



Vendor: Cisco

Exam Code: 642-991

Exam Name: Cisco Data Center Unified Fabric Solutions
Design (DCUFD)

Version: DEMO

QUESTION 1

You have been tasked with designing and implementing a data center network. You are ready to configure a Cisco Unified Computing System to Nexus 7000 connection. To ensure active/active forwarding for all VLANs on all Cisco Unified Computing System uplinks toward the Cisco Nexus 7000 switches, what is the correct configuration?

- A. VSS between the two northbound Cisco Nexus 7000 switches and leave the fabric interconnects in their default mode.
- B. vPC on the Cisco Nexus 7000 switches with the Cisco Unified Computing System fabric interconnects running in end-host mode.
- C. vPC on the Cisco Nexus 7000 switches with the Cisco Unified Computing System fabric interconnects running in switch mode.
- D. Nothing specific on the Cisco Nexus 7000 switches but enable switch mode on the Cisco Unified Computing System fabric interconnects.

Answer: B

QUESTION 2

You are deploying a new rack into your data center. This rack requires 10 x 1-Gb connections and 10 x 10-Gb connections. Which product would be best suited, and minimize unused ports, to provide networking connectivity to this rack?

- A. Cisco Nexus 5010 because it supports 10 ports as either 1-Gb or 10-Gb
- B. Cisco Nexus 5010 because it supports 20 ports as either 1-Gb or 10-Gb
- C. Cisco Nexus 5020 because it supports 16 ports as either 1-Gb or 10-Gb
- D. Cisco Nexus 5020 because it supports 32 ports as either 1-Gb or 10-Gb

Answer: C

QUESTION 3

Which hardware-based security feature mitigates DDoS attacks against the Cisco Nexus switch itself?

- A. ACLs
- B. CoPP
- C. IP Source Guard
- D. IP sanity checks

Answer: B

QUESTION 4

How many Cisco Catalyst 6500 Series FWSM modules can be supported in a single Cisco Catalyst 6500 chassis?

- A. 1
- B. 2
- C. 4
- D. 8

Answer: C

QUESTION 5

In a Cisco Unified Network design, the core layer could have which two services available? (Choose two.)

- A. NPIV feature
- B. NPV feature
- C. fabric login services
- D. FCoE FEX
- E. config-sync

Answer: AC

QUESTION 6

Which two tools can be used to monitor the name server logins of the converged adapters? (Choose two.)

- A. Cisco DCNM SAN
- B. Cisco DCNM LAN
- C. Cisco Nexus EEM
- D. monitor session to Wireshark
- E. Threshold Manager

Answer: AD

QUESTION 7

Which of the following is the most important consideration of an FCoE design?

- A. EvPC
- B. oversubscription
- C. active/active Converged Network Adapter ports
- D. fabric path
- E. ENPV

Answer: B

QUESTION 8

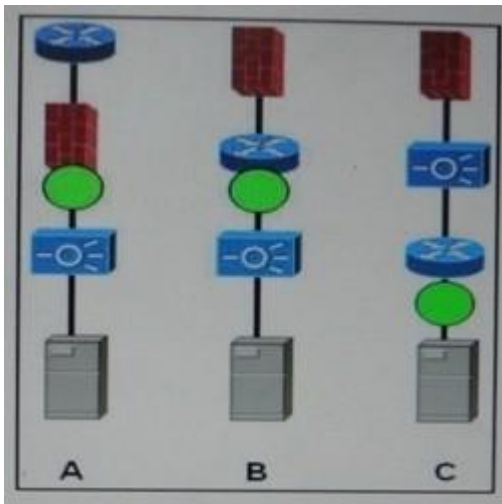
In designing virtual firewalls for a data center environment using the Cisco Nexus 7010 Switch, which two are valid design options? (Choose two.)

- A. Multiple VSSs can be assigned to a different VDC.
- B. Different VDCs can be deployed for each virtual firewall.
- C. Multiple VRFs can be used, each of which can allocate a VSS for each virtual firewall.
- D. A subset of VLANs and VRFs can be assigned to a virtual management domain.
- E. Multiple VRFs can be associated with each virtual firewall within a single VDC.

Answer: BE

QUESTION 9

Refer to the exhibit, where the green dots represent server default gateway selection. Which design provides the maximum level of application and security services?



- A. A
- B. B
- C. C
- D. A and C

Answer: A

QUESTION 10

Which two Cisco service modules can be deployed in redundant pairs with active-active failover? (Choose two.)

- A. ACE
- B. CSM
- C. NAM
- D. FWSM
- E. SSLSM

Answer: AD

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