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?
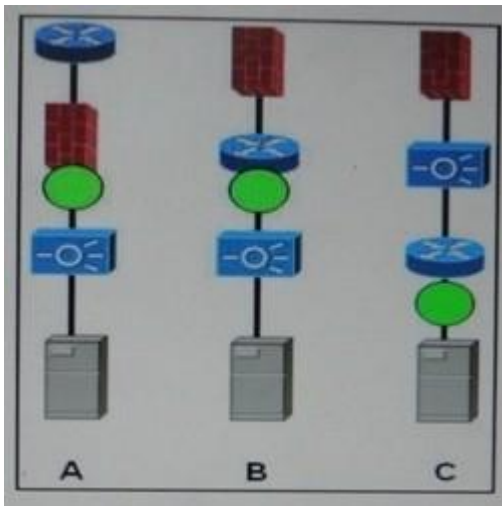
A. A
B. B
C. C
D. A and C

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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