



HP0-815^{Q&As}

Advanced SAN Architecture

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**QUESTION 1**

What is a design property of the Core+Edge+Leaf SAN topology?

- A. It allows many devices to share a single ISL.
- B. It allows many hosts to share a single storage port.
- C. It can start at one switch and grow almost without limit.
- D. It involves simplex I/O, meaning only one path is utilized for I/O.

Correct Answer: C

QUESTION 2

In IP networks, which two best practices should site planning include? (Choose two.)

- A. use only one controller pair per FCIP link to avoid link congestion
- B. minimize the amount data transferred over the FCIP link(s)
- C. create a design that will accommodate additional storage I/O without impacting normal data traffic
- D. merge the FCIP network with your corporate network for better management

Correct Answer: BC

QUESTION 3

What are four requirements for implementing the Brocade Secure Fabric OS with the B-Series (Brocade) of switches? (Choose four.)

- A. secure SES client communication
- B. digital certificates
- C. firmware, zoning, and security licenses
- D. at least one core switch 2/64
- E. Fabric Management Policy Sets
- F. secure Telnet client communication
- G. dedicated security server

Correct Answer: BCEF

**QUESTION 4**

Which SAN implementation provides high availability but in the event of a failure may experience reduced bandwidth?

- A. using a single fully meshed, multi-trunked fabric topology
- B. using dual fabrics implemented with multiple storage paths
- C. using a minimum of two SMAs for SAN management with Command View
- D. using dual storage paths to the same switch in transparent failover mode

Correct Answer: B

QUESTION 5

A SAN architect must design a SAN-based Enterprise Backup Solution (EBS) using a tape library with Ultrium II tape drives. What is the minimum tape drive data read rate with 1:1 compression necessary to keep the drive streaming?

- A. > or = 10 MB/s
- B. > or = 15 MB/s
- C. > or = 30 MB/s
- D. > or = 20 MB/s
- E. > or = 25 MB/s

Correct Answer: A

QUESTION 6

What is Wavelength Division Multiplexing (WDM)?

- A. multiple wavelengths used to allow multiple simultaneous connections on a single fiber optic cable
- B. multiple wavelengths using Frequency Modulation on a single fiber optic cable
- C. multiple wavelengths using Time-Division Multiplexing on a single fiber optic cable
- D. multiple wavelengths using Amplitude Modulation on a single fiber optic cable

Correct Answer: A

QUESTION 7

In many cases, the growth pattern for a storage installation is difficult or impossible to predict. To accommodate this unpredictability, the SAN architect should allow for growth within a predefined design that _____.

- A. uses the ring switch topology as the initial installation



- B. is a subset of the mesh for a smaller configuration
- C. uses the cascaded switch topology as the initial installation
- D. uses the initial installation as a subset of a larger pre-designed configuration

Correct Answer: D

QUESTION 8

What can be done to guarantee bandwidth when connecting SANs using IP? (Choose two.)

- A. create VPNs with Quality of Service (QoS) for FCIP
- B. create firewalls to isolate traffic
- C. create separate physical IP networks
- D. create virtual SANs to isolate FCIP traffic on the fabric

Correct Answer: AC

QUESTION 9

What is the result of merging a zoned fabric with a non-zoned fabric?

- A. Devices that were in the non-zoned fabric are not accessible until they are added into the current enabled configuration.
- B. Devices in the fabric are not accessible until the devices in the non-zoned fabric are zoned and made part of the effective configuration.
- C. Any devices that were in the non-zoned fabric are automatically configured into a new zone as part of the effective configuration so they can function.
- D. The fabrics do not merge. They segment and require manual intervention.

Correct Answer: A

QUESTION 10

Click the Task button. Place the four phases of a SAN deployment in order.

Select and Place:



Place the four phases of a SAN deployment in order.

Order	Phases in order	Phases
1	(place step one here)	Validation
2	(place step two here)	Staging
3	(place step three here)	Maintenance
4	(place step four here)	Planning

Correct Answer:

Place the four phases of a SAN deployment in order.

Order	Phases in order	Phases
1	Planning	
2	Staging	
3	Validation	
4	Maintenance	

QUESTION 11

What three factors should be considered when migrating a SAN from a ring topology to a core-edge topology. (Choose three.)

- A. security
- B. port count
- C. cross-sectional bandwidth
- D. zoning
- E. traffic patterns

Correct Answer: BCE

**QUESTION 12**

What does SAN performance management monitor and analyze?

- A. SNMP traffic
- B. SAN traffic patterns
- C. RSCN traffic patterns
- D. SAN name server traffic

Correct Answer: B

QUESTION 13

What virtualization model is used in the Continuous Access Storage Appliance (CASA)?

- A. asymmetrical pooling or also called out-band virtualization
- B. out-band management of symmetrical virtual objects
- C. either symmetrical or asymmetrical selected at the initial configuration
- D. symmetrical pooling or also called in-band virtualization

Correct Answer: D

QUESTION 14

Which statement is true about storage virtualization using Continuous Access Storage Appliance (CASA) in a SAN?

- A. It provides a layer of abstraction of storage at the block level.
- B. It provides seamless integration of block level data objects.
- C. It is a methodology used to increase employee productivity and to avoid unexpected overtime.
- D. It allows an integrated, metadata description of a transparent storage box.

Correct Answer: A

QUESTION 15

A customer has an application that is considered mission critical. In the event of a disaster, they want a replication solution that will guarantee that the replicated data is identical to the source without any data loss. Which solution accomplishes this?

- A. synchronous replication



- B. bidirectional replication
- C. asynchronous replication
- D. fan-out replication

Correct Answer: A

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