

Juniper.JN0-649.v2024-03-05.q62

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NEW QUESTION: 1

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.

Answer: ([SHOW ANSWER](#))

https://www.juniper.net/documentation/en_US/junos/topics/concept/poe-overview.html#jd0e1522

Thus you must set interfaces that connect to critical powered devices, such as security cameras and emergency phones, to high priority. Among PoE interfaces that have the same assigned priority, power priority is determined by the port number, with lower-numbered ports having higher priority.

NEW QUESTION: 2

What is a supplicant in 802.1x authentication?

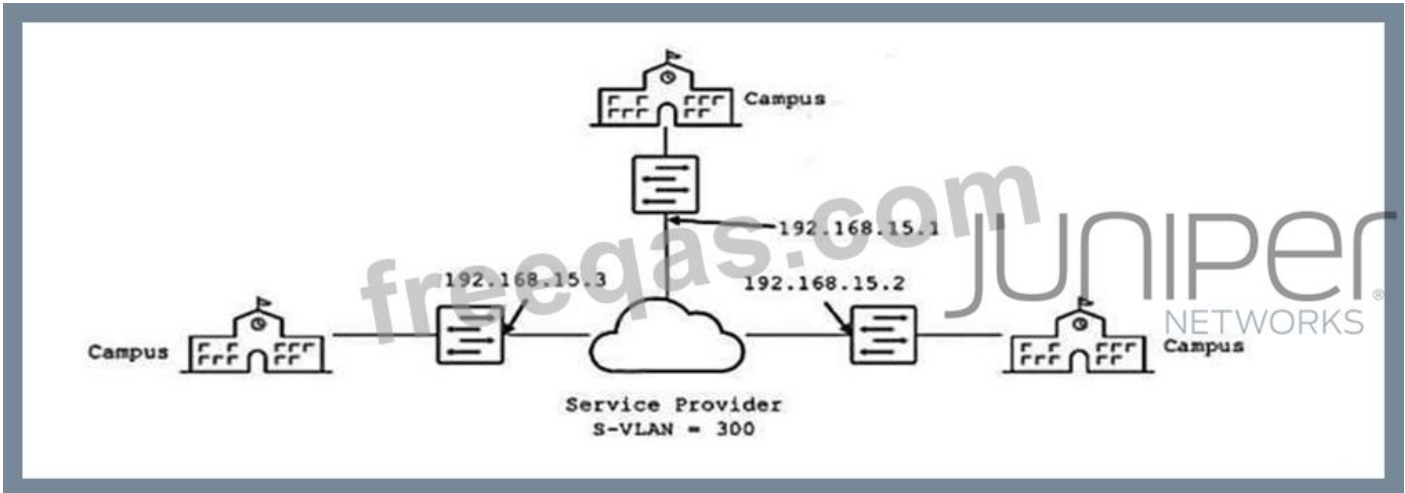
- A. the device being authenticated
- B. the authenticating device
- C. the RADIUS server
- D. the device that prevents the end user device's access until it is authenticated

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 3

You want to provide Layer 2 connectivity between campus sites using Ethernet switches through a metro Ethernet service provider who is using Q-in-Q tagging on their network.

Referring to the exhibit, what are two design considerations in this environment? (Choose two.)



- A. VXLAN could be implemented on your network across this service provider network.
- B. Each campus switch shown must have S-Tag 300 configured.
- C. L2PT is required on the SP network to support the spanning tree protocol.
- D. Each campus switch shown must have a C-Tag 300 configured.

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 4

You want to create an OSPF area that only contains intra-area route information in the form of Type 1 and Type 2 LSAs.

In this scenario, which area is needed to accomplish this task?

- A. totally stubby area
- B. stub area
- C. non-to-stubby area
- D. totally non-to-stubby area

Answer: A (LEAVE A REPLY)

NEW QUESTION: 5

Which two statements are correct about the deployment of EVPN-VXLAN on QFX Series devices? (Choose two.)

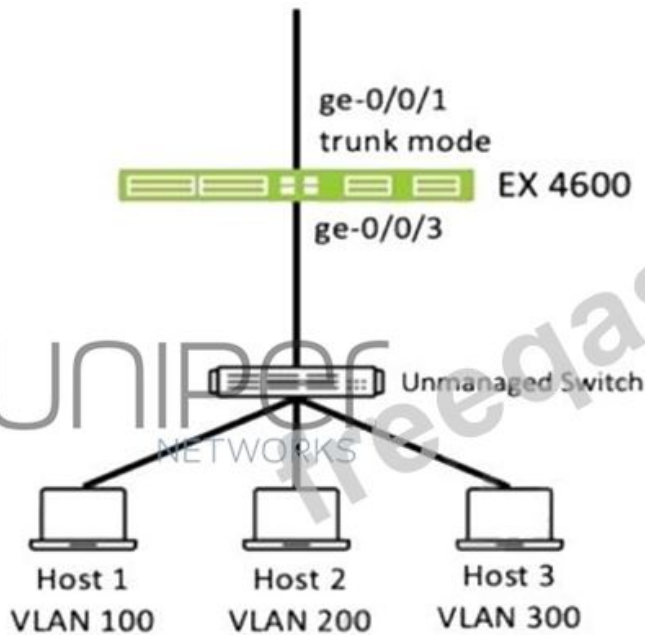
- A. Junos OS supports ingress replication for BUM traffic forwarding.
- B. Junos OS supports underlay replication for BUM traffic forwarding.
- C. Type 1 route advertisements always have the single-active flag set to 0.
- D. Type 1 route advertisements always have the single-active flag set to 1.

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 6

Your network has an unmanaged switch between the hosts and your EX Series switch. After the traffic enters the EX Series switch, each host must be on a separate VLAN.

How would you accomplish this task?



- A. Configure VSTP on interface `ge-0/0/1` to assign the VLANs.
- B. Configure an input firewall filter on interface `ge-0/0/3` to match the source MAC or IP address of the hosts to assign the VLANs.
- C. Configure interface `ge-0/0/3` to a mode trunk to assign the VLANs.
- D. Configure an output firewall filter on interface `ge-0/0/1` to match the destination MAC or IP address of the hosts to assign the VLANs.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 7

Which statement is correct about CoS policers on Junos devices?

- A. A policer can assign in-profile traffic to a specific forwarding class.
- B. A policer does not alter in-profile traffic.
- C. Traffic that exceeds a policer's traffic profile can be dropped or assigned to a specific drop profile.
- D. Policers can be configured to buffer traffic that exceeds the policer's traffic profile.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 8

Which three MSTP parameters must match on all switches in the same MST region? (Choose three.)

- A. forwarding delay
- B. bridge priority
- C. revision number
- D. MSTI-to-VLAN mapping
- E. configuration name

Answer: C,D,E ([LEAVE A REPLY](#))

<https://www.juniper.net/documentation/us/en/software/junos/stp-l2/topics/topic-map/spanning-tree-configuring-mstp.html>

NEW QUESTION: 9

You are deploying IP phones in your enterprise networks. When plugged in, the IP phones must automatically negotiate the power requirements for the new connection with the EX Series switches.

In this scenario, which protocol should be used to enable this behavior?

- A. MP-BGP
- B. CDP
- C. LLDP-MED
- D. LLDP

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 10

You are asked to troubleshoot voice quality issues on your newly implement VoIP network. You notice that the voice packets are being dropped. You have verified that the packets are correctly marked for expedited forwarding queue.

Referring to the exhibit, what must you configure to solve the problem?

```
[edit]
user@R1# show class-of-service
classifiers {
  dscp voip {
    import default;
  }
}
interfaces {
  ge-1/0/0 {
    unit 0 {
      classifiers {
        dscp voip;
      }
    }
  }
}
user@R1> show interfaces ge-1/0/0 extensive
Physical interface: ge-1/0/0, Enabled, Physical link is Up
Interface index: 154, SNMP ifIndex: 527, Generation: 157
Link-level type: Ethernet, MTU: 1514, MRU: 1522, LAN-PHY mode, Speed: 1000mbps, BFDU Error: None, Loop Detect PDU Error:
None,
Ethernet-Switching Error: None, MAC-REWRITE Error: None, Loopback: Disabled, Source filtering: Disabled, Flow control:
Enabled,
Auto-negotiation: Enabled, Remote fault: Online
Pad to minimum frame size: Disabled
Media type: Copper
Device flags   : Present Running
Interface flags: SNMP-Traps Internal: 0x4000
```

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Auto-negotiation: Enabled, Remote fault: Online
 Pad to minimum frame size: Disabled
 Media type: Copper
 Device flags : Present Running
 Interface flags: SNMP-Traps Internal: 0x4000
 Link flags : None
 CoS queues : 8 supported, 8 maximum usable queues
 Schedulers : 0
 Hold-times : Up 0 ms, Down 0 ms
 Damping : half-life: 0 sec, max-suppress: 0 sec, reuse: 0, suppress: 0, state: unsuppressed
 Current address: 4c:96:14:93:9a:95, Hardware address: 4c:96:14:93:9a:95
 Last flapped : 2022-05-16 11:44:33 PDT (21:23:22 ago)
 Statistics last cleared: Never

Traffic statistics:

Input bytes : 894761 0 bps
 Output bytes : 681004 240 bps
 Input packets: 13083 0 pps
 Output packets: 11321 0 pps

IPv6 transit statistics:

Input bytes : 0
 Output bytes : 0
 Input packets: 0
 Output packets: 0

Dropped traffic statistics due to STP State:

Input bytes : 0
 Output bytes : 0
 Input packets: 0
 Output packets: 0

Input errors:

Errors: 0, Drops: 0, Framing errors: 0, Runts: 0, Policed discards: 0, L3 incompletes: 0, L2 channel errors: 0, L2 mismatch timeouts: 0,

FIFO errors: 0, Resource errors: 0

Output errors:

Carrier transitions: 1, Errors: 0, Drops: 0, Collisions: 0, Aged packets: 0, FIFO errors: 0, HS link CRC errors: 0, MTU errors: 0,

Resource errors: 0

Egress queues: 8 supported, 4 in use

Queue counters:	Queued packets	Transmitted packets	Dropped packets
0	430544	8126	456123
1	4294	1654	2817
2	0	0	0
3	11194	11194	0

Queue number: Mapped forwarding classes

0 best-effort
 1 expedited-forwarding
 2 assured-forwarding
 3 network-control

Active alarms : None

Active defects : None

FCS statistics Seconds

Bit errors 0

Errored blocks 0

Ethernet FEC statistics Errors

FEC Corrected Errors 0

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```

FEC Uncorrected Errors          0
FEC Corrected Errors Rate       0
FEC Uncorrected Errors Rate     0
MAC statistics:
  Receive Transmit
Total octets                    942941 752356
Total packets                   13084 11320
Unicast packets                  92    93
Broadcast packets                37    34
Multicast packets               12955 11193
CRC/Align errors                 0     0
FIFO errors                      0     0
MAC control frames               0     0
MAC pause frames                 0     0
Oversized frames                 0     0
Jabber frames                    0     0
Fragment frames                  0     0
VLAN tagged frames               0     0
Code violations                   0     0
Total errors                     0     0
Filter statistics:
  Input packet count             13083
  Input packet rejects           0
  Input DA rejects               0
  Input SA rejects               0
  Output packet count            11320
  Output packet pad count        0
  Output packet error count      0
  CAM destination filters: 0, CAM source filters: 0
Autonegotiation information:
  Fragment frames                0
  VLAN tagged frames             0
  Code violations                 0
  Total errors                   0
Filter statistics:
  Input packet count             13083
  Input packet rejects           0
  Input DA rejects               0
  Input SA rejects               0
  Output packet count            11320
  Output packet pad count        0
  Output packet error count      0
  CAM destination filters: 0, CAM source filters: 0
Autonegotiation information:
  Negotiation status: Complete
  Link partner:
    Link mode: Full-duplex, Flow control: Symmetric/Asymmetric, Remote fault: OK
  Local resolution:
    Flow control: Symmetric, Remote fault: Link OK
Packet Forwarding Engine configuration:
  Destination slot: 0 (0x00)
CoS information:
  Direction : Output
  CoS transmit queue            Bandwidth          Buffer Priority  Limit
                                %          bps          %          usec
0 best-effort                    95          950000000    95          0          low  none
3 network-control                  5           50000000     5           0          low  none
Interface transmit statistics: Disabled

```

- A. You must configure a multifield classifier to put the VoIP traffic in the correct queue.
- B. You must configure a rewrite rule to ensure that the traffic is scheduled properly in the device.
- C. You must configure a policer to ensure that the queue is not being starved.
- D. You must configure a scheduler to allocate bandwidth to the expedited forwarding queue.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 11

Which three statements are correct about EVPN route types? (Choose three.)

- A. Type 3 routes carry replication information.

- B. Type 2 routes carry endpoint MAC address information.
- C. Type 2 routes carry endpoint IP address information.
- D. Type 5 routes carry replication information.
- E. Type 1 routes carry endpoint MAC address information.

Answer: A,B,C (LEAVE A REPLY)

Cisco explains it better: The EVPN control plane advertises the following types of information:

Route type 1 - This is an Ethernet Auto-Discovery (EAD) route type used to advertise Ethernet segment identifier, Ethernet Tag ID, and EVPN instance information. EAD route advertisements may be sent for each EVPN instance or for each Ethernet segment.

Route type 2 - This advertises endpoint reachability information, including MAC and IP addresses of the endpoints or VTEPs.

Route type 3 - This performs multicast router advertisement, announcing the capability and intention to use ingress replication for specific VNIs.

Route type 4 - This is an Ethernet Segment route used to advertise the Ethernet segment identifier, IP address length, and the originating router's IP address.

Route type 5 - This is an IP prefix route used to advertise internal IP subnet and externally learned routes to a VXLAN network.

NEW QUESTION: 12

Referring to the exhibit, you configured a new multicast classifier for the ge-1/2/0 interface ICMP traffic to the best-effort queue and traffic from 190.168.20.0/24 to the expedited forwarding queue. You received noticed that some application are not working after the change.

Which configuration change will remedy the problem?

```

[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;
  }
}
}

```

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- A. [edit firewall family inet filter ingress
User@host # set term 3 then next
- B. [edit firewall family inet filter ingress
User@host # set term 3 then accept
- C. [edit firewall family inet filter ingress

User@host # set term 2 from service-filter hit

D. [edit firewall family inet filter ingress

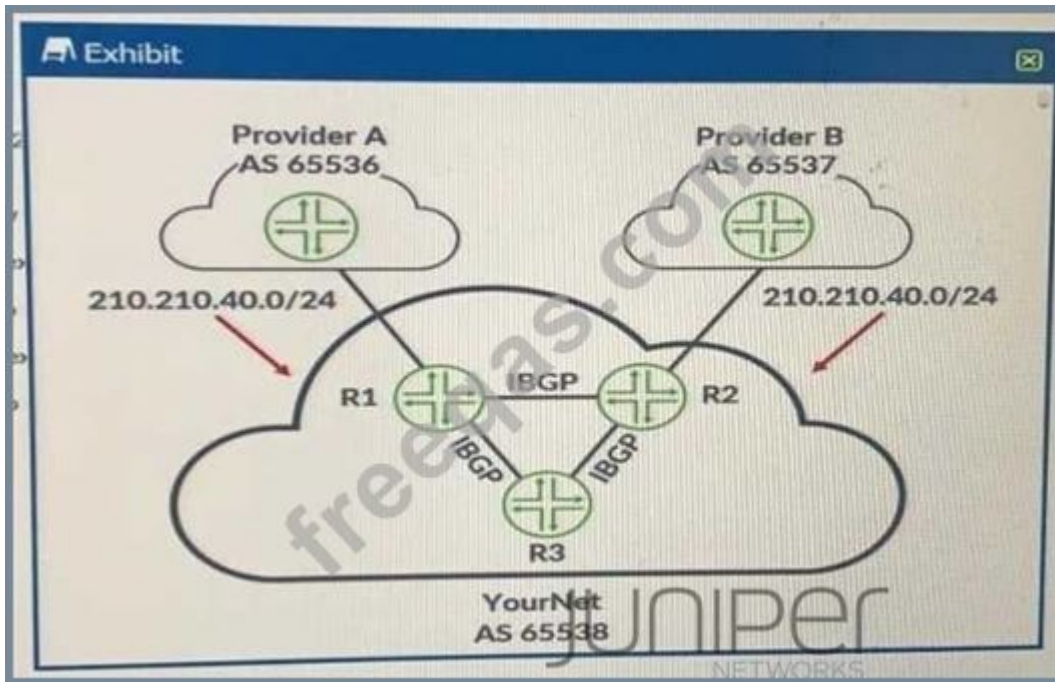
User@host # set term 2 from protocol tcp

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Your Net is learning the 210.210.40.0/24 route from Provider A and Provider B YourNet would like to forward traffic destined to the 210.210.40.0/24 networking using Provider B.

Referring to the exhibit, how would you accomplish this task?



A. Apply an export policy to R2's IBGP peers to set a Their local preference.

B. Add the well-known no-export community to the routes learned through R2.

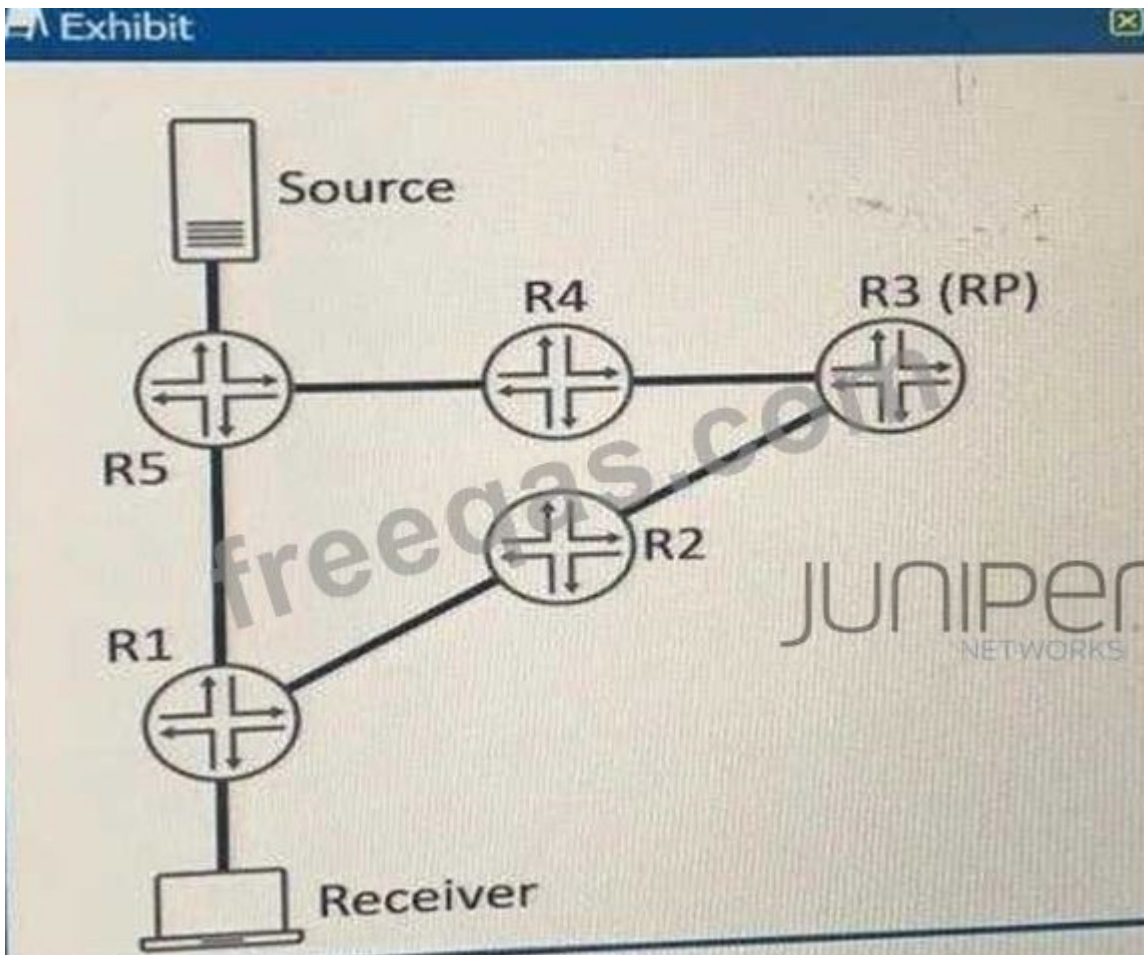
C. Apply an export policy to R1's IBGP peers to set a higher local preference.

D. Add the well-known no-export community to the routes learned through R1.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 14

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



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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 16

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

```

user@DS-1> show spanning-tree interface
Spanning tree interface parameters for VLAN 10
Interface      Port ID      Designated      Designated      Port      State  Role
                port ID      port ID         bridge ID       Cost
ge-0/0/7.0    128:521     128:521        4106.0019e25173c0  20000    FWD    DESG
ge-0/0/8.0    128:523     128:523        4106.0019e25173c0  20000    FWD    DESG
ge-0/0/9.0    128:525     128:525        4106.0019e25173c0  20000    FWD    DESG
...
Spanning tree interface parameters for VLAN 20
Interface      Port ID      Designated      Designated      Port      State  Role
                port ID      port ID         bridge ID       Cost
ge-0/0/7.0    128:521     128:523        4116.0019e2551d40  20000    BLK    ALT
ge-0/0/8.0    128:523     128:521        4116.0019e2551d40  20000    FWD    ROOT
ge-0/0/9.0    128:525     128:525        4116.0019e2551d40  20000    BLK    ALT

```

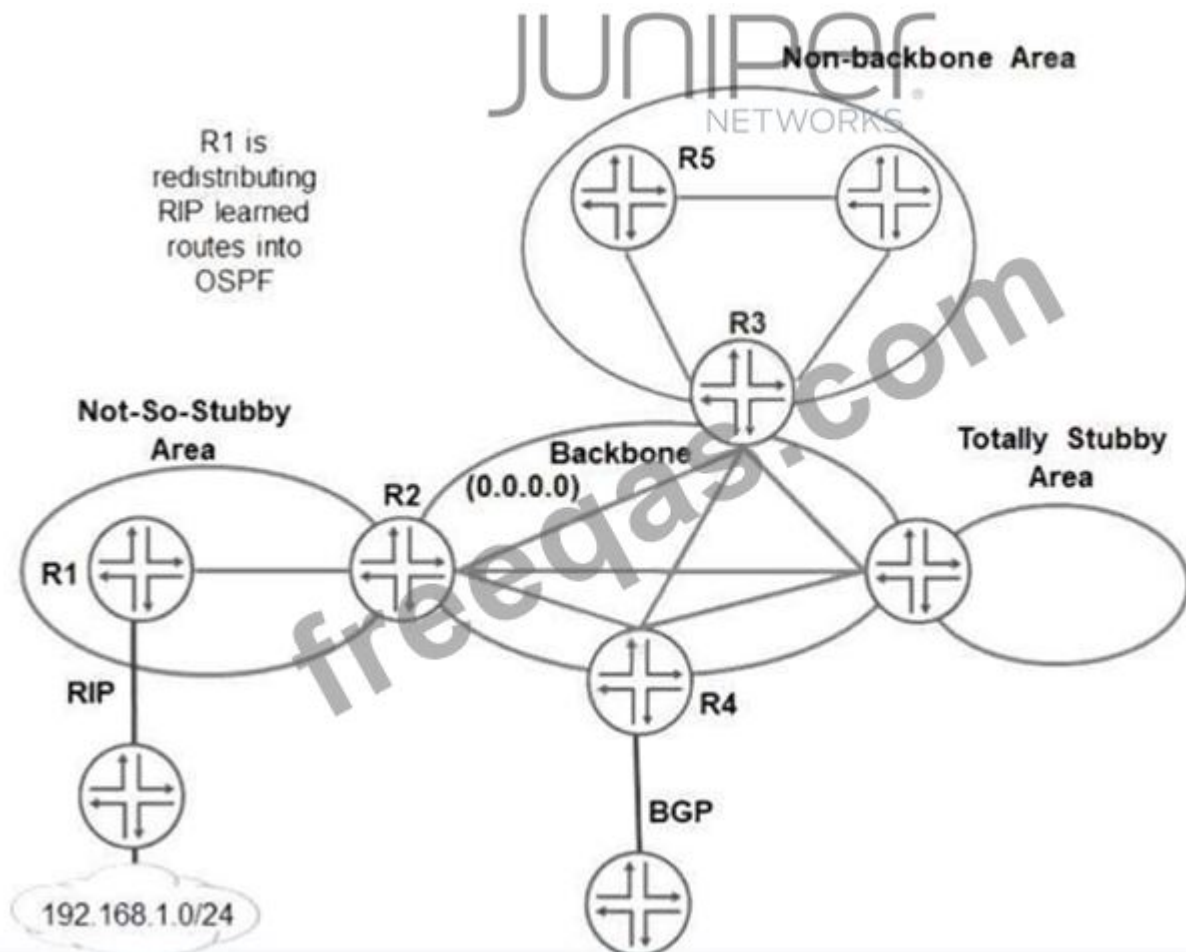
- A. BPDUs from the root bridge for VLAN 10 have been received on the ge-0/0/7.0 interface.
- B. DS-1 is the root bridge for VLAN 10.
- C. Default VSTP bridge priority values are configured.
- D. BPDUs from the root bridge for VLAN 20 have been received on the ge-0/0/7.0 interface.

Answer: A,D ([LEAVE A REPLY](#))

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NEW QUESTION: 17

Referring to the exhibit, which LSA type is used to advertise 192.168.1.0/24 to R5?



- A. Type 7
- B. Type 4
- C. Type 5
- D. Type 3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 18

You are authenticating user devices connected to your ex Series switch. You have 802.1X and MAC RADIUS configured for all ports. A user is complaining about the time it takes to connect their non- 802.1X device on ge-0/0/15 using MAC RADIUS authentication.

Referring to the exhibit, what should be done to accelerate the authentication process?

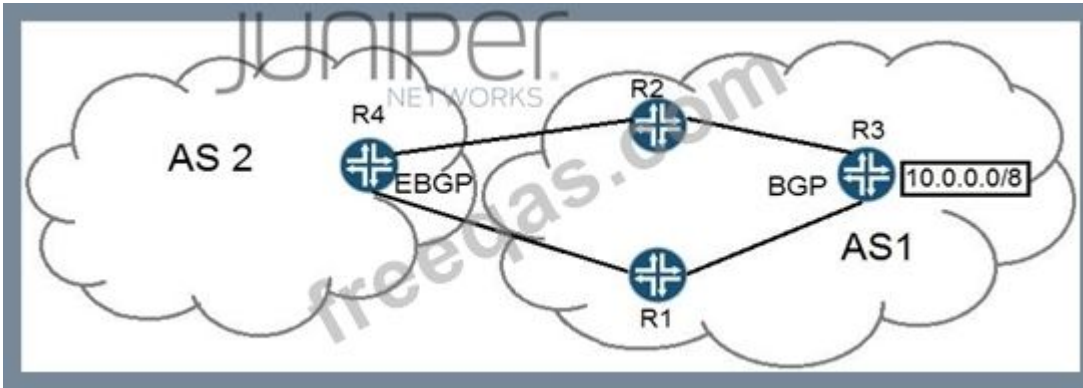
```
user@switch# run show dot1x interface detail
ge-0/0/15.0
  Role: Authenticator
  Administrative state: Auto
  Supplicant mode: Single-Secure
  Number of retries: 3
  Quiet period: 60 seconds
  Transmit period: 30 seconds
  Mac Radius: Enabled
  Mac Radius Restrict: Disabled
  Reauthentication: Enabled
  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
```

- A. Change the 802.1X retry attempts value to 5 on ge-0/0/15
- B. Configure the restrict feature for MAC RADIUS on ge-0/0/15.
- C. Configure the no-reauthentication feature for 802.1X on ge-0/0/15
- D. Change the supplicant mode to multiple on ge-0/0/15

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 19

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 (LEAVE A REPLY)

no-advertise--Routes in this community name must not be advertised to other BGP peers.

no-export--Routes in this community must not be advertised outside a BGP confederation boundary. A stand alone autonomous system that is not part of a confederation should be considered a confederation itself.

no-export-subconfed--Routes in this community must not be advertised to external BGP peers, including peers in other members' ASs inside a BGP confederation.

NEW QUESTION: 20

You are configuring MSTP to prevent loops in your Layer 2 network. After applying the configuration, you notice that MSTO is not working correctly.

```
user@switch-1> show spanning-tree mstp configuration
MSTP information
Context identifier      : 0
Region name            : L2-MSTP
Revision               : 1
Configuration digest   : 0x8edc0c323967409ac011c3858a3802cf
```

```
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   : 0xbe0284d20f4d46a8da239674094f78a
```

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

Referring to the exhibit, what is causing the problem?

- A. Context identifier must be specified.
- B. Too many VLANs have been defined.
- C. MSTI-to-VLAN mappings must be the same.
- D. Incorrect revision number is used.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 21

You are deploying IP phones in your enterprise networks. When plugged in, the IP phones must automatically negotiate the power requirements for the new connection with the EX Series switches. In this scenario, which protocol should be used to enable this behavior?

- A. LLDP-MED
- B. MP-BGP
- C. CDP
- D. LLDP

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 22

Referring to the exhibit, which statement is correct?

```
user@router> show route protocol bgp
inet.0: 562 destinations, 565 routes (558 active, 0 holddown, 5 hidden)
+ = Active Route, - = Last Active, * = Both
203.0.113.0/24      * [BGP/170] 1w3d 05:14:15, localpref 100, from 192.168.10.36
                   AS path: I, validation-state: unverified
                   > to 10.23.23.2 via ae8.0
                   to 10.1.23.2 via ae7.0
                   * [BGP/170] 1w3d 05:14:15, localpref 100, from 192.168.10.36
                   AS path: I, validation-state: unverified
                   > to 10.23.23.2 via ae8.0
...
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```

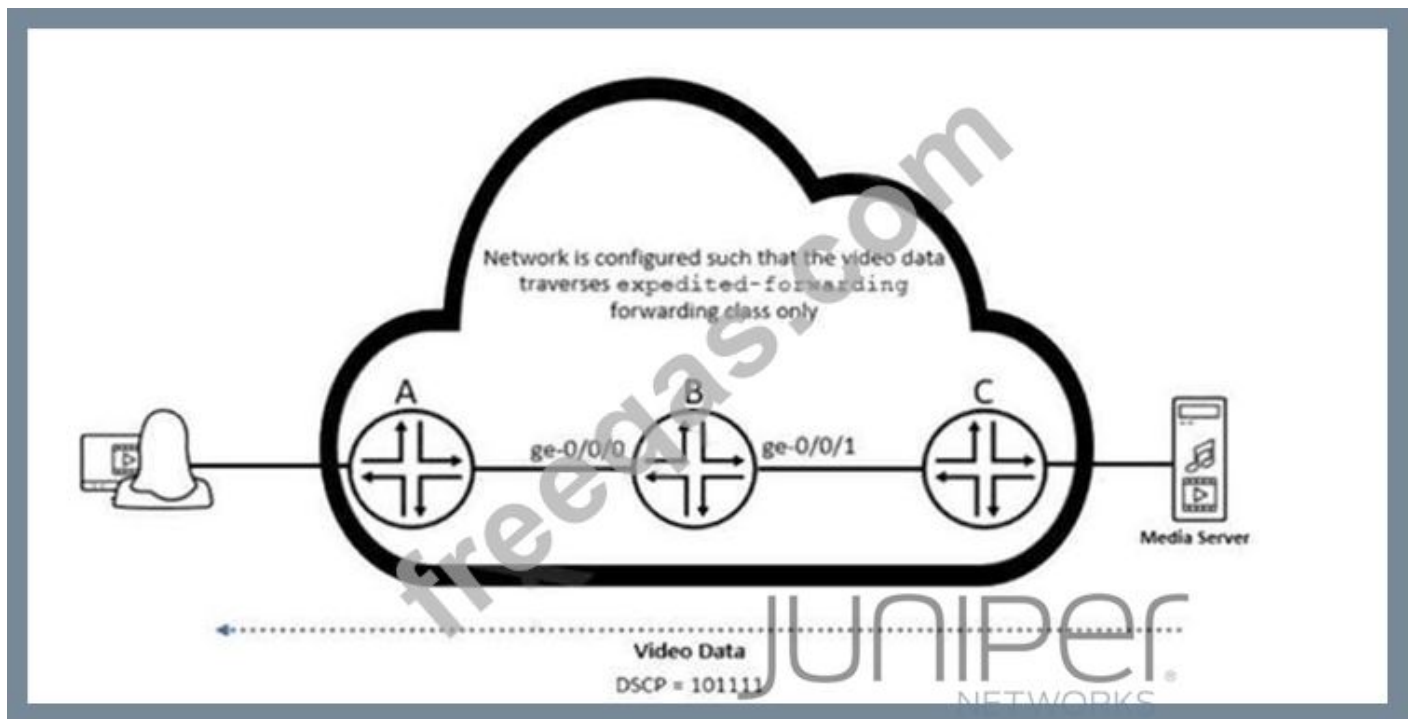
- A. The route is learned from three different neighbors.
- B. The route is learned from a multipath BGP session.
- C. The route is learned from only one neighbor.
- D. The route is learned from a multihop BGP session.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

A user is attempting to watch a high-definition video being streamed from the media server over the network. However, the user complains that the experienced video quality is poor. While logged on to router B, a Juniper Networks device, you notice that video packets are being dropped.

In this scenario, what would solve this problem?



- A. Adjust the expedited-forwarding BA classifier on router B's ge-0/0/1 interface to support a higher transmit rate.
- B. Adjust the scheduler-map to support a higher transmit rate.
- C. Adjust the expedited-forwarding BA classifier to router B's ge-0/0/0 interface to support a higher transmit rate.
- D. Adjust the scheduler for the expedited-forwarding forwarding class to support a higher transmit rate.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 24

A customer needs to pass Layer 2 protocols between sites.

Which protocol or standard would be required to implement connectivity on EX4300, EX3400, and EX2300 devices?

- A. Q-in-Q
- B. VPLS
- C. IGMP
- D. OSPF

Answer: A (LEAVE A REPLY)

NEW QUESTION: 25

What allows non-Web enabled devices to access the network on a port configured for captive portal?

- A. Captive portal can be configured to only prompt for credentials when HTTP or HTTPS traffic is requested on a port to allow on-HTTP enabled devices access to the network.
- B. LLDP can be used to query the type of device that is attempting to access the network, and predefined device types can be allowed to bypass the captive portal process.

C. Authentication credentials for specific devices can be preconfigured on the switch for automatic authentication.

D. A MAC address white list can be configured on the switch to allow specific MAC addresses to bypass the captive portal process.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 26

In OSPF, how does a router ensure that LSAs advertised to a neighboring router are received?

A. LSAs are acknowledged by the neighboring router.

B. LSA flooding guarantees that all routers will receive them successfully.

C. LSAs are advertised with an acknowledgement bit.

D. LSAs are sent over a TCP connection.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

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 do not change.

B. The packet is forwarded according to the original packet classification, and the DSCP bits do not change.

C. The packet is forwarded according to the new packet classification, and the DSCP bits are rewritten to the new class.

D. The packet is forwarded according to the original packet classification, and the DSCP bits are rewritten to the new class.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 28

You are 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. multiple

B. single

C. single-secure

D. captive-portal

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

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

A. Level 2 systems do not advertise Level 2 routes into a Level area by default.

B. Level 2 systems must use the loopback address as a part of the ISO network address.

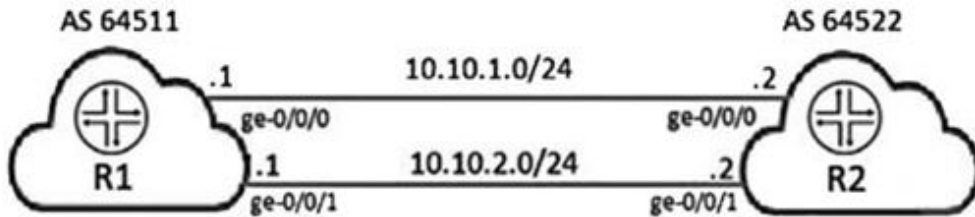
- C. Level 1 system only from adjacencies with other systems that have different area IDs.
- D. Level 1 systems use a default route to reach AS external routes located in other areas.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 30

A BGP network has been designed to provide resiliency and redundancy to a multihomed customer network.

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



lo0 = 192.168.0.1/32

lo0 = 172.16.255.2/32

```
user@R1# show protocols bgp group ext-peers
type external;
local-address 192.168.0.1;
peer-as 64522;
neighbor 172.16.255.2 {
  multihop {
    ttl 1;
  }
}
```

```
user@R1# show routing-options
autonomous-system 65411;
static {
  route 172.16.255.2/32 next-hop [ 10.10.1.2 10.10.2.2 ];
}
```

```
user@R1> show route 172.16.255.2/32 terse
```

inet.0: 14 destinations, 14 routes (14 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

A	V	Destination	P	Prf	Metric 1	Metric 2	Next hop	AS path
*	?	172.16.255.2/32	S	5			>10.10.1.2 10.10.2.2	

```
user@R1> show route forwarding-table matching 172.16.255.2/32
Routing table: default.inet
Internet:
Destination      Type RtRef Next hop      Type Index  NhRef Netif
172.16.255.2/32  user  1 10.10.1.2     ucst  590      5 ge-0/0/0.0
```

- A. Both the next hops will be used to forward traffic to R2.
- B. The TTL value of 1 is set to limit the scope of the EBGP session.
- C. A routing policy will be required to forward traffic to both next hops.
- D. The ttl statement must be configured to accommodate peering to a loopback address of a directly connected peer.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 31

Which statement is correct about IS-IS?

- A. Level 1/2 routers automatically inject a default route to the nearest Level 1 router.
- B. Level 1 routers route traffic between autonomous systems.
- C. IS-IS uses areas and an autonomous system.
- D. Level 2 routers must share the same area address.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

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** ([LEAVE A REPLY](#))

https://www.juniper.net/documentation/en_US/junos/topics/concept/cos-host-outbound-traffic-default-classification-and-dscp-remarking.html To change these default settings, include the forwarding-class class-name statement and the dscp-code-point value statement at the [edit class-of-service host-outbound-traffic] hierarchy level. This feature does not affect transit traffic or incoming traffic.

NEW QUESTION: 33

What information must you gather from the satellite device to provision a Junos Fusion Enterprise deployment on the aggregation device? (Choose two.)

- A. Serial number
- B. Model number
- C. MAC address
- D. Software version

Answer: **A,C** ([LEAVE A REPLY](#))

NEW QUESTION: 34

You are deploying IP phones in your enterprise network that must receive their power through their Ethernet connection. You are using your EX Series switch's PoE ports that support IEEE 802.3af.

In this scenario, what is the maximum amount of power allocated to each interface?

- A. 30 W
- B. 10.2 W
- C. 50 W
- D. 15.4 W

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 35

A customer requires that the switch responds to an ARP request only if the source and target IP address are on different subnets.

```
user@switch> show configuration
interfaces {
  ge-0/0/3 {
    unit 0 {
      proxy-arp unrestricted;
      family ethernet-switching;
    }
  }
}
```

Referring to the Exhibit, how would you accomplish this task?

- A. Change the proxy ARP parameter setting to restricted.
- B. Create a static ARP entry for the host.
- C. Remove the proxy ARP setting and clear the entry.
- D. Enable the no-gratuitous-arp request command under the interface hierarchy.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 36

Referring to the exhibit, anycast RP is implemented to ensure multicast service availability. The source is currently sending multicast traffic using group 239.1.1.1 and R3 is receiving PIM register messages, but R2 does not have active source information. In this scenario, what are two methods to receive the active source information on R2? (Choose two.)

```

user@R1> show pim statistics | match "(PIM Message type)|(V2 Register)"
PIM Message type      Received      Sent  Rx errors
V2 Register           0             0     0
V2 Register Stop      0             0     0

user@R3> show pim statistics | match "(PIM Message type)|(V2 Register)"
PIM Message type      Received      Sent  Rx errors
V2 Register           857           0     0
V2 Register Stop      0             0     0

user@R5> show pim join
...
Group: 239.1.1.1
Source: 10.222.3.2
Flags: sparse,spt
Upstream interface: ge-0/0/12.0

```

- A. Configure an RP set in PIM on R1, allowing R1 to forward PIM register messages to R2 and R3 in the set.
- B. Configure an RP set in PIM on R2 and R3, allowing the RPs to forward PIM register messages to the other RPs in the set.
- C. Configure an MSDP protocol between R1 and R2.
- D. Configure an MSDP protocol between R2 and R3.

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 37

You have configured 802.1X single supplicant mode on the access switch. The VoIP phone does not support 802.1X authentication.



Referring to the exhibit, which statement is true?

- A. MAC bypass must be configured for the VoIP phone for this solution to work.
- B. The VoIP phone will not be able to communicate over the network.
- C. Authentication must be changed to multiple supplicant mode for this solution to work.
- D. The VoIP phone will be able to communicate over the network after the workstation authenticates.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 38

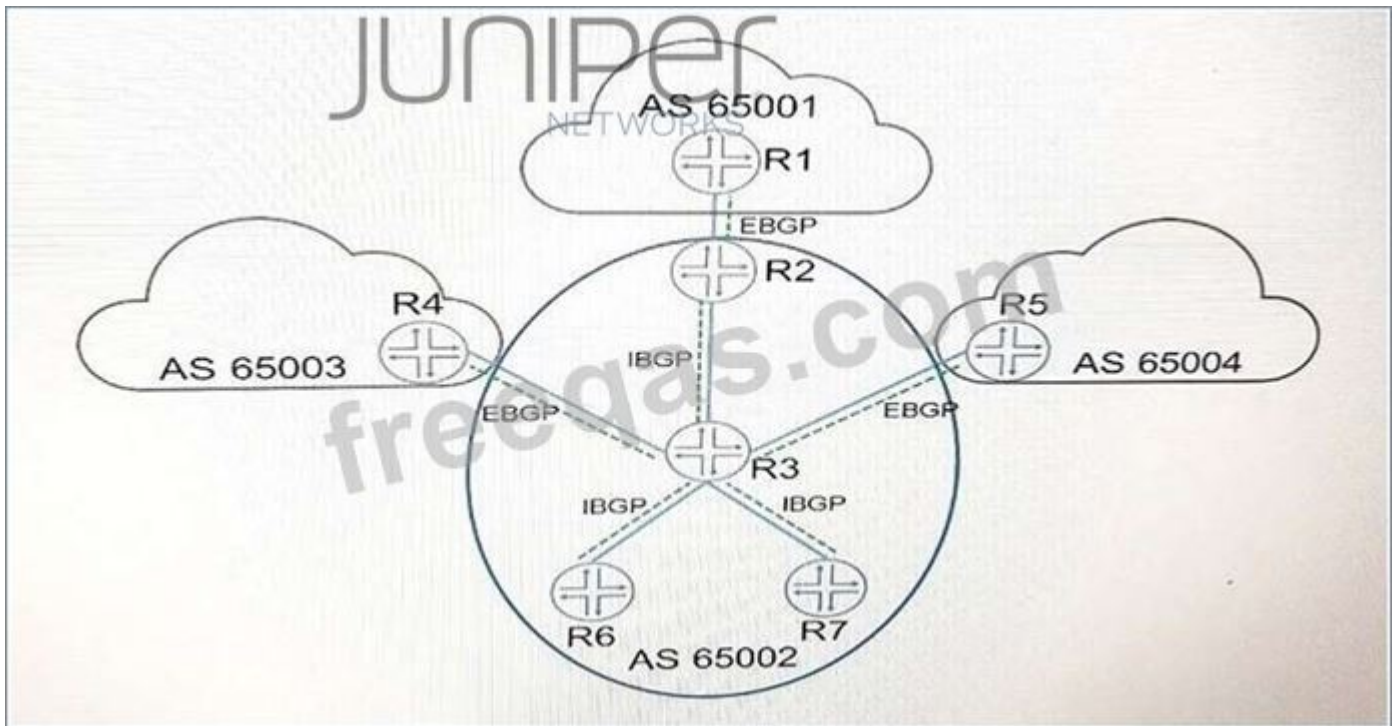
Which three types of ports are used for Junos Fusion Enterprise? (Choose three.)

- A. extended port
- B. authenticated port
- C. designated port
- D. cascade port
- E. uplink port

Answer: A,D,E (LEAVE A REPLY)

NEW QUESTION: 39

Router R1, in peer AS 65001, advertises routes to R2 using EBGP. R2 advertises the routes learned from R1 to R3 using IBGP.



Referring to the exhibit, to which routers will R3 advertise the BGP routes received from R2?

- A. R4, R5
- B. R2, R4, R5, R6, R7
- C. R4, R5, R6, R7
- D. R6, R7

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 40

Which statement is correct about MSTP?

- A. MSTP enables mapping multiple independent spanning-tree instances onto one physical topology.
- B. MSTP uses stacked VLAN tags to extend a Layer 2 Ethernet connection between multiple sites.
- C. MSTP dynamically manages VLAN registration in a LAN.
- D. MSTP enables dynamic discovery of Layer 2 neighbors.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 41

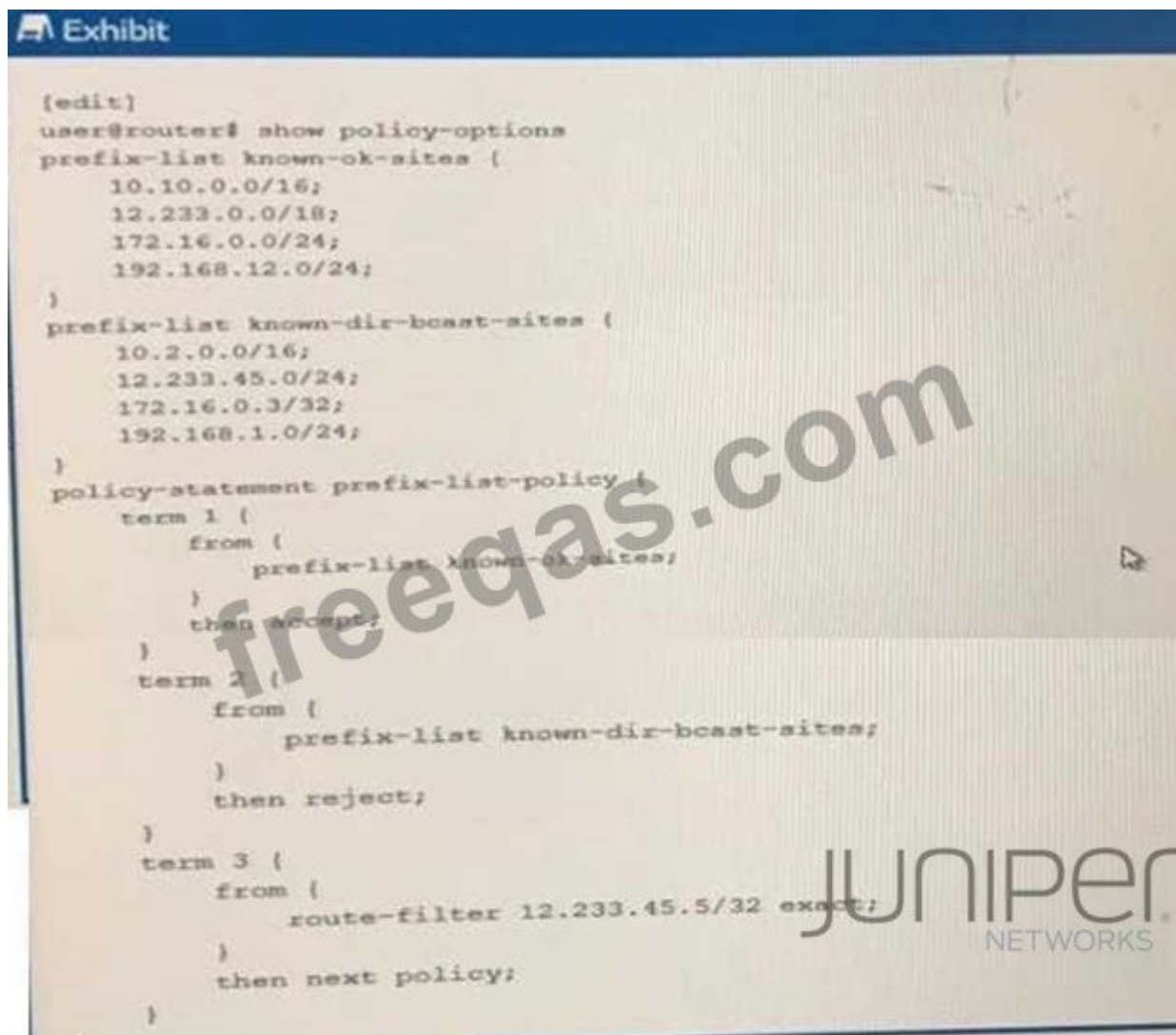
In IS-IS advertising POUs with the overload bit has which effect?

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 42

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?



```
[edit]
user@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;
  }
}
```

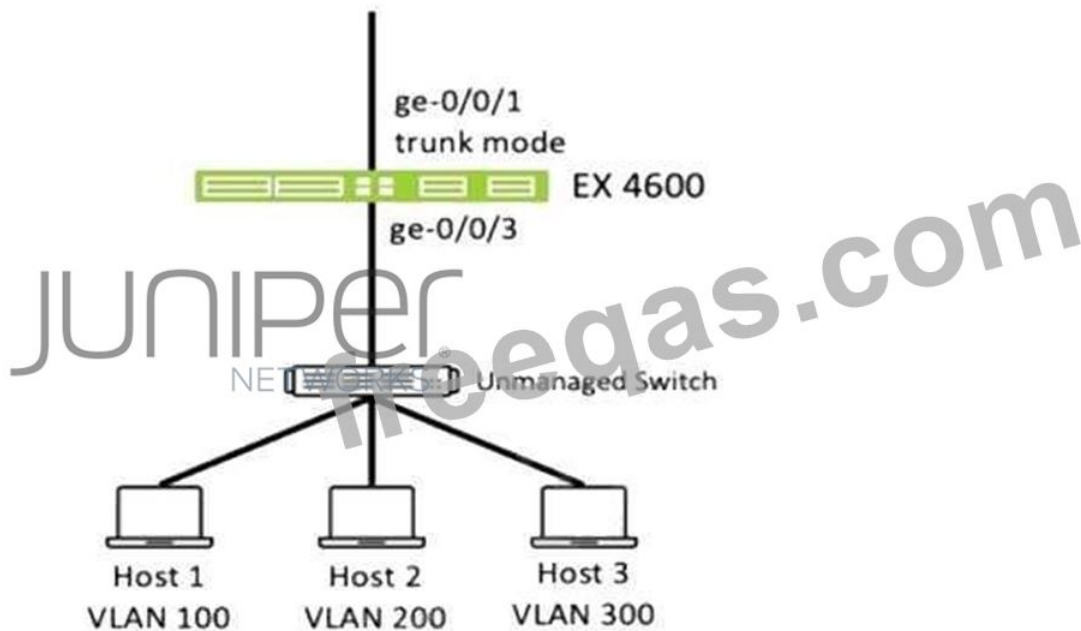
- A. It will be accepted by the default policy
- B. It will be evaluated by the next policy.
- C. It will be accomplished by term 1.
- D. It will be accepted by term 1.
- E. It will be rejected by term 2.

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 43

Your network has an unmanaged switch between the hosts and your EX Series switch. After the traffic enters the EX Series switch, each host must be on a separate VLAN.

How would you accomplish this task?



- A. Configure interface ge-0/0/3 to a mode trunk to assign the VLANs.
- B. Configure VSTP on interface ge-0/0/1 to assign the VLANs.
- C. Configure an output firewall filter on interface ge-0/0/1 to match the destination MAC or IP address of the hosts to assign the VLANs.
- D. Configure an input firewall filter on interface ge-0/0/3 to match the source MAC or IP address of the hosts to assign the VLANs.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 44

Which two statements are correct regarding the behavior shown in the exhibit? (Choose two.)

```
user@router> show ospf interface
Interface      State Area      DR ID      BDR ID      Nbrs
ge-1/1/0.0    BDR   0.0.0.0    192.168.10.2 192.168.10.1 1
lo0.0         DR    0.0.0.0    192.168.10.1 0.0.0.0      0
ge-1/1/0.0    PtToPt 0.0.0.100 0.0.0.0      0.0.0.0      1
ge-1/1/2.0    DR    0.0.0.100 192.168.10.1 10.200.0.2   1
```

- A. The router is an ABR.
- B. The ge-1/1/0 interface is configured as secondary for Area 0.
- C. The ge-1/1/0 interface is configured as secondary for Area 100.
- D. The router is not an ABR.

Answer: (SHOW ANSWER)

NEW QUESTION: 45

You are enabling MSTP in your Layer 2 network to prevent loops. In this scenario, which three parameters must match on all switches in the network? (Choose three.)

- A. bridge priority
- B. revision level
- C. configuration name
- D. MSTI-to-VLAN mapping
- E. max age

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

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

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

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 47

You have scheduled maintenance operations for one of the devices in your OSPF network. Referring to the exhibit, which three statements are correct? (Choose three.)

```
[edit protocols ospf]
user@R1# show
overload;
area 0.0.0.0 {
  interface ge-0/0/0.0;
  interface ge-0/0/1.0;
}
```

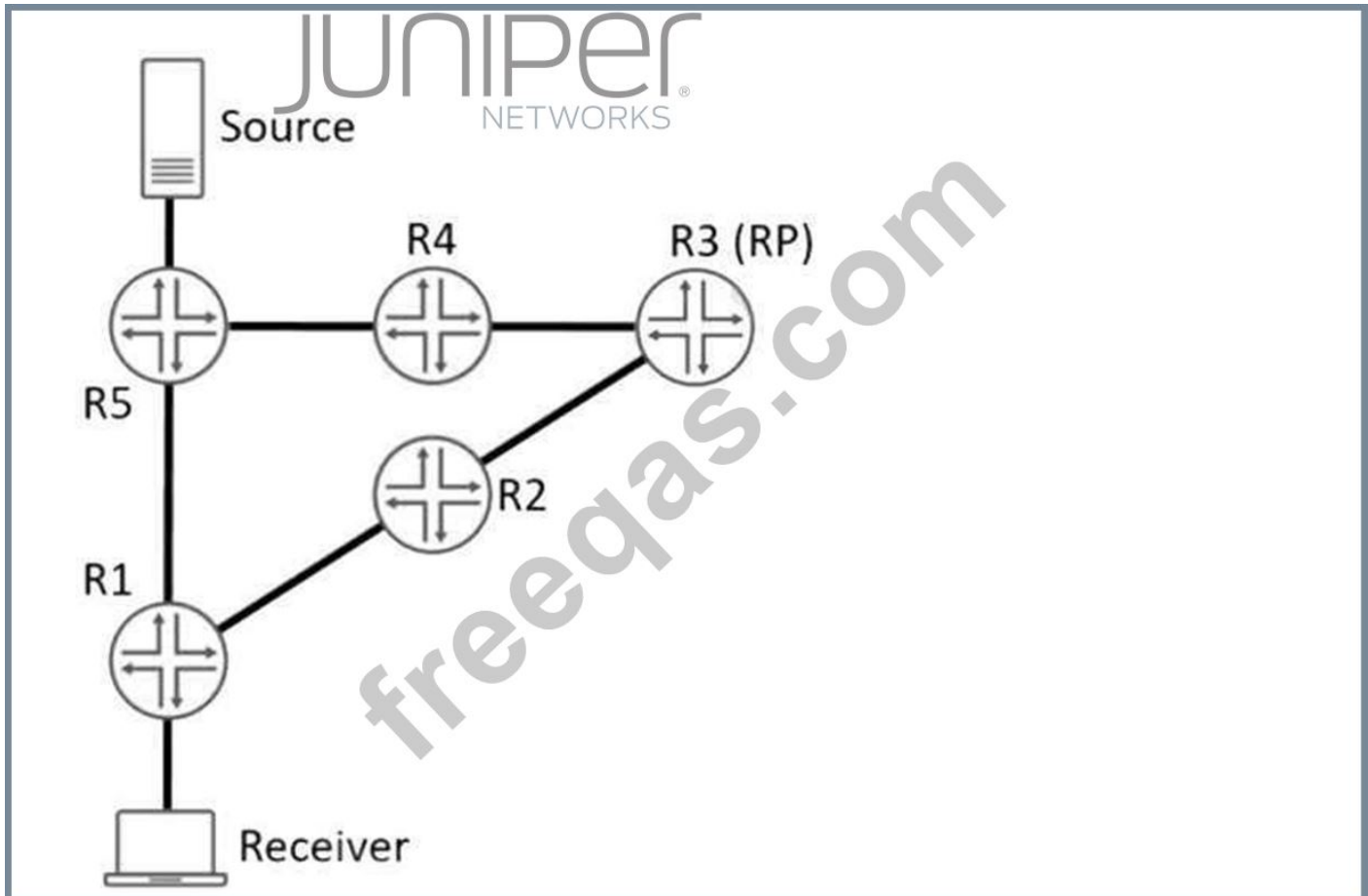
- A. Any traffic destined for networks that terminate on R1 will still be forwarded to R1.
- B. The metrics for all transit interfaces on R1 is set to the maximum value of 65,535.
- C. R1 participates in OSPF routing but does not send or receive transit traffic.
- D. R1 does not participate in OSPF routing.
- E. R1 does not send or receive transit traffic during the maintenance window even if no alternative paths exist to the given destination.

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 48

Referring to the exhibit, a PIM-SM network is set up to enable communication between multicast devices.

Which two statements are true? (Choose two.)



- A. Before the formation of the rendezvous-point tree, an IGMP is sent from the Receiver to R1.
- B. Before the formation of the rendezvous-point tree, a join message is sent from R1 to R3.
- C. Before the formation of the rendezvous-point tree, an IGMP is sent from the Source to R5.
- D. Before the formation of the rendezvous-point tree, a join message is sent from R1 to R5.

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 49

Which two authentication methods are available for OSPF on Juniper devices? (Choose two.)

- A. MD5 authentication
- B. RSA
- C. Certificate
- D. none

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

You enable the Multiple VLAN Registration Protocol (MVRP) to automate the creation and management of virtual LANs.

Which statement is correct in this scenario?

- A. When enabled, MVRP affects all interfaces.
- B. Timers dictate when link state changes are propagated.
- C. MVRP works with RSTP and VSTP.
- D. The forbidden mode does not register or declare VLANs.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 51

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

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

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 52

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

In this scenario, which statement is correct?

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 53

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

```

user@leaf> show route table default-switch.evpn.0 detail
...
2:192.168.100.13:1::5010::00:0c:29:08:04:a0/304 MAC/IP (2 entries, 1 announced)
  *BGP      Preference: 170/-101
            Route Distinguisher: 192.168.100.13:1
            Next hop type: Indirect, Next hop index: 0
            Address: 0xcd690bc
            Next-hop reference count: 12
            Source: 192.168.100.1
            Protocol next hop: 192.168.100.13
            Indirect next hop: 0x2 no-forward INH Session ID: 0x0
            State: <Secondary Active Int Ext>
            Local AS: 65000 Peer AS: 65000
            Age: 8:17      Metric2: 0
            Validation State: unverified
            Task: BGP_65000.192.168.100.1
            Announcement bits (1): 0-default-switch-evpn
            AS path: I (Originator)
            Cluster list: 1.1.1.1
            Originator ID: 192.168.100.13
            Communities: target:65000:5010 encapsulation:vlan(0x8)
            Import Accepted
            Route Label: 5010
            ESI: 00:00:00:00:00:00:00:00:00:00
            Localpref: 100
            Router ID: 192.168.100.1
            Primary Routing Table: bgp.evpn.0
            Thread: junos-main

```

- A. The route is a Type 1 EVPN route.
- B. The host that the route is associated with is single-homed to one leaf node.
- C. The route is a Type 2 EVPN route.
- D. The host that the route is associated with is multihomed to two leaf nodes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Which three configuration parameters must match on all switches within the same MSTP region?
(Choose three.)

- A. VLAN to instance mapping
- B. revision level
- C. configuration name
- D. bridge priority
- E. region name

Answer: ([SHOW ANSWER](#))

When enabling MSTP, you define one or more MSTP regions. An MSTP region defines a logical domain where multiple spanning-tree instances (MSTIs) can be administered independently of

MSTIs in other regions, setting the boundary for bridge protocol data units (BPDUs) sent by one MSTI. An MSTP region is a group of switches that is defined by three parameters:

Region name-User-defined alphanumeric name for the region.

Revision level-User-defined value that identifies the region.

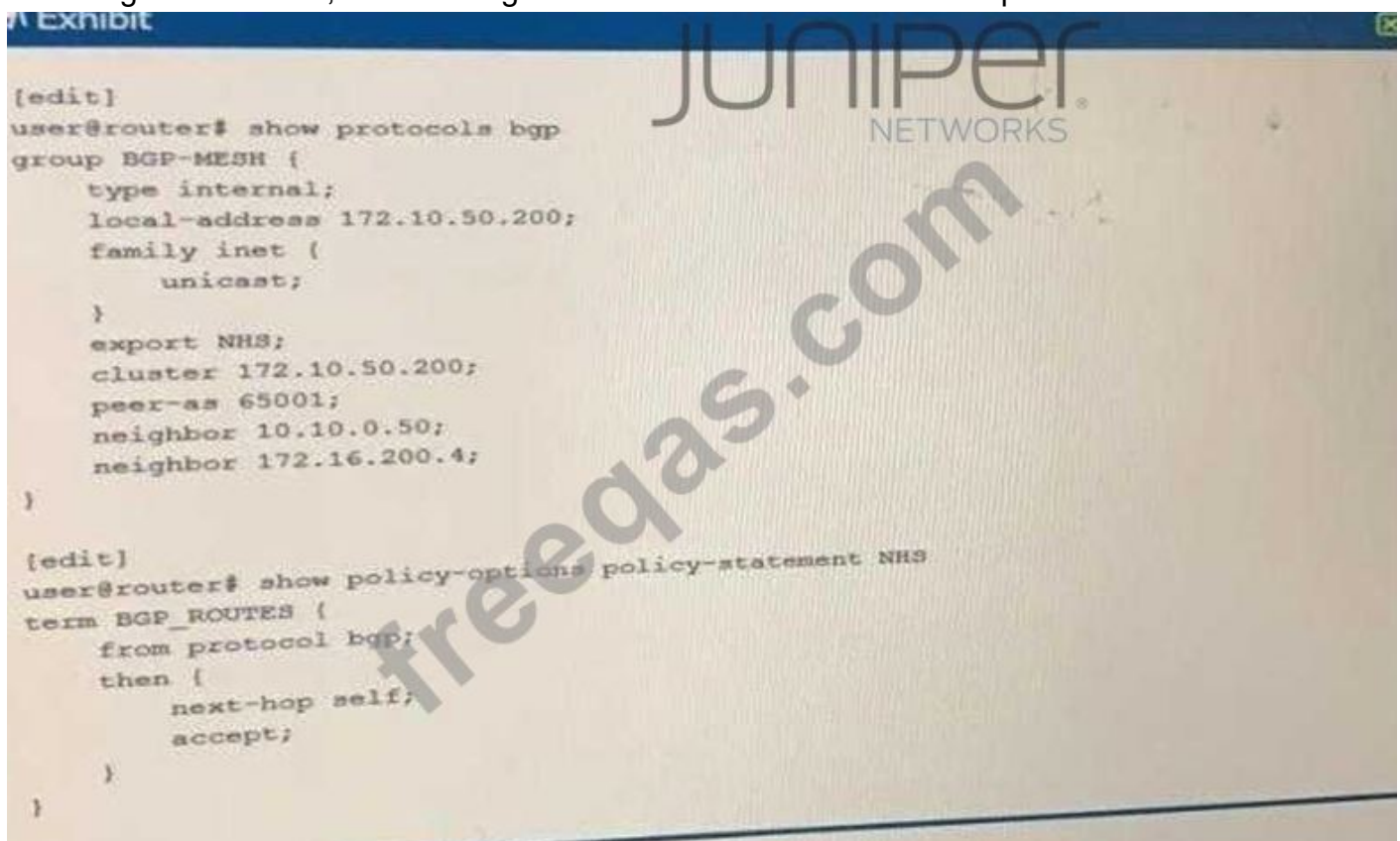
Mapping table-Numerical digest of VLAN-to-instance mappings.

<https://www.juniper.net/documentation/us/en/software/junos/stp-l2/topics/topic-map/spanning-tree-configuring-mstp.html>

NEW QUESTION: 55

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?



```
[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 protocol bgp;
  then {
    next-hop self;
    accept;
  }
}
```

- A. set protocols bgp group BGP-MESH import NHS
- B. set policy-option, policy-statement NHS term BGP_ROUTES from external
- C. delete protocols bgp group BGP-MESH peer-as
- D. delete protocol bop group BGP-MESH export NH3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 56

Referring to the exhibit, traffic ingresses on interface ge-0/0/3 and egresses on interface ge-0/0/4. Which queue does traffic with the IP precedence value of 100 use?

```

term 3 {
  from {
    precedence 3;
  }
  then {
    forwarding-class expedited-forwarding;
    accept;
  }
}
term 4 {
  from {
    precedence [ 6 7 ];
  }
  then {
    forwarding-class network-control;
    accept;
  }
}

```

[edit class-of-service]

user@router# run show class-of-service classifier name ipprec-default
Classifier: ipprec-default, Code point type: inet-precedence, Index: 12

Code point	Forwarding class	Loss priority
000	best-effort	low
001	assured-forwarding	low
010	best-effort	low
011	best-effort	low
100	best-effort	low
101	expedited-forwarding	low
110	network-control	low
111	network-control	high

- A. expedited-forwarding
- B. best-effort
- C. network-control
- D. assured-forwarding

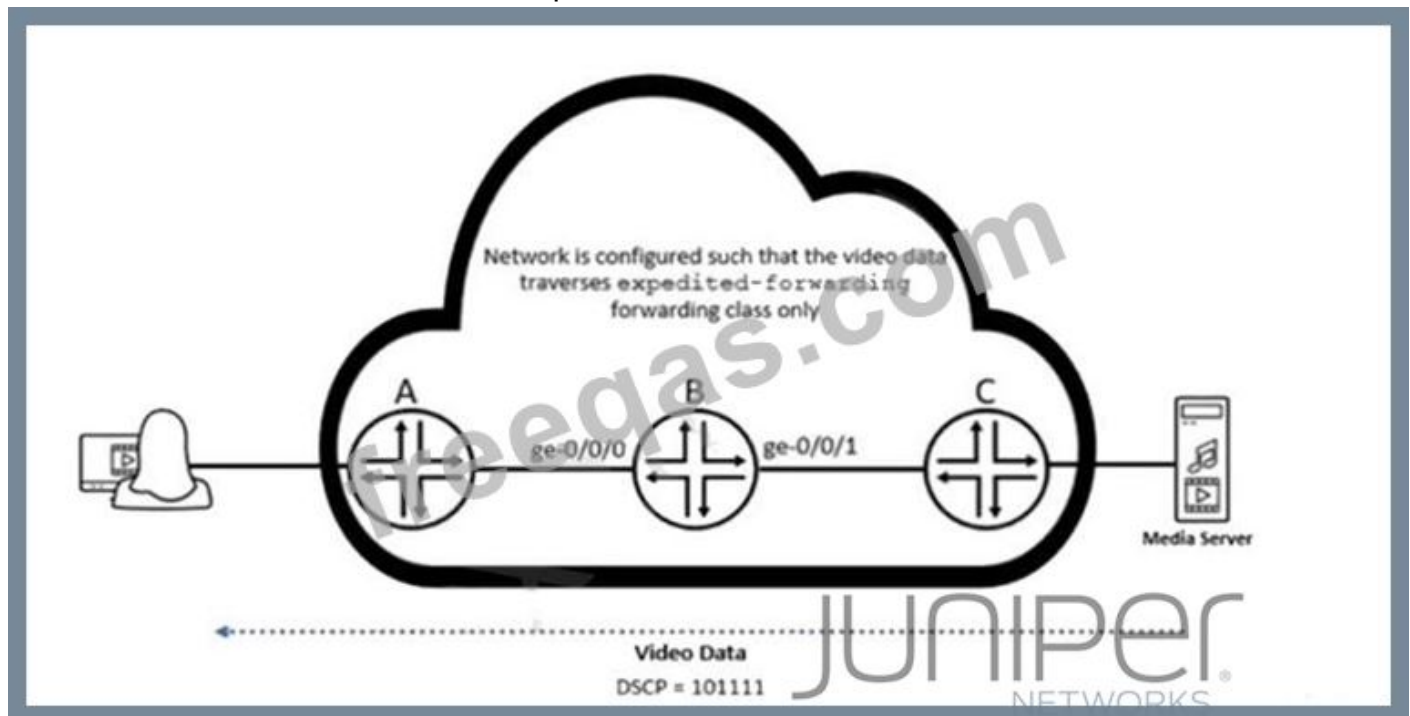
Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 57

A user is attempting to watch a high-definition video being streamed from the media server over the network. However, the user complains that the experienced video quality is poor. While

logged on to router B, a Juniper Networks device, you notice that video packets are being dropped.

In this scenario, what would solve this problem?



- A. Adjust the scheduler for the expedited-forwarding forwarding class to support a higher transmit rate.
- B. Adjust the expedited-forwarding BA classifier to router B's ge-0/0/0 interface to support a higher transmit rate.
- C. Adjust the scheduler-map to support a higher transmit rate.
- D. Adjust the expedited-forwarding BA classifier on router B's ge-0/0/1 interface to support a higher transmit rate.

Answer: ([SHOW ANSWER](#))

transmit rate is set on the scheduler, BA and classifier do not have transmit rate. scheduler-map=maps schedulers to fwd classes

NEW QUESTION: 58

which protocol is a multicast routing protocol?

- A. IS-IS
- B. P1M
- C. OSPF
- D. BGP

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 59

Which BGP message type contains NLRI information?

- A. keepalive
- B. notification

- C. open
- D. update

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

You are troubleshooting connectivity between an EVPN spine switch configured as a route reflector and a leaf node with an IP address of 10.30.100.6.

Referring to the exhibit, what is the problem?

```

spine1> show configuration protocols bgp
group EVPN_IBGP (
  type internal;
  local-address 10.30.100.3;
  family evpn (
    signaling;
  )
  cluster 10.30.100.3;
  local-as 65200;
  multipath;
  allow 10.30.100.0/24;
  neighbor 10.30.100.4;
)
spine> show log messages | grep bgp
May 16 21:48:24 spine1 rpd[1768]: BGP_RESET_PENDING_CONNECTION: 10.30.136.2 (External AS 65504): resetting pending active connection
May 16 23:16:58 spine1 rpd[1768]: bgp_handle_notify:4237: NOTIFICATION received from 10.30.100.5 (Internal AS 65200): code 6 (Cease) subcode 9 (Hard Reset) [code 6 (Cease) subcode 3 (Peer Unconfigured)]
May 16 23:26:23 spine1 rpd[1768]: bgp_process_caps:3844: NOTIFICATION sent to 10.30.100.6 (Internal AS 65200): code 2 (Open Message Error) subcode 7 (unsupported capability) MF capability afi 1, safi 1 <inet-unicast>

```

- A. The spine node is not configured for the family inet NLRI.
- B. The leaf node is not configured for the family evpn NLRI.
- C. The neighbor 10.30.100.6 statement is missing from spine1's configuration.
- D. The neighbor 10.30.100.3 statement is missing from leaf1's configuration.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 61

You are troubleshooting a BGP connection.

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

```

user@router> show log messages | match notification
Dec 22 19:22:29 router rpd[7394]: bgp_process_open:4185: NOTIFICATION sent to 192.168.1.4 (Internal AS 65000): code 2 (Open Message Error) subcode 2 (bad peer AS number), Reason: peer 192.168.1.4 (Internal AS 65000) claims 65100, 65000 configured
Dec 22 19:22:33 router rpd[7394]: bgp_pp_recv:4798: NOTIFICATION sent to 192.168.1.4+56774 (proto): code 2 (Open Message Error) subcode 2 (bad peer AS number), Reason: no group for 192.168.1.4+56774 (proto) from AS 65100 found (peer as mismatch) in master (ge-0/0/1.0), dropping him
Dec 22 19:23:28 router kernel: tcp_auth_ok: Packet from 192.168.1.5:64047 missing MD5 digest
Dec 22 19:23:30 router kernel: tcp_auth_ok: Packet from 192.168.1.6:56201 missing MD5 digest
---(more)---

```

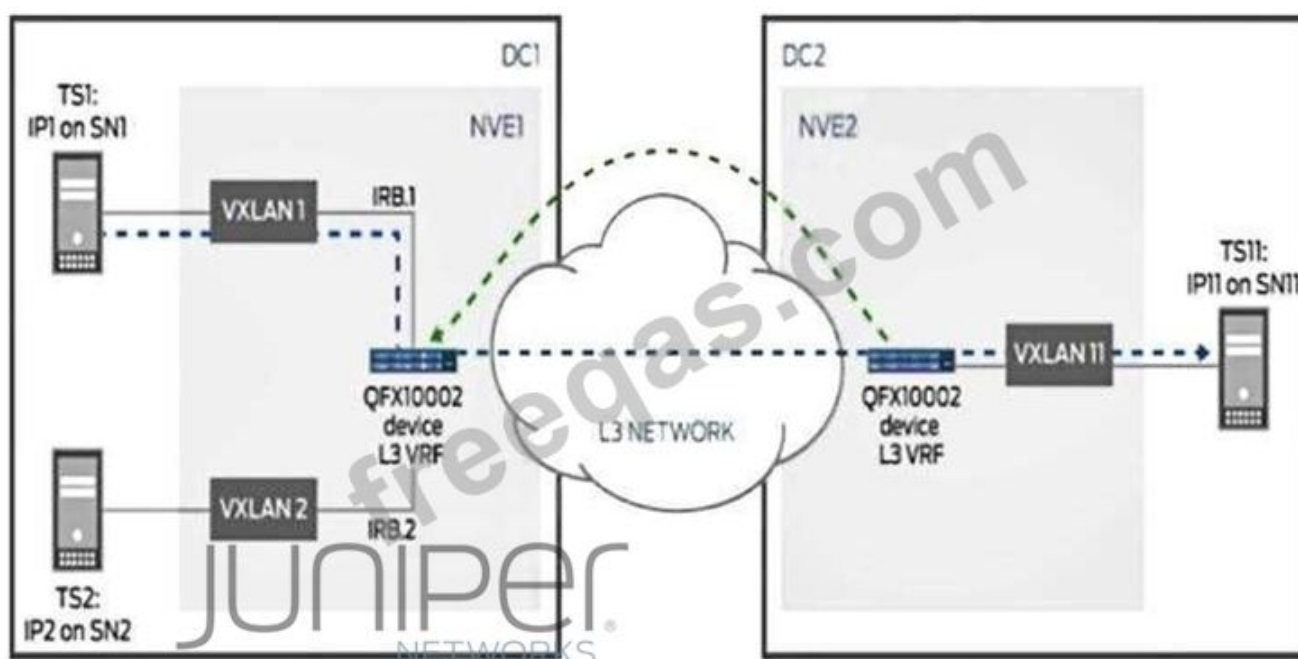
- A. The 192.168.1.4 peer has a misconfigured autonomous system number.
- B. The 192.168.1.5 peer has a misconfigured MD5 key.
- C. Packet fragmentation is preventing the session from establishing.
- D. The ge-0/0/1 interface is disabled.

Answer: C,D ([LEAVE A REPLY](#))

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NEW QUESTION: 62

The connection between DC1 and DC2 is routed as shown in the exhibit.
 In this scenario, which statement is correct?



- A. Type 2 and Type 5 routes will be exchanged between DC1 and DC2.
- B. The border devices must be able to perform Layer 3 routing and provide IRB functionality.
- C. L3VPN must be enabled to advertise reachability.
- D. An IP prefix route provides encoding for intra-subnet forwarding.

Answer: ([SHOW ANSWER](#))

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