



300-615^{Q&As}

Troubleshooting Cisco Data Center Infrastructure (DCIT)

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**QUESTION 1**

Refer to the exhibit.

```
UCS-A(nxos)# show pinning border-interfaces active
-----+-----+-----
-----
Border Interface Status SIFs
-----+-----+-----
-----
Eth1/7 Active Veth988 Veth990 Veth991 Veth993
Eth1/8 Active Veth963 Veth974 Eth1/1/3 Eth2/1/7
Total Interfaces : 2
```

A network engineer traces the packet flow from the Veth991 of a blade server toward the core switch. The switch reports performance issues. What is the role of the interface Eth1/7?

- A. IOM network interface
- B. fabric interconnect uplink interface
- C. IOM host interface
- D. server interface

Correct Answer: B

E1/7 is border interface, which is used as uplink. All other veth interfaces are SIF, which stands for Server Interface.

QUESTION 2

The external routes fail to propagate to leaf switches in Cisco ACI fabric Which two actions resolve the issue? (Choose two.)

- A. Enable the VTEP pool in the fabric
- B. Assign an MP-BGP AS number to the fabric.
- C. Specify the spine nodes as route reflectors
- D. Associate the correct contract to the L3out.
- E. Configure an MP-BGP area.

Correct Answer: BC

QUESTION 3

Refer to the exhibit.



```
switch# show ip ospf
      ^
% invalid command detected at '^' marker.
```

An engineer fails to implement OSPF routing on a Cisco Nexus 9000 Series Switch. Which action resolves the issue?

- A. Enable the OSPF feature.
- B. Remove invalid characters from the command.
- C. Populate the OSPF database.
- D. Wait for the OSPF adjacency to be established.

Correct Answer: A

QUESTION 4

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
```

An engineer deploys a SAN environment with two interconnected Cisco MDS 9000 Series Switches. When the engineer attempts a zone merge, it fails with the error that is presented in the exhibit. Which action resolves the issue?

- A. Import or export a zone set between the switches to synchronize the switches.
- B. Change the name of one of the zones to match the other zone set.
- C. Set the distribute policy of the zone to full.
- D. Ensure that the zone members have different names.

Correct Answer: D



Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/troubleshooting/guide/N5K_Troubleshooting_Guide/n5K_ts_sans.html

https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/troubleshooting/guide/ts_guide.pdf

QUESTION 5

An engineer upgrades Cisco UCS firmware from release 3.1(2) to release 3.1(3) using AutoInstall. Both fabric interconnects go offline during the software upgrade installation and issue multiple FSM retries in the DeployPollActivate stage. Which set of actions resolves the issue?

- A. Clear the startup version of the default infrastructure and server pack. Remove the service pack from the subordinate node. Upgrade with the Force attribute through AutoInstall.
- B. Enable the management interface monitoring policy on the fabric interconnects. Initiate a configuration backup on both fabric interconnects. Commit the pending fabric interconnect reboot activity.
- C. Fix the rights to 666 with the debug plugin on the primary fabric interconnect. Save the current configuration on the running fabric interconnect. Continue the upgrade on both fabric interconnects.
- D. Acknowledge the error and reboot the primary fabric interconnect. Clear the default firmware version and upload a new one. Restart the upgrade process manually.

Correct Answer: A

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