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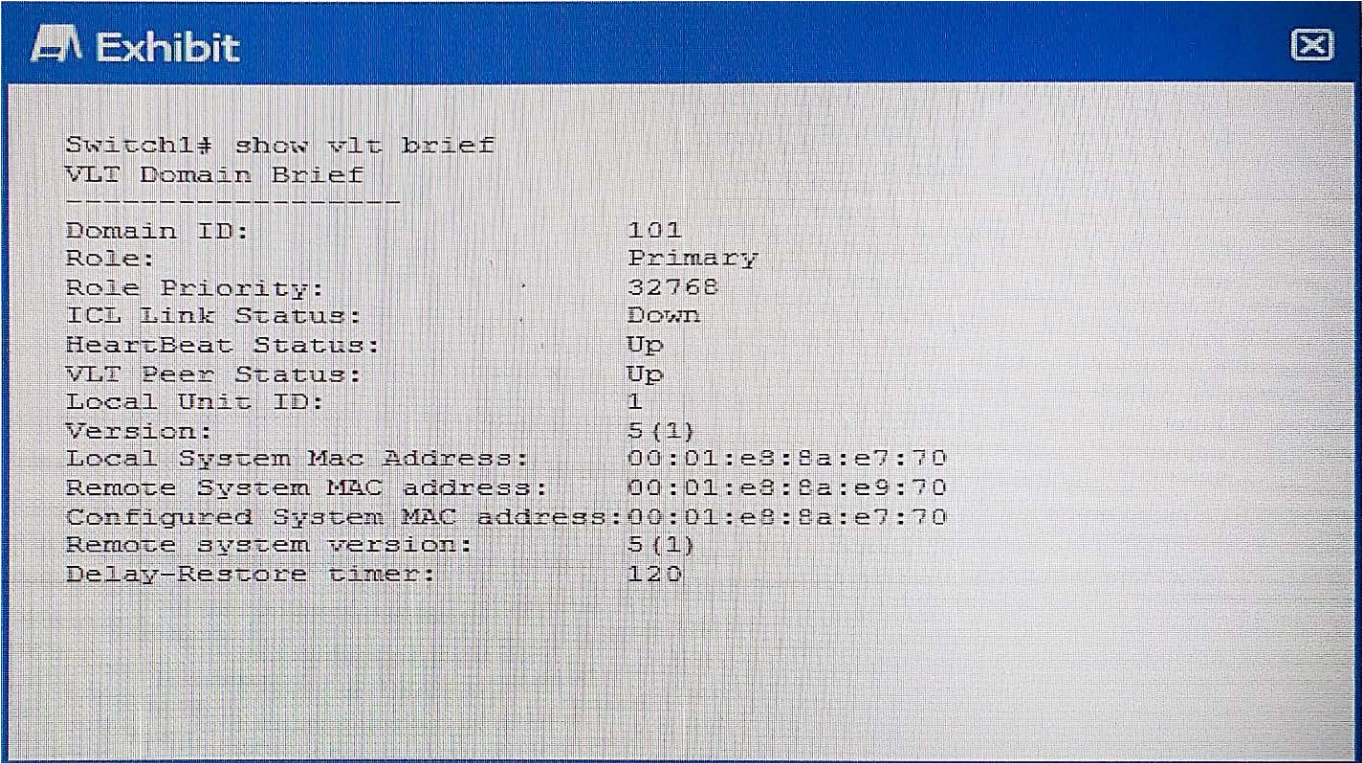
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QUESTION 1

```
Switch1# show vlt brief
VLT Domain Brief
----------------------
Domain ID:                        101
Role:                             Primary
Role Priority:                    32768
ICL Link Status:                  Down
HeartBeat Status:                 Up
VLT Peer Status:                  Up
Local Unit ID:                    1
Version:                          5(1)
Local System Mac Address:         00:01:e8:8a:e7:70
Remote System MAC address:        00:01:e8:8a:e9:70
Configured System MAC address:00:01:e8:8a:e7:70
Remote system version:            5(1)
Delay-Restore timer:              120
```

Refer to the exhibit.

Two S-Series switches have been configured as a VLT Pair.

Which three conclusions should be made based on the output shown from the first peer switch? (Choose three.)

A. The domain ID was administratively defined during the configuration of VLT.

B. Spanning-tree has been disabled to ensure that no VLT loops occur.

C. The System MAC was automatically defined.

D. The peer link is down.

E. The restoration of VLT ports after a system has been rebooted has been automatically configured.

F. The command back-up destination has not been applied.

Correct Answer: ACD

QUESTION 2

A network engineer has configured LACP on two connected S-Series switches. LACP is not formed for port TenGigabitEthernet 0/72.

The network engineer has issued "show lacp" to debug the issue.

```
Dell# show lacp 91
Port-channel 91 admin up, oper up, mode lacp
LACP Fast Switch-Over Disabled
Actor    System ID: Priority 32768, Address 90b1.1cf4.9a4a
Partner System ID: Priority 32768, Address 0001.e8a1.bfff
Actor Admin Key 91, Oper Key 91, Partner Oper Key 91, VLT Peer Oper Key 91
LACP LAG 91 is an aggregatable link
LACP LAG 91 is a VLT LAG
A - Active LACP, B - Passive LACP, C - Short Timeout, D - Long Timeout
E - Aggregatable Link, F - Individual Link, G - IN_SYNC, H - OUT_OF_SYNC
I - Collection enabled, J - Collection disabled, K - Distribution enabled
L - Distribution disabled, M - Partner Defaulted, N - Partner Non-defaulted,
O - Receiver is in expired state, P - Receiver is not in expired state

Port Te 0/68 is enabled, LACP is enabled and mode is lacp
Port State: Bundle
    Actor    Admin:  State ACEHJLMP Key 91 Priority 32768
             Oper:   State ACEGIKNP Key 91 Priority 32768
    Partner Admin:  State BDFHJLMP Key 0 Priority 0
             Oper:   State ACEGIKNP Key 91 Priority 32768
Port Te 0/72 is disabled, LACP is disabled and more is lacp
Port State: Not in Bundle
    Actor    Admin:  State ACEHJLMP Key 91 Priority 32768
             Oper:   State ACEHJLMP Key 91 Priority 32768
    Partner is not present
Port Te 0/80 is enabled, LSCP is enabled and mode is lacp
Port State: Bundle
    Actor    Admin:  State ACEHJLMP Key 91 Priority 32768
             Oper:   State ACEGIKNP Key 91 Priority 32768
    Partner Admin: State BDFHJLMP Key 0 Priority 0
Oper:   State ACEGIKNP Key 91 Priority 32768
```

From the output shown, what are two likely reasons for this result? (Choose two.)

A. Peer port-channel is configured in passive mode.

B. Link speed of the port is different.

C. MTU of the port is different from the channel members.

D. Peer port-channel protocol is configured differently.

E. Peer port-channel priority configured is zero.

F. Peer port-channel key is configured differently.

Correct Answer: DF

QUESTION 3

A networking engineer needs to configure several VLANs for S-Series switches for both Untagged and Tagged traffic.

Which three of the following apply? (Choose three.)

A. A Tagged interface can only be a member of a single Tagged VLAN.

B. A Tagged interface can be a member of multiple VLANs.

C. Hybrid ports can be assigned to both an Untagged VLAN and Tagged VLAN.

D. When a Tagged interface is removed from a VLAN, it will always be placed in the default VLAN as a Tagged interface.

E. Hybrid ports can be assigned to multiple VLANs but not the default VLAN.

F. When a Tagged interface is removed from a VLAN, it will remain Tagged only if it is Tagged in another VLAN.

Correct Answer: BCF

QUESTION 4
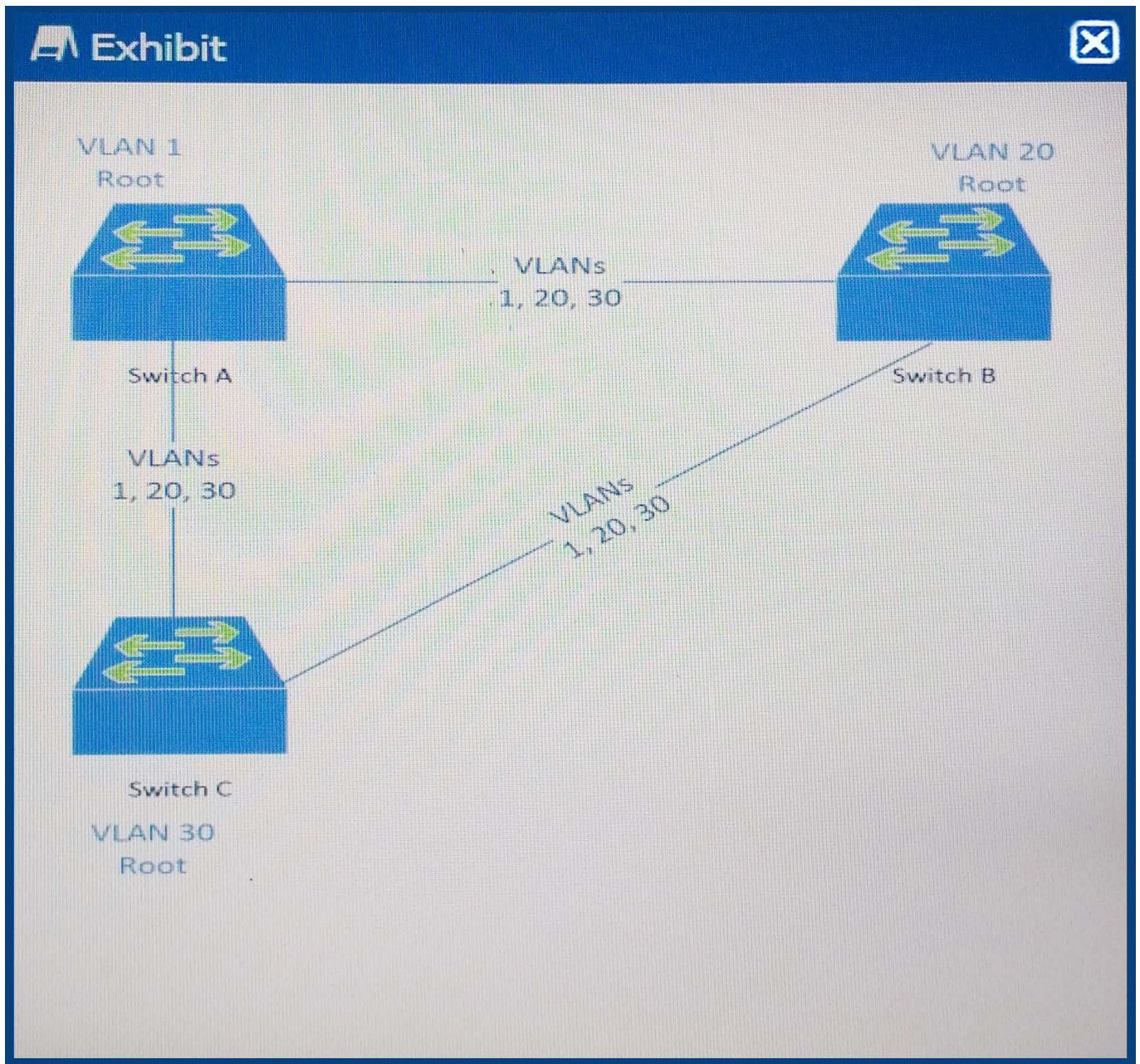
Refer to the exhibit.

The deployment engineer needs to use rapid PVST+ so that some traffic is forwarding on all inter-switch links on these three N-Series Switches. To do so, each switch has been set to the lowest spanning-tree priority value for one of the VLANs.

Given the labeled diagram shown, what Spanning-Tree Priority is Switch B advertising for VLAN 20?

A. 4096

B. 0

C. 32788

D. 4116

Correct Answer: B

QUESTION 5

Exhibit 1

Switch 1 Output:

Dell1#ping 192.168.1.2

Type Ctrl-C to abort.

Sending 5, 100-byte ICMP Echos to 192.168.1.2, timeout is 2 seconds:
.....
Success rate is 0.0 percent (0/5)

Dell1#show vlan

Codes: * - Default VLAN, G - GVRP VLANs, R - Remote Port Mirroring VLANs, P - Primary,
       C - Community, I -Isolated
       O - Openflow
Q: U - Untagged, T - Tagged
   x - Dot1x untagged, X - Dot1x tagged
   o - OpenFlow untagged, O - OpenFlow tagged
   G - GVRP tagged, M - Vlan-stack, H - VSN tagged
   i - Internal untagged, I - Internal tagged, v - VLT untagged, V - VLT tagged

    NUM   Status   Description   Q Ports
 * 1   Inactive   U Te 0/21
    22   Inactive
    30   Active   T Te 0/21
                                                        U Te 0/12-13
    100   Inactive   T Te 0/20

Dell1#show running-config interface vlan 30
!
interface Vlan 30
 ip address 192.168.1.1/24
 tagged TenGigabitEthernet 0/21
 untagged TenGigabitEthernet 0/12-13
 no shutdown

Exhibit 2

Switch 2 Output:

Dell2#show vlan

Codes: * - Default VLAN, G - GVRP VLANs, R - Remote Port Mirroring VLANs, P - Primary,
       C - Community, I - Isolated
       O - Openflow
Q: U - Untagged, T - Tagged
   x - Dot1x untagged, X - Dot1x tagged
   o - OpenFlow untagged, O - OpenFlow tagged
   G - GVRP tagged, M - Vlan-stack, H - VSN tagged
   i - Internal untagged, I - Internal tagged, v - VLT untagged, V - VLT tagged

    NUM   Status   Description   Q Ports
 * 1   Active   U Te 0/1-32
    30   Active   T Te 0/43
                                                        U Te 0/44
    100   Inactive
    1017   Active   T Te 0/1-32

Dell2#show running-config interface vlan 30
!
interface Vlan 30
 ip address 192.168.1.2/24
 tagged TenGigabitEthernet 0/43
 untagged TenGigabitEthernet 0/44
 no shutdown

Refer to the exhibits.

A networking engineer is unable to ping from VLAN 30 across two S-Series switches. Port 13 on switch

Dell1 and Port 43 on switch Dell2 both have a link status of up.

Why does the ping fail between the two switches?

A. Dell1 switch VLAN 30 interface is down.

B. Dell2 switch VLAN 30 interface is down.

C. Dell2 switch port 44 is misconfigured as Untagged.

D. Dell2 switch port 43 is misconfigured as Tagged.

Correct Answer: D