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QUESTION 1

Which statement is true regarding the SPF algorithm?

A. The SPF algorithm is run on a per-domain basis.

B. If you apply an import policy to OSPF, it keeps LSAs from being flooded, and the SPF calculation can be affected.

C. There are two databases used in the calculation, the link-state database and the tree database.

D. The SPF calculation is run on a per-area basis on each router.

Correct Answer: D

QUESTION 2

What is a valid router ID configuration for OSPFv3 in the Junos OS?

A. set routing-options router-id 2001:1:2::1

B. set protocols ospf3 router-id fe80:223:2887:ab31::1

C. set routing-options router-id 224.1.0.1

D. set protocols ospf3 router-id 10.8.3.9

Correct Answer: C

QUESTION 3

-- Exhibit -user@SwitchA# show protocols mstp

configuration-name region1;

bridge-priority 16k;

msti 1 {

bridge-priority 16k;

vlan [10 20];

}

msti 2 {

bridge-priority 8k;

vlan [30 40];

}

user@SwitchB# show protocols mstp

configuration-name region1;

bridge-priority 8k;

msti 1 {

bridge-priority 16k;

vlan [10 20];

}

msti 2 {

bridge-priority 8k;

vlan [30 40 50];

}

-- Exhibit -

Click the Exhibit button.

Referring to the exhibit, a customer observes that the MSTP instance between SwitchA and SwitchB is not converging correctly.

What is causing the problem?

A. The bridge priority values of MSTI 2 are the same.

B. There is a VLAN mismatch between the two switches for MSTI 2.

C. There is a bridge priority mismatch.

D. MSTI 1 and MSTI 2 are part of the same the MSTP region.

Correct Answer: B

QUESTION 4

Which three statements are correct about the PIMoutput shown in the exhibit (Choose three)?

```
user@ R1> show pim join extensive sg
Instance: PIM.master Family: INET
R = Rendezvous Point Tree, S = Sparse, W = Wildcard
Group: 224.123.123.123
    Source: 192.168.220.10
    Flags: sparce, spt
    Upstrenm interface: ge-0/0/25.0
    Upstrenm neighbor: 192.168.35.2
    Upstrenm state: None, Local RP, Join to Source
    Keepalive timeout: 248
Downstream neighbore:
        Interface: ge-0/0/10.0
            192.168.20.1 State: Join Flags: S Timeout: 192
```

A. R1 has the shortest path tree connection to the multicast source

B. The joint request path me from the client at 192 168 35 2

C. The RP is upstream from R1

D. RP is the RP

E. The multicast stream is flowing out of R1 THROUGH interface ge 0/0/10 0

Correct Answer: ADE

QUESTION 5

You have certainly implemented the configuration shown in the exhibit. After committing these changes, the community devices connected to AS1 are not able to communicate with the appropriate community devices connected to AS2. What must be done to allow these community devices to communicate?

A. You must configure an isolation VLAN ID under the pvlan 200 on the AS 2 switch

B. You must configure the ge 0/0/10 interface as AS1 as the pvlan trunk

C. You must configure an isolation VLAN ID under the pvlan 200 on both the switches

D. You must configure the ge 0/012 interface on both switches as pvlan trunks

Correct Answer: D