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642-998

Designing Cisco Data Center Unified
Computing (DCUCD)

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QUESTION NO: 1

Which document is the least relevant as an output deliverable from the design phase?

- A. high-level design
- B. site requirements specification
- C. configurations
- D. migration plan

Answer: C

Explanation:

QUESTION NO: 2

Which performance characteristic is least likely to require being addressed in the data center solution requirements?

- A. server virtualization
- B. desktop virtualization
- C. distributed computing
- D. private cloud
- E. power efficiency

Answer: E

Explanation:

QUESTION NO: 3

Which item can be used as an alternative reconnaissance tool to the NetApp OnCommand Balance application?

- A. NetIQ PlateSpin
- B. VKernel vOPS
- C. Microsoft Assessment and Planning Toolkit
- D. VMware vCenter Orchestrator plug-in
- E. Symantec Enterprise Security Manager

Answer: A

Explanation:

QUESTION NO: 4

Which design steps could be considered optional?

- A. audit
- B. solution sizing
- C. analysis
- D. deployment provision

Answer: A

Explanation:

QUESTION NO: 5

Which technology differentiates a data center designed around Cisco equipment versus another vendor?

- A. NPV
- B. NPIV
- C. VSANs
- D. FCoE

Answer: C

Explanation:

QUESTION NO: 6

Which two characteristics are associated with the core layer of a Cisco Data Center Unified Fabric network? (Choose two.)

- A. no packet manipulation
- B. QoS – policing
- C. voice, data, and wireless convergence
- D. scalable routing protocols
- E. provides default gateway redundancy
- F. QoS – classification and queuing

Answer: A,D

Explanation:

QUESTION NO: 7

The ANSI restriction that only 239 Fibre Channel domains are allowed per SAN fabric creates challenges for the designer working on a Cisco Data Center Unified Fabric network.

Which two approaches can the designer utilize to restrict the number of Fibre Channel domains below 239? (Choose two.)

- A. Daisy chain up to 100 core Fibre Channel switches, leaving 139 domains for the network edge.
- B. Assign a domain ID for each blade switch and top-of-rack access layer switch.
- C. Use NPV to cause a fabric or blade switch to appear as a host to the core Fibre Channel switch.
- D. Migrate to FCoE to eliminate the need for Fibre Channel domains.
- E. Utilize VSANs to allow scaling well beyond 239 domain IDs.

Answer: C,E

Explanation:

QUESTION NO: 8

Which three characteristics are associated with the aggregation layer of a Cisco Data Center Unified Fabric network? (Choose three.)

- A. no packet manipulation
- B. QoS – policing
- C. voice, data, and wireless convergence
- D. scalable routing protocols
- E. provides default gateway redundancy
- F. QoS – classification and queuing
- G. routing manipulation and filtering
- H. aggregates end users

Answer: B,E,G

Explanation: