUESTION 8
Which three statements describe what happens when processing a frame for a switched packet? (Choose three.)

A. The ingress PFE performs the MAC address lookup.
B. The frame enters the ingress port and is forwarded out all ports.
C. The frame enters the ingress port and is processed by the ingress PFE.
D. The ingress PFE sends the header information to the Routing Engine.
E. The egress PFE forwards the packet out the egress port towards the destination.

Answer: ACE

NEW QUESTION 9
A BGP session shows the state as active. What does the state indicate in this scenario?

A. A keepalive message has been received.
B. The BGP session is fully established and routes are being passed.
C. The TCP connection is successful, and BGP is waiting for the OPEN message from its peer.
D. The routes are still trying to establish a TCP connection.

Answer: D

NEW QUESTION 10
Exhibit.

```
user@host> show route hidden detail
inet.0: 25 destinations, 26 routes (24 active, 0 holddown, 1
hidden)
Restart Complete
127.0.0.1/32 (1 entry, 0 announced)
        Direct Preference: 0
                Next hop type: Interface
                Next-hop reference count: 1
                Next hop: via lo0.0, selected
                State: <Hidden Martian Int>
                Local AS:      1
                Age: 4:27:37
                Task: IF
                AS path: I

private1__.inet.0: 2 destinations, 3 routes (2 active, 0
holddown, 0 hidden)

red.inet.0: 6 destinations, 8 routes (4 active, 0 holddown, 3
hidden)
Restart Complete

10.5.5.5/32 (1 entry, 0 announced)
        BGP      Preference: 170/-101
                Route Distinguisher: 10.4.4.4:4
                Next hop type: Unusable
                Next-hop reference count: 6
                State: <Secondary Hidden Int Ext>
                Local AS:      1 Peer AS:      1
                Age: 3:45:09
                Task: BGP_1.10.4.4.4+2493
                AS path: 100 I
                Communities: target:1:999
                VPN Label: 100064
                Localpref: 100
                Router ID: 10.4.4.4
                Primary Routing Table bgp.l3vpn.0
```

Referring to the exhibit, why is the route for 10.5.5.5 hidden?

A. It is an L3VPN route.
B. The next hop cannot be resolved.
C. It has an invalid community.
D. It is a Martian route.

Answer: B

NEW QUESTION 10
Which Junos feature allows you to combine multiple interfaces into a single bundle?

A. VRRP
B. Virtual Chassis
C. LAG
D. NSB

Answer: C

NEW QUESTION 12
Which two characteristics are true for EBGP peerings? (Choose two.)

A. EBGP peers must be directly connected.
B. EBGP connects peer devices in the same autonomous system.
C. EBGP connects peer devices in two different autonomous systems.
D. EBGP peers can be connected over a multihop connection.

Answer: ACD

NEW QUESTION 13
Which two port security features use the DHCP snooping database for additional port security? (Choose two.)

A. dynamic ARP inspection
B. MACsec
C. IP Source Guard
D. MAC learning

Answer: AC

NEW QUESTION 17
What are two reasons for configuring more than one VLAN on a switch? (Choose two.)

A. A group of clients requires that security be applied to traffic entering or exiting the group's devices.
B. A group of devices must forward traffic across a WA
C. A group of devices are connected to the same Layer 3 network.
D. A group of clients requires that the group's devices receive less broadcast traffic than they are currently receiving.

Answer: AC

NEW QUESTION 22
Which statement is correct about trunk ports?

A. Trunk ports must have an IRB assigned to accept VLAN tagged traffic.
B. By default, trunk ports accept only VLAN tagged traffic.
C. By default, a trunk port can have only a single VLAN assigned.
D. trunk ports must have an IRB assigned to accept untagged traffic.

Answer: B

NEW QUESTION 24
You have configured the router with an IS-IS interface metric of 2048.
However, the IS-IS interface metric of 63 is being applied for the interface of this router.
What must you do to enable the larger metric value?

A. Enable wide metrics.
B. Disable narrow metrics.
C. Restart the IS-IS protocol.
D. Enable level 1 IS-IS routing.

Answer: A

NEW QUESTION 27
Which two statements describe BGP attributes? (Choose two.)

A. BGP attributes help determine the best path to a destination.
B. The origin attribute indicates the autonomous systems through which the route has traversed.
C. BGP attributes are always optional.
D. The AS path attribute indicates the autonomous systems through which the route has traversed.

Answer: AC

NEW QUESTION 29
Which area is reserved for the OSPF backbone?

A. Area 0.0.0.0
B. Area 1.1.1.1
C. Area 2.2.2.2
D. Area 3.3.3.3

Answer: A

NEW QUESTION 34
Which three mechanisms are associated with the bridging process? (Choose three.)

A. blocking
B. flooding
C. aging
D. filtering
E. listening

Answer: ABCD

NEW QUESTION 38
Which two situations would cause dynamic ARP inspection to drop traffic? (Choose two.)

A. if no IP-to-MAC address entry exists in the DHCP snooping database
B. if the IP address in the ARP packet is deemed invalid

C. if the requested MAC address exceeds the configured limit on the port
D. if the ARP packet comes from a port that has been configured as trusted

Answer: AB

NEW QUESTION 41
You are configuring OSPF and want to ensure that interface ge-0/0/3 is preferred over interface ge- 0/0/4.
Which statement is correct in this scenario?

A. Configure ge-0/0/3 with a higher metric.
B. Configure reference bandwidth.
C. Configure a redistribution policy.
D. Configure ge-0/0/4 with a higher metric.

Answer: D

NEW QUESTION 42
Which two statements about aggregate routes in the Junos OS are correct? (Choose two.)

A. An aggregate route has a default next hop of an IP address.
B. An aggregate route always shows as active in the routing table.
C. An active route can contribute only to a single aggregate route.
D. Only one aggregate route can be configured for each destination prefix.

Answer: CD

NEW QUESTION 46
Which two statements are true about high availability on Junos devices? (Choose two.)

A. BFD is faster at detecting failures than default GRE or OSPF timers.
B. NSR is independent of helper routers to assist the routing platform in restoring routing protocol information.
C. NSR is dependent on helper routers to assist the routing platform in restoring routing protocol information.
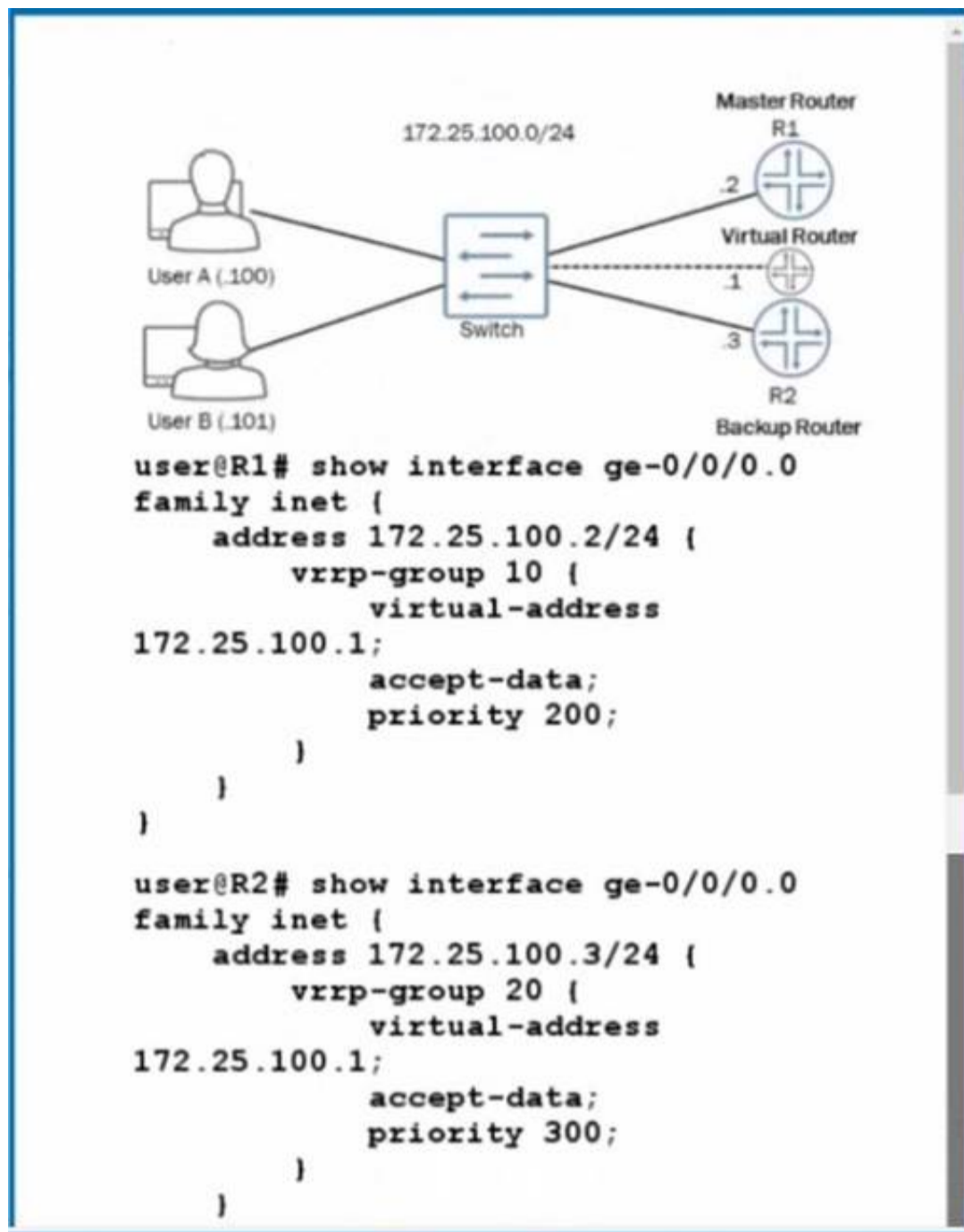D. BFD is slower at detecting failures than default GRE or OSPF timers.

Answer: AB

Explanation:
https://www.juniper.net/documentation/en_US/junos/topics/concept/nsr-overview.html

NEW QUESTION 49
Exhibit.

```
user@R1# show interface ge-0/0/0.0
family inet {
        address 172.25.100.2/24 {
                vrrp-group 10 {
                        virtual-address
172.25.100.1;
                        accept-data;
                        priority 200;
                }
        }
}

user@R2# show interface ge-0/0/0.0
family inet {
        address 172.25.100.3/24 {
                vrrp-group 20 {
                        virtual-address
172.25.100.1;
                        accept-data;
                        priority 300;
                }
        }
}
```

You are attempting to set up VRRP with R1 and R2 being participating members. You want R1 to be the master router and R2 to be the backup router with the virtual router they create being at address 172.25.100.1. The virtual router is not pinging from either User A or User B.
Referring to the exhibit, what must be done to correct the problem?

A. The VRRP group value on R1 and R2 must match.
B. A VRRP authentication type value is needed on R1 and R2.
C. A VRRP policy is needed on R1 and R2.
D. The VRRP priority value on R1 and R2 must match

Answer: A

Explanation:
https://www.juniper.net/documentation/en_US/junos/topics/reference/configurationstatement/priority-edit-interfaces-vrrp.html

NEW QUESTION 53
When electing a DIS in an IS-IS network, what is used to break a priority tie?

A. highest router ID
B. highest MAC address
C. lowest MAC address
D. lowest router ID

Answer: B

Explanation:
https://www.juniper.net/documentation/en_US/junos/topics/concept/routing-protocol-is-issecurity-designated-router-understanding.html

NEW QUESTION 57
What BGP attribute is mostly likely to influence a remote AS that you do not peer with?

A. This is not possible given the local scope of BGP
B. AS path
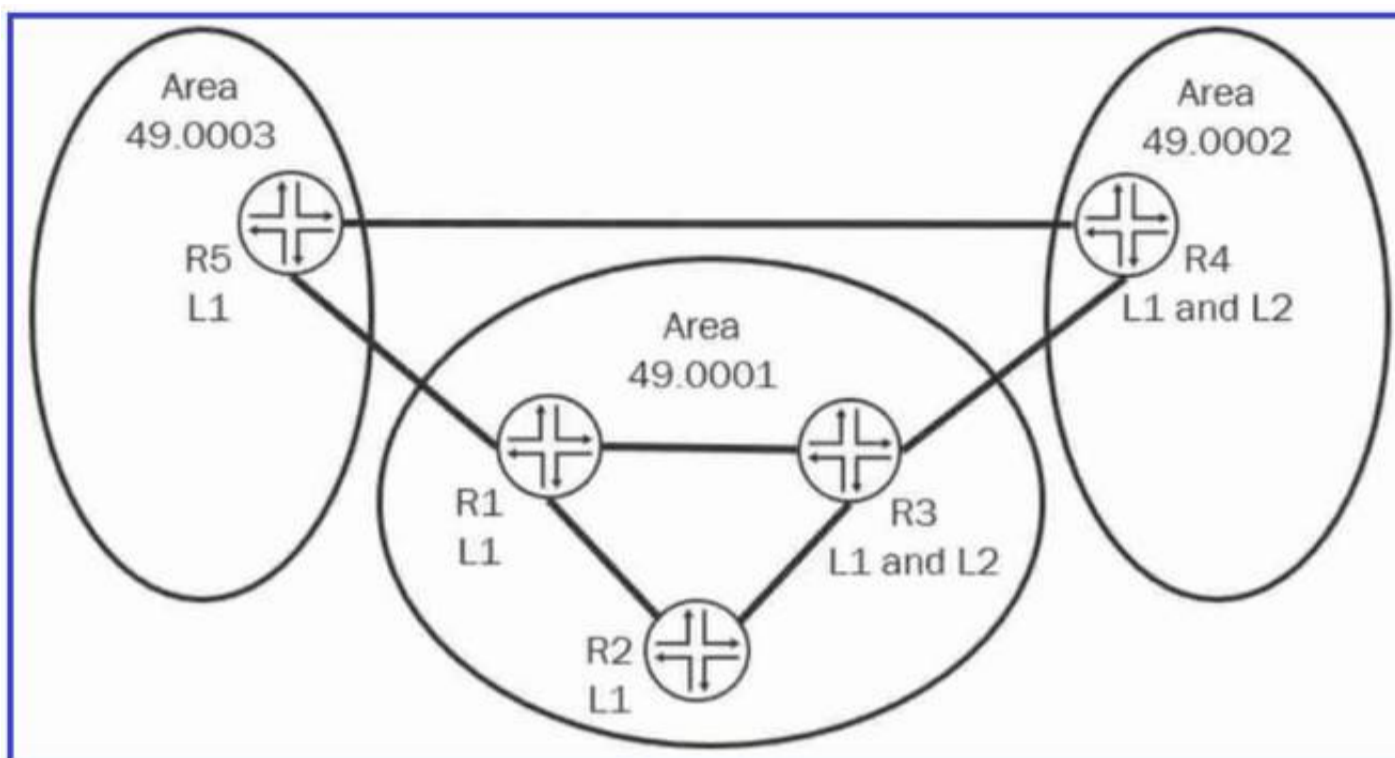C. MED
D. Local preference

Answer: B

NEW QUESTION 59
What types of authentication are supported in Junos for OSPF?

A. Simple password
B. MD5 checksum
C. Hitless key chain of MD5 keys/checksums
D. All of the above

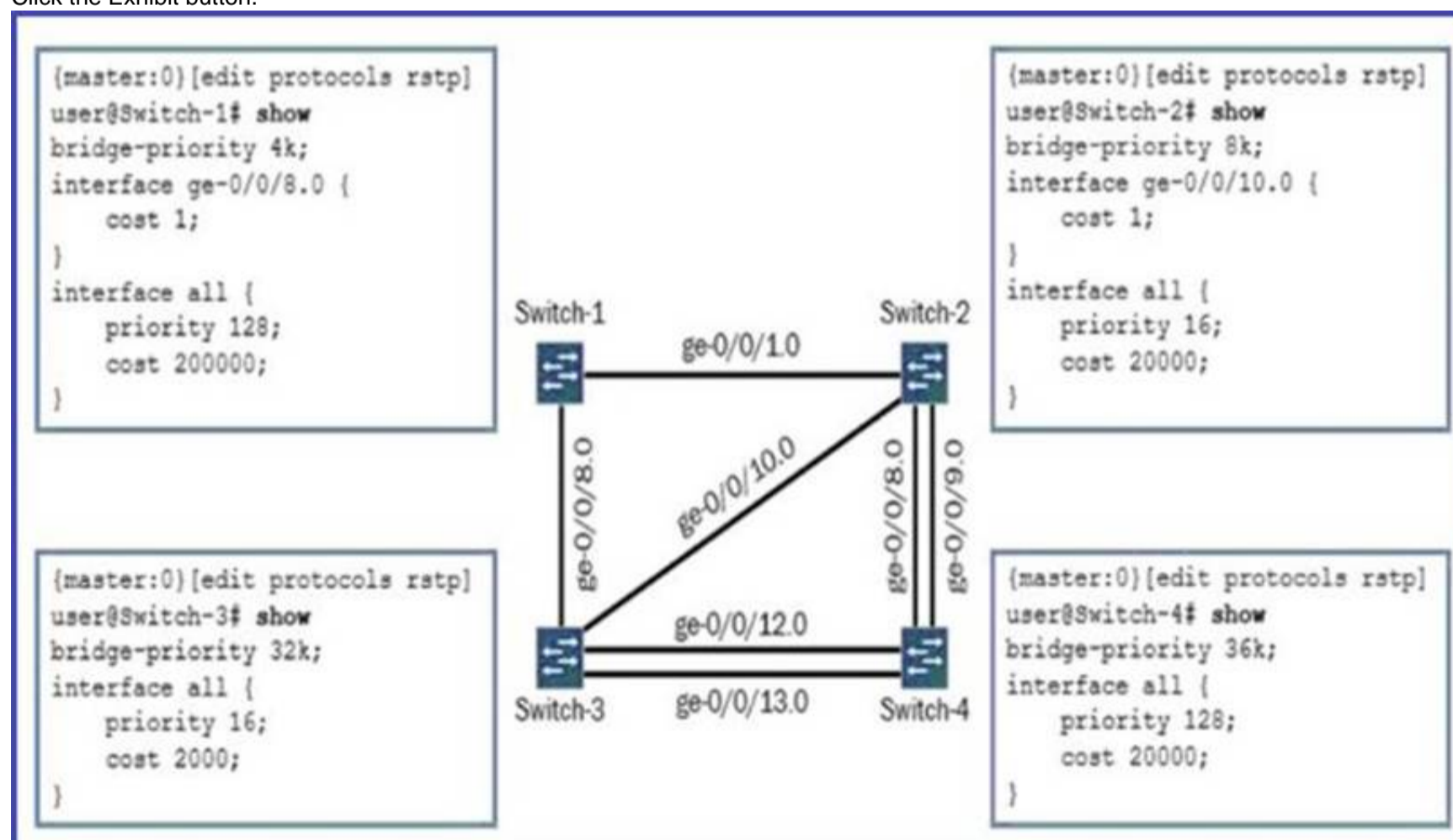**Answer:** D

NEW QUESTION 63
Click the Exhibit button.

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

A. R2 and R3 can form a Level 1 IS-IS adjacency.
B. R4 and R5 can form a Level 1 IS-IS adjacency.
C. R1 and R5 can form a Level 1 IS-IS adjacency.
D. R3 and R4 can form a Level 2 IS-IS adjacency.

Answer: AD

NEW QUESTION 64
Click the Exhibit button.

Referring to the exhibit, which port will be selected as the RSTP root port on Switch-4?

A. ge-0/0/13.0
B. ge-0/0/8.0
C. ge-0/0/9.0
D. ge-0/0/12.0

Answer: D

NEW QUESTION 68
Exhibit:

```
user@host> show log messages | match 12ald | last 1
Apr 13 17:59:30 host 12ald[1229]: L2ALD_MAC_LIMIT_REACHED_IF: Limit
on learned MAC addresses reached for ge-
0/0/23.0; current count is 2
user@host> show configuration switch-options interface ge-0/0/23.0
interface-mac-limit {
     2;
     packet-action drop-and-log;
}
user@host> show configuration vlans
default {
     vlan-id 1;
     13-interface irb.1;
     switch-options {
          interface-mac-limit {
               3;
          packet-action drop-and-log;
     }
   }
}
user@host> show configuration interfaces irb
unit 1{
     family inet {
          address 172.25.11.10/24;
     }
}
```

You have an ESXi host that is connected to ge-0/0/23 on a Juniper EX Series switch. You added a new
VM that will also use the same ge-0/0/23 interface. Unfortunately, the new VM is not able to reach
external devices.
Referring to the exhibit, which command would solve this problem?

A. set vlans default switch-options interface-mac-limit 4
B. set vlans default switch-options interface-mac-limit 5
C. set switch-options interface ge-0/0/23.0 interface-mac-limit 3
D. clear ethernet-switching recovery-timeout interface ge-0/0/23.0

Answer: C

NEW QUESTION 73
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