Juniper

Exam Questions JN0-648

Enterprise Routing and Switching Professional (JNCIP-ENT)

NEW QUESTION 1
Exhibit.

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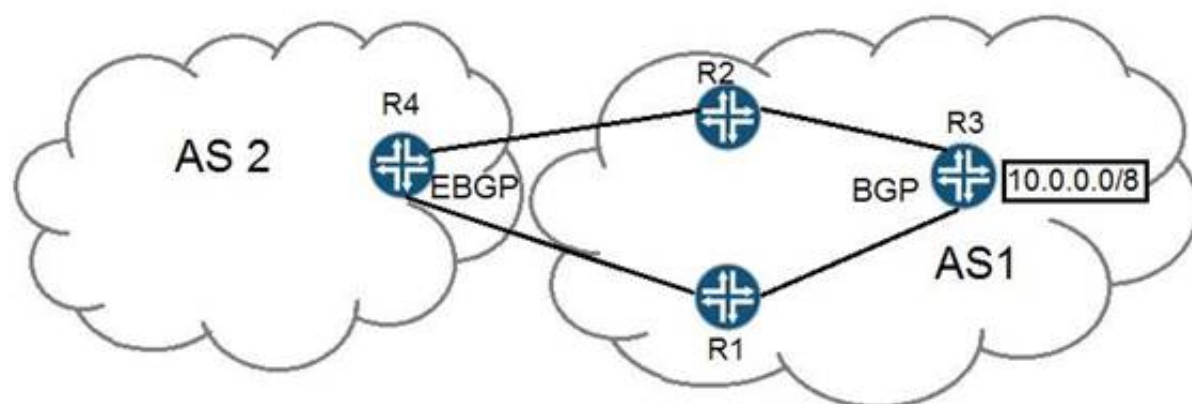
Referring to the exhibit, which TTL value will be sent to the LLDP neighbors?

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

Answer: A

NEW QUESTION 2
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

Answer: D

NEW QUESTION 3
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.

Answer: A

NEW QUESTION 4
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. D18912E1457D5D1DDCBD40AB3BF70D5D
Which mechanism would you use to accomplish this task?

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

Answer: B

NEW QUESTION 5
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. You must assign a context ID number other than zero
B. The MSTI-to-VLAN mapping does not match
C. The region name is not correct
D. The revision number is the same on both devices

Answer: B

NEW QUESTION 6
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 only configured on one interface per switch
B. Validate that the same esi value is configured on multiple interfaces on all switches.
C. Validate that all-active is configured for only interface per switch
D. Validate that the all-active flag configured for multiple interfaces on each switch

Answer: BD

NEW QUESTION 7
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

Answer: B

NEW QUESTION 8
Which EVPN route type is used for fast convergence and for advertising the split horizon label?

A. Type 4
B. Type 2
C. Type 1
D. Type 5

Answer: C

NEW QUESTION 9
Packets enter a Juniper device and are classified as best effort. During the processing of the packet, the classification of the packets is changed to expedited forwarding by a multi-field classifier. The device is using the default CoS policies

Which statement is true in this scenario?

A. The packet is forwarded according to the new packet classification, and the DSCP bits are rewritten to the new class.
B. The packet is forwarded according to the new packet classification, and the DSCP bits do not change.
C. The packet is forwarded according to the original packet classification, and the DSCP bits do not change.
D. The packet is forwarded according to the original packet classification, and the DSCP bits are rewritten to the new class.

Answer: B

NEW QUESTION 10
Click the Exhibit button.
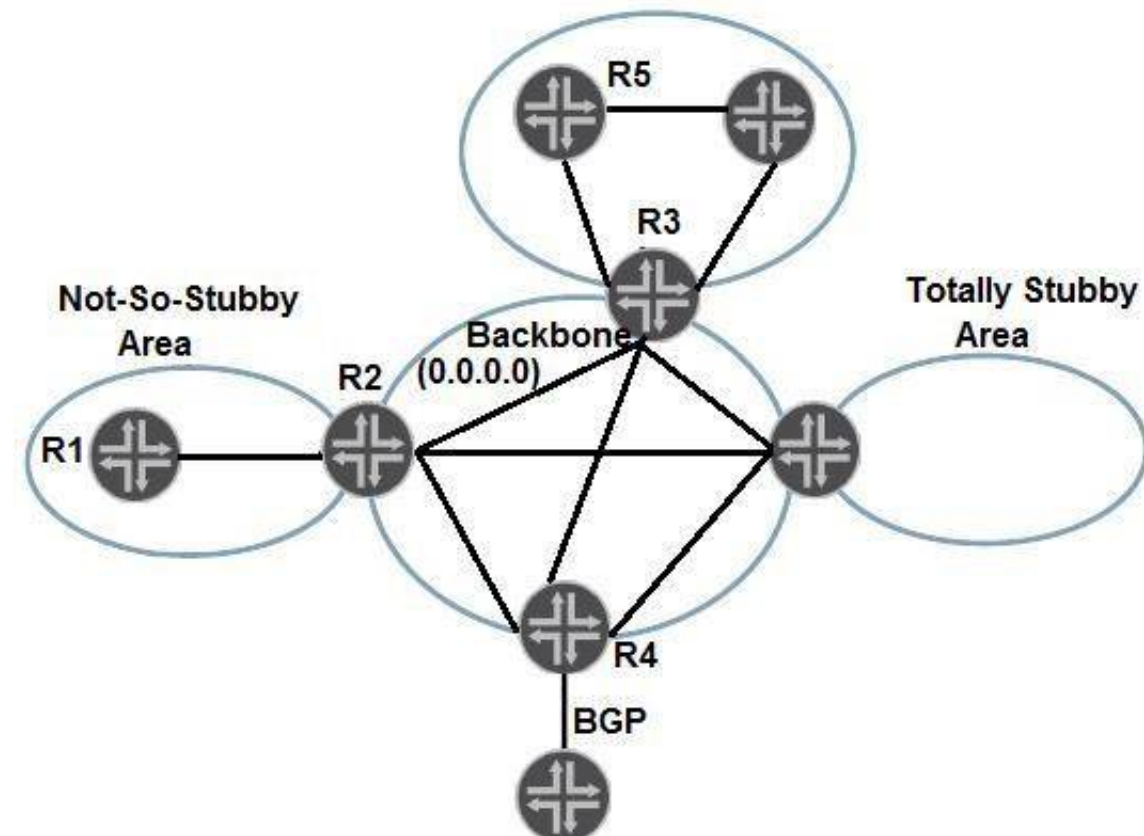
Referring to the exhibit, how is R5 able to learn the networks that exist within the NSSA?

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.

Answer: D

NEW QUESTION 10
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.

Answer: A

NEW QUESTION 13
Your network has Junos Fusion configured with MX960 routers as aggregation devices (AD) and QFX5100 switches as satellite devices (SO) Which two statements are coned in this scenario? (Choose two)

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

Answer: BC

NEW QUESTION 18
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

Answer: B

NEW QUESTION 23
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.

Answer: C

NEW QUESTION 28
What information is contained in an OSPF LSA header? (Choose two.)

A. protocol
B. options
C. length
D. subnet mask

Answer: BC

NEW QUESTION 32
Which two statements about BGP communities are true? (Choose two.)

A. A prefix can only belong to one community.
B. A prefix can belong to more than community.
C. A community is not a transitive attribute.
D. A BGP device can set, append, or modify the community of a route.

Answer: BD
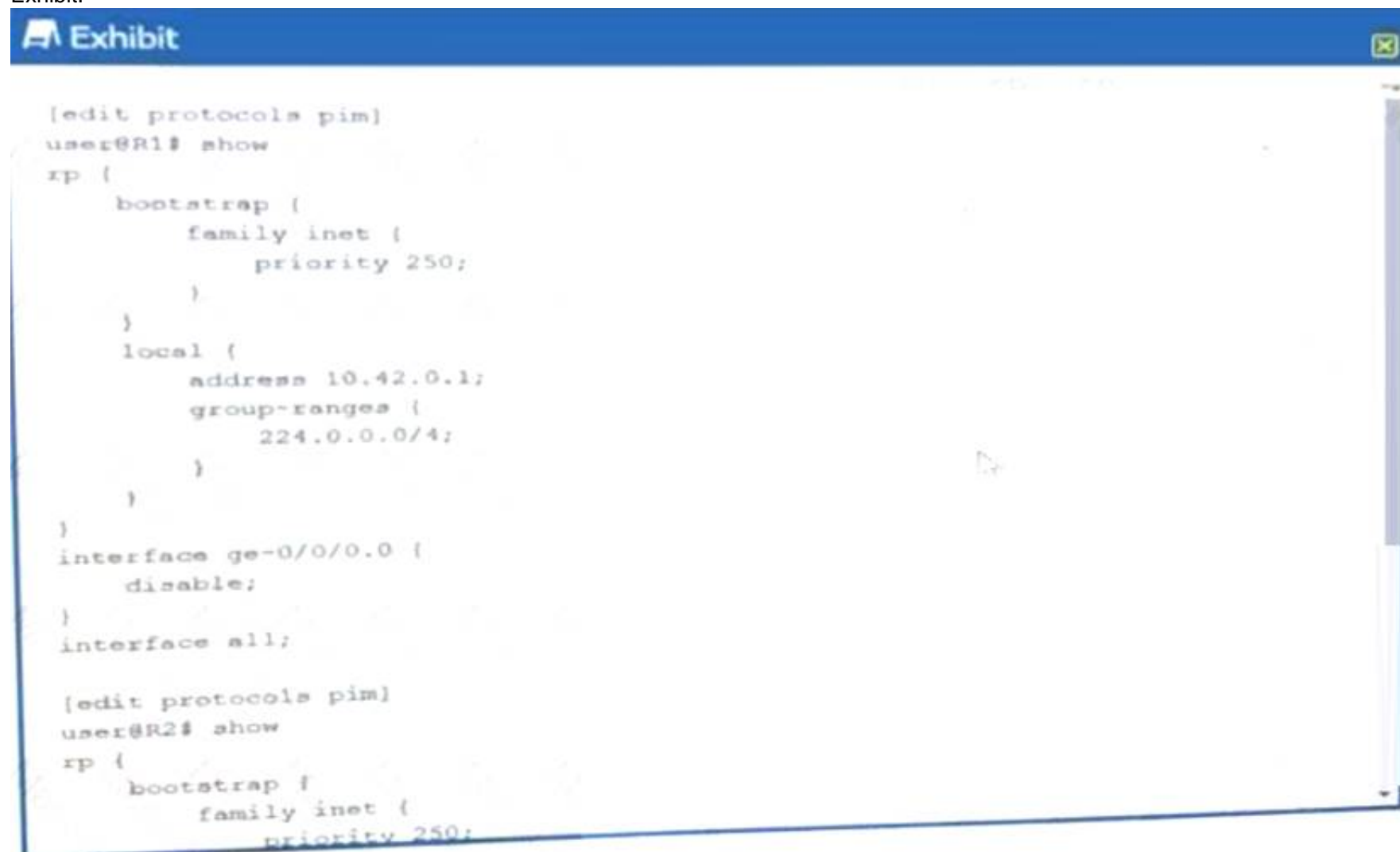
NEW QUESTION 36
Which protocol is used for port-level access control and authentication?

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

Answer: C
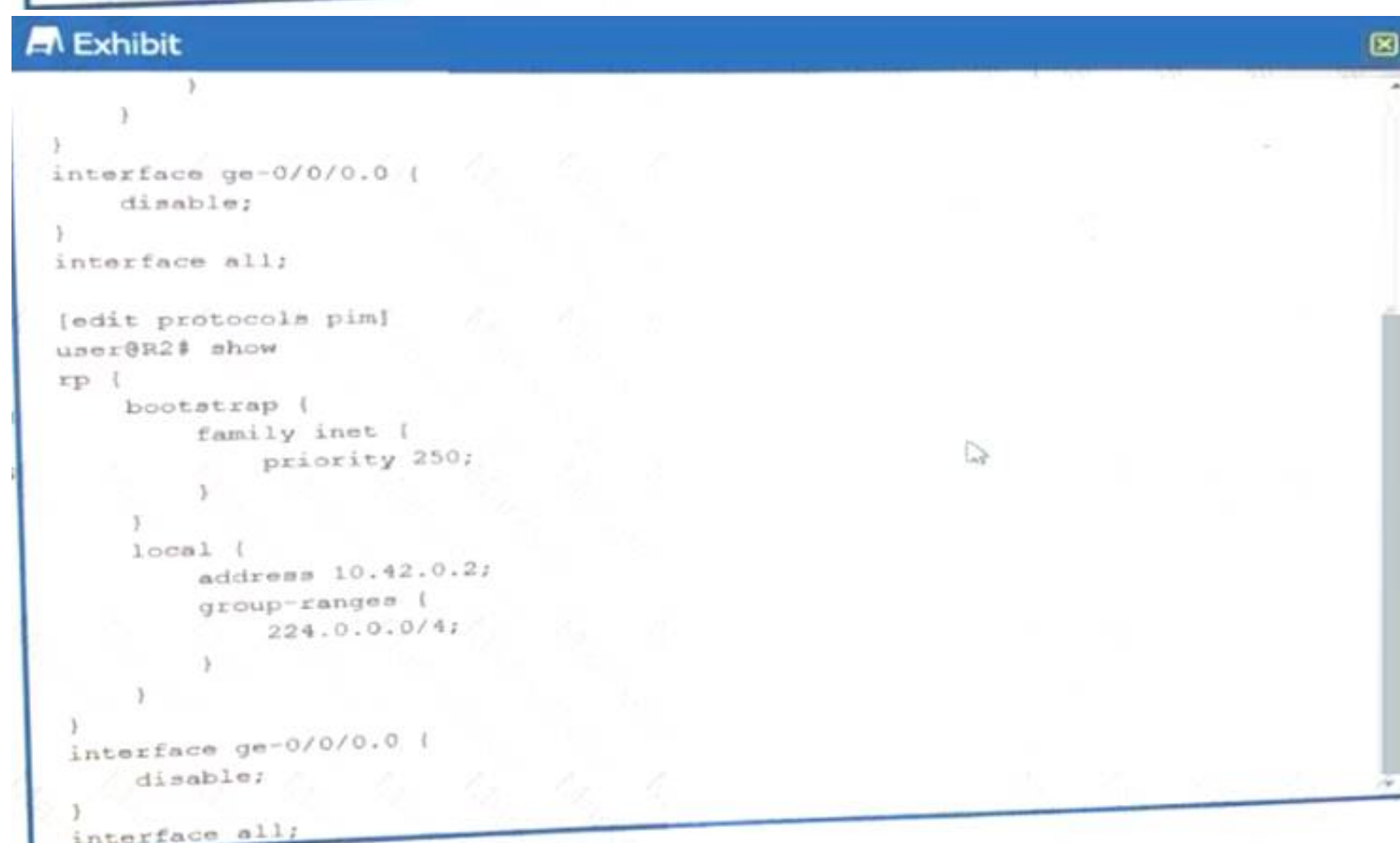
NEW QUESTION 41
Exhibit.

```
[edit protocols pim]
user@R1# show
rp {
    bootstrap {
        family inet {
            priority 250;
        }
    }
    local {
        address 10.42.0.1;
        group-ranges {
            224.0.0.0/4;
        }
    }
}
interface ge-0/0/0.0 {
    disable;
}
interface all;

[edit protocols pim]
user@R2# show
rp {
    bootstrap {
        family inet {
            priority 250;
```

```
        }
    }
    interface ge-0/0/0.0 {
        disable;
    }
    interface all;

[edit protocols pim]
user@R2# show
rp {
    bootstrap {
        family inet {
            priority 250;
        }
    }
    local {
        address 10.42.0.2;
        group-ranges {
            224.0.0.0/4;
        }
    }
}
interface ge-0/0/0.0 {
    disable;
}
interface all;
```

Referring to the exhibit, there are multiple ASM groups in the 224 0 0.0/4 range
Which configuration change is needed to ensure R1 is always the RP for group 224.224.1.1?

A. Increase the priority on R1 to higher than R2
B. Configure R1 with a higher local RP address
C. Set the priority on R1 to zero
D. Ensure R1 has a more specific group range

Answer: A

NEW QUESTION 43
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.

Answer: C

NEW QUESTION 47
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 VL ANs are loop free.
In this scenario, which statement is correct?

A. You must enable RSTP to account for all VLANs.
B. You must ensure that the VLANs are balanced between two different root bridges.
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

Answer: D

NEW QUESTION 50
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?

	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

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

Answer: A

NEW QUESTION 51
Click the Exhibit button.
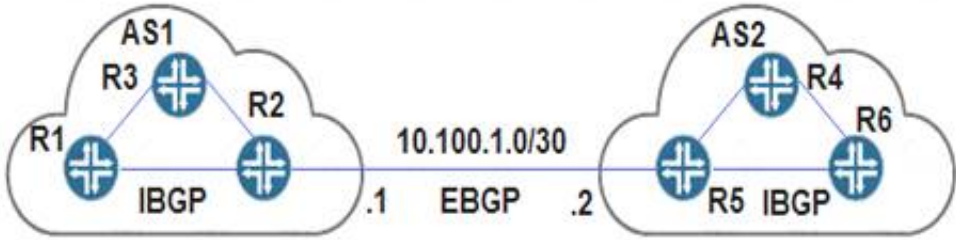

```
user@R2> show route 100.0.0.0/16 terse

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.

Answer: B

NEW QUESTION 54
Click the Exhibit button.

```
AS-1        ge-0/0/1.0          ge-0/0/1.0   AS-2    ge-0/0/10.0        R1

ge-0/0/6.0        ge-0/0/7.0       ge-0/0/6.0        ge-0/0/7.0      172.23.0.1

   HR          Executive            HR          Executive
172.23.0.11    172.23.0.21      172.23.0.12    172.23.0.22
```

```
[edit interfaces]                      [edit interfaces]
user@AS-1# show                        user@AS-2# show
ge-0/0/1 {                             ge-0/0/1 {
    unit 0 {                               unit 0 {
        family ethernet-switching {            family ethernet-switching {
            interface-mode trunk;                  interface-mode trunk;
            vlan {                                 vlan {
                members-vlan-pri                       members-vlan-pri
            }                                      }
        }                                      }
    }                                      }
}                                      }
ge-0/0/6 {                             ge-0/0/6 {
    unit 0 {                               unit 0 {
        family ethernet-switching {            family ethernet-switching {
        interface-mode access;                 interface-mode access;
        vlan {                                 vlan {
            members hr;                            members hr;
        }                                      }
    }                                      }
    }                                      }
}                                      }
ge-0/0/7 {                             ge-0/0/7 {
    unit 0 {                               unit 0 {
        family ethernet-switching {            family ethernet-switching {
            interface-mode access;                 interface-mode access;
            vlan {                                 vlan      {
                members executive;                     members executive;
            }                                      }
        }                                      }
    }                                      }
}                                  ge-0/0/10 {
    [edit vlans]                           unit 0 {
    user@AS-1# show vlan                       family ethernet-switching {
    vlan-pri {                                    interface-mode turnk;
        vlan-id 100;                              vlan {
        community-vlans [ executive hr ];             members vlan-pri;
    }                                             }
    executive {                                }
        vlan-id 20;                           }
        private-vlan community;           }
    }
    hr {                                  [edit vlans]
        vlan-id 10;                       user@AS-2# show vlan
        private-vlan community;           vlan-pri {
    }                                         vlan-id 100;
                                              community-vlans [ executive hr ];
                                          }
                                          executive {
                                              vlan-id 20;
                                              private-vlan community;
                                          }
                                          hr {
                                              vlan-id 10;
                                              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 to allow the ge-0/0/1 interface on AS-1 as the inter-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 the inter-switch links.
D. You must configure an isolation VLAN ID under the vlan-pri vlan on the AS-2 switch.
E. You must configure an isolation VLAN ID under the vlan-pri VLAN on both switches.

Answer: C

NEW QUESTION 55
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 slacked VLAN tags to extend a Layer 2 Ethernet connection between multiple sites

Answer: A

NEW QUESTION 58
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.

Answer: A

NEW QUESTION 63
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

Answer: A

NEW QUESTION 65
When configuring 802.1X authentication, what are three server fail fallback settings? (Choose three.)

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

Answer: BCE

NEW QUESTION 68
which protocol is a multicast routing protocol?

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

Answer: C

NEW QUESTION 71
When configuring class of services, what would be you use to allocate bandwidth to a forwarding class?

A. buffer depth
B. transmit rate
C. bandwidth
D. speed

Answer: B

NEW QUESTION 73
Which two statements are correct about a functional ESI LAG interface? (Choose two)

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

Answer: BC

NEW QUESTION 74
When redistributing IGP routes into BGP. what information .s used by default on Junos platforms to determine the BGP route's MED attribute value?

A. routing information base
B. the IGP route preference
C. the IGP Metric
D. route protocol source

Answer: C

NEW QUESTION 78
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