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QUESTION 1

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.

Correct Answer: ABC

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.

QUESTION 2

Your organization has recently acquired another company. You must carry all of the company\\'s existing VLANsacross the corporate backbone to the existing branch locations without changing addressing and with minimal configuration. Which technology will accomplish this task?

A. Q-in-Q all-in-one bundling

B. PVLAN isolated VLAN

C. MVRP registration normal
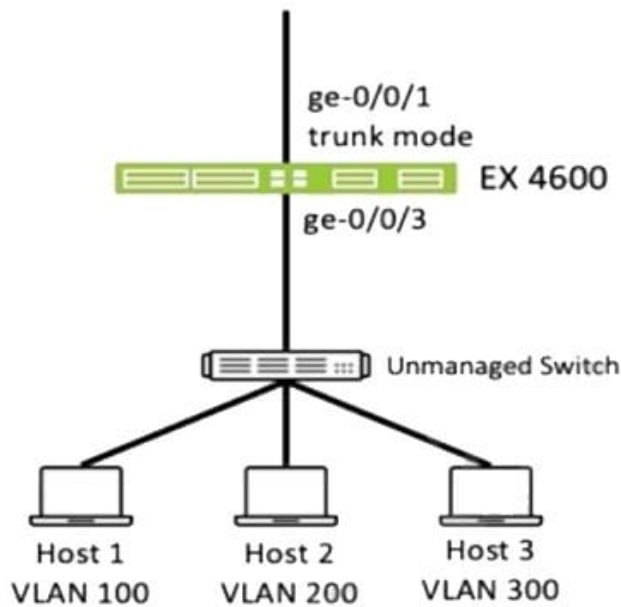
D. EVPN-VXLAN anycast gateway

Correct Answer: A

QUESTION 3

Your network has an unmanaged switch between the hosts and your EX Series switch. After the traffic enters theEX 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 4

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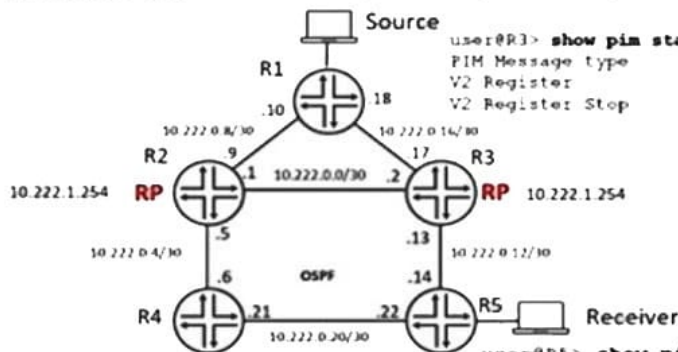
```
user@R3> show pim statistics | match "(PIM Message type)|(V2 Register)"
PIM Message type        Received      Sent   Rx errors
V2 Register                  857          0          0
V2 Register Stop               0          0          0
```

```
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 MSDP protocol between R2 andR3.

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 5

You aredeploying 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. CDP

B. MP-BGP

C. LLDP-MED

D. LLDP

Correct Answer: C