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Vendor:EMC

Exam Code: E20-855

Exam Name:Networked Storage-SAN Expert for Implementation Engineers

Version:Demo

QUESTION 1

You are creating an FCIP configuration. The Fibre Channel Routing has been enabled on each Multi-protocol Router and verified as working. Now the FCIP link between the two Routers can be brought up. What are the four [4] steps to do this?

- A. Identify the ports to be used
- B. Disable and enable the switch
- C. Save and enable the configuration
- D. Set up and enable FCIP connectivity
- E. Toggle ports from FC to Gigabit Ethernet
- F. Set up and test Gigabit Ethernet connectivity

Correct Answer: ADEF

QUESTION 2

A customer has implemented a secure fabric on a B-series SAN. They can no longer telnet to the switch. How would you resolve this?

- A. Use RSH
- B. Use sectelnet
- C. Change admin access role to support telnet
- D. Add the admin account to the secure database

Correct Answer: B

QUESTION 3

Your customer recently added a Celerra to their environment and implemented iSCSI on Windows 2003 servers. They created the IQN name for the Windows servers via a script and the name looked as follows: iqn.2003-04.com.emc.HostA.0083 The servers cannot see the iSCSI LUNs. What is the reason for this?

- A. The network portal is not reachable
- B. Celerra converts upper case into lower case and Windows does not
- C. Customer download and installed the latest iSCSI driver from Microsoft\\'s website
- D. Customer download and installed the latest iSCSI driver from the HBA vendor\\'s website

Correct Answer: B

QUESTION 4

The customer is implementing a full-mesh fabric with four 9506 MDS Connectrix Directors. Each director in the mesh will be connected with dual connection port channels to a neighboring switch, giving the fabric a cost of 250 between each director. The hosts in the environment must pass through two directors to access storage, with an aggregate link cost from the host to the storage of 500. What happens in this environment if a link fails in a port-channel group?

A. FSPF is not recalculated, it keeps the same cost

B. The OX-DEST-EXCH routing will not allow for a link down event and the fabric will become segmented

C. The cost changes to 500 between switches, the packets take alternate paths while the link either comes online or is marked failed

D. The SRC-DEST-EXCH routing will allow for a link down event and for fabric reconfiguration to propagate to the nearest peer in the fabric

Correct Answer: A

QUESTION 5

A core/edge B-series fabric was successfully implemented at a customer site. Two weeks later the customer tried to add new zones from the edge switch. They could not successfully add the zones. Which feature would force all operations to be made from the principal switch?

A. Core PID

- **B. Secure FabricOS**
- C. Core Zone Blocking
- D. Management Access Controls

Correct Answer: B

QUESTION 6

The customer wants to consolidate their current SAN consisting of four fully populated ED-64M2s, two DS32M2 switches and two DS-32B2 switches. Current total throughput on the fabric is 614Gb/s. Anticipated growth is 50% increase in throughput over the next two years. The customer wants ED- 140M2. How many ED-140M2\\'s are required considering the future growth?

A. 2

- B. 4
- C. 6
- D. 8

Correct Answer: B

QUESTION 7

Your customer is implementing a META SAN in a B-series AP-7420B environment. They want to connect a host from fabric A with storage in fabric B. The host is connected to port 14 on the switch with Domain ID

2. The storage port is on port 7 on a switch with Domain ID 4. The customer created in both of the fabrics the zones with the following command: zonecreate "Isan_hostA_storageB", "2, 14" and zoneadd "Isan_hostA_storageB", "4, 7". After enabling the config the customer cannot see the storage. What went wrong?

A. InterVSAN Routing was not enabled

- B. Used the wrong ports for the zoning
- C. VSAN parameters are not configured correctly
- D. Port and Domain IDs are not valid for LSAN zoning

Correct Answer: D

QUESTION 8

A customer has merged four DS-32M2s to form a full mesh fabric which includes 20 dual-pathed hosts and eight storage ports. Two ISLs are configured between each switch. The ISLs are currently 80% utilized. The customer will be adding 10 dual-pathed Windows 2k3 Servers in the next two weeks. What is recommended to prevent performance problems on the SAN?

- A. Reconfigure the fabric for low locality
- B. Reconfigure the fabric for high locality
- C. Add four additional ISLs for the new hosts
- D. Add two additional ISLs between the switches

Correct Answer: B

QUESTION 9

There are five FA ports allocated to a new SAN. Each server added to the SAN is estimated at approximately 1000 IOPS. Average I/O size is 8KB/s. Each FA port can support 5000 IOPS. The write ratio is low. The customer does not want to exceed 80% utilization of the FA ports. How many servers can be supported based on the allocated SAN resources?

A. 16

- B. 18
- C. 20
- D. 24

Correct Answer: C

QUESTION 10

Customer has implemented HP-UX Campus Cluster using dual-lock disks. They have experienced "split brain" syndrome in the past. What is a permanent fix for this problem?

- A. Unlock cluster lock disks
- B. Implement a single lock disk
- C. Add one more node to both sides of the cluster
- D. Implement multiple network and heartbeat configurations for each node in the cluster

Correct Answer: D

QUESTION 11

Your customer has three fabric islands. One fabric island has three ED-1032s. Two other fabric islands have two DS16B2s in each. The customer wants to migrate to two fabrics built of two MDS 9509s in each fabric. Several SUN Solaris servers must be migrated on-line to the new fabrics. What are two [2] steps required to perform this migration?

- A. Disable one path to the fabric
- B. Apply the zoning to the new switch
- C. Reactivate the disabled path on the new fabric with PowerPath commands and set the speed to 1GB
- D. Reactivate the disabled path on the new fabric with PowerPath commands and set the speed to 2GB

Correct Answer: AC

QUESTION 12

Your customer is reconfiguring the SAN. They are using an MDS switch in fabric A and a B-series switch in fabric B. They need to share resources across the fabrics. On the weekend a merge of the fabrics was done. Now they can not connect from fabric A to fabric B. Unique Domain IDs exist. E_D_TOV and R_A_TOV are equal and Interop mode is set on both fabrics. What must you do to make the two fabrics merge?

- A. Setup WAN_TOV value
- B. Setup Inter VSAN Routing
- C. Run msPIMgmtDeactivate on the MDS switch
- D. Run msPIMgmtDeactivate on the B-series switch

Correct Answer: D

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