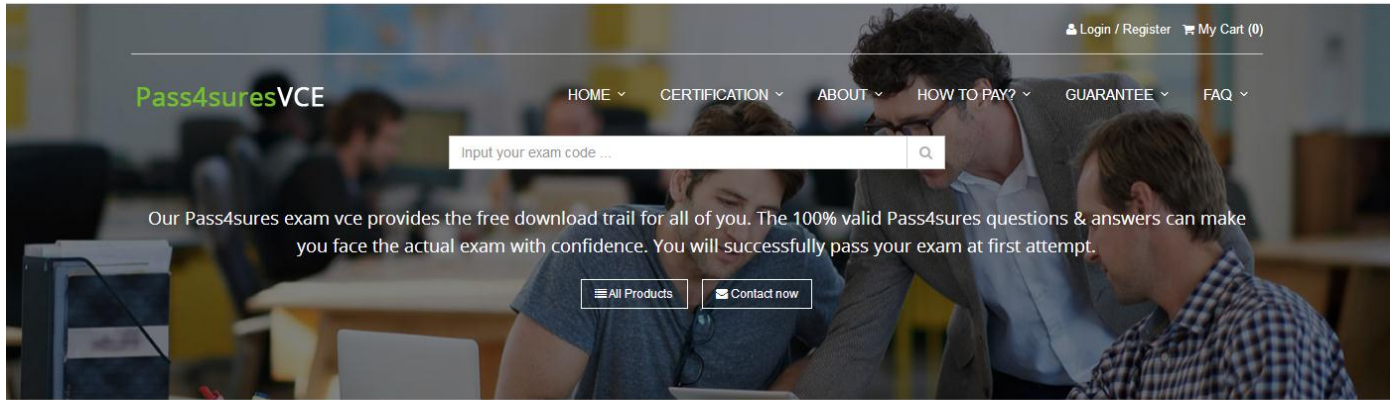


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**Exam** : **642-980**

**Title** : Troubleshooting Cisco Data  
Center Unified Fabric (DCUFT)

**Vendor** : Cisco

**Version** : DEMO

**NO.1** Customer fails to create a private VLAN that has an ID of 4094 on a Cisco Nexus 7000 Series platform.

Which option prevents the customer from creating the private VLAN?

- A. VLAN 4094 was created already by another administrator.
- B. Private VLANs above 1024 require the Enterprise Services Package license.
- C. VLAN 4094 is reserved by the system for internal use.
- D. Private VLAN above 1024 require the Network Services Package license.

**Answer:** C

**NO.2** Refer to the exhibit.

```
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc2/1 error:
Received rjt from adjacent switch:[reason:0]
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc1/2 error:
Member mismatch
%ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding,isolating interface
%ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface
```

In the initial SAN deployment or after topology changes in the SAN, some hosts cannot communicate with storage.

What are three possible causes of the problem? (Choose three.)

- A. misconfigured fabric timers
- B. misconfigured port parameters
- C. VSAN pruning
- D. VSAN trunking issues
- E. VLAN problems
- F. mismatched zoning

**Answer:** A,B,F

**NO.3** Which three statements are true about using the debug command to resolve an HSRP issue on the Cisco Nexus platform? (Choose three.)

- A. The debug command should be allowed to run for at least an hour.
- B. The administrator can log debug messages to a special log file to avoid flooding the console.
- C. Open a second Telnet or SSH session before you enter any debug commands so that if the debug session overwhelms the console, you can stop the message output.
- D. Use the debug command only under the guidance of Cisco Technical Support.
- E. Use the Ethalyzer remote interface command to capture packets.
- F. The debug peer-gateway command should be used to isolate the problem.

**Answer:** B,C,D

**NO.4** Which command would you use to find the AED of an extended VLAN in a dual-homed site of an OTV network?

- A. show otv aed on the AED
- B. show otv site on any edge devices in the site
- C. show otv vlan on the AED
- D. show otv aed on any edge devices in the site
- E. show otv vlan on any edge devices in the site

**Answer:** C

**NO.5** You apply a new CoPP profile to a Cisco Nexus 7000 Series, and it stops responding to ping requests.

Which option should you check?

- A. server SO
- B. SVI that is associated with the server subnet
- C. CoPP counters
- D. ACL that is associated with the CoPP profile applied

**Answer:** D

**NO.6** Which two commands can you issue on a Cisco Nexus 5548UP Switch to determine which interfaces are connected to fabric extenders? (Choose two.)

- A. show fex-fabric interface
- B. show fex
- C. show fex fex-id
- D. show fex interface
- E. show fex detail

**Answer:** C,E

**NO.7** Which configuration is needed to suppress duplicate IP addresses when HSRP localization is enabled?

- A. Configure matching passwords in each data center.
- B. Configure no ip arp gratuitous hsrp duplicate under the VLAN.
- C. Remove the passwords in each data center.
- D. Configure mismatching HSRP versions between data centers.
- E. Change one data center to run VRRP rather than HSRP.

**Answer:** B

**NO.8** Which two statements are true regarding vPC configuration? (Choose two.)

- A. With vPC, there are no blocked ports.
- B. vPC uses hash-based EtherChannel load balancing.
- C. There are STP-blocked redundant links.
- D. There is VLAN-based load balancing.
- E. There is higher oversubscription.

**Answer:** A,B

**NO.9** Which CLI command can tell which switch is on the other side of port channel 2 that is trunking VSAN 5?

- A. show topology vsan 5
- B. show interface port-channel 2 trunk vsan 5
- C. show interface port-channel 2 vsan 5 peer-info
- D. show fcs vsan 5
- E. show fspf database vsan 5 interface port-channel 2

**Answer:** A

**NO.10** Which private VLAN port type allows for the least amount of communication from that port to others?

- A. protected

- B. isolated
- C. community
- D. promiscuous

**Answer:** B

**NO.11** When you ping your new Cisco Nexus 7010 Switch, you see this output:

!!...!!...!!...!!...!!...!!...

What could be the problem?

- A. Traffic may be taking a bad route through the network.
- B. HSRP is flapping.
- C. CoPP is rate-limiting the pings.
- D. The switch has high CPU utilization.

**Answer:** C

**NO.12** Which statement is true regarding Cisco FabricPath?

- A. It is necessary to first install the Cisco FabricPath feature set in the default VDC.
- B. Cisco FabricPath is only available on Cisco Nexus 7010 Switches with the Supervisor 2 engine.
- C. Cisco FabricPath cannot be disabled explicitly for a specific VDC.
- D. If the Cisco FabricPath feature is not installed, the fabricpath keyword will be available in the feature-set command.

**Answer:** A

**NO.13** When a directly connected host pings a switch virtual interface on the Cisco Nexus 7000 Series Switch, there is intermittent ping loss. What is the cause?

- A. CoPP is applying microflow policing to all traffic from the host that is destined to the CPU.
- B. CoPP is applying microflow policing to all traffic to the host that is leaving the CPU.
- C. CoPP is rate-limiting all ICMP traffic that is destined to the CPU.
- D. CoPP is rate-limiting all ICMP traffic that is leaving the CPU.

**Answer:** C

**NO.14** Refer to the output.

feature otv

otv site-vlan 2

otv site-identifier 256

!

interface ethernet 2/0

ip address 192.0.2.1/24

ip igmp version 3

!

interface ethernet 2/1

ip address 192.0.2.2/24

ip igmp version 3

!

interface Overlay1

otv control-group 239.1.1.1

otv join-interface ethernet 2/0

otv extend-vlan 3-100

!

```
interface Overlay2
otv control-group 239.1.1.1
otv join-interface ethernet 2/1
otv extend-vlan 101-115
```

Which command best represents where the control plane configurations are applied?

- A. switch(config-if-overlay)# otv isis hello-interval 30
- B. switch(config-if)# otv isis hello-interval 30
- C. switch(config-vlan)# otv isis hello-interval 30
- D. switch(config)# otv isis hello-interval 30

**Answer:** A

**NO.15** What are three reasons that could cause fabric merge problems in a Cisco SAN? (Choose three.)

- A. Failure occurs when a switch supports more than 2000 zones per VSAN but its neighbor does not.
- B. All devices are in the same VSAN.
- C. The merged fabrics contain inconsistent data that could not be merged.
- D. Both host and storage are logged in to the same SAN.
- E. Small configurations may wipe out the large configurations.
- F. The VSAN database is error-disabled.

**Answer:** A,C,E