Exam Code: 642-351

Exam Name: Storage Networking Cisco Storage Networking Design Specialist (CSNDS)

Vendor: CISCO

Version: DEMO

Part: A

1: What requirement suggests the use of NAS versus a SAN solution?
A.primarily record level access
B.primarily block level access
C.primarily transaction level access
D.primarily file level access
Correct Answers: D

2: A large credit card processing firm is adding a second data center to support business continuance. What is the recommended solution for extending the SAN to the second data center if both data centers are active?
A.asynchronous replication using FCIP
B.dual homed servers, and IP connectivity using multiple paths
C.iSCSI installation and a bridge the Ethernet network to the Fibre Channel fabric
D.synchronous replication using DWDM
Correct Answers: D

3: A customer has two buildings connected by a single pair of single-mode fiber. The customer requires eight 2Gbps fibre channel connections between the buildings. What is the most cost effective solution?
A.Install 14 strands of single-mode fiber between the buildings.
B.Install a Cisco CWDM OADM in each building.
C.Install a Cisco ONS15454 and use DWDM in each building.
D.Implement eight VSANs and use the existing fiber.
E.Install a wireless bridge between the buildings.
Correct Answers: B

4: What is the benefit of using FCC in a Cisco storage network?
A.allows interoperability with other vendor features in a SAN fabric
B.provides congestion control in a storage array by efficiently managing buffers
C.allows traffic to be switched between VSANs at a higher rate of speed
D.can be used to manage congestion in a multi-hop environment
Correct Answers: D

5: 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

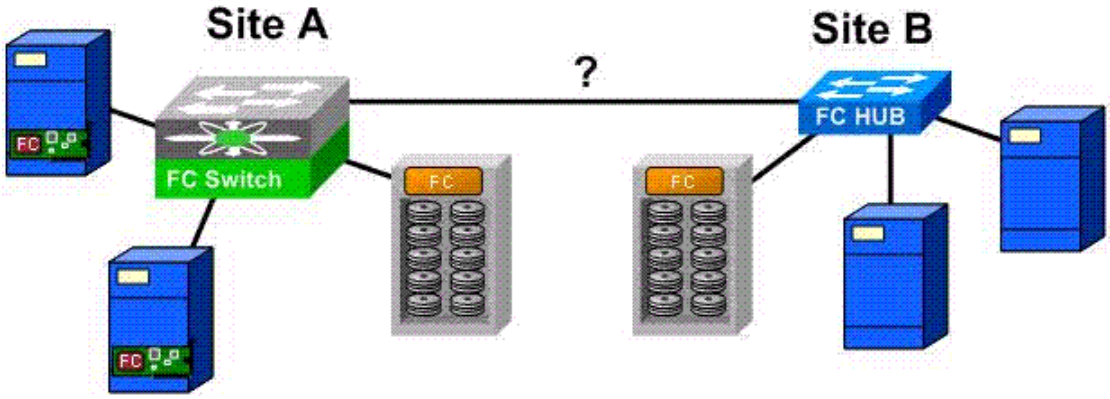
6: What are two characteristics of a mesh SAN topology? (Choose two.)

A.compensates for lower-density switches
B.increases overall port count of fabric while minimizing use of ISLs
C.limited scalability
D.fewer switches to manage
E.quicker convergence after a failure
Correct Answers: A C

7: What are three key benefits of implementing a SAN using iSCSI? (Choose three.)
A.uses existing IP networking, monitoring, and management infrastructure
B.is more efficient than FC since it requires fewer encapsulations
C.maintains consistent performance over IP networks of varying distances
D.significant capital cost reduction by substituting iSCSI as a transport technology
E.extends existing FC SAN to IP connected hosts
Correct Answers: A D E

8: What technology minimizes the potential for service interruption on SAN extension links?
A.FCIP
B.VRRP
C.VSANs and IVR
D.Port Channeling
Correct Answers: D

9: Refer to the exhibit. What protocol should be used to connect the storage networks at the two sites?



A.FCIP
B.FC
C.iSCSI
D.TCP/IP
Correct Answers: B

10: What is considered the optimal topology for deployment of Fibre Channel SANs using Cisco MDS family products? (Choose two.)

A.mesh
B.ring
C.core-edge
D.collapsed core
E.core-edge with VSAN
Correct Answers: D E