

Exam Code: 642-961

Exam Name: Cisco Data Center Networking Infrastructure
Solutions design

Vendor: CISCO

Version: DEMO

Part: A

1: Which statement best describes the data center core layer?

- A.connects to the campus aggregation layer
- B.provides a resilient Layer 2 routed fabric
- C.is typically merged with the campus core layer
- D.load balances traffic between the core and aggregation layers

Correct Answers: D

2: Which type of network in an HPC environment most requires low latency?

- A.MPI
- B.access
- C.private
- D.storage

Correct Answers: A

3: Which type of HPC application requires low latency?

- A.financial analytics
- B.finite element analysis
- C.digital image rendering
- D.seismic and geophysical modeling

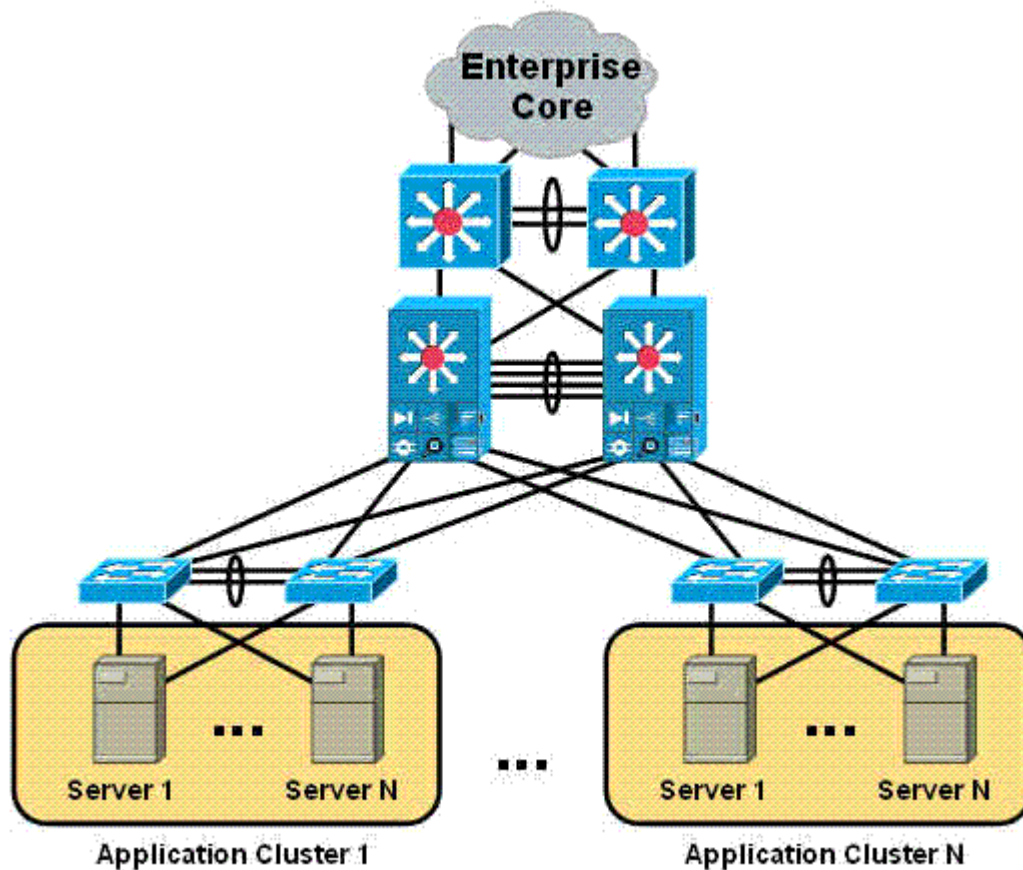
Correct Answers: B

4: A very large blade-server deployment has high throughput requirements for both data and storage networks. Which access layer option would you recommend?

- A.blade server Ethernet switch with Cisco SFS 3000 Series Multifabric Switch
- B.blade server InfiniBand switch with Cisco SFS 3000 Series Multifabric Switch
- C.blade server Ethernet switch that is connected to Cisco Catalyst 4948 top-of-rack switch
- D.blade server Ethernet switch that is connected to Cisco Catalyst 6500 Series end-of-rack switch

Correct Answers: B

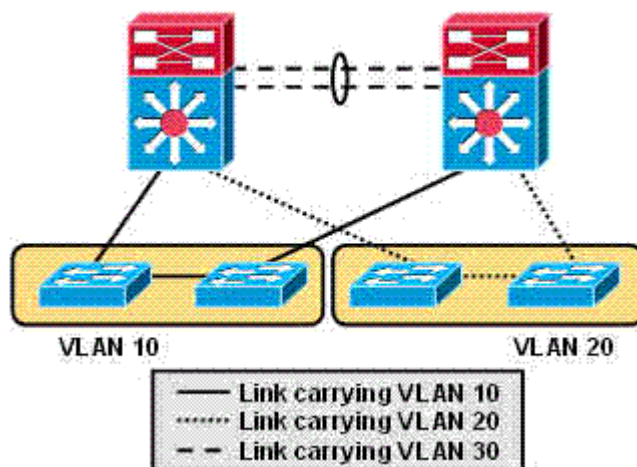
5: Refer to the exhibit. Where is Layer 2 adjacency required?



- A. server-to-server only
- B. access-to-server only
- C. aggregation-to-access only
- D. aggregation-to-access and access-to-server

Correct Answers: B

6: Refer to the exhibit. What is a feature of this spanning-tree topology?



- A. VLANs are not restricted to access-switch pairs.
- B. Only one aggregation-to-access uplink is active at a given time.
- C. If the link between access-switch pairs is broken, the return IP path may be broken.

D.Uplink failures on access layer switches will not break connectivity between servers and service modules in the aggregation layer.

Correct Answers: C

7: How is FCIP traffic marked with DSCP values?

- A.The Cisco MDS 9000 Series Multilayer Switch marks one DSCP value per FCIP tunnel.
- B.The Cisco MDS 9000 Series Multilayer Switch marks two DSCP values per FCIP tunnel.
- C.The aggregation layer Ethernet switch marks one DSCP value per FCIP tunnel.
- D.The aggregation layer Ethernet switch marks two DSCP values per FCIP tunnel.

Correct Answers: B

8: Which of the following attack types should be mitigated in the data center core layer?

- A.port scans
- B.IP spoofing
- C.DDoS attacks
- D.MAC address spoofing

Correct Answers: C

9: Which statement is correct about the Cisco Catalyst 4948 Switch?

- A.is nonblocking
- B.performs only Layer 2 switching
- C.has up to 48-Gbps wire-speed performance
- D.balances lower cost with lower-performance access layer switching

Correct Answers: A

10: Which statement describes an IDS module operating in inline rather than promiscuous mode?

- A.lower latency
- B.higher latency
- C.lower throughput
- D.higher throughput
- E.higher latency and lower throughput
- F.lower latency and higher throughput

Correct Answers: B