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642-980

Troubleshooting Cisco Data Center Unified
Fabric (DCUFT)

DEMO

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QUESTION NO: 1

Which command displays the traffic statistics for a port channel interface?

- A. show interface port-channel channel-number
- B. show port-channel traffic
- C. show port-channel usage
- D. show port-channel compatibility-parameters

Answer: B

Explanation:

QUESTION NO: 2

Which statement is true regarding LACP configuration?

- A. With LACP, you can bundle up to 16 interfaces in a channel group.
- B. LACP configuration is global and can be only configured by admin.
- C. After removing LACP configuration, you need to reboot the device.
- D. You can disable LACP while any LACP configurations are present.

Answer: A

Explanation:

QUESTION NO: 3

Which two statements are true regarding vPC configuration? (Choose two.)

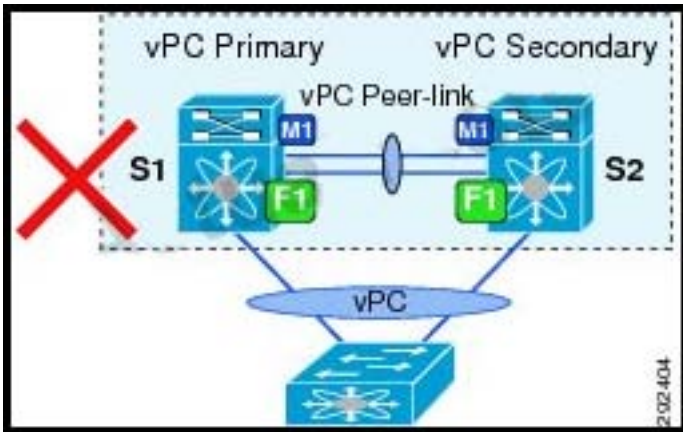
- A. With vPC, there are no blocked ports.
- B. vPC uses hash-based EtherChannel load balancing.
- C. There are STP-blocked redundant links.
- D. There is VLAN-based load balancing.
- E. There is higher oversubscription.

Answer: A,B

Explanation:

QUESTION NO: 4

Refer to exhibit.



Customer has a pair of Cisco Nexus7010s switches and connected to a single Cisco Nexus5548 switch via vPC. Customer has a combination of M1 and F1 I/O Modules in Cisco Nexus7010s.

Why is the design described not supported?

- A. Mixing I/O Modules on the Same Side of a Peer Link is not supported
- B. vPC does not support split control plane
- C. You can not configure a vPC peer link to configure two devices as vPCs
- D. Need to add another Cisco Nexus5548 switch to the topology to make this work.

Answer: A

Explanation:

QUESTION NO: 5

What is one requirement for running FabricPath on a Cisco Nexus 7000 Series switches?

- A. You must have an F Series module
- B. You must run NX-OS version 4.2 to run FabricPath
- C. ISSU needs to be disabled to run FabricPath
- D. LAN_TRANSPORT_SERVICES_PKG license needs to be installed to run FabricPath

Answer: A

Explanation:

QUESTION NO: 6

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

Explanation:

QUESTION NO: 7

Your customer is an ISP providing service to thousands of end customers. Its main concerns are focused on using up the total number of 4096 VLANs per VDC, wasting an unused block of IP addresses, and IP address management. Which technique will address these concerns?

- A.** create a separate VDC to scale VLAN limitation and upgrade to Cisco Nexus 7018 Switch
- B.** segment VLANs using secondary IP addresses, which will reduce the management domain
- C.** create mapping between the VLAN and VSAN to run FCoE to consolidate VLAN and IP addresses
- D.** use PVLANS, which will solve the scalability problem and provide IP address management

Answer: D

Explanation:

QUESTION NO: 8

Which statement is true regarding STP?

- A.** When the spanning-tree topology is calculated based on default parameters, the path between the source and destination end stations in a switched network might not be ideal.
- B.** The path between the source and the destination end stations is always ideal with the default spanning-tree parameter.
- C.** The path between the source and the destination end stations is determined by the speed of the link; the slowest link speed will become the root port during the election.
- D.** The path between the source and the destination end stations is determined by the lowest MAC address; the lowest MAC address will become the root port during the election.