JN0-349^{Q&As}

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

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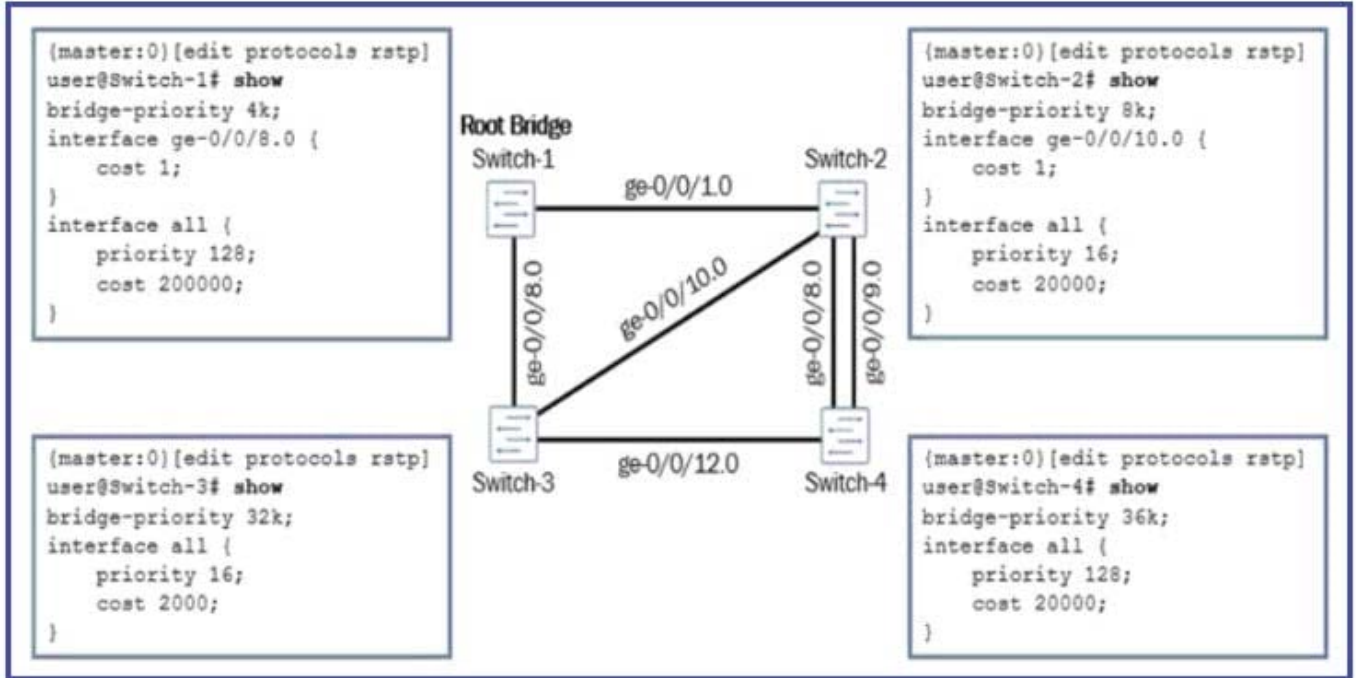
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QUESTION 1

Click the Exhibit button.


```
(master:0)[edit protocols rstp]
user@Switch-1# show
bridge-priority 4k;
interface ge-0/0/8.0 {
    cost 1;
}
interface all {
    priority 128;
    cost 200000;
}
```

```
(master:0)[edit protocols rstp]
user@Switch-2# show
bridge-priority 8k;
interface ge-0/0/10.0 {
    cost 1;
}
interface all {
    priority 16;
    cost 20000;
}
```

```
(master:0)[edit protocols rstp]
user@Switch-3# show
bridge-priority 32k;
interface all {
    priority 16;
    cost 2000;
}
```

```
(master:0)[edit protocols rstp]
user@Switch-4# show
bridge-priority 36k;
interface all {
    priority 128;
    cost 20000;
}
```

Referring to the exhibit, which port on Switch-2 will be selected as the RSTP root port?

A. ge-0/0/8.0

B. ge-0/0/9.0

C. ge-0/0/10.0

D. ge-0/0/1.0

Correct Answer: C

QUESTION 2

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

Correct Answer: C

QUESTION 3

Click the Exhibit button.

```
{master:0} [edit interfaces]
user@switch-1# show
interface-range range-1 {
      member ge-0/0/10;
      member-range ge-0/0/6 to ge-0/0/8;
      unit 0 {
            family ethernet-switching;
      }
}
```
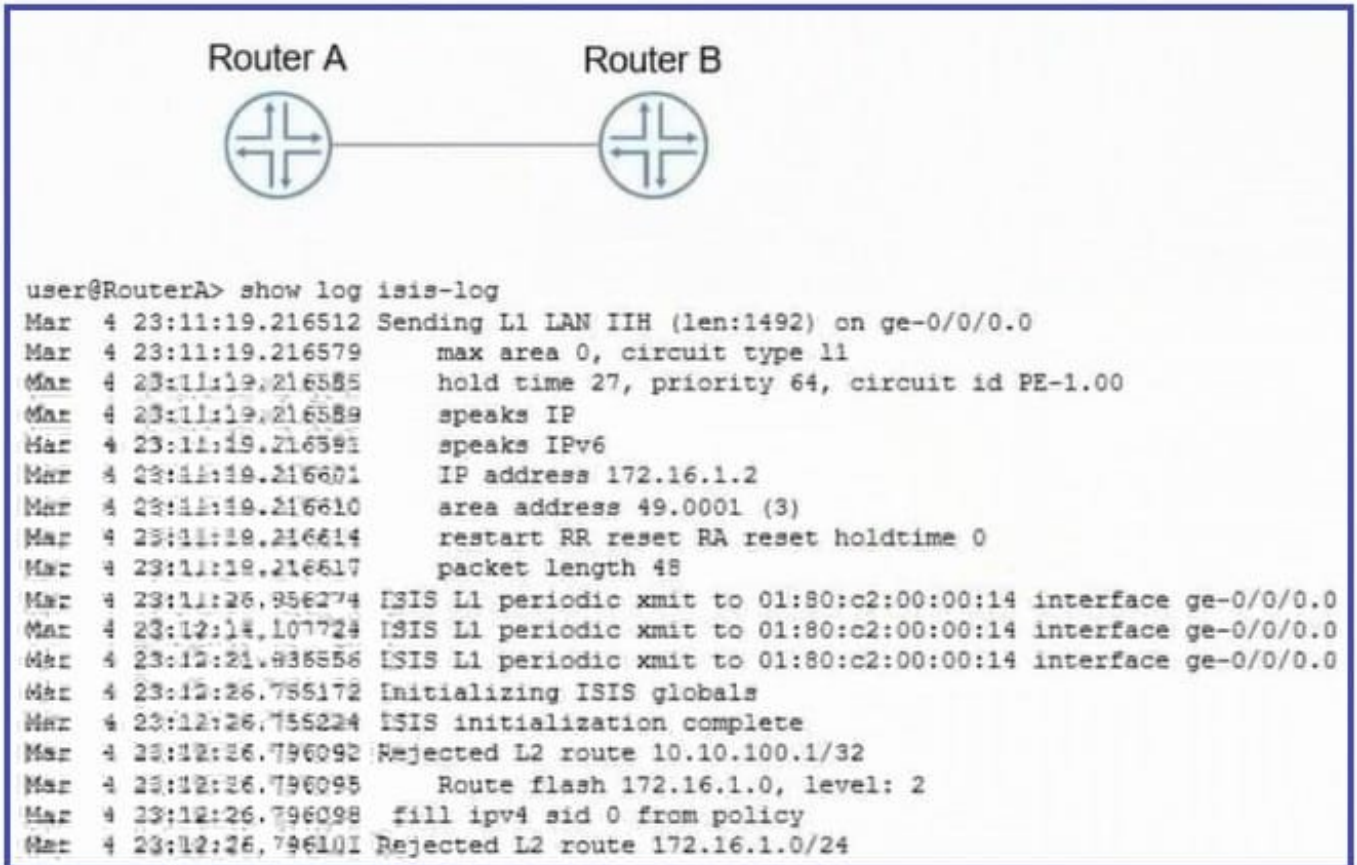
Referring to the exhibit, which set of interfaces is enabled for Ethernet switching?

A. ge-0/0/6, ge-0/0/7, and ge-0/0/8

B. ge-0/0/6, ge-0/0/8, and ge-0/0/10

C. ge0/0/6, ge-0/0/7, ge-0/0/8, and ge-0/0/10

D. ge-0/0/6 and ge-0/0/8

Correct Answer: C

QUESTION 4

Click the Exhibit button.

Router A   Router B

```
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 23:11:26.956274 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 23:12:21.936556 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.

Correct Answer: C

QUESTION 5

You notice that currently two MAC addresses are associated with a single access port in the bridge table of one of your EX Series switches.

What are two explanations for this behavior? (Choose two.)

A. The native VLAN feature has been associated with the access port.

B. The mac-move-limit feature has been disabled on the access port,

C. The access port connects to an IP phone which connects ta a host device

D. The access port connects to multiple hosts through a rogue device

Correct Answer: AD

QUESTION 6

Click the Exhibit button.

```
{master:0}
user@switch> show spanning-tree bridge
STP bridge parameters
Context ID                                 : 0
Enabled protocol                           : RSTP
       Root ID                             : 8192.50:c5:8d:ae:db:41
       Root cost                           : 40000
       Root port                           : ge-0/0/14.0
       Hello time                          : 2 seconds
       Maximum age                         : 40 seconds
       Forward delay                       : 30 seconds
       Message age                         : 4
       Number of topology changes          : 1
       Time since last topology changes    : 64 seconds
       Topology change initiator           : ge-0/0/14.0
       Topology change last recvd. from    : 2c:6b:f5:31:06:0e
       Local parameters
          Bridge ID                        : 32768.50:c5:8d:ae:bd:41
          Extended system ID               : 0
          Internal instance ID             : 0
```

Referring to the exhibit, which statement is correct?

A. The device is the root bridge?

B. The spanning tree session has timed out.

C. The local bridge priority is set to 8k.

D. The bridge priority on the root device is set to 8k.

Correct Answer: D

QUESTION 7

Click the Exhibit button.

```
{master:0}
user@switch> show vlans
Routing instance          VLAN name      Tag      Interfaces
default-switch            default        1

                                                  ge-0/0/0.0*
                                                  ge-0/0/1.0*
                                                  ge-0/0/2.0
                                                  ge-0/0/3.0*
                                                  ge-0/0/4.0
                                                  ge-0/0/5.0*
                                                  ...
```

Referring to the exhibit, what does the asterisk(*) following the ge-0/0/5.0 interface indicate?

A. It indicates the interface is not active.

B. It indicates the interface is a trunk port.

C. It indicates the interface is an access port.

D. It indicates the interface is active.

Correct Answer: D

QUESTION 8

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.

Correct Answer: BCD

QUESTION 9

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

A. highest router ID

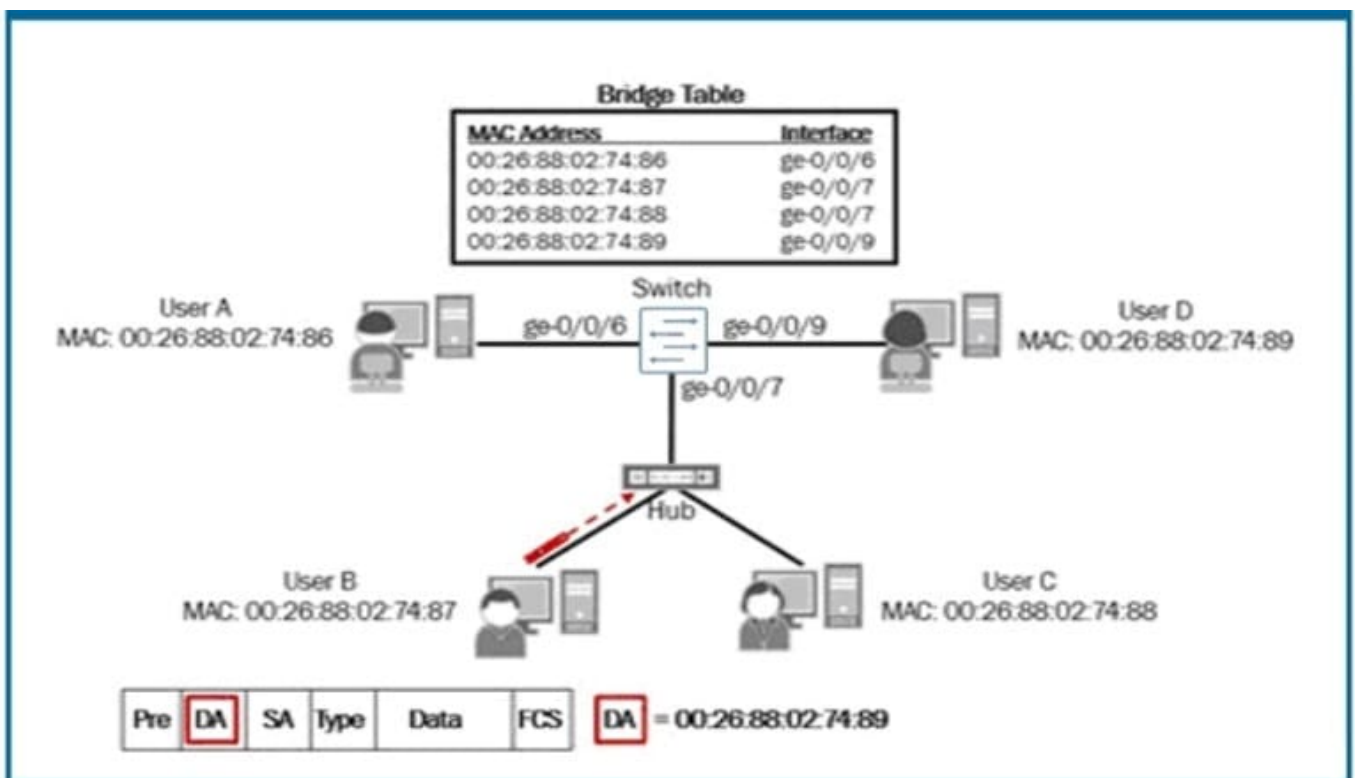B. highest MAC address

C. lowest MAC address

D. lowest router ID

Correct Answer: B

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

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QUESTION 10

Referring to the exhibit, which devices will receive the packet sent by User B?

A. User A and User D

B. User C and User D

C. User C

D. User C, User A, and User D

Correct Answer: B

QUESTION 11

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

Correct Answer: D

QUESTION 12

Given the exhibit, which two statements are correct regarding the graceful-restart state for the BGP groups? (Choose two.)

```
[edit]
user@host# shcw protocols bgp group IBGP
type internal;
local-address 7.7.7.7;
export noroutes-filter;
graceful-restart {
     restart-time 100;
}
neighbor 1.1.1.1 {
     accept-remote-nexthop;
     import fix-nexthop;
     family inet {
          unicast;
     }
     family inet6 {
          unicast;
     }
}
neighbor 2.2.2.2;
[edit]
user@host# shcw protocols bgp group EBGP
type external;
multipath;
neighbor 198.168.4.2 {
     family inet {
          unicast;
     }
     peer-as 100;
     local-as 15169;
     multipath;
}
neighbor 198.168.5.2 {
     family inet {
          unicast'
     }
     peer-as 100;
     local-as 15169;
     multipath;
}
neighbor 198.168.6.2 {
     family inet {
          unicast;
     }
     peer-as 100;
     local-as 15169;
     multipath;
}
[edit]
user@host# show routing-options graceful-restart
disable;
```

A. The graceful-restart capability will be enabled for group IBGP.

B. The graceful-restart capability will be disabled for group IBGP.

C. The graceful-restart capability will be disabled for group EBGP.

D. The graceful-restart capability will be enabled for group EBGP.

Correct Answer: AC

QUESTION 13

Exhibit.

◢\ 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.

Correct Answer: B

QUESTION 14

Which two port security mechanisms rely on an accurate DHCP snooping database to operate correctly? (Choose two.)

A. IP source guard

B. persistent MAC learning

C. MACsec

D. dynamic ARP inspection

Correct Answer: AD

QUESTION 15

Which two statements about a unified ISSU are correct? (Choose two.)

A. It requires that Bidirectional Forwarding Detection be disabled.

B. It requires that graceful Routing Engine switchover be enabled.

C. It is only supported on platforms with redundant control planes.

D. It is only supported on platforms with redundant power supplies.

Correct Answer: BC

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