

JN0-348^{Q&As}

Enterprise Routing and Switching, Specialist

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QUESTION 1

You want to use filter-based forwarding (FBF) to forward traffic sourced from subnet 10.0.0.0/24 to a specific destination.

Which two routing instance types would enable you to accomplish this task? (Choose two.)

- A. virtual switch
- B. virtual routing and forwarding
- C. virtual router
- D. forwarding

Correct Answer: CD

QUESTION 2

Which device is used to separate collision domains?

- A. switch
- B. router
- C. hub
- D. firewall

Correct Answer: A

QUESTION 3

Which two statements about DHCP snooping are correct? (Choose two.)

- A. DHCP snooping inspects all DHCP packets on untrusted ports.
- B. By default, the Junos OS treats access ports as trusted and trunk ports as untrusted.
- C. DHCP snooping uses ARP to add statically defined IP addresses to its database.
- D. The DHCP database maps IP addresses, MAC addresses, and the associated VLAN.

Correct Answer: AD

QUESTION 4

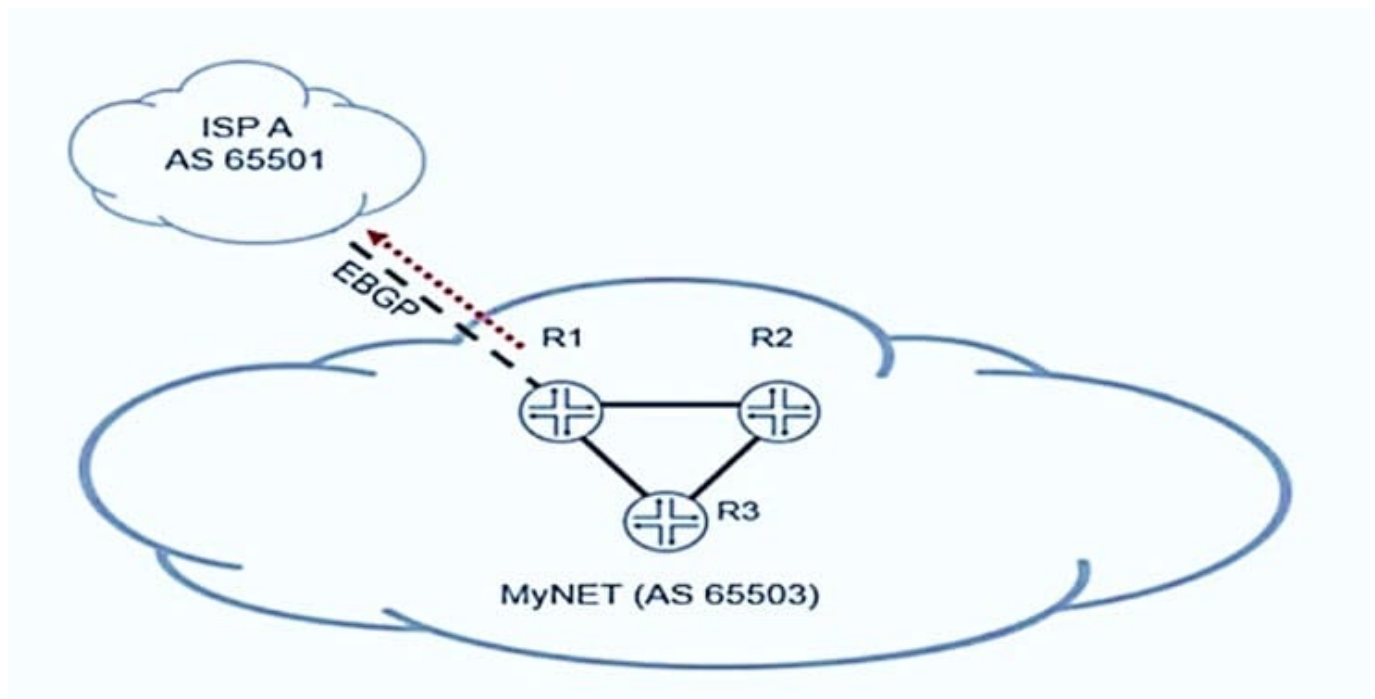
What are two reasons for configuring more than one VLAN on a switch? (Choose two.)

- 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 WAN.
- 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.

Correct Answer: AD

QUESTION 5

Click the Exhibit button.



Referring to the exhibit, which two statements about BGP prefixes advertised by R1 to AS 65501 are true? (Choose two.)

- A. R1 will modify the originator ID attribute in prefixes advertised to AS 65501
- B. R1 will modify the AS path attribute in prefixes advertised to AS 65501
- C. R1 will modify the next-hop attribute in prefixes advertised to AS 65501
- D. R1 will modify the cluster list attribute in prefixes advertised to AS 65501

Correct Answer: AC

QUESTION 6

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.

Correct Answer: A

QUESTION 7

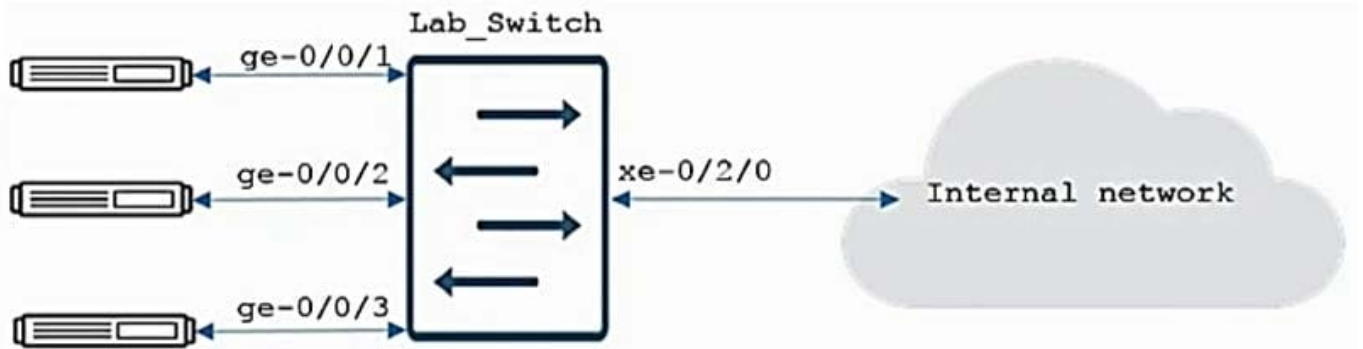
Which Junos feature allows you to combine multiple interfaces into a single bundle?

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

Correct Answer: C

QUESTION 8

Click the Exhibit button.



```
user@Lab_Switch> show spanning-tree interface
Spanning-tree is not enabled at global level.
```

```
user@Lab_Switch> show interfaces descriptions
Interface      Admin Link Description
ge-0/0/1       up    up Lab Port 1
ge-0/0/2       up    up Lab Port 2
ge-0/0/3       up    up Lab Port 3
xe-0/2/0       up    up internal network
```

You want to prevent rogue BPDUs from lab devices reaching the internal through the Lab_Switch device. Referring to the exhibit, what should be done to accomplish this task?

- A. Configure the three lab ports as edge ports
- B. Configure an input filter on interface xe-0/2/0 to discard the RSTP packets
- C. Configure the three lab ports under the protocols layer2-control bpdu-block hierarchy on the switch
- D. Configure protocols rstp with the bpdu-block-on-edge parameter for interface xe-0/2/0

Correct Answer: C

QUESTION 9

Click the Exhibit button.

```
[edit protocols bgp]
user@router# show
preference 150;
keep all;
mtu-discovery;
export static-1;
remove-private;
tcp-mss 4096;
group one {
    export static-2;
    peer-as 2;
    neighbor 10.1.0.1 {
        export static-3;
    }
}
group two {
    type internal;
    local-address 192.168.1.11;
    export static-4;
    local-as 1;
    neighbor 192.168.1.12;
    neighbor 192.168.1.13
}
```

Referring to the exhibit, which policy will export routes to IBGP peers?

- A. static-3
- B. static-4
- C. static-1
- D. static-2

Correct Answer: B

QUESTION 10

You are adding a new EX4300 member switch to your existing EX4300 Virtual Chassis. However, the new member is not running the same Junos version as the other members.

By default, what is the expected behavior in this scenario?

- A. the Virtual Chassis will transition into a split brain situation between the existing master Routing Engine and the switch running the different version.
- B. The new switch will automatically pull the correct version from the master Routing Engine and perform the necessary upgrade.
- C. The new switch will be assigned a member ID and then placed in an inactive state.
- D. The new switch is not recognized by the Virtual Chassis.

Correct Answer: C

QUESTION 11

Click the Exhibit button.

```
{master:0}
user@switch> show spanning-tree interface
```

Spanning tree interface parameters for instance 0

| Interface | Port ID | Designated port ID | Designated bridge ID | Port Cost | State | Role |
|-------------|---------|-----------------------|-------------------------|--------------|-------|------|
| ge-0/0/8.0 | 128:521 | 128:521 | 8192.50c58daedb41 | 200 | FWD | DESG |
| ge-0/0/9.0 | 64:522 | 64:522 | 8192.50c58daedb41 | 2000 | FWD | DESG |
| ge-0/0/14.0 | 240:527 | 240:527 | 8192.50c58daedb41 | 20000 | FWD | DESG |
| ge-0/0/15.0 | 128:528 | 128:528 | 8192.50c58daedb41 | 200000 | FWD | DESG |

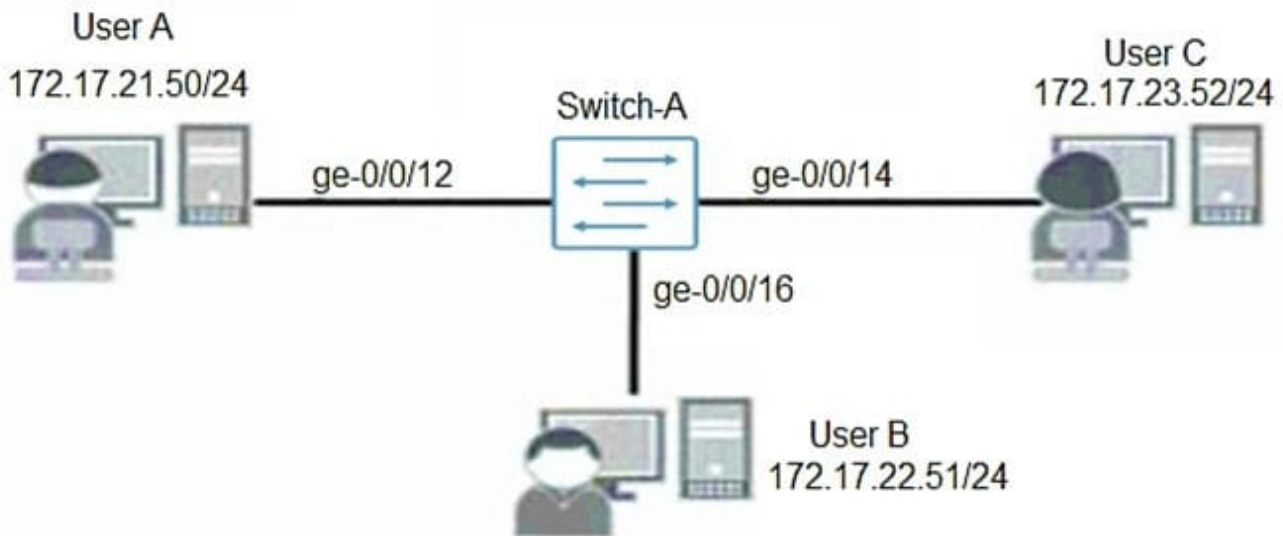
Based on the output shown in the exhibit, which statement is correct?

- A. This switch has been elected as the root bridge
- B. This switch has a bridge priority of 32k
- C. The ge-0/0/15 interface is using the default port cost
- D. The ge-0/0/9 interface is using the default priority value

Correct Answer: A

QUESTION 12

Click the Exhibit button.



In the exhibit, each IP subnet in the network is associated with a unique VLAN ID. Which action will ensure that Host C will communicate with Host A and Host B?

- A. Configure an IRB interface for each VLAN and associate it with its corresponding VLAN
- B. Configure a port-based ACL that permits inter-VLAN routing for all configured VLANs
- C. Configure all switch ports connecting to the host devices as trunk ports associated with all VLANs
- D. Configure all switch ports connecting to the host devices as access ports associated with a common VLAN

Correct Answer: A

QUESTION 13

Which statement is correct about IS-IS link state PDUs?

- A. They are used to maintain link-state database synchronization.
- B. They are used to establish adjacencies.
- C. They are used to build the link-state database.
- D. They are used to determine whether the neighbors are Level 1 or Level 2.

Correct Answer: C

QUESTION 14

Click the Exhibit button.


```
[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;
}

[edit]
user@Router-2# show interfaces
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. Change the ISO areas on the lo0 interfaces to match on both routers.
- D. Remove the ISO address from ge-0/0/2 on Router-1.

Correct Answer: D

QUESTION 15

What are two characteristics of OSPF ABRs? (Choose two.)

- A. ABRs transmit routing information between the backbone and other areas.
- B. ABRs cannot be part of the backbone and another area at the same time.
- C. ABRs inject routing information from outside the OSPF domain.
- D. ABRs link two OSPF areas.

Correct Answer: AD

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