

Exam Code: 642-353

Exam Name: Cisco Storage Networking Design
Specialist(CSNDS)

Vendor: CISCO

Version: DEMO

Part: A

1: In a core-edge SAN implementation, which statement is true about oversubscription?

- A. When using full-rate mode ports, there is no oversubscription in a core-edge implementation.
- B. A core-edge design has manageable oversubscription, but at the cost of used ISL ports.
- C. Oversubscription in a core-edge design is implemented by using N_Ports.
- D. When using a core-edge design, there is only oversubscription when it is implemented in a heterogeneous environment.

Correct Answers: B

2: A customer has 12 hosts, each capable of a maximum burst I/O rate of 75 MBps. The customer wants to connect these hosts to the fabric with a 32-port line card. For optimal performance what is the maximum number of hosts that should be connected to any four-port, host-optimized quad?

- A. one
- B. two
- C. three
- D. four

Correct Answers: C

3: What are three reasons to implement VSANs in a Fibre Channel SAN? (Choose three.)

- A. to reduce network infrastructure requirements
- B. to increase data security
- C. to enable port-channeling
- D. to enable TCP/IP routing
- E. to share SAN extension capability using EISLs

Correct Answers: A B E

4: What feature of the MDS 9000 family would be most valuable in establishing a baseline of the traffic load on an existing network prior to making changes?

- A. SPAN
- B. RSPAN
- C. FC-SP
- D. Performance Manager
- E. AAA

Correct Answers: D

5: What occurs in auto FCID allocation mode in the Cisco MDS 9000 Series?

- A. In all cases FCIDs are manually configured.
- B. All HBAs are assigned FCIDs with a whole area (port bits set to 0).
- C. All HBAs are assigned FCIDs with a whole port (area bits set to 0).
- D. Because the MDS 9000 Series Switches are newer, all HBAs are assigned FCIDs with both area and port bits.
- E. Only HBAs without interoperability issues are assigned FCIDs with both area and port bits.

Correct Answers: E

6: Drop

Drag the attributes on the left to the most appropriate SAN topology on the right.

Low Management Costs	Core-Edge
Scale non-disruptively	Multitier
Easy to visualize and troubleshoot	Collapsed-Core

Correct Answers:

Drag the attributes on the left to the most appropriate SAN topology on the right.

Low Management Costs	Scale non-disruptively
Scale non-disruptively	Easy to visualize and troubleshoot
Easy to visualize and troubleshoot	Low Management Costs

7: A customer SAN design requires the use of existing non-Cisco storage switches in a core edge topology. What must be considered when attaching an MDS 9000 switch as the core device in this network?

- A. Trunking is not supported between the core and edge switches.
- B. Zoning cannot be used since the domain IDs are in different ranges.
- C. FSPF cannot be used between the core and edge switches.
- D. If VSANs are implemented in the core, IVR cannot be used.

Correct Answers: A

8: Which statement best defines storage consolidation?

- A. making an enterprise's total disk space highly available to the entire enterprise, often by placing it in a SAN
- B. making an enterprise's disk space, servers, and tape libraries highly available to the entire enterprise, often by placing them in a SAN
- C. making an enterprise's total storage networking less costly by using iSCSI
- D. making an enterprise's total disk space highly available by transferring copies of an enterprise's total storage space to an offsite location
- E. making an enterprise's total disk space highly available by connecting all of an enterprise's storage devices to one (or two) large servers

Correct Answers: B

9: A customer has four data centers within corporate headquarters. The company owns its own fiber infrastructure and has laid dark fiber in between each of the four data centers. Each of the data centers has a storage area network that includes application servers, disk arrays, and tape devices. Servers from each of the buildings require access to storage devices in different buildings. The administrator would like to design a highly resilient topology that allows for a single hop from server to storage across data centers.

Which SAN topology between the data centers would best fit this requirement?

- A.core-edge
- B.collapsed core
- C.partial mesh
- D.full mesh

Correct Answers: D

10: Which statement is true concerning the Cisco MDS switch when operating in native interop mode?

- A.The MDS switch can interoperate with Non-MDS switches that are certified by SNIA.
- B.The MDS switch can interoperate with Non-MDS switches that support "MDS Native" mode.
- C.The MDS switch can interoperate with Non-MDS switches that properly adhere to Fibre Channel switch standards.
- D.The MDS switch cannot interoperate with Non-MDS switches.

Correct Answers: C