642-980^{Q&As}

Troubleshooting Cisco Data Center Unified Fabric

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QUESTION 1

An administrator wants to combine the advantages of a trunking F port and an F port channel.

Which command on a Cisco MDS switch should be used to enable this?

A. enable port-channel

B. feature trunking-fport

C. feature fport-channel-trunk

D. port-channel trunk

E. feature fport-trunk

Correct Answer: C

QUESTION 2

Refer to the exhibit.

```
switch# sh int fc2/7
fc2/7 is down (NPV upstream port not available)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
Port WWN is 20:47:00:0d:ec:a4:3b:80
Admin port mode is F, trunk mode is off
snmp link state traps are enabled
Port vsan is 99
Receive data field Size is 2112

switch# show vsan membership
vsan 1 interfaces:
fc2/1 fc2/2 fc2/3 fc2/4
fc2/5 fc2/6 san-port-channel 200
vsan 99 interfaces:
fc2/7 fc2/8
```

The server port connected to the NPV edge switch does not come online. Which action should fix the problem?

A. Move the NP ports on the NPV edge and the F ports on the NPIV into the same VSAN 99.

B. Move the NP ports on the NPV edge and the F ports on the NPIV in the default VSAN 1.

C. Move all the ports into VLAN 1.

D. Move all the ports into VSAN 99.

E. Move all the ports into VLAN 99.

Correct Answer: A

QUESTION 3

Which two describe the correct requirements for non-disruptive IOS ISSU on Cisco Nexus 7000 Series Switches? (Choose two.)

A. updated kickstart and system images must be staged in bootflash on single-supervisor switches

B. updated kickstart and system images must be staged in bootflash on dual-supervisor switches

C. low version skew

D. dual supervisors

E. clock synchronization

Correct Answer: CD

QUESTION 4

What are the two most common causes of the "SFP validation failed" error on an interface when you attempt to connect aCisco Nexus 2148T Fabric Extender to aCisco Nexus 5548UP Switch? (Choose two.)

A. The port must be in switchport monitor mode.

B. It is a hardware limitation of the Cisco Nexus 2148T.

C. The wrong speed is configured on the interface.

D. The incorrect license has been applied on the Cisco Nexus 5548UP.

E. The wrong switchport mode is configured on the interface.

Correct Answer: CE

QUESTION 5

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.

Correct Answer: ACE

QUESTION 6

What arethreesituations that may cause an ISSU failure? (Choosethree.)

A. A module is removed while the upgrade is in progress.

B. A proper ISSU license is not in place.

C. The device has a power disruption while the upgrade is in progress.

D. A line card is in a failure state.

E. The specified system and kickstart images are not compatible.

F. The management interface is not in the correct VRF.

G. The secondary supervisor is not installed.

H. The redundancy force-switchover command was used during the ISSU.

Correct Answer: CDE

QUESTION 7

To ensure thatDCBX can be run on a switch, which other feature must be enabled?

A. Cisco Discovery Protocol

B. LLDP

C. Fibre Channel

D. IEEE 802.1ad

Correct Answer: B

QUESTION 8

The traffic across your port channels seems to be favoring one link over the other. How can you adjust the load-balancing policy to include source and destination MAC addresses, IP address, and TCP port?

A. kcdc-5010-1(config-if)# port-channel load-balance ethernet source-dest-port

B. kcdc-5010-1(config-if)# port-channel load-balance ethernet source-dest mac ip port

C. kcdc-5010-1(config)# port-channel load-balance ethernet source-dest-port

D. kcdc-5010-1(config)# port-channel load-balance ethernet source-dest mac ip port

Correct Answer: C

QUESTION 9

Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
====================
   Interface: fc1/1, VSAN: 1, FCID: 0x110000, State: Failed(Mismatch in VSAN for this
   upstream port)

   Number of External Interfaces: 1
```

When suspending or deleting VSANs, which three statements are true? (Choose three.)

A. You can delete only one VSAN at a time.

B. You must wait 60 seconds after you enter the vsan suspend command before you enter another command.

C. You must wait 120 seconds after you enter the vsan suspend command before you enter another command.

D. You can unsuspend only one VSAN at a time.

E. You can delete multiple VSANs as long as they are in the same domain.

F. You can delete multiple VSANs as long as they are in the same zone.

Correct Answer: ABD

QUESTION 10

On a Cisco Nexus 5500 Series Switch, the VFC is stuck in the initializing state. Which QoS statements must be configured for FCoE to operate?

A. system qos service-policy type qos input fcoe-default-in-policy service-policy type queuing input fcoe-default-in-policy service-policy type queuing output fcoe-default-out-policy service-policy type network-qos fcoe-default-nq-policy

B. system qos service-policy type qos input fcoe-default-in-policy service-policy type queuing input fcoe-default-in-policy service-policy type qos input default-in-policy service-policy type network-qos default-nq-policy

C. system qos service-policy type qos input default-in-policy service-policy type queuing input default-in-policy service-policy type queuing output default-out-policy service-policy type network-qos default-nq-policy

D. system qos service-policy type qos input default-in-policy service-policy type queuing input default-in-policy service-policy type queuing output fcoe-default-out-policy service-policy type network-qos fcoe-default-nq-policy

Correct Answer: A

QUESTION 11

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 Ethanalyzer remote interface command to capture packets.

F. The debug peer-gateway command should be used to isolate the problem.

Correct Answer: BCD

QUESTION 12

Refer to the exhibit.
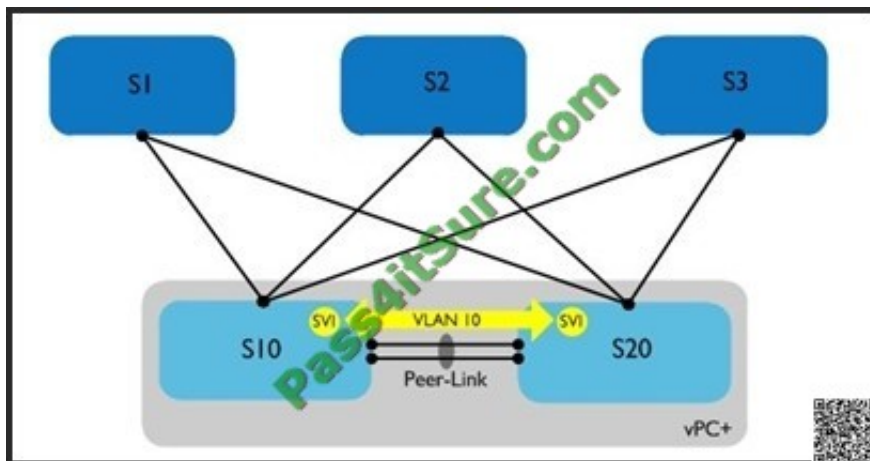
An administrator sets up a FabricPath network. The administrator tries to ping between two SVI interfaces on the leaf switches 10 and 20, but it fails. What caused the pings to fail?

A. Switches S10 and S20 do not have F2 modules.

B. The vPC peer gateway must be enabled on switches S10 and S20.

C. Switches S1, S2, and S3 should be interconnected directly.

D. VLAN 10 is not enabled on the spine switches (S1, S2, and S3).

E. Layer 3 over a vPC+ peer link is not supported.

Correct Answer: D

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