

Exam Questions JN0-349

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

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NEW QUESTION 1

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 2

You have an IBGP neighbor sending you routes. You need to apply a policy so it only evaluates routes being learned from this specific neighbor. In this scenario, which statement is correct about applying the policy?

- A. The policy should be applied as an export policy to the BGP group level.
- B. The policy should be applied as an import policy to the BGP group level.
- C. The policy should be applied as an export policy to the BGP neighbor level.
- D. The policy should be applied as an import policy to the BGP neighbor level.

Answer: D

NEW QUESTION 3

Which protocol supports tunneling of non-IP traffic?

- A. GRE
- B. SSH
- C. IPsec
- D. IP-IP

Answer: A

NEW QUESTION 4

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

Answer: AD

NEW QUESTION 5

Which two statements about Layer 2 firewall filters are correct? (Choose two.)

- A. You can apply only one firewall filter term per filter.
- B. You can apply only one input filter per VLAN.
- C. You can apply multiple firewall filter terms per filter.
- D. You can apply multiple input filters per VLAN.

Answer: BC

NEW QUESTION 6

Which mechanism is used to share routes between routing tables?

- A. RIB groups
- B. routing instances
- C. forwarding instances
- D. filter-based forwarding

Answer: A

NEW QUESTION 7

Click the Exhibit button.

```
user@router> show ospf neighbor
Address          Interface      State      ID          Pri
Dead
172.16.248.214   xe-0/0/2.0    2-Way     172.16.248.14 128
39
```

Referring to the exhibit, which statement is correct?

- A. The router is acting as the DR.
- B. The router is acting as the BDR.
- C. The router is acting as a DROther.
- D. The router is not able to establish an adjacency.

Answer: C

NEW QUESTION 8

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 9

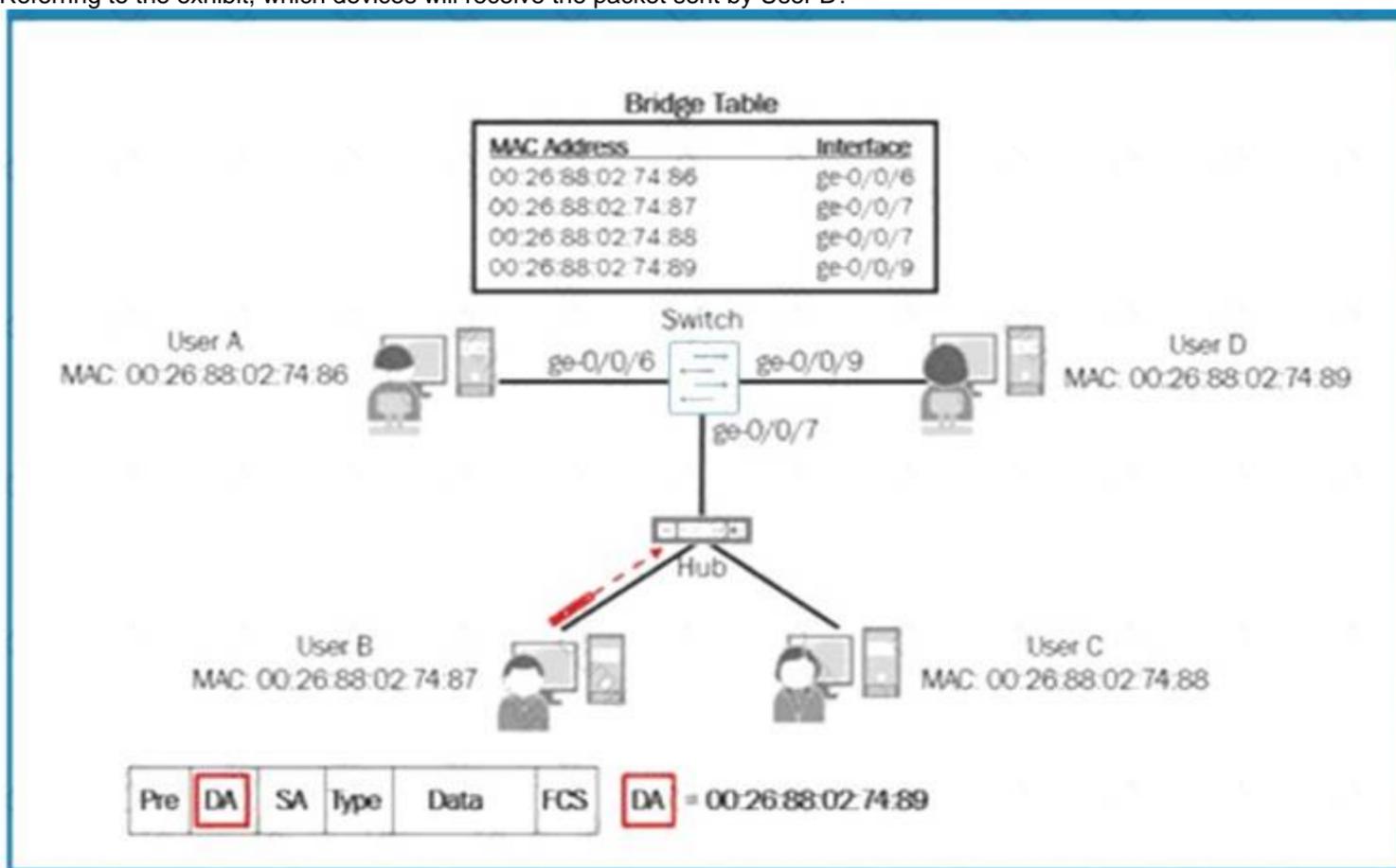
You are concerned that someone from outside the company could use an open conference room port to access the network. Which feature should you use to address this concern?

- A. persistent MAC learning
- B. 802.1X
- C. DHCP snooping
- D. MAC limiting

Answer: B

NEW 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

Answer: B

NEW QUESTION 10

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*
                    ...
```

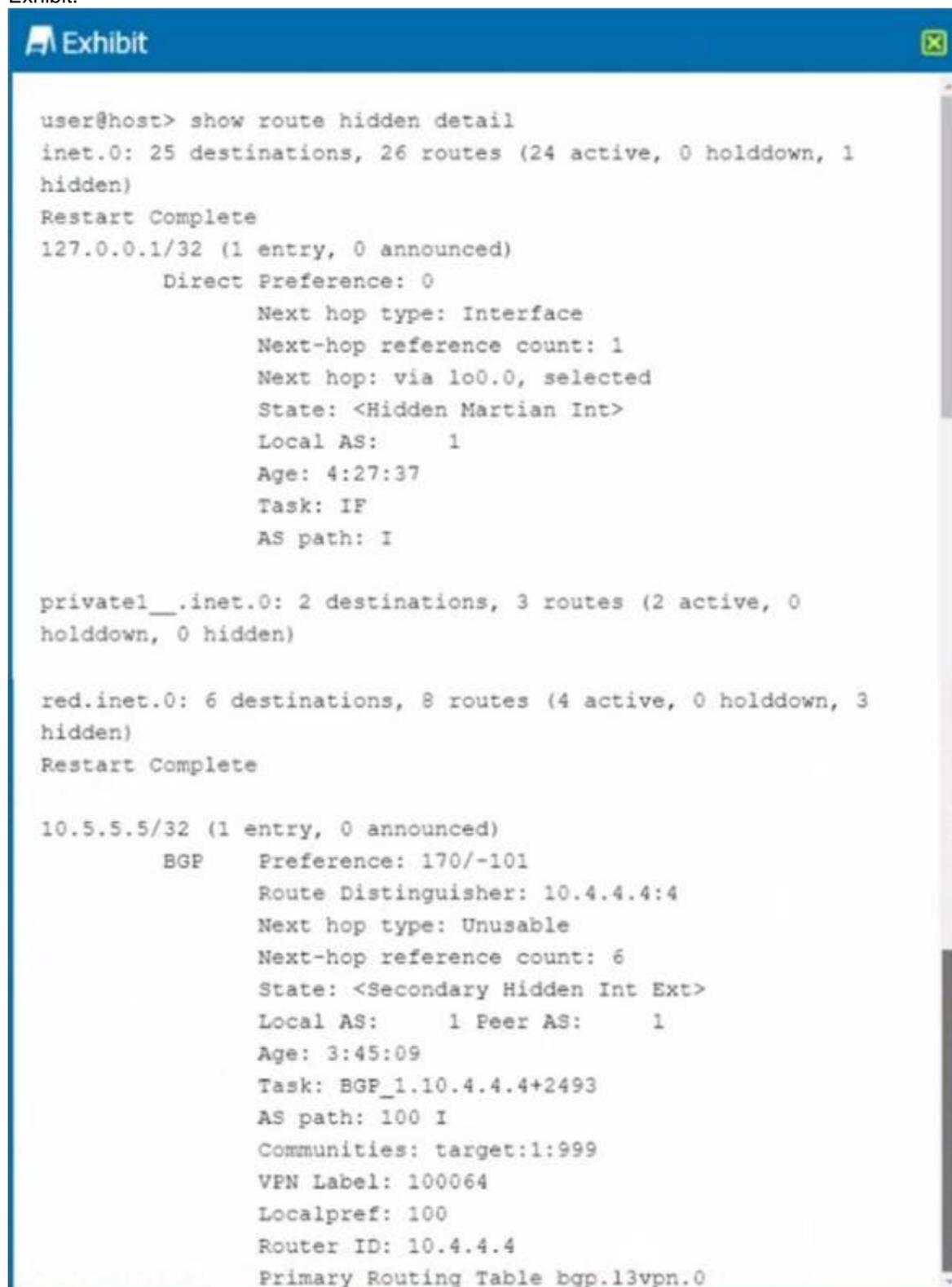
Referring to the exhibit, what does the asterisk(*) following the ge-0/0/5.0 interface indicate?

- 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.

Answer: D

NEW QUESTION 15

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

privatel__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.13vpn.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 18

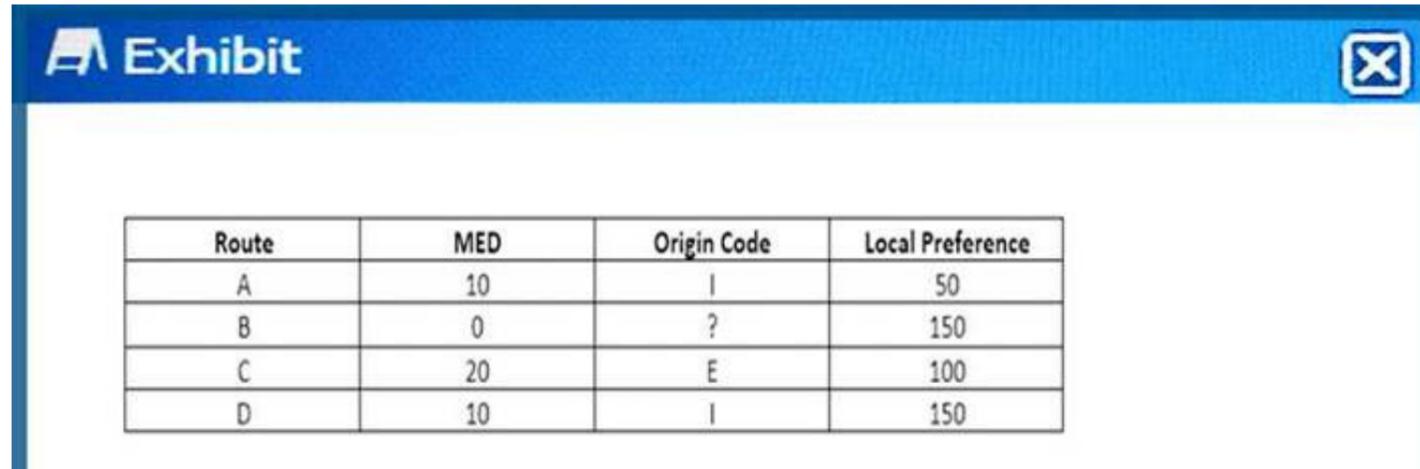
You do not want any spanning tree protocols operating in your environment, and you want to ensure that no BPDUs can be introduced into the environment. Which statement is true in this scenario?

- A. You must run a spanning tree protocol to block BPDUs.
- B. Incoming BPDUs are blocked by default if a spanning tree protocol is not operating.
- C. You can block BPDUs without running a spanning tree protocol using Layer 3 control.
- D. Incoming BPDUs can only be blocked by the root bridge.

Answer: C

NEW QUESTION 23

Click the Exhibit button.



Route	MED	Origin Code	Local Preference
A	10	I	50
B	0	?	150
C	20	E	100
D	10	I	150

A routing table contains multiple BGP routes to the same destination prefix. The route preference is the same for each route. Referring to the exhibit, which route would be selected?

- A. route A
- B. route B
- C. route C
- D. route D

Answer: B

NEW QUESTION 28

You have a conference room with an open network port that is used by employees to connect to the network. You are concerned about rogue switches being connected to this port.

Which two features should you enable on your switch to limit access to this port? (Choose two.)

- A. DHCP snooping
- B. dynamic ARP inspection
- C. MAC limiting
- D. 802.1X

Answer: AB

NEW QUESTION 30

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 33

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 38

You want to configure your Junos device so that routing information from certain prefixes on a neighboring router are ignored. What should you configure on your device?

- A. It interface
- B. firewall rule
- C. martian address
- D. vt interface

Answer: C

NEW QUESTION 39

Your network connections to the Internet through two different ISPs using EBGP. You must ensure that ISP1 is the primary path used for all traffic entering your network while using ISP2 as a backup path. In this scenario, which statement is correct?

- A. You should use a lower MED value on routes sent to ISP1.
- B. You should assign a higher local preference on routes that you are sending to ISP1.
- C. You should change the next hop for all routes sent to ISP2.
- D. You should prepend your local AS number three times on routes that you are sending to ISP2.

Answer: D

NEW QUESTION 43

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 48

Exhibit.

```
Exhibit
[edit]
user@Router-1# show interfaces
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.33/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.254/24;
    }
    family iso {
      address 49.0003.0192.0168.0113.00;
    }
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.11/32;
    }
    family iso {
      address 49.0002.0192.0168.0111.00;
    }
  }
}

[edit]
user@Router-1# show protocols
isis {
  overload;
  level 2 disable;
  interface all;
}
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.34/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.1/16;
    }
    family iso;
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.12/32;
    }
    family iso {
      address 49.0001.0192.0168.0112.00;
    }
  }
}

[edit]
user@Router-2# show protocols
isis {
  interface all;
}
```

Referring to the exhibit, Router-1 and Router-2 are failing to form an IS-IS adjacency. What should you do to solve the problem?

- A. Remove the overloaded statement from Router-1.
- B. Change the IP subnet masks to match on the ge-0/0/2 interfaces of both routers.
- C. Remove the ISO address from ge-0/0/2 on Router-1.
- D. Change the ISO areas on the lo0 interfaces to match on both routers.

Answer: B

NEW QUESTION 50

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 54

An EBGP session sources its TCP connection from which IP address?

- A. The IP address of the primary address assigned to the loopback interface.
- B. The IP address of the preferred address assigned to the loopback interface.
- C. The IP address of the interface that connects the two BGP speakers.
- D. The IP address assigned as the router ID.

Answer: C

NEW QUESTION 56

You are a service provider and have multiple customers in a building.

You are installing a new switch that can host all of your customers. However, you would like to ensure that one customer cannot see or broadcast to another customer.

You would also like to have them use a common gateway IP address from the building. What should be used to provide this access?

- A. VLAN
- B. private VLAN
- C. filter-based VLAN
- D. Layer 2 tunneling

Answer: B

NEW QUESTION 60

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 61

Which two statements about RSTP are correct? (Choose two.)

- A. RSTP is backward compatible with STP.
- B. RSTP permits multiple root bridges within a Layer 2 domain.
- C. RSTP permits only a single root bridge within a Layer 2 domain.
- D. RSTP is not backward compatible with STP.

Answer: AC

NEW QUESTION 65

Click the Exhibit button.

```

user@host> show ospf database
  OSPF database, Area 0.0.0.0
  Type      ID          Adv Rtr      Seq          Age  Opt  Cksum  Len
  Router    *192.168.1.2  192.168.1.2  0x8000000c  1387 0x22 0x84ae  60
  Router    192.168.1.3  192.168.1.3  0x80000023  1249 0x22 0x545e  60
  Network   172.26.2.2    192.168.1.3  0x80000005  2049 0x22 0x43e3  32
  Network   172.26.3.2    192.168.1.3  0x80000005  2449 0x22 0x38ed  32
  Summary   *172.26.1.0   192.168.1.2  0x80000007  2541 0x22 0x4db7  28
  Summary   172.26.4.0    192.168.1.3  0x80000025  2249 0x22 0xe9f8  28
  Summary   *192.168.1.1  192.168.1.2  0x80000006  1618 0x22 0xa3bb  28
  Summary   192.168.1.4   192.168.1.3  0x8000001a  1649 0x22 0x57ef  28
  ASBRSum   *192.168.1.1  192.168.1.2  0x80000007  2310 0x22 0x93c9  28
  OSPF database, Area 0.0.0.1
  Type      ID          Adv Rtr      Seq          Age  Opt  Cksum  Len
  Router    192.168.1.1  192.168.1.1  0x80000007   56 0x22 0x82c3  48
  OSPF AS SCOPE link state database
  Type      ID          Adv Rtr      Seq          Age  Opt  Cksum  Len
  Extern    172.18.1.0   192.168.1.1  0x80000005   96 0x22 0x374c  36
  
```

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

- A. The device is not an AB

The device originated the 192.168.1.2 database entry.
 B: The device originated the 192.168.1.1 database entry.

Answer: BD

NEW QUESTION 70

Click the Exhibit button.

```

user@route> show route 0/0 extensive
inet.0: 20874 destinations, 41585 routes (20873 active, 0 holddown, 1 hidden)
0.0.0.0/0 (2 entries, 1 announced)
TSI:
KRT in-kernel 0.0.0.0/0 -> {indirect (262142)}
OSPF area : 0.0.0.0, LSA ID : 0.0.0.0, LSA type : Extern
  *Aggregate Preference: 130
    Next hop type: Indirect
    Address: 0x157d018
    Next-hop reference count: 36000
    Next hop type: Router, Next hop index: 262143
    Next hop: 172.16.0.1 via ge-0/0/3.0, selected
    Next hop: 172.16.4.5 via ge-0/0/4.0
    Protocol next hop: 172.16.1.1
    Indirect next hop: 139c570 262142
    State: <Active Int Ext>
    Local AS: 14203
    Age: 15:18    Metric2: 0
    Task: Aggregate
    Announcement bits (3): 0-KRT 2-OSPF 7-Resolve tree 2
    AS path: I
      Flags: Generate Resolve Depth: 1    Active
    Contributing Routes (7597):
      144.91.0.0/16 proto BGP
      144.243.212.0/24 proto BGP
      144.243.214.0/24 proto BGP
      146.149.32.0/19 proto BGP
      146.222.124.0/24 proto BGP
      146.222.128.0/24 proto BGP
      146.222.134.0/24 proto BGP
      146.222.136.0/24 proto BGP
      146.222.139.0/24 proto BGP
    
```

Referring to the exhibit, which type of route is displayed?

- A. martian
- B. static
- C. generate
- D. aggregate

Answer: C

NEW QUESTION 75

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 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-0/0/12.0
- D: ge-0/0/9.0

Answer: D

NEW QUESTION 77

Click the Exhibit button.

```
[edit routing-options]
user@router# show | display inheritance no-comments
static {
  defaults {
    preference 20;
  }
  route 0.0.0.0/0 {
    next-hop 172.18.1.1;
    preference 5;
  }
  route 192.168.1.2/32 next-hop 172.20.111.10;
  route 192.168.2.0/30 next-hop [ 172.20.66.2 172.20.77.2 ];
  route 172.20.112.0/24 next-hop [ 172.20.66.2 172.20.77.2 ];
}
```

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

- A. Two next-hop interfaces should appear in the routing table for the 172.20.112.0/24 prefix.
- B. Multiple equal-cost next hops are installed in the forwarding table for the 192.168.2.0/30 prefix.
- C. The route preference is the same for each static route.
- D. Only the selected next-hop interface should appear in the forwarding table for the 172.20.112.0/24 prefix.

A.

Answer: AD

NEW QUESTION 80

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