JN0-348 Q&As

Enterprise Routing and Switching, Specialist

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QUESTION 1

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 routers sent to ISP2.

D. You should prepend your local AS number three times on routes that you are sending to ISP2.

Correct Answer: D

QUESTION 2

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.

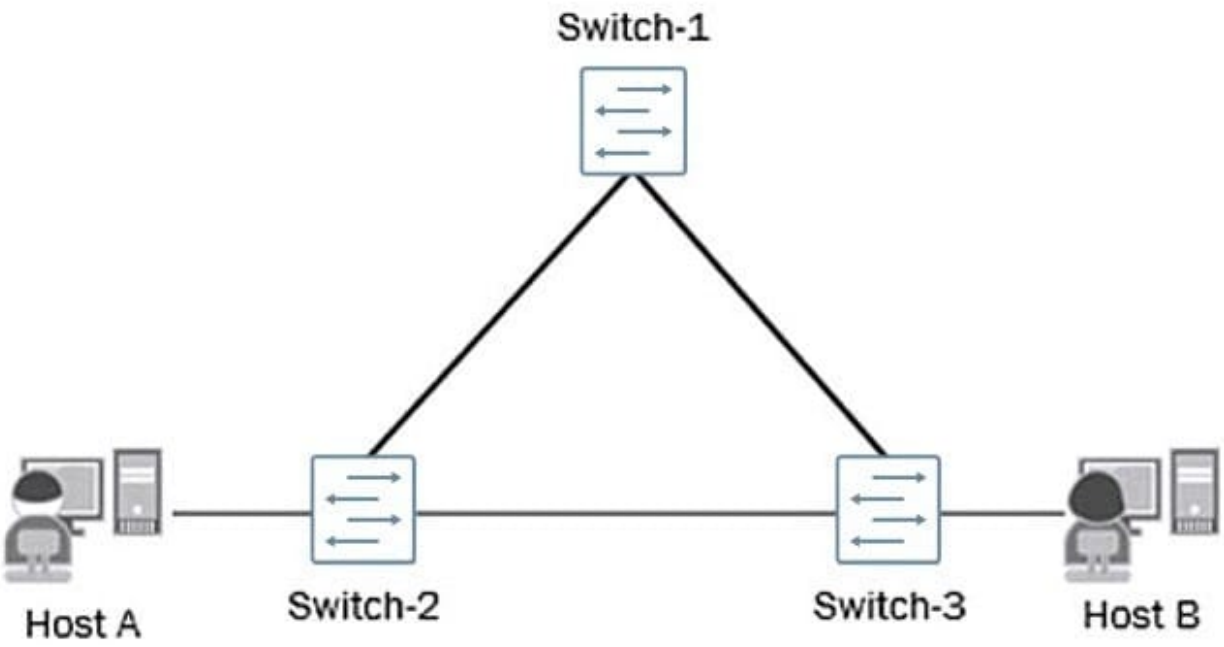
C. Change the ISO areas on the lo0 interfaces to match on both routers.

D. Remove the ISO address from ge-0/0/2 on Router-1.

Correct Answer: D

QUESTION 3

Click the Exhibit button.



A number of reports from end users indicate that internal and external communications are intermittent and not reliable. You verified the status of the switch ports and have determined that they are up and operational. You also noticed a very high level of link bandwidth utilization on those same ports. The current topology of the affected environment is shown in the exhibit.

What would be the cause of the reported issues?

A. A misconfigured interior gateway protocol (IGP).

B. A lack of a loop-prevention mechanism or protocol.

C. A lack of port-based ACLs filtering the traffic flows.

D. A malformed route-based ACL improperly filtering traffic flows.

Correct Answer: B

QUESTION 4

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 5

Which two statements describe NSR? (Choose two.)

A. NSR requires GRES to function properly.

B. NSR provides routing loop protection.

C. NSR rapidly detects link failures.

D. NSR provides high availability with multiple Routing Engines.

Correct Answer: AD

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

Correct Answer: A

QUESTION 7

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 8

How many bytes of overhead are added to a packet traversing a GRE tunnel?

A. 20

B. 24

C. 12

D. 16

Correct Answer: B

QUESTION 9

You must implement filter-based forwarding. You need to direct traffic from the 192.168.1.0/24 through vr1 and traffic from 10.210.0.128/26 through vr2.

Which configuration is correct in this scenario?

```
firewall {
    family inet {
        filter fbf-filter1 {
            term match-192-subnet {
                from {
                    source-address {
                        192.168.1.0/26;
                    }
                }
                then {
                    routing-instance vr2;
                }
            }
            term match-10-subnet {
                from {
                    source-address {
                        10.210.0.128/26;
                    }
                }
                then {
                    routing-instance vr1;
                }
            }
        }
    }
```

A.

```
firewall {
    family inet {
        filter fbf-filter1 {
            term match-192-subnet {
                from {
                    source-address {
                        192.168.0.0/24;
                    }
                }
                then {
                    routing-instance vr1;
                }
            }
            term match-10-subnet {
                from {
                    source-address {
                        10.210.0.128/27;
                    }
                }
                then {
                    routing-instance vr2;
                }
            }
        }
    }
```

B.

```
firewall {
    family inet {
        filter fbf-filter1 {
            term match-192-subnet {
                from {
                    source-address {
                        192.168.2.0/26;
                    }
                }
                then {
                    routing-instance vr2;
                }
            }
            term match-10-subnet {
                from {
                    source-address {
                        10.20.1.128/26;
                    }
                }
                then {
                    routing-instance vr1;
                }
            }
        }
    }
```

C.

```
firewall {
    family inet {
        filter buf-filter1 {
            term match-192-subnet {
                from {
                    source-address {
                        192.168.1.0/24;
                    }
                }
                then {
                    routing-instance vr1;
                }
            }
            term match-10-subnet {
                from {
                    source-address {
                        10.210.0.128/26;
                    }
                }
                then {
                    routing-instance vr2;
                }
            }
        }
    }
```

D.

Correct Answer: D

QUESTION 10

Which two requirements must be satisfied before graceful restart will work? (Choose two.)

A. a stable network topology

B. a neighbor configured with BFD

C. a neighbor configured with graceful restart

D. a neighbor with an uptime greater than an hour

Correct Answer: AC

QUESTION 11

Click the Exhibit button.

```
[edit]
user@router# run show route protocol aggregate

inet.0: 9 destinations, 10 routes (9 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

172.12.16.0/20         *[Aggregate/130] 00:00:32
                              Discard
```

Given the route shown in the exhibit, which two prefixes contribute to the aggregate route? (Choose two.)

A. 172.12.31.0/24

B. 172.12.33.0/24

C. 172.12.30.0/24

D. 172.12.32.0/24

Correct Answer: AC

QUESTION 12

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

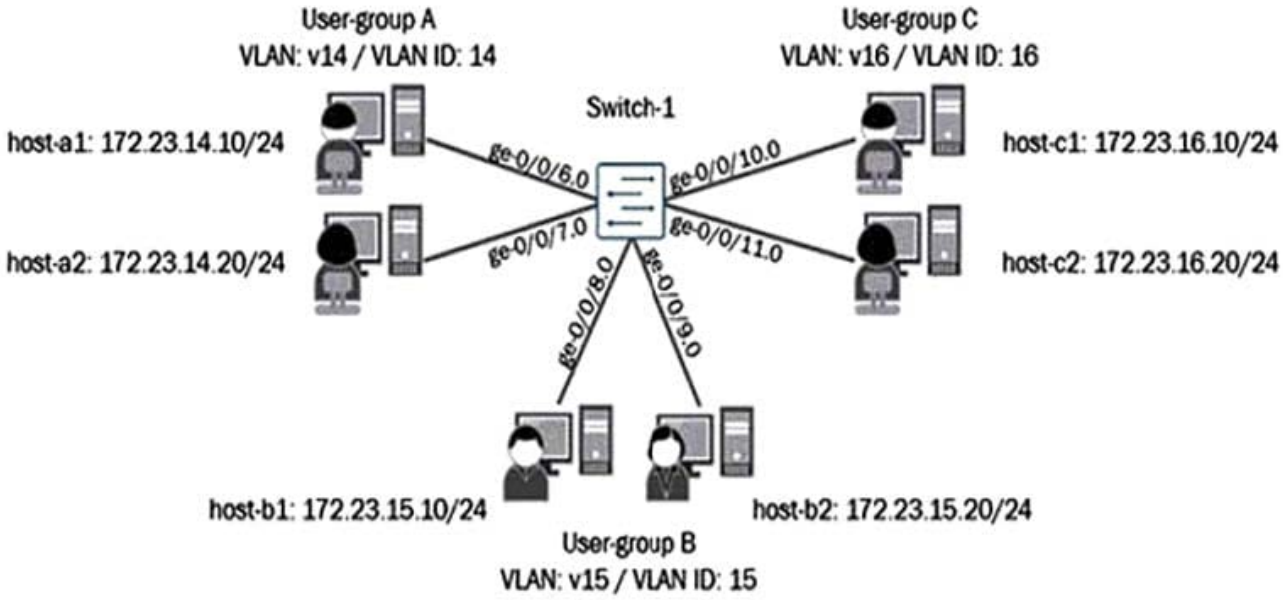
C. MAC limiting

D. 802.1X

Correct Answer: AB

QUESTION 13

Click the Exhibit button.



Referring to the exhibit, all users connected to the same VLAN can communicate with each other, but not with users on other VLANs in this network.

What must be configured to enable communication between the VLANs?

A. The switch ports to which the users are connected should be configured as trunk ports.

B. A separate routing device is required to forward traffic between the configured VLANs.

C. A logical IRB interface must be created and assigned to each VLAN.

D. A single logical IRB interface must be created and assigned to all three VLANs.

Correct Answer: C

QUESTION 14

Which statement is true about IP-IP tunnels?

A. Intermediate devices must have a route to the destination address of the traffic being tunneled.

B. Intermediate devices must have a route to both the tunnel source address and the tunnel destination address.

C. Intermediate devices must have a route to the tunnel destination address but do not require a route to the tunnel source address.

D. Intermediate devices must have a route to the tunnel source address but do not require a route to the tunnel destination address.

Correct Answer: C

QUESTION 15

How many bytes of overhead forms an IP-IP tunnel add to a packet?

A. 20 bytes

B. 24 bytes

C. 28 bytes

D. 14 bytes

Correct Answer: A