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QUESTION 1

Which statement is correct about IS-IS?

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

Correct Answer: A

Level 1/2 routers automatically inject a default route to the nearest Level 1 router. It's the other way around

QUESTION 2

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) MP capability afi 1, safi 1 <inet-unicast>
```

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

Correct Answer: B

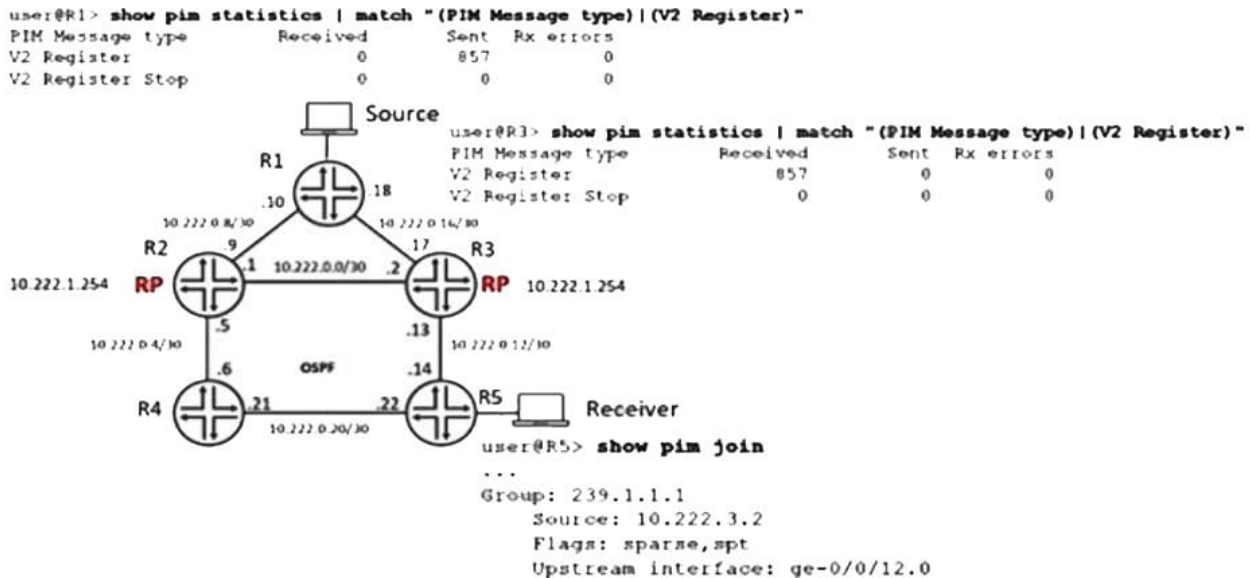
QUESTION 3

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.)



- 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 MSDP protocol between R2 and R3.
- C. 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.
- D. Configure an MSDP protocol between R1 and R2.

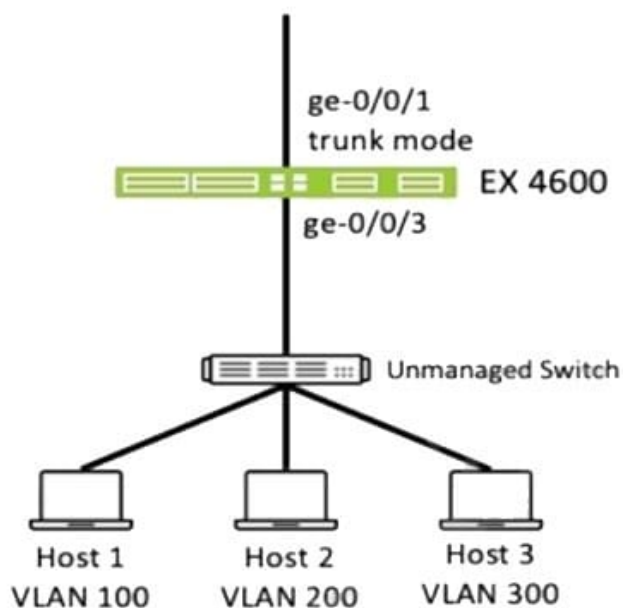
Correct Answer: AC

<https://www.juniper.net/documentation/us/en/software/junos/multicast/topics/ref/statement/rp-set-edit-protocols-pim.html>

QUESTION 4

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 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.
- B. 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.
- C. Configure interface ge-0/0/3 to a mode trunk to assign the VLANs.
- D. Configure VSTP on interface ge-0/0/1 to assign the VLANs.

Correct Answer: C

QUESTION 5

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



```
user@switch> show poe interface
```

Interface	Admin status	Oper status	Max power	Priority	Power consumption	Class
ge-0/0/0	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/1	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/2	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/3	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/4	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/5	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/6	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/7	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/8	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/9	Enabled	OFF	15.4W	Low	0.0W	not-applicable
ge-0/0/10	Enabled	ON	25.4W(L)	Low	11.0W	4
ge-0/0/11	Enabled	ON	25.4W(L)	High	11.4W	4

(L) LLDP-negotiated value on the port.

```
user@switch> show poe controller
```

Controller index	Maximum power	Power consumption	Guard band	Management Class	Status	Lldp Priority
0	100.00W	22.40W	10W	Class	AT_MODE	Disabled

- A. The maximum wattage that this switch can allocate to attached Ethernet devices is 100 watts.
- B. If the total power consumption exceeds 90 watts, the ge-0/0/11 interface will continue to receive power.
- C. PoE is not enabled on the ge-0/0/0 interface.
- D. The ge-0/0/10 interface supports PoE+.

Correct Answer: AD

POE is enabled in the interface ge-0/0/0 but nothing is connected to it. switch is in AT mode (poe+) and interface ge-0/0/11 supports poe+ judging by maximum wattage

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