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JN0-648

Enterprise Routing and Switching, Professional (JNCIP-ENT)

Version 1.0

Exam A

QUESTION 1

Which BGP message type contains NLRI information?

A. notification
B. keepalive
C. update
D. open

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Click the Exhibit button.

```
user@router# show interfaces ge-0/0/1
description "Customer Port";
flexible-vlan-tagging;
native-vlan-id 150;
encapsulation extended-vlan-bridge;
unit 10 {
    vlan-id-list 100-200;
    input-vlan-map push;
    output-vlan-map pop;
}
user@router# show interfaces xe-0/0/48
description "Uplink Port";
vlan-tagging;
unit 10 {
    vlan-id 10;
}

user@router# show vlans v10
interface ge-0/0/1.10;
interface xe-0/0/48.10;
```

Referring to the exhibit, which two statements are true regarding Q-in-Q tunneling? (Choose two.)

A. The C-VLAN traffic will be encapsulated with an outer VLAN tag of 150.
B. The C-VLANs 100-200 will be sent as the inner VLAN tag.
C. The C-VLAN 150 will be sent as the inner VLAN tag.
D. The C-VLAN traffic will be encapsulated with an outer VLAN tag of 10.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
QUESTION 3
What is the correct authentication processing order on EX Series switches when multiple Layer 2 authentication methods are enabled?

A. MAC RADIUS –> 802.1X –> captive portal
B. 802.1X –> MAC RADIUS –> captive portal
C. 802.1X –> captive portal –> MAC RADIUSD. captive portal –> MAC RADIUS –> 802.1X

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4 You are implementing a single spanning tree instance in your network and want to use the protocol that will give you the best convergence time in the event of a physical network failure of the root bridge.

Which spanning tree protocol will satisfy this requirement?

A. RSTP
B. STP
C. MSTP
D. VSTP

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5 What are three well-known mandatory BGP attributes?
(Choose three.)

A. MED
B. AS-path
C. origin
D. next-hop
E. community

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
You have PIM SM multicast configured and running in a network environment comprised of EX4300 devices. Your customers report increased delay when switching channels using IPTV. To help decrease the delay, you implement PIM join load balancing. You add the `set protocols pim join-load-balance` command to the configuration. After committing, you notice that the flows are still using only one path.

In this scenario, which statement is correct?

A. The `clear pim join-distribution` command must be issued.
B. The interfaces must be specified to use for load balancing.
C. IGMP snooping must also be configured.

D. PIM join load-balancing only works for PIM-DM.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
You have configured CoS on a Junos device. A packet is classified as best effort by a behavior aggregate (BA) classifier, and as expedited forwarding by a multifield (MF) classifier.

Which statement is true in this scenario?

A. The packet will be placed in a queue associated with the BA classifier.
B. The packet will be placed into the queue which is least congested.
C. The packet will be placed into the queue that has the most bandwidth assigned to it.
D. The packet will be placed in a queue associated with the MF classifier.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8 You must ensure that all management traffic sourced from your Junos devices is set with a specific DSCP code-point value.

Which action will accomplish this task?

A. Apply the DSCP code-point to the `[edit class-of-service host-outbound-traffic]` hierarchy. B.
Apply the DSCP code-point to the `[edit class-of-service interface lo0.0]` hierarchy
C. Apply the DSCP code-point in an egress policer.
D. Apply the DSCP code-point to a rewrite rule.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Click the Exhibit button.

```
user@router-> show log ospf-trace.log
Oct 8 16:20:26.812781 OSPF packet ignored: no matching interface from
192.168.0.2, IFL 75
Oct 8 16:20:26.812804 Received OSPF packet of type and wire_length 1, 60
Oct 8 16:20:26.812807 OSPF rcvd Hello 192.168.0.2 -> 224.0.0.5 (ge-0/0/2.0
IFL 73 area 0.0.0.1)
Oct 8 16:20:26.812809   Version 2, length 48, ID 172.29.0.5, area 0.0.0.1
Oct 8 16:20:26.812810   checksum 0x0, authtype 0
Oct 8 16:20:26.812812   mask 255.255.255.252, hello_ivl 10, opts 0x18, prio
128
Oct 8 16:20:26.812814   dead_ivl 40, DR 192.168.0.2, BDR 0.0.0.0
Oct 8 16:20:26.812816   OSPF restart signaling: Received hello with LLS data
from nbr ip=192.168.0.2 id=172.29.0.5
Oct 8 16:20:26.812818 OSPF packet ignored: configuration mismatch from
192.168.0.2 on intf ge-0/0/2.0 area 0.0.0.1
Oct 8 16:20:26.812831 OSPF packet ignored: no matching interface from
192.168.0.2, IFL 72
Oct 8 16:20:30.520194 OSPF periodic xmit from 192.168.0.1 to 224.0.0.5 (IFL
73 area 0.0.0.1)
Oct 8 16:20:30.520546 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 75
Oct 8 16:20:30.520561 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 72
Oct 8 16:20:36.114424 OSPF packet ignored: no matching interface from
192.168.0.2, IFL 75
Oct 8 16:20:36.114447 Received OSPF packet of type and wire_length 1, 60
Oct 8 16:20:36.114449 OSPF rcvd Hello 192.168.0.2 -> 224.0.0.5 (ge-0/0/2.0
IFL 73 area 0.0.0.1)
Oct 8 16:20:36.114451   Version 2, length 48, ID 172.29.0.5, area 0.0.0.1
Oct 8 16:20:36.114452    checksum 0x0, authtype 0
Oct 8 16:20:36.114454   mask 255.255.255.252, hello_ivl 10, opts 0x18, prio
128
Oct 8 16:20:36.114455   dead_ivl 40, DR 192.168.0.2, BDR 0.0.0.0
Oct 8 16:20:36.114458   OSPF restart signaling: Received hello with LLS data
from nbr ip=192.168.0.2 id=172.29.0.5.
Oct 8 16:20:36.114460 OSPF packet ignored: configuration mismatch from
192.168.0.2 on intf ge-0/0/2.0 area 0.0.0.1
```

A router is attempting to form an OSPF neighborship with another router. However, the OSPF neighborship fails to establish completely.

Referring to the exhibit, what is the problem?

A. There is an interface type mismatch.
B. There is an interface subnet mask mismatch.
C. There is an OSPF area mismatch.
D. There is an interface MTU mismatch.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 10

You are currently using VLAN IDs 2 through 300 within your Layer 2 domain and you need to configure VSTP to prevent loops. You must ensure that all VLANs are loop free.

In this scenario, which statement is correct?

A. You must ensure that the VLANs are balanced between two different root bridges.
B. You must enable RSTP to account for all VLANs.
C. You must ensure that the bridge priority is set to the lowest value on all switches in the Layer 2 domain.
D. You must enable all VLANs, 2 through 300, under the VSTP configuration.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
What are two supported PoE management modes? (Choose two.)

A. class
B. standalone
C. static
D. mixed
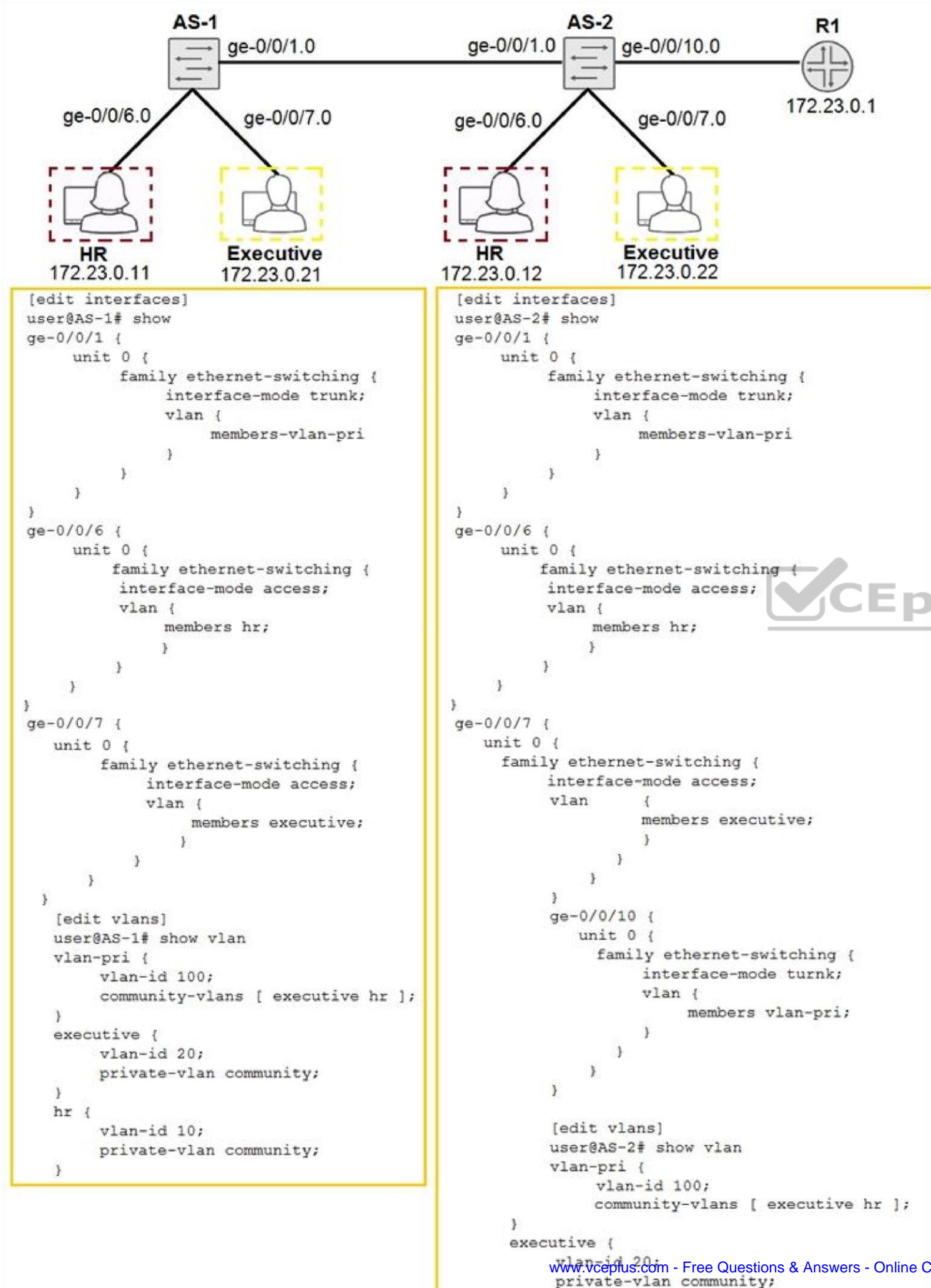
Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Click the Exhibit button.

Network diagram showing AS-1, AS-2, and R1 topology:
- AS-1 connected to AS-2 via ge-0/0/1.0
- AS-2 connected to R1 (172.23.0.1) via ge-0/0/10.0
- AS-1: ge-0/0/6.0 to HR (172.23.0.11), ge-0/0/7.0 to Executive (172.23.0.21)
- AS-2: ge-0/0/6.0 to HR (172.23.0.12), ge-0/0/7.0 to Executive (172.23.0.22)

```
[edit interfaces]
user@AS-1# show
ge-0/0/1 {
    unit 0 {
        family ethernet-switching {
            interface-mode trunk;
            vlan {
                members-vlan-pri
            }
        }
    }
}
ge-0/0/6 {
    unit 0 {
        family ethernet-switching {
        interface-mode access;
        vlan {
            members hr;
            }
        }
    }
}
ge-0/0/7 {
    unit 0 {
        family ethernet-switching {
            interface-mode access;
            vlan {
                members executive;
            }
        }
    }
}

    [edit vlans]
    user@AS-1# show vlan
    vlan-pri {
        vlan-id 100;
        community-vlans [ executive hr ];
    }
    executive {
        vlan-id 20;
        private-vlan community;
    }
    hr {
        vlan-id 10;
        private-vlan community;
    }
```

```
[edit interfaces]
user@AS-2# show
ge-0/0/1 {
    unit 0 {
        family ethernet-switching {
            interface-mode trunk;
            vlan {
                members-vlan-pri
            }
        }
    }
}
ge-0/0/6 {
    unit 0 {
        family ethernet-switching {
        interface-mode access;
        vlan {
            members hr;
            }
        }
    }
}
ge-0/0/7 {
    unit 0 {
        family ethernet-switching {
            interface-mode access;
            vlan    {
                members executive;
                }
            }
        }
    }
    ge-0/0/10 {
        unit 0 {
            family ethernet-switching {
                interface-mode turnk;
                vlan {
                    members vlan-pri;
                }
            }
        }
    }

    [edit vlans]
    user@AS-2# show vlan
    vlan-pri {
        vlan-id 100;
        community-vlans [ executive hr ];
    }
    executive {
        vlan-id 20;
        private-vlan community;
```

You recently implemented the configuration shown in the exhibit. After committing these changes, the community devices connected to AS-1 are not able to communicate with the appropriate community devices connected to AS-2.

What must be done to allow these community devices to communicate?

A. You must configure an isolation VLAN ID under the `vlan-pri` VLAN on the AS-2 switch.
B. You must configure the ge-0/0/10 interface on AS-1 as the inter-switch link
C. You must configure the ge-0/0/1 interface on both switches as the inter-switch links.
D. You must configure an isolation VLAN ID under the `vlan-pri` VLAN on both switches.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
Click the Exhibit button.

```
[edit]
uer@router# show policy-options
prefix-list known-ok-sites {
    10.10.0.0/16;
    12.233.0.0/18;
    172.16.0.0/24;
    192.168.12.0/24;
}

prefix-list known-dir-bcast-sites {
    10.2.0.0/16;
    12.233.45.0/24;
    172.16.0.3/32;
    192.168.1.0/24;

}
policy-statement prefix-list-policy {
    term 1 {
        from {
            prefix-list known-ok-sites;
        }
        then accept;
    }
    term 2 {
        from {
            prefix-list known-dir-bcast-sites;
         }
         then reject;
    }
    term 3 {
        from {
            route-filter 12.233.45.5/32 exact;
        }
        then next policy;
    }
}
```

The policy shown in the exhibit is applied as an export policy to your BGP neighborship.

Which action will be taken for route 12.233.45.5?

A. It will rejected by `term 2`.
B. It will be accepted by `term 1`.
C. It will be accepted by the default policy.
D. It will be evaluated by the next policy.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14 Which two statements are correct about a functional ESI LAG
interface? (Choose two.)

A. The LACP system ID must be the same.
B. The ESI values must be the same.
C. The LACP system ID must be different.
D. The ESI values must be different.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
You notice a mass withdrawal of routes for some of the network hosts. You determine that the link on the ESI interface is down.

Which route type is used in this scenario?

A. Type 2
B. Type 3
C. Type 1
D. Type 5

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
You have an MX960 configured as a Fusion aggregation device (AD) and two QFX5100 switches as satellite devices (SD). You have configured `local-switching` for each SD. A packet with an unknown MAC address is received on one of the SD extended ports.

Which statement is correct in this scenario?

A. The packet is dropped and a reject message is sent out to the port where it was received.
B. The packet is silently discarded and a reject message is sent to the AD.
C. The packet is flooded out of all the ports on the SD except the one where it was received.
D. The packet is sent to the AD to be processed and forwarded.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
When configuring class of service, what would you use to allocate bandwidth to a forwarding class?

A. buffer depth
B. transmit rate

C. bandwidth

D. speed

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
You are using 802.1X in your access network consisting of EX Series switches. You recently had a failure with your RADIUS server which resulted in authenticating client devices being denied access to the network. You want to change this behavior so that authenticating clients are directed to a remediation VLAN.

Which RADIUS server failback setting satisfies this requirement?

A. permit

B. move

C. sustain

D. deny

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19 You have configured class mode power management on an EX4300 to provide PoE power to telephone and security camera equipment. You want to ensure that security camera power takes priority over

telephone power. Which two actions would solve this problem? (Choose two.)

A. Connect the security cameras to the lowest port numbers on the switch.

B. Set the power priority to high on ports connected to security cameras.

C. Set the maximum power settings on ports connected to security cameras.

D. Set the power priority to low on ports connected to security cameras.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Click the Exhibit button.
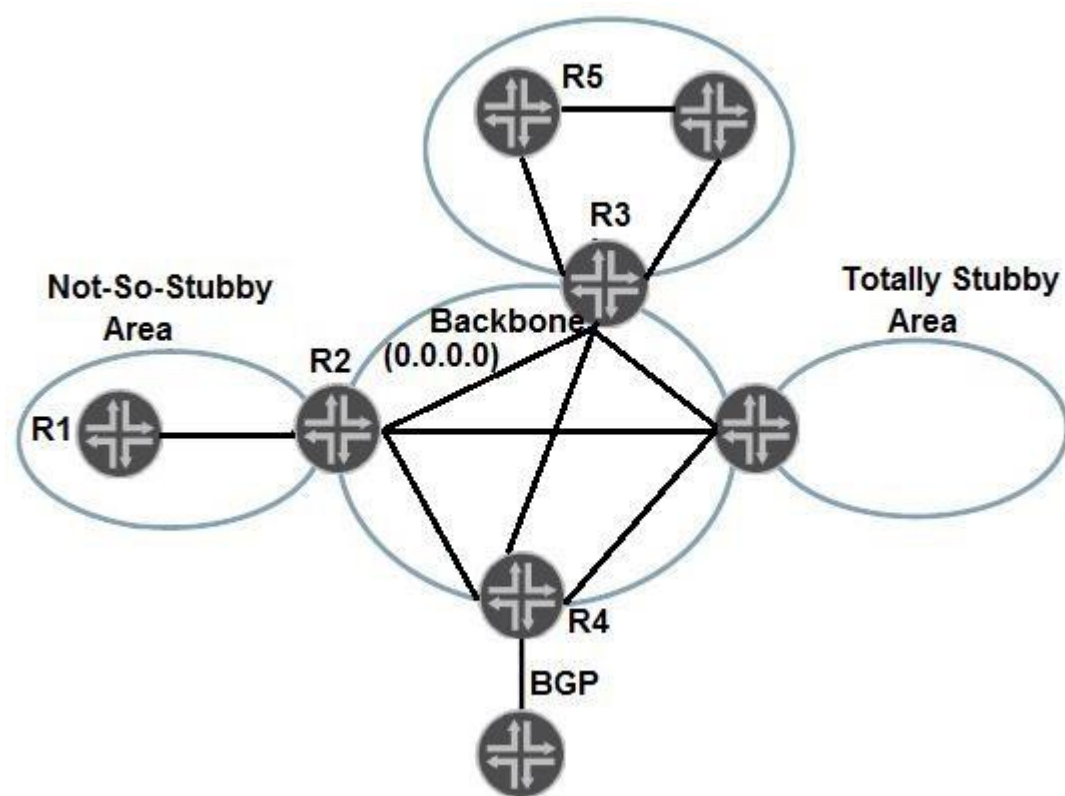
Referring to the exhibit, how is R5 able to learn the networks that exist within the NSSA?

A. R5 learns those networks from Type 3 LSAs advertised by R2.
B. R5 learns those networks from Type 3 LSAs advertised by R3.
C. R5 does not learn those networks and uses a default route advertised by R3 instead.
D. R5 does not learn those networks but uses a default route advertised by R2 instead.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Click the Exhibit button.

```
[edit]
user@Router-1# show
. . .
interfaces {
    ge-0/0/1 {
        unit 0 {
            family inet {
                address 10.50.50.1/24;
            }
            family inet6 {
                address 2001::1/64;
            }
        }
    }
    ge-0/0/2 {
        unit 0 {
            family inet {
                address 172.100.100.100/24;
            }
        }
    }
    lo0 {
        unit 0 {
            family inet {
                address 192.168.1.1/32;
            }
        }
    }
}
protocols {
    ospf3 {
        realm ipv4-unicast {
            area 0.0.0.0 {
                interface ge-0/0/2.0 {
                    passive:
                }
            }
        }
        area 0.0.0.0 {
            interface ge-0/0/1.0;
        }
    }
}

[edit]
user@Router-2# show
. . .
interfaces {
    ge-0/0/1 {
        unit 0 {
            family inet {
                address 10.50.50.2/32;
            }
            family inet6 {
                address 2001::2/64;
            }
        }
    }
    ge-0/0/2 {
        unit 0 {
            family inet {
                address 172.101.101.100/24;
```

There is a functioning OSPFv3 neighborship between Router-1 and Router-2 over the ge-0/0/1 link. However, the 172.100.100.0/24 and 172.101.101.100/24 routes are not being shared through OSPFv3. Referring

to the configuration shown in the exhibit, which two actions must you take to solve the problem? (Choose two.)

A. Add interface ge-0/0/1 under the IPv4 unicast realm for both routers.
B. Add the IPv6 family protocol under ge-0/0/2 for both routers.
C. Add the lo0 interface under OSPFv3 for both routers.
D. Add interface ge-0/0/2 under OSPFv3 for both routers.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22 You have multiple BGP routes to the same prefix with equal local-preference values and
AS-path lengths.

In this scenario, which route will be preferred in the route selection process?

A. The route with the least preferred origin value.
B. The route with the lowest MED value.
C. The route with the most preferred origin value.
D. The route with the highest MED value.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Click the Exhibit button.

```
[edit]
user@host# show interfaces
ge-1/2/0 {
    unit 0 {
      family inet {
            address 192.169.19.1/24;
            filter {
                input ingress;
            }
        }
    }
}

[edit firewall family inet filter ingress]
user@host#show
term1 {
      from {
            protocol icmp;
      }
      then {
            forwarding-class best-effort;
            accept;
      }
}
term 2 {
      from {
            source-address {
                192.168.20.0/24;
            }
      }
      then {
            forwarding-class expedited-forwarding;
            accept;
      }
}
```

Referring to the exhibit, you configured a new multifield classifier for the ge-1/2/0 interface to move ICMP traffic to the best-effort queue and traffic from 192.168.20.0/24 to the expedited forwarding queue. You received notice that some applications are not working after the change.

Which configuration change will remedy the problem? A.

```
  [edit firewall family inet filter ingress]
  user@host# set term 3 then next

  [edit firewall family inet filter ingress]
  user@host# set term 3 then accept
```

B.

```
[edit firewall family inet filter ingress]
user@host# set term 2 from protocol tcp

[edit firewall family inet filter ingress]
user@host# set term 2 from service-filter-hit
```

C.

D.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24 You have an IPv4 multicast network
configured as PIM-SM.

What must be done before replacing your static RP with auto-RP?

A. Enable sparse-dense mode on each of the routers in the network.
B. Configure auto-RP domains on each router in the network.
C. Configure each router in the network as a candidate BSR.
D. Enable each router in the network to forward multicast packets.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Click the Exhibit button.

```
[edit protocols]
user@switch# show lldp
advertisement-interval 30;
transmit-delay 4;
hold-multiplier 3;
ptopo-configuration-trap-interval 200;
ptopo-configuration-maximum-hold-time 400;
lldp-configuration-notification-interval 100;
interface all;
```

Referring to the exhibit, which TTL value will be sent to the LLDP neighbors?

A. 120 seconds
B. 400 secondsC. 90 seconds
D. 200 seconds

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:
QUESTION 26
Click the Exhibit button.

```
user@router> show ospf interface extensive
ge-0/0/0.0      PtToPt          0.0.0.0         0.0.0.0         0.0.0.0                 1
     Type: P2P, Address: 10.10.10.14, Mask: 255.255.255.252, MTU: 1500, Cost: 1
     Adj count: 1
     Hello: 10, Dead: 40, ReXmit: 5, Not Stub
     Auth type: None
     Protection type: None
     Topology default (ID 0) -> Cost: 1
ge-0/0/1.0              DR       0.0.0.0         172.29.0.4      172.29.0.2              1
     Type: LAN, Address: 10.10.10.10. Mask: 255.255.255.252, MTU: 1500, Cost: 1
     DR addr: 10.10.10.10, BDR addr: 10.10.10.9, Priority: 128
     Adj count: 1
     Hello: 10, Dead: 40, ReXmit: 5, Not Stub
     Auth type: None
     Protection type: None
     Topology default (ID 0) -> Cost: 1
```

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

A. There can be more than one OSPF neighbor on the ge-0/0/1 interface.
B. There can be more than one OSPF neighbor on the ge-0/0/0 interface.
C. There is no need for a DR for the ge-0/0/0 interface.
D. The DR election process is not finished for the ge-0/0/0 interface.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Click the Exhibit button.

```
{master:0} [edit]
user@switch# show interfaces ge-0/0/1
unit 0 {
        family ethernet-switching {
                interface-mode access:
                vlan {
                        members data;
                }
        }
}

{master:0} [edit]
user@switch# show protocols lldp-med
interface ge-0/0/1;

{master:0} [edit]
user@switch# show switch-options
voip {
        interface ge-0/0/1.0 {
                vlan voice;
                forwarding-class expedited-forwarding;
        }
    }

{master:0} [edit]
user@switch# show vlans
data {
        vlan-id 20;
        13-interface irb.20;
}
voice {
        vlan-id 30;
}
```

You have a workstation and a VoIP phone connected to port ge-0/0/1 on an access switch.

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

A. Frames that exit interface ge-0/0/1 on the data VLAN will be tagged.
B. The phone will automatically be assigned a VLAN ID.
C. Voice frames that enter interface ge-0/0/1 will be forwarded as expedited forwarding traffic.
D. All frames that exit interface ge-0/0/1 will belong to the data VLAN.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Click the Exhibit button.
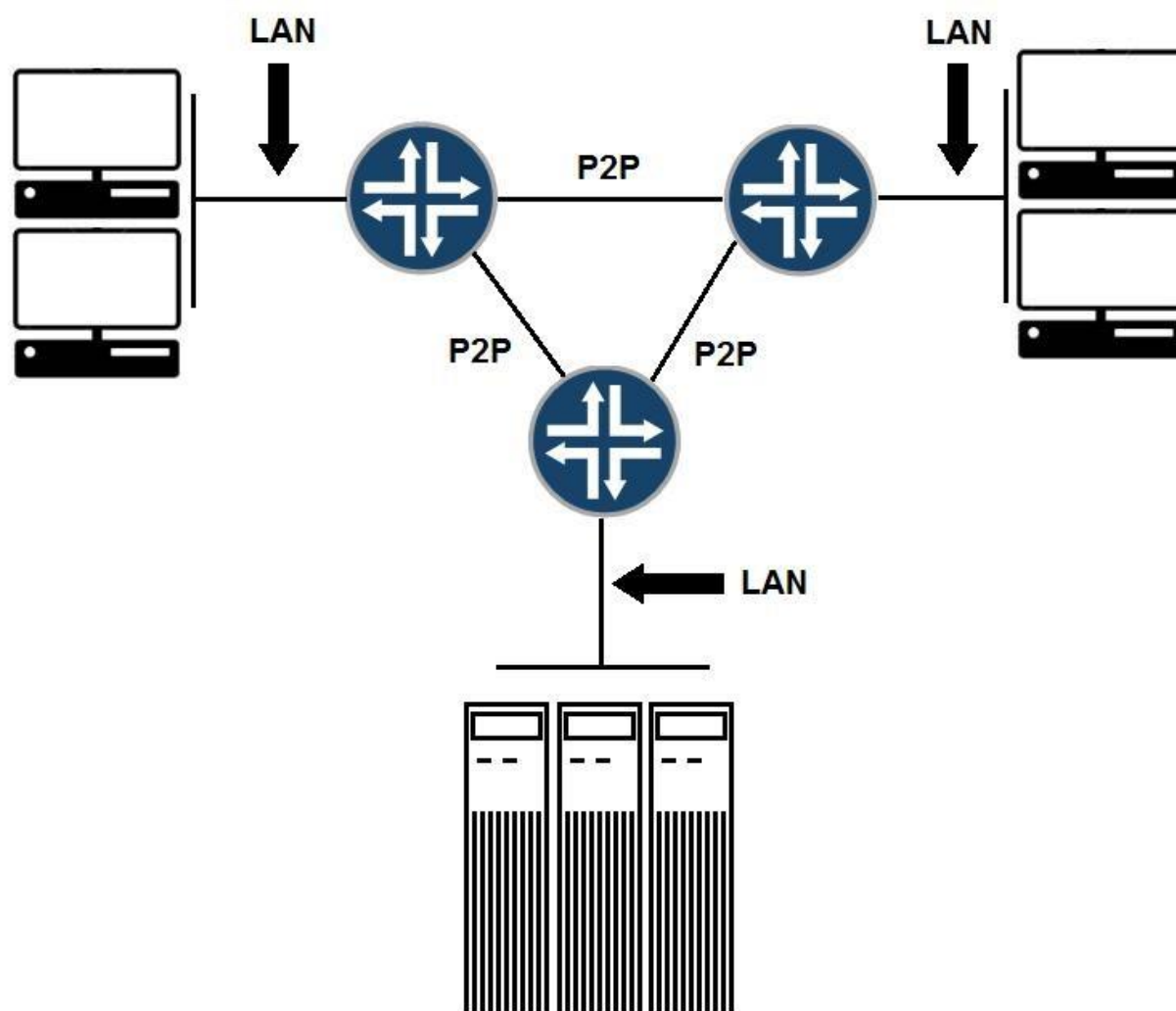
Referring to the exhibit, which two statements are true with regards to deploying CoS? (Choose two.)

A. You should apply MF classifiers on the LAN-facing interfaces of the routers.
B. You should apply MF classifiers on the point-to-point interfaces of the routers.
C. You should apply BA classifiers on the point-to-point interfaces of the routers.
D. You should apply BA classifiers on the LAN-facing interfaces of the routers.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Click the Exhibit button.
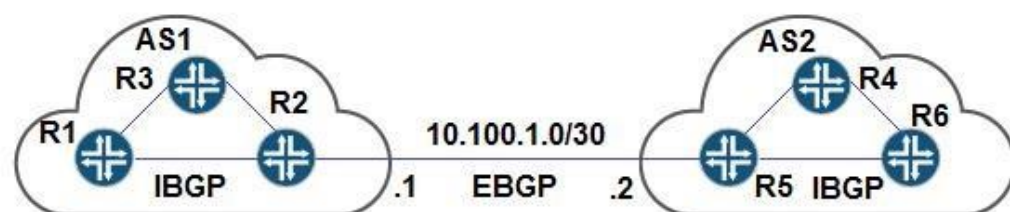
```
user@R2> show route 100.0.0.0/16 terse

inet.0: 1400327 destinations, 14000327 routes (14000326 active, 0 holddown, 1 hidden)
+= Active Route, - = Last Active, * = Both

A V Destination        P Prf    Metric 1   Metric 2  Next hop      AS path
* 100.0.0.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
* 100.0.1.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
* 100.0.2.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
* 100.0.3.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
* 100.0.4.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
* 100.0.5.0/24         I 165       100                >10.254.31.2
                       B 170       100                >10.254.31.2    I
. . .
```

Referring to the exhibit, you must advertise the 100.0.0.0/16 routes from AS1 to AS2, but R2 is not advertising any BGP routes to R5.

Why is this happening in this scenario?

A. The IBGP routes will not be advertised because you must use a policy to advertise IBGP routes.
B. The IBGP routes are not active and EBGP will advertise only active routes.
C. The IBGP routes will not be advertised because the AS path shows as incomplete.
D. The IBGP routes are not active because the next hop is not reachable.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
You are implementing 802.1X authentication in your Layer 2 network. Each user will have a computer and a phone. The phones are not able to use an 802.1X supplicant, but traffic must be accepted once the user has authenticated their computer on the port.

In this scenario, which supplicant mode should be used?

A. captive-portal
B. single
C. multiple

D. single-secure

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Click the Exhibit button.

```
user@R1> show pim rps
Instance: PIM.master

address-family INET
RP address      Type        Mode      Holdtime      Timeout  Groups    Group prefixes
10.222.1.2      bootstrap   sparse    150           146      0         224.0.0.0/4

address-family INET6

user@R2> show route 10.0.1.1

inet.0: 20 destinations, 20 routes (20 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

10.0.1.0/24     *[OSPF/10] 00:07:30, metric 2
                > to 10.222.0.10 via ge-1/1/4.200

user@R2> show pim statistics | match "register|type"
PIM Message type          Received   Sent  Rx errors
V2 Register               0          0     0
V2 Register Stop          0          0     0
V1 Register               0          0     0
V1 Register Stop          0          0     0
AutoRP Unknown type       0
Anycast Register          0          0     0
Anycast Register Stop     0          0     0
```

All routers are MX Series devices
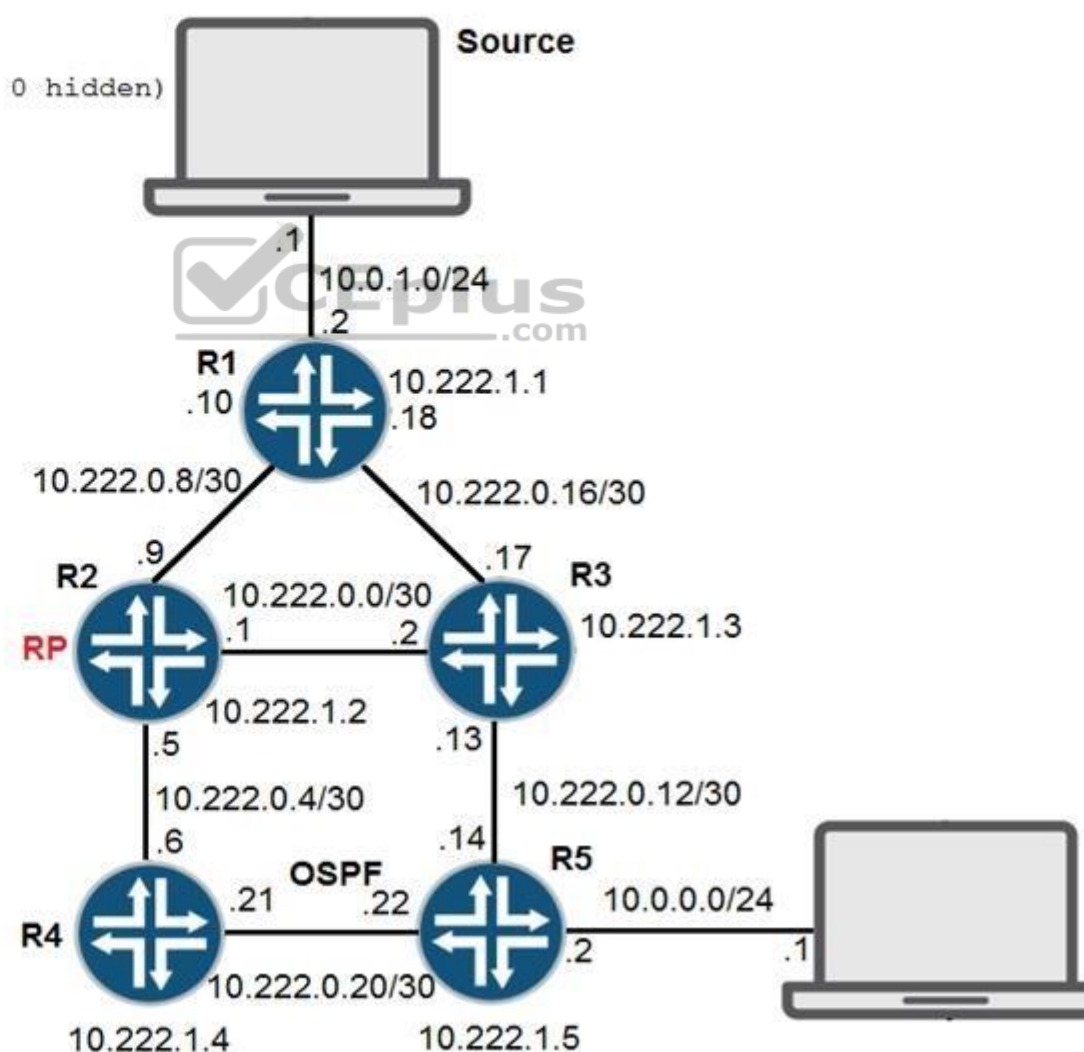
Referring to the exhibit, the source is currently sending multicast traffic using group 224.1.1.1, which is being received by R1. R2 is not receiving PIM register messages.

What would be the cause of this problem?
A. Tunnel services have not been enabled on R1.

B. All routers have not been configured with the same Auto-RP discovery group.
C. R5 has not received an IGMP report of 224.1.1.1.
D. A(*,G) tree has not been built yet.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Your company has expanded into office space across the street. The new office space has a single Ethernet connection connected to an unmanaged switch. You must sort traffic based on the IP address into different VLANs once the traffic arrives on your EX Series switches.

Which mechanism would you use to accomplish this task?

A. MVRP
B. filter-based VLANs
C. Q-in-Q tunneling
D. dynamic VLANs

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33 Which protocol is used for port-level access control and authentication?

A. MD5
B. IPsec
C. 802.1X
D. AES

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34 Which type of BGP is used to peer with a different autonomous system?

A. external
B. classless
C. dynamic
D. static

Correct Answer: A
Section: (none)
Explanation
Explanation/Reference:

QUESTION 35 Which statement is
correct about MSTP?

A. MSTP enables mapping multiple independent spanning-tree instances onto one physical topology.
B. MSTP enables dynamic discovery of Layer 2 neighbors.
C. MSTP dynamically manages VLAN registration in a LAN.
D. MSTP uses stacked VLAN tags to extend a Layer 2 Ethernet connection between multiple sites.
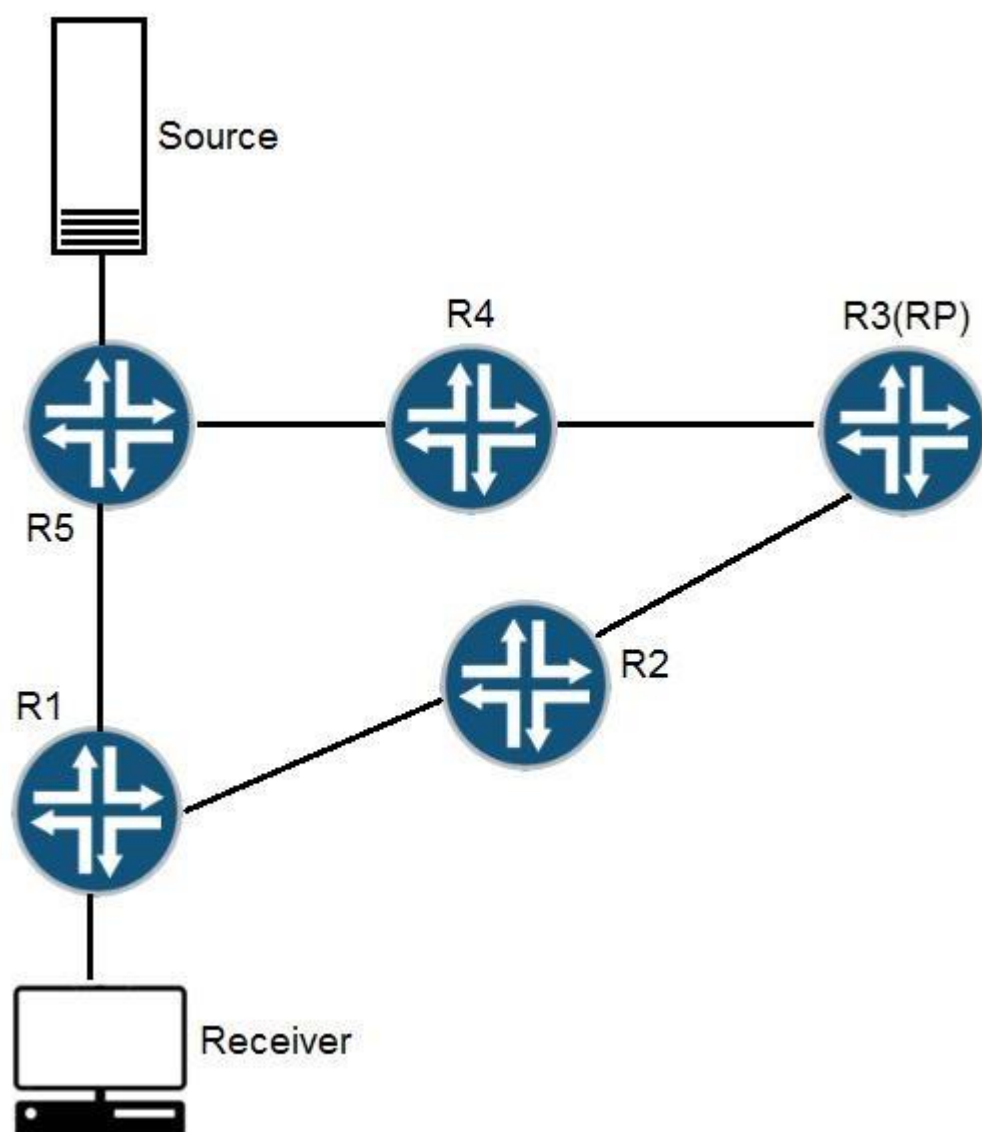
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Click the Exhibit button.

Referring to the exhibit, a PIM-SM network is set up to enable communication between multicast devices.
Which statement is true in this scenario?

A. After the formation of the shortest-path tree, a prune message is sent from R1 to R5.

B. After the formation of the shortest-path tree, a prune message is sent from R1 to R2.
C. After the formation of the shortest-path tree, a join message is sent from R5 to R1.
D. After the formation of the shortest-path tree, a join message is sent from R1 to R5.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37 A BA classifier, input policer, and a multifield classifier are applied
to an interface.

In which order are these features processed?

A. policer –> BA classifier –> multifield classifier
B. policer –> multifield classifier –> BA classifier
C. multifield classifier –> BA classifier –> policer
D. BA classifier –> multifield classifier –> policer

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38 You are deploying PIM source-specific multicast (SSM) for a new multicast messaging service. You have configured the multicast source to use 235.44.123.100 as the multicast address. You are not able to join the PIM SSM

multicast feed. Which two solutions would resolve this problem? (Choose two.)

A. Reconfigure the multicast source to use an address in the range of 224.0.0.0 through 224.255.255.255.
B. Reconfigure the multicast source to use an address in the range of 232.0.0.0 through 232.255.255.255.
C. Add the multicast address to the `[edit routing-options multicast ssm-map]` stanza.
D. Add the multicast address to the `[edit routing-options multicast ssm-groups]` stanza.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39 Which protocol is a multicast
routing protocol?

A. OSPF
B. BGP
C. PIM
D. IS-IS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Click the Exhibit button.

```
{master:0} [edit]
user@router# show firewall three-color-policer main-policer
action {
    loss-priority high then discard;
}
single-rate{
    color-aware;
    committed-information-rate 40m;
    committed-burst-size 100k;
    excess-burst-size 200k;
}
```

You have configured and applied the policer shown in the exhibit to your Junos device.

Which statement is true in this scenario?

A. Traffic exceeding the committed-burst size will be marked with a loss priority of high.
B. Traffic exceeding the excess-burst size will be discarded.
C. Traffic exceeding the committed-information-rate will be rate limited.
D. Traffic exceeding the committed-burst size will be discarded.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 When configuring 802.1X authentication, what are three server fail fallback settings?
(Choose three.)

A. log
B. sustain
C. permit
D. count
E. move

Correct Answer: BCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
Your network is configured for EVPN load balancing on three different access switches. During an outage, you notice that not all interfaces are receiving traffic as expected.
Which two requirements would you validate to identify this problem? (Choose two.)

A. Validate that the same `esi` value is configured on multiple interfaces on all switches.
B. Validate that the `all-active` flag is configured for multiple interfaces on each switch.
C. Validate that `all-active` is configured for only one interface per switch.
D. Validate that the same `esi` value is only configured on one interface per switch.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43 You are redistributing static routes into an

OSPF area. Which two statements are true in this scenario?

(Choose two.)

A. The routes can be advertised in type 7 LSAs.
B. The area must be a stub area.
C. The external route advertisements have a domain scope.
D. The area must be the backbone area.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44 You want to view the VLANs that have been created
dynamically using MVRP.

Which operational mode command will display this information?

A. `show mvrp registration-state`

B. `show mvrp dynamic-vlan-memberships`

C. `show mvrp interface`

D. `show mvrp applicant-state`

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Click the Exhibit button.
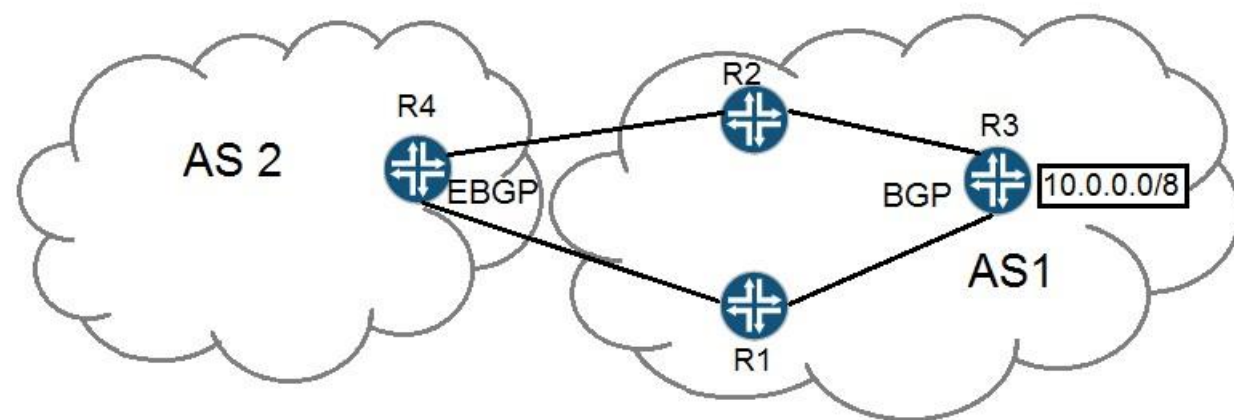
Which well-known community needs to be used to restrict 10.0.0.0/8 from being advertised to AS 2?

A. no-publish
B. no-advertise
C. no-export-subconfed
D. no-export

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Click the Exhibit button.

```
user@ router> show log ospf-trace.log.
Oct  8 16:37:18.283700 OSPF restart signaling: Received hello with LLS data
from nbr ip=192.168.0.2 id=172.29.0.5.
Oct  8 16:37:18.283719 OSPF restart signaling: Received hello with LR bit set
from nbr ip=192.168.0.2 id=172.29.0.5. Set oob-resync capability 1.
Oct  8 16:37:18.283722 RPD_OSPF_NBRUP: OSPF neighbor 192.168.0.2 (realm ospf-
v2 ge-0/0/2.0 area 0.0.0.1) state changed from Init to 2Way due to 2WayRcvd
(event reason: neighbor detected this router)
Oct  8 16:37:18.284546 OSPF restart singaling:Save_packet length 60 :
Oct  8 16:37:18.284568 OSPF packet ignored: no matching interface from
192.168.0.2, IFL 72
Oct  8 16:37:18.284580 OSPF packet ignored: no matching interface from
192.168.0.2, IFL 75
Oct  8 16:37:18.284810 OSPF restart singaling: set L bit in hellos sent on
interface ge-0/0/2.0.
Oct  8 16:37:18.284816 OSPF sent Hello 192.168.0.1 -> 224.0.0.5 (ge-0/0/2.0
IFL 76 area 0.0.0.1)
Oct  8 16:37:18.284818  Version 2, length 48, ID 172.29.0.4, area 0.0.0.1
Oct  8 16:37:18.284819  mask 255.255.255.252, hello_ivl 10, opts 0x18, prio
128
Oct  8 16:37:18.284820  dead_ivl 40, DR 0.0.0.0, BDR 0.0.0.0
Oct  8 16:37:18.284821 OSPF restart signaling: Add LLS data for Hello packet
on interface ge-0/0/2.0.
Oct  8 16:37:18.285485 OSPF DR is 172.29.0.5, BDR is 172.29.0.4
Oct  8 16:37:18.285494 OSPF restart signaling: Send DBD with LR bit on to nb
ip=192.168.0.2 id=172.29.0.5
Oct  8 16:37:18.285568 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 75
Oct  8 16:37:18.285580 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 72
Oct  8 16:37:18.285586 OSPF restart singaling: set L bit in hellos sent on
interface ge-0/0/2.0.
Oct  8 16:37:18.285588 OSPF sent Hello 192.168.0.1 -> 224.0.0.5 (ge-0/0/2.0
IFL 76 area 0.0.0.1)
Oct  8 16:37:18.285589  Version 2, length 48, ID 172.29.0.4, area 0.0.0.1
Oct  8 16:37:18.285590  mask 255.255.255.252, hello_ivl 10, opts 0x18, prio
128
Oct  8 16:37:18.285591  dead_ivl 40, DR 192.168.0.2, BDR 192.168.0.1
Oct  8 16:37:18.285592 OSPF restart signaling: Add LLS data for Hello packet
on interface ge-0/0/2.0
Oct  8 16:37:18.285760 OSPF restart signaling: Add LLS data for DbD packet on
interface ge-0/0/2.0.
Oct  8 16:37:18.286566 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 72
Oct  8 16:37:18.286579 OSPF packet ignored: no matching interface from
192.168.0.1, IFL 75
```

A router is attempting to form an OSPF neighborship with another router. However, the OSPF neighborship fails to establish completely.

Referring to the exhibit, what is the problem?

A. There is an interface type mismatch.
B. There is an OSPF area mismatch.
C. There is an interface subnet mask mismatch.
D. There is an interface MTU mismatch.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47 Your IPv4 multicast network uses different MX Series routers for the source DR and the PIM sparse-mode RP.

What is required before PIM register messages are exchanged between the DR and RP routers?

A. Add a tunnel services PIC to the RP router.
B. Add an adaptive services PIC to the DR router.
C. Enable tunnel services on the DR and RP routers.
D. Configure PIM encapsulation on the DR and RP routers.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
Click the Exhibit button.

	AS-Path	MED	Local Preference	Origin
ISP-A	100 200 1	50	100	I
ISP-B	3000 1500	50	100	E
ISP-C	5000 4000	50	100	?
ISP-D	1000 7000	50	100	!

You receive the same 75.100.0.0/16 route from all four ISPs to which you are connected.

Referring to the exhibit, which ISP's route will be selected as active?

A. ISP-D
B. ISP-C
C. ISP-B
D. ISP-A

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Click the Exhibit button.

```
user@ switch> show vlans s-vlan-name extensive

VLAN: svlan, Created at: Thu Oct 23 16:53:20 2016
802.1Q Tag: 300, Internal index: 2, Admin State: Enabled, Origin: Static
Dot1q Tunneling Status: Enabled
Customer VLAN ranges:
                        101-200
Protocol: Port Mode
Number of interfaces: Tagged 1 (Active = 0), Untagged 1 (Active = 0)
     xe-0/0/1, tagged, trunk
     xe-0/0/2, untagged, access
     xe-0/0/3, untagged, access
     xe-0/0/4, untagged, access
```

During an outage, you review the status of the Q-in-Q implementation on VLAN 300.

Referring to the exhibit, what would be the cause of the outage?

A. The S-VLAN is disabled.
B. The VLAN range overlaps.
C. The C-VLANs are disabled.
D. There are no active ports.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50 Your network has Junos Fusion configured with MX960 routers as aggregation devices (AD) and QFX5100 switches as satellite devices (SD).

Which two statements are correct in this scenario? (Choose two.)

A. All SDs connected to a single AD must use the same software version.
B. SDs are added to the AD by configuring the cascade port on the AD.
C. The Fusion extended ports are configured on the SDs.
D. The AD runs the Junos software for all its connected SDs.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Click the Exhibit button.

	AS-Path	MED	Local Preference	Origin
ISP-A	100 200 1	50	150	?
ISP-B	3000 1500	50	100	E
ISP-C	5000 4000	50	100	I
ISP-D	1000 7000	50	100	I

You receive the same 100.200.0/16 route from all four ISPs to which you are connected.

Referring to the exhibit, which ISP's route will be selected as active?

A. ISP-C
B. ISP-D
C. ISP-A
D. ISP-B

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
Click the Exhibit button.

```
user@switch-1> show spanning-tree mstp configuration
MSTP information
Context identifier      : 0
Region name             : L2-MSTP
Revision                : 1
Configuration digest    : 0x8edc0c5699e5c50ec011c3858a3802cf

MSTI Member VLANs
    0 0-10, 13-14, 16-4094
    1 11, 15
    2 12


user@switch-2> show spanning-tree mstp configuration
MSTP information
Context identifier      : 0
Region name             : L2-MSTP
Revision                : 1
Configuration digest    : 0xbe0284d20f4d46a8da89c5d9b3b4f78a

MSTI Member VLANs
    0 0-10, 13-4094
    1 11
    2 12
```

You have configured MSTP in your Layer 2 network. You are having problems with it establishing correctly.
Referring to the exhibit, what is causing the problem?

A. The region name is not correct.
B. You must assign a context ID number other than zero.
C. The MSTI-to-VLAN mapping does not match.
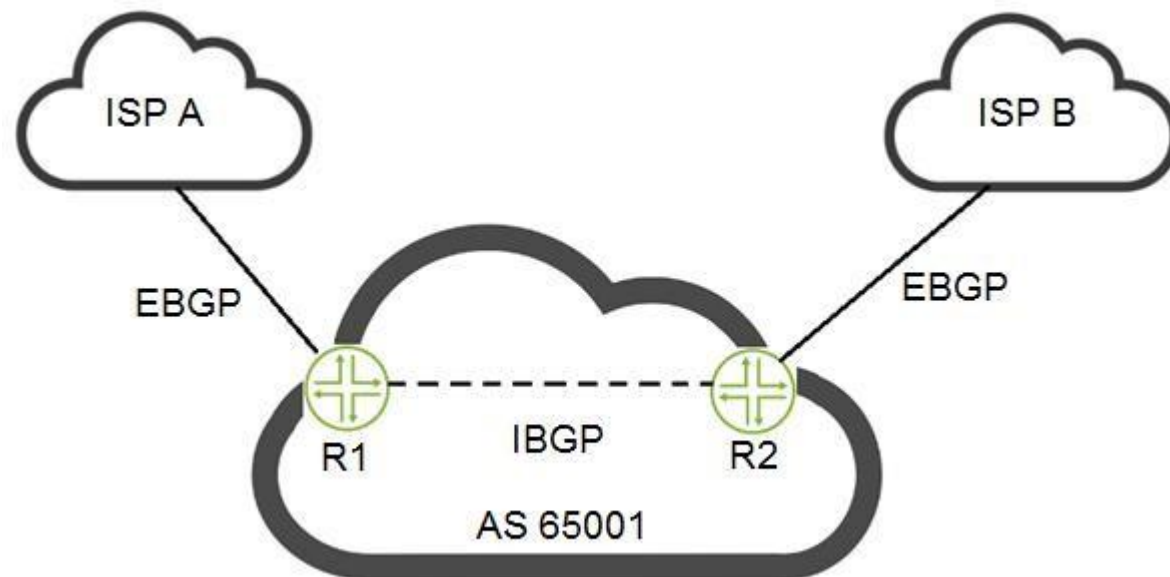D. The revision number is the same on both devices.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
Click the Exhibit button.

You are configuring BGP policies for a site with a dual-homed connection as shown in the exhibit. You must ensure that inbound traffic from Internet hosts flow through the ISP A connection.

Which statement is correct in this scenario?

A. Apply a BGP export policy to R2 to prepend [65001 65001 65001 65001 65001] to the AS path of routes advertised to ISP B.
B. Apply a BGP export policy on R1 to assign a lower MED value to routes advertised to ISP A.
C. Apply a BGP export policy on R2 to assign a lower origin value to routes advertised to ISP B.
D. Apply a BGP export policy on R1 to assign a higher local preference value to routes advertised to ISP A.
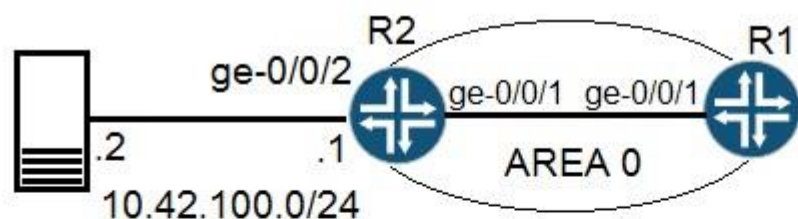
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
Click the Exhibit button.

```
user@R1> show route 10.42.100.0

inet.0: 61 destinations, 64 routes (61 active, 0
holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

10.42.100.0/24 * [OSPF3/150] 00:00:11, metric 0, tag 0
                > to 10.42.18.1 via ge-0/0/1.0
```

Referring to the exhibit, how is R1 learning the route from R2?

A. R2 has an export policy with external type 2 configured.
B. R2 has interface ge-0/0/2 configured as a passive interface under OSPFv3.
C. R2 has interface ge-0/0/2 configured in another area under OSPFv3.
D. R2 has an export policy with external type 1 configured.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55 Which two statements about OSPF routing policies are
correct? (Choose two.)

A. By default, OSPF export policies reject network-summary LSAs.
B. By default, OSPF export policies accept network-summary LSAs.C. By default, OSPF import policies accept network-summary LSAs.
D. By default, OSPF import policies reject network-summary LSAs.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56 Which two statements are true about IS-IS
levels? (Choose two.)

A. Level 1 systems use a default route to reach AS external routes located in other areas.
B. Level 2 systems must use the loopback address as a part of the ISO network address.
C. Level 1 systems only from adjacencies with other systems that have different area IDs.
D. Level 2 systems do not advertise Level 2 routes into a Level 1 area by default.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
Click the Exhibit button.

```
user@router> show ospf database router extensive

    OSPF database, Area 0.0.0.0
   Type    ID              Adv Rtr          Seq       Age Opt  Cksum  Len
Router   *101.101.101.101 101.101.101.101  0x80000066 849 0x22  0x71fc 348
      bits 0x0, link count 27
      id 10.8.1.1, data 10.8.1.1, Type Transit (2)
       Topology count: 0, Default metric: 1
      id 10.8.10.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.2.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.3.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.4.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.5.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.6.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.7.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.8.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 10.8.9.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 101.101.101.101, data 255.255.255.255, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.0.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.0.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.1.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.1.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.2.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.2.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.3.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.3.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.4.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.4.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.5.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.5.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
      id 11.11.11.11, data 71.1.6.1, Type PointToPoint (1)
       Topology count: 0, Default metric: 1
      id 71.1.6.0, data 255.255.255.252, Type Stub (3)
       Topology count: 0, Default metric: 1
```

Referring to the exhibit, which statement is correct?

A. This router is connected to 27 different areas.
B. This router is an ASBR.
C. This router is an ABR.
D. This router originated the LSA.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58 In IS-IS, advertising PDUs with the overload-bit
has which effect?

A. The local device will no longer be used for transit traffic.
B. The IS-IS adjacencies enter the "new" state.
C. The local device's PDUs are marked with a metric of 65535.
D. The IS-IS adjacencies become passive.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59 In a Layer 2 environment where 802.1X is deployed, which two statements are
correct? (Choose two.)

A. RADIUS messages are exchanged between the supplicant and the authenticator.
B. RADIUS messages are exchanged between the authenticator and the authentication server.
C. Extensible Authentication Protocol messages are exchanged between the authenticator and the authentication server.
D. Extensible Authentication Protocol messages are exchanged between the supplicant and the authenticator.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Click the Exhibit button.

```
user@MX1# show protocols bgp
group EVPN {
    local-address 10.0.0.1;
    family inet-vpn {
        unicast;
    }
    family evpn {
        signaling;
    }
    local-as 65001;
    multipath multiple-as;
    neighbor 10.0.0.2 {
        peer-as 65001;
    }
}

user@MX1# run show bgp summary
Groups: 1 Peers: 1 Down peers: 0
Table            Tot Paths Act Paths Suppressed  History  Damp State
    Pending
bgp.13vpn.0
                         0         0         0         0         0
         0
bgp.evpn.0
                         0         0         0         0         0
Peer            AS     InPkt    OutPkt     OutQ    Flaps    Last Up/Dwn
State | #Active/Received/Accepted/Damped...
10.0.0.2     65001       6         6         0        0              1:33
Establ
    bgp.13vpn.0: 0/0/0/0

user@MX2# show protocols bgp
group EVPN {
    local-address 10.0.0.2;
    family inet-vpn {
        unicast;
    }
    cluster 172.1.1.55;
    local-as 65001;
    multipath multiple-as;
    neighbor 10.0.0.1 {
        peer-as 65001;
    }
}

user@MX2#run show bgp summary
Groups: 1 Peers: 1 Down peers: 0
Table            Tot Paths Act Paths Suppressed    History Damp State
    Pending
bgp.13vpn.0
                         0         0         0         0         0
```

You are configuring an EVPN overlay to allow VLANs to be stretched between two campus sites, but EVPN routes are not being exchanged.

Referring to the exhibit, which configuration statement would solve this problem?

A. Apply the `delete protocols bgp groupEVPN cluster 172.1.1.55` configuration on MX2.
B. Apply the `set protocols bgp group EVPN family inet-vpn any` configuration on MX1 and MX2.
C. Apply the `delete protocols bgp group EVPN multipath multiple-as` configuration on MX1 and MX2.
D. Apply the `set protocols bgp group EVPN family evpn signaling` configuration on MX2.
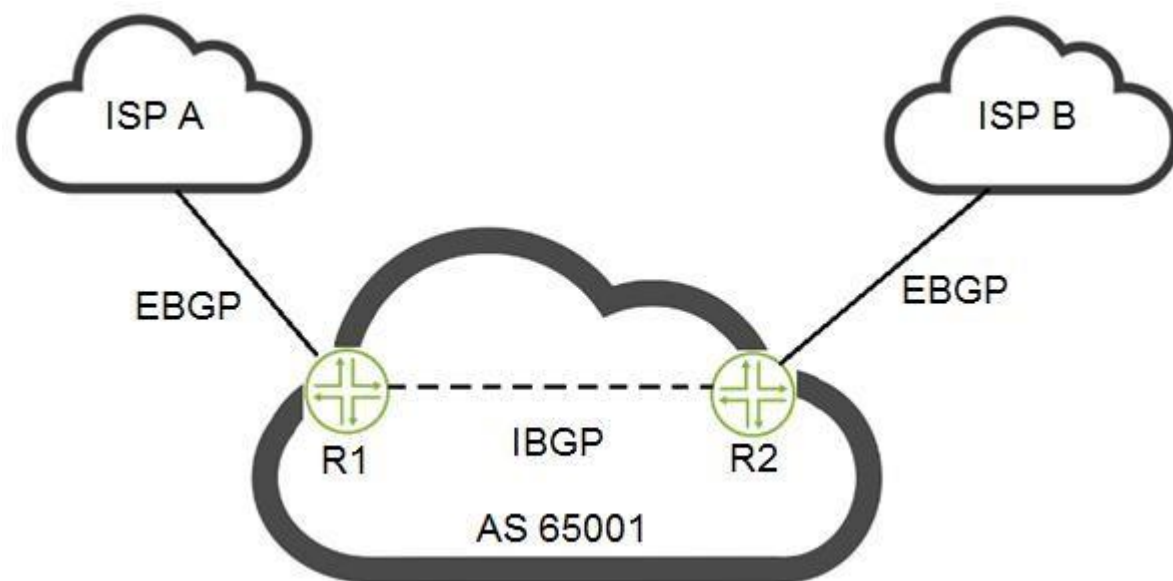
Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Click the Exhibit button.

You are configuring BGP policies for a site with a dual-homed connection as shown in the exhibit. You need all outbound traffic to egress the network through the link to ISP B by default. The ISPs should not be able to override this behavior through BGP attributes.

Which BGP attribute would you modify on the ISP-received routes to accomplish this objective?

A. next-hop
B. origin
C. local preference
D. MED

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
Click the Exhibit button.

```
user@switch# run show dot1x interface detail
ge-0/0/15.0
 Role: Authenticator
 Administrative state: Auto
 Supplicant mode: Single-Secure
 Number of retries: 3
 Quiet period: 60 seconds
 Transmit period: 30 seconds
 Mac Radius: Enabled
 Mac Radius Restrict: Disabled
 Reauthentication: Enabled
 Configured Reauthentication interval: 3600 seconds
 Supplicant timeout: 30 seconds
 Server timeout: 30 seconds
 Maximum EAPOL requests: 2
 Guest VLAN member: guest
 Number of connected supplicants: 1
   Supplicant: 50c58dbaed16, 50:C5:8D:BA:ED:16
     Operational state: Authenticated
     Backend Authentication state: Idle
     Authentication method: Server-Fail Vlan
     Authenticated VLAN: guest
     Session Reauth interval: 3600 seconds
     Reauthentication due in 3393 seconds
```

Referring to the exhibit, which statement is true?

A. Only 802.1X authentication will be used for devices connecting to ge-0/0/15.
B. Additional users will automatically be allowed to connect to ge-0/0/15.
C. The current device is authenticated using MAC RADIUS.
D. The current device was allowed after authentication attempts to the RADIUS server failed.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Click the Exhibit button.

```
user@router# show routing-instances EVPN1
vtep-source-interface lo0.0;
instance-type virtual-switch;
interface xe-0/3/0.0;
route-distinguisher 10.10.10.50:500;
vrf-import VNI-IMPORTS;
vrf-export VNI-EXPORTS;
protocols {
    evpn {
        encapsulation vxlan ;
        multicast-mode ingress-replication ;
        extended-vni-list [ 101 125-150 3443 ] ;
    }
}
bridge-domains {
    BD-101 {
        vlan-id 101 ;
    }
}
```

You are adding VNI 101 to your EVPN-VXLAN network, but traffic is not being sent or received.

Referring to the exhibit, which configuration statement will solve the problem?

A. `set routing-instances EVPN1 instance-type evpn`
B. `set routing-instances EVPN1 vrf-table-label`
C. `set routing-instances EVPN1 bridge-domains BD-101 vxlan vni 101`
D. `set routing-instances EVPN1 vxlan encapsulate-inner-vlan`

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
You are asked to deploy 802.1X on your EX Series switches. You need to ensure authenticated devices continue to have access to the network even if the authentication server fails.

Which action meets this configuration objective?

A. Configure the server fail fallback with a value of sustain.
B. Set the reauthentication interval to a value of 0.
C. Configure the static MAC bypass for the authentication server.
D. Set the reauthentication interval to a value of disable.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
Click the Exhibit button.

```
[edit]
user@router# show protocols bgp
group BGP-MESH {
    type internal;
    local-address 172.10.50.200;
    family inet {
      unicast;
    }
    export NHS;
    cluster 172.10.50.200;
    peer-as 65001;
    neighbor 10.10.0.50;
    neighbor 172.16.200.4;
}

[edit]
user@router# show policy-options policy-statement NHS
term BGP_ROUTES {
    from protocols bgp;
    then {
        next-hop self;
        accept;
    }
}
```

You are investigating reports of increased latency and discover that some routes cause customer traffic to traverse a route reflector instead of the optimal path.

Referring to the exhibit, which configuration statement would solve the problem?

A. `delete protocols bgp group BGP-MESH peer-as`
B. `set policy-options policy-statement NHS term BGP_ROUTES from external`
C. `set protocols bgp group BGP-MESH import NHS`
D. `delete protocols bgp group BGP-MESH export NHS`

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: