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## Q&A

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**Exam** : **HP0-841**

**Title** : Designing and Implementing  
HP SAN Solutions

**Version** : DEMO

**1.What are the three types of fabric zoning on B-series switches? (Choose three.)**

- A.static zoning
- B.software zoning
- C.hardware zoning
- D.mixmode zoning
- E.QuickLoop zoning

**Correct:B C D**

**2.In a single fabric, when multiple paths exist between a host and its storage, which statement is true?**

- A.The result could be an unstable fabric.
- B.Load sharing is automatically set to static.
- C.The FSPF protocol determines best route.
- D.The path used is determined by port priority.

**Correct:C**

**3.What is the correct statement about zoning in an interoperable fabric?**

- A.WWPN zoning is the only allowed method.
- B.A mixture of domain ID, port number and WWPN zoning is allowed.
- C.Domain ID and port number zoning are the only allowed methods.
- D.Zoning is not allowed. The only way to segment a fabric is using the VSAN technology of C-Series switches.

**Correct:A**

**4.What is the maximum distance per cable segment using 9/125 micron single-mode cable and long wavelength 2 Gb SFPs?**

- A.1 km
- B.5 km
- C.10 km
- D.35 km
- E.100 km

**Correct:C**

**5.What is the internal M-series switch latency of a HP Fibre Channel switch?**

- A.between 1us and 2us maximum
- B.3us
- C.5us
- D.33us
- E.650us

**Correct:A**

**6.Three LUNs, sda, sdb and sdc, are connected to a Linux server. You shutdown the server and physically remove sdb. What happens after the server reboots?**

- A.The LUNs sda and sdc are accessible, LUN sdb is not listed in the device scan.
- B.The LUN sda is accessible, LUN sdc is now sdb and accessible using this name.
- C.The LUNs sda and sdc are accessible, LUN sdb is listed as offline in the device scan.
- D.The LUNs sda and sdc are accessible, LUN sdb is renamed into sdbv simulating a virtual device.

**Correct:B**

**7.What is a Fibre Channel fabric?**

- A.one or more switches connected together, sharing the same name and routing table
- B.two or more switches connected together, sharing the same name and routing table
- C.one or more switches connected together, each having its own independent name and routing table
- D.two or more switches connected together, each having its own independent name and routing table

**Correct:A**

**8.Which three infrastructure components are supported from multiple vendors in an HP Open heterogenous SAN? (Choose three.)**

- A.hubs
- B.switches
- C.ATM gateways
- D.storage systems
- E.operating systems

**Correct:B D E**

**9.Which three operating systems are supported in an HP heterogeneous SAN? (Choose three.)**

- A.HP NSK
- B.IBM AIX
- C.IBM OS400
- D.Tru64 UNIX
- E.Microsoft Windows 2003 Server

**Correct:B D E**

**10.Which software module of HP OpenView Storage Area Manager (SAM) can you use to control the access of a managed host to a managed storage device?**

- A.Storage Builder
- B.Storage Allocator
- C.Storage Accountant
- D.Storage Node Manager

**Correct:B**

**11.Which HP SAN Management tool is a highly scalable, Java-based application that manages multiple B-Series switches and fabrics in real-time?**

- A.HP StorageWorks Fabric Manager
- B.Management Appliance Software v2.1
- C.HP OpenView Storage Node Manager
- D.HP StorageWorks High Availability Fabric Manager (HAFM)
- E.HP OpenView Storage Management Appliance III and HP OpenView Storage Management Appliance software v2.1

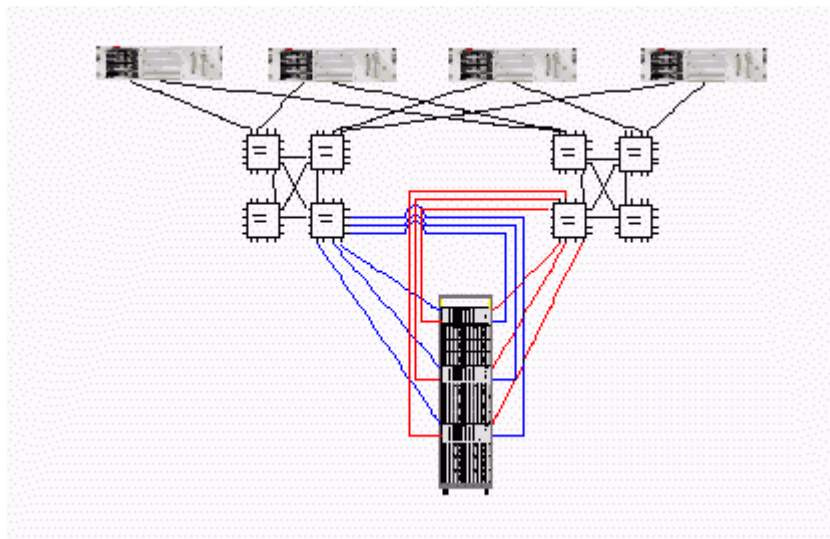
**Correct:A**

**12.In Web Tools, which is a valid switch state?**

- A.down
- B.marginal
- C.segmented
- D.reconfiguring

**Correct:A**

**13.In the SAN configuration, assume a goal of redundancy for everything. How many Storage Management Appliances are needed?**



- A.1
- B.2
- C.4
- D.6

**Correct:B**

**14.What are HP SAN management strategies? (Choose two.)**

- A.automated policy based management
- B.policy based backup using the storage management appliance
- C.automatic performance optimization using sophisticated high performance management agents
- D.storage virtualization using in-band management functionality of the storage management appliance
- E.simplified, centralized storage management using standardized web based GUIs residing on a storage management appliance

**Correct:A E**

**15.What characteristic has the greatest impact on disk performance?**

- A.bus type
- B.drive latency
- C.I/O transfer size
- D.upgrade from a 1Gb/s HBA to a 2Gb/s HBA

**Correct:B**

**16.What is throughput?**

- A.the number of requests processed per second
- B.the number of I/O requests satisfied per unit of time
- C.the amount of time a device needs to process a request
- D.the time a device takes to process a request from issuance to completion

**Correct:B**

**17.What can you do to minimize communication delays between a host and its storage subsystem?**

- A.cross couple multiple ISLs
- B.ensure there is at least one switch hop
- C.connect the two devices to the same switch
- D.configure a maximum of four active host ports per ISL

**Correct:C**

**18.A company is running an application that is READ intensive. They are more concerned with effective READ performance than WRITE performance. They have a limited number of disks so they need to minimize RAID overhead. What type of RAID should they use?**

- A.RAID 0
- B.RAID 1
- C.RAID 1+0
- D.RAID 5

**Correct:D**

**19.Which statement applies to trunking on B-Series switches?**

- A.Oversubscription is impossible with trunking.
- B.If one ISL of a trunk fails, the whole trunk fails.
- C.Trunking increases the availability because an I/O is not interrupted, even if the master ISL of a trunk fails.
- D.Trunking is more effecient than individual ISLs because it is less probable that congestion will be experienced.

**Correct:D**

**20.The sum of the wait time (in queues) and the service time is \_\_\_\_\_.**

- A.data rate
- B.request rate
- C.response time
- D.utilization time

**Correct:C**