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QUESTION & ANSWER

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Exam : **300-615**

Title : Troubleshooting Cisco Data Center Infrastructure (DCIT)

Version : DEMO

1.Refer to the exhibit.

```
N5K1(config-if)# show system internal dcbx info interface ethernet 1/1
Interface info for if_index: 0x1a000000(Eth1/1)
tx_enabled: FALSE
rx_enabled: FALSE
dcbx_enabled: TRUE
DCX Protocol: CIN
Port MAC address: 00:0d:ec:c9:c8:08
DCX Control FSM Variables: seq_no: 0x1, ack_no: 0x0,my_ack_no: 0x0,
peer_seq_no:
 0x0 oper_version: 0x0, max_version: 0x0 fast_retries 0x0
Lock Status: UNLOCKED
PORT STATE: UP
LLDP Neighbors
No DCX tlvs from the remote peer
```

A network engineer notices packet drops on FCoE traffic from the servers.
Which action resolves the issue?
A. Apply flowcontrol receive on the interface.
B. Apply flowcontrol transmit on the interface.
C. Enable priority flow control on the interface.
D. Disable priority flow control on the interface.
Answer: C

2.A system administrator adds two vNICs to an existing service profile that is used to run a vSphere environment to support disjoint Layer 2 network connectivity. However, after the server is rebooted, the host is not accessible on the network.
Which action resolves the issue?
A. Remove all existing vNICs and add them in the desired order.
B. Build a new service profile with the desired network configuration
C. Add the disjoint Layer 2 VLANs to an existing vNIC rather than adding new vNICs
D. Create a vNIC placement policy to avoid adapter renumbering
Answer: C
Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/hyperconverged-infrastructure/hyperflex-hx-data-platform/213665-troubleshoot-hx-nodes-pci-address-reorde.html

3.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 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.
Answer: B
Explanation:
https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/troubleshooting/guide/ts_guide.pdf

Resolving a Link Isolation Because of a Failed Zone Merge Using the CLI

The following CLI commands are used to resolve a failed zone merge:

- **zoneset import** *vsan-id*
- **zoneset export** *vsan-id*

To resolve a link isolation because of a failed zone merge using the CLI, follow these steps:

4.Refer to the exhibit.

```
ACME-5K-A(config-vsan-db) # sh int fc2/16

fc2/16 is down (Inactive)
     Port description is UplinkTo_MDS-A_1/6
     Hardware is Fibre Channel, SFP is short wave laser
w/o OFC (SN)
     Port WWN is 20:50:00:2a:6a:98:bc:80
     Admin port mode is E, trunk mode is auto
     snmp link state traps are enabled
     Port vsan is 1
     Receive data field Size is 2112
     Beacon is turned off
```

The connection between a Cisco Nexus 5548UP switch and a Cisco MDS switch fails to initialize.
What is the cause of the issue?
A. VSAN 1 is suspended.
B. The SFP is unsupported.
C. Trunk mode must be activated.
D. The interface is in an incorrect mode.
Answer: A

5.Refer to an exhibit.

```
N5k-A-199# sh install all impact system
N5000-uk9.7.1.4.N1.1.bin kickstart
N5000-uk9-kickstart.7.3.4.N1.1.bin
Verifying image bootflash:/n5000-uk9-
kickstart.7.3.4.N1.1.bin for boot
variable "kickstart".
[####################] 100% -- SUCCESS
Verifying image bootflash:/n5000-
uk9.7.1.4.N1.1.bin for boot variable
"system".
[# ] 0% -- FAIL. Return code 0x4045001F
(image MD5  checksum error).
Install has failed. Image verification
failed (0x40930011)
```

An engineer is troubleshooting an upgrade failure on a switch.
Which action resolves the issue?

A. Save the system image in NVRAM.

B. Use the same system image as the kickstart image.

C. Load a new system image.

D. Reload the same system image.

Answer: B