

HP

Exam HP0-J65

Designing HP SAN Networking Solutions

Version: 7.0

[Total Questions: 351]

Topic 1, Volume A**Question No : 1 - (Topic 1)**

To install additional switches, you must determine the ideal ISL ratio. Which ISL ratio range is recommended for less I/O intensive application requirements (less than 70 MB/s at 2 Gb/s, less than 140 MB/s at 4 Gb/s, less than 280 MB/s at 8 Gb/s)?

- A. 3:1 to 1:1
- B. 1:1 to 3:1
- C. 15:1 to 7:1
- D. 7:1 to 15:1

Answer: D

Explanation:

Recommended core-edge fabric ISL ratios

I/O workload Recommended ratios

Higher I/O data intensive application requirements (greater than 70 MB/s at 1:1 to 3:1 2 Gb /s, greater than 140 MB/s at 4 Gb /s, greater than 280 MB/s at 8 Gb /s) Lower I/O data intensive application requirements (<70MB/s at 2 Gb / s, <140 7:1 to 15:1)

Question No : 2 - (Topic 1)

Which Fibre Channel timing variables must match in an interoperable fabric?

- A. Timing variables do not need to match.
- B. R_A_TOV, E_D_TOV and B_B_TOV
- C. R_A_TOV and E_D_TOV
- D. R_A_TOV and B_B_TOV

Answer: C

Question No : 3 - (Topic 1)

You are preparing an installation plan for implementing a new SAN design and want to ensure all customer needs are included. Which data collection method requires that you

create a process list and review all relevant stakeholders?

- A. Card Arrangement
- B. Information Extraction
- C. Brainstorming
- D. Process Mapping

Answer: B

Question No : 4 - (Topic 1)

Which information should be included in the topology map documentation of a SAN design provided to your support organization? (Select two.)

- A. serial numbers of connected servers
- B. SAN switch zoning configurations
- C. storage controller operating mode parameters
- D. IP addresses of the connected servers
- E. World Wide Names of all nodes and devices

Answer: B,E

Question No : 5 - (Topic 1)

You are implementing a SAN infrastructure including an HP StorageWorks EVA4400 at Your customer site. The customer is interested in using three-site cascaded replication functionality. What should you recommend to accomplish this? (Select two)

- A. HP StorageWorks FlexCopy
- B. HP Continuous Access EVA
- C. additional disks in the EVA
- D. HP Virtual Replicator
- E. HP Business Copy EVA

Answer: B,E

Question No : 6 - (Topic 1)

Which HP tool provides the ability to create a Microsoft Visio diagram of a SAN topology for your customer documentation?

- A. SAN Health
- B. SAN Designer
- C. SAN Visibility
- D. SAN Navigator

Answer: C

Question No : 7 - (Topic 1)

A single Fibre Channel router is implemented in an existing SAN. What can be accomplished?

- A. fabric management service
- B. fabric interconnection without merge
- C. SAN availability improvement
- D. SAN extension across long distances

Answer: B

Question No : 8 - (Topic 1)

Which features can affect performance in a SAN? (Select three.)

- A. cable modes
- B. number of ISLs
- C. type of LC connector
- D. storage array configuration
- E. type and capacity of disks used
- F. storage access restrictions

Answer: B,D,E

Question No : 9 - (Topic 1)

What has the most influence on the response time of a hard disk drive?

- A. arbitration
- B. host request
- C. rotational delay
- D. seek time

Answer: C

Question No : 10 - (Topic 1)

You are preparing for a homogeneous fabric merge and notice the customer set the same domain ID for all fabrics. What will happen if this is not corrected?

- A. Enabled zone configurations are immediately disabled.
- B. Domain IDs remain unchanged and the fabrics become segmented.
- C. Domain IDs are automatically renumbered and the fabrics merge, but port zoning is affected.
- D. Domain IDs are automatically renumbered and the fabrics merge without any side effect.

Answer: B

Question No : 11 - (Topic 1)

Which method should you use to quickly and easily document a new customer SAN configuration?

- A. Follow all cabling from port to port, write down source and target of the cables, label the cables, and record the labels.
- B. Collect the customer's configuration data using SANVisibility, upload the data and verify the report as soon as you get the documents.
- C. Install HP SIM and HP Storage Essentials SRM in 60-day trial mode on a new Windows Central Management Server and collect the site information to evaluate the result with Report Designer
- D. Use Finisar Fibre Channel Sniffer to determine source, destination, quality and performance of the Fibre Channel configuration.

Answer: B

Question No : 12 - (Topic 1)

Which tasks are performed in the background by a storage system if write-back caching is enabled? (Select two.)

- A. Rotate
- B. Cache data
- C. CPU processing
- D. Acknowledge to Write
- E. Seek

Answer: A,E

Question No : 13 - (Topic 1)

Which HP offering most effectively provides customers with SAN management knowledge and skills?

- A. free downloadable documentation
- B. web-based and instructor-led training
- C. on-site technical HP support engineers
- D. proactive and reactive support

Answer: B

Question No : 14 - (Topic 1)

Which activity should be done last during the fulfillment of an HP Installation and Startup Service?

- A. infrastructure functionality test
- B. customer orientation session
- C. documentation preparation
- D. Call Home Software (ISEE) installation

Answer: B

Question No : 15 - (Topic 1)

What are the best SAN topologies for a one-to-one local data locality? (Select two.)

- A. meshed fabric
- B. ring fabric
- C. fat tree backbone fabric
- D. cascaded fabric
- E. skinny tree backbone fabric

Answer: B,D

Question No : 16 - (Topic 1)

Which SAN component integrates the quality and features of HP SAN hardware devices to simplify the storage network complexity?

- A. high speed cabling
- B. open standard protocols
- C. industry standard host bus adapters
- D. SAN management software

Answer: D

Question No : 17 - (Topic 1)

Which HP StorageWorks software utility can be used to analyze. Your customer's current SAN environment and produce an accurate topology diagram?

- A. SAN Visibility tool
- B. SAN Designer tool
- C. SAN Analysis tool
- D. SAN Sizing tool

Answer: A

Question No : 18 - (Topic 1)

What is the maximum distance between 8 Gb/s switches using nominal bandwidth (OM2)

multimode fiber optic cables?

- A. 50 meters
- B. 150 meters
- C. 380 meters
- D. 500 meters

Answer: A

Question No : 19 - (Topic 1)

How many ports are supported on an 8/20q Fibre Channel switch with the Simple SAN Connection Kit?

- A. 8 ports to 20 ports, in 4-port increments
- B. 12 ports to 20 ports, in 4-port increments
- C. 16 ports to 20 ports, in 2-port increments
- D. 16 ports to 20 ports, in 4-port increments

Answer: A

Explanation:

Table 12 8/20q Fibre Channel Switch fabric rules

Description

Rule

nl number

Supports up to 6 switches 1 with up to 120 total ports and 98 user ports in a fabric 2

Supports a maximum of 3 switch hops (4 switches) between any 2 communicating devices

3 Supports from 16 ports to 20 ports, in 4-port increments 4 As part of the 8 Gb Simple SAN Connection Kit, supports from 8 ports to 20 ports, in 4-port increments.

Question No : 20 - (Topic 1)

Which SAN design element reduces total cost of ownership?

- A. upgrade capability
- B. increased performance

- C. replicated data
- D. centralized backup

Answer: D

Question No : 21 - (Topic 1)

Which SAN design element requires the development of a timeline?

- A. Documentation
- B. Solution Design
- C. Deployment
- D. Information Gathering

Answer: C

Question No : 22 - (Topic 1)

What should you do to give multiple servers exclusive access to units on a storage subsystem in a SAN?

- A. Zone the fabric.
- B. Set the operating system type on the connections.
- C. Set up LUN masking on each unit to the appropriate host(s).
- D. Set unit offsets on each connection.

Answer: C

Question No : 23 - (Topic 1)

Which HP Service tool performs an operating system binary event log analysis?

- A. ISEE
- B. WEBES
- C. RISS
- D. OSEM

Answer: B

Question No : 24 - (Topic 1)

Which HP StorageWorks C-Series SAN switch service allows incompatible devices to operate on the same switch with separate instances of fabric services?

- A. virtual fabric
- B. virtual output queuing
- C. virtual storage area network
- D. N_Port_ID virtualization

Answer: C

Question No : 25 - (Topic 1)

Your customer is concerned about business continuity. Which SAN design elements should you highlight to demonstrate that the concern has been addressed? (Select two.)

- A. NSPOF
- B. fast backups
- C. storage virtualization
- D. centralized management
- E. failover software

Answer: A,E

Question No : 26 - (Topic 1)

Which documents are helpful when you associate a WWN with a physical port of a SAN device for troubleshooting purposes? (Select two.)

- A. cabling layout
- B. zoning map
- C. configuration layout
- D. topology map
- E. naming convention