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Exam : 000-204

Title : Storage Networking Solutions Version 3

Version : DEMO

1. Which IBM N series licensed feature enables a writable replica of the flexible volume?

A. FlexCache

B. FlexClone

C. SnapMirror

D. Snapshot

Answer: B

2. A customer has five divisions in a single data center. They want a separate fabric for each of these divisions. They also want all tape devices to be corporate resources that are shared across the SAN fabrics. Each of these fabrics must have the ability to expand and support up to 239 domains. The customer wants a cost-effective solution that minimizes the number of major physical SAN components, such as switches and directors. Which solution meets these requirements?

A. five IBM SAN256B directors and an IBM SAN16B-2 switch interconnected by an IBM SAN16B-R router

B. five IBM SAN256M directors and an IBM SAN24M-1 switch interconnected by an IBM SAN16M-R router

C. one Cisco MDS 9509 director with the VSAN feature

D. one IBM SAN M14 director and an IBM SAN16B-2 switch interconnected by an IBM SAN16M-R router
Answer: C

3. A customer has a Microsoft Windows 2003 server that is attached to a SAN fabric via redundant Fibre Channel HBAs to an IBM DS4700. The server needs to attach to an IBM DS8300 through the same fabric. RDAC is currently being used on the server. Redundancy is the highest priority for each connection. How many Fibre Channel HBAs are required in the server to maintain redundancy for each disk subsystem connection?

A. 2; both drivers can run simultaneously on the same adapter

B. 2; one adapter running RDAC and one adapter running SDD

C. 3; SDD runs on one adapter, RDAC runs on one adapter, and both are loaded onto the third for failover

D. 4; two adapters for RDAC and two adapters for SDD

Answer: D

4. What is the maximum number of LUNs that are supported with the IBM System Storage N3600?

A. 1024

B. 512 C. 256

D. 2048

Answer:A

5. A customer has LAN-based applications and wants Block I/O level access to SAN storage. The customer does not want to pay the expense required for Fibre Channel HBAs, but would like to utilize its LAN. Which protocol allows the customer to do this?

A. FCIP

B. iFCP

C. iSCSI

D. FCP

Answer: C

6. What is the maximum number of allowed paths between an N series gateway and a switch when the gateways are deployed with DS4000 storage subsystems?

A. 1

B. 2

C. 4

D. 6

Answer: B

7. A customer plans to install several new N series systems in its SAN using the iSCSI and FCP protocols. Which solution meets this customer's requirements?

A. IBM TotalStorage SAN32B-3 (2005-B5K)

B. IBM TotalStorage SAN32M-2 (2026-432)

C. Cisco MDS 9506 (2054-E04)

D. Cisco MDS 9124 (2053-424)

Answer: C

8. What creates a secure FC Fabric?

A. encapsulated block I/O using anti-virus products to secure the flow of data across the Internet and intranets, independent of network protocol and transport

B. network logging and filtering, and a network analytic server for analysis of repetitive signatures that might represent an intrusion trend

C. analog certificates and fingerprint signatures, multi-layer password protection, a password database, PKG-based authentication, and 128-bit encryption used for digital signatures

D. digital certificates and signatures, multi-layer password protection, strong password encryption, PKI-based authentication, and 128-bit encryption used for digital signatures

Answer: D

9. A customer has an N series that is used exclusively by UNIX clients with NFS mounts. The customer wants to add a second remote site with another N series to its campus and wants to reduce network traffic between the sites. Which N series feature will accomplish this?

A. FlexShare

B. FlexClone

C. FlexCache

D. FlexVol

Answer: C

10. A customer has two sites located less than 10 kilometers apart. The customer has a SAN at each location and wants to merge both fabrics. There is dark fibre and a T3 dataline between the sites. The customer wants to utilize storage resources at each site for peer-to-peer copy and disaster recovery. Which solution provides the best performance?

A. PPRC

B. iFCP router

C. channel extenders

D. long-wave SFPs on ISLs

Answer: D

11. What is the minimum root volume size for an IBM N5200?

A. 8 GB

B. 10 GB C. 12 GB

D. 16 GB

Answer: C

12. A customer's SAN infrastructure consists of a Cisco MDS 9500 director. The customer recently purchased 1,000 IBM Intel blade servers. Due to scalability concerns, the new Intel blade servers were deployed in VSAN-11. The blade servers must access N5600 storage, but the IBM N5600 storage subsystem is connected in VSAN-10. What is the correct solution?

A. use VSANs, LSANs, and FCIP routing

B. use iFCP routing with an IBM SAN04M-R multi-protocol SAN router

C. merge VSAN-10 and VSAN-11 into VSAN-12 on the MDS 9500 director

D. use Inter VSAN routing between VSAN-10 and VSAN-11 on the MDS 9500 director

Answer: D

13. A customer has an N7000 series active/active configuration with 4 Gb adapters. The customer wants to set the cfmode correctly to ensure there are no service interruptions during CFO takeover and giveback. What cfmode settings can the customer select for the N7000?

A. Dual_fabric or Single_image

B. Partner or Standby

C. Standby or Single_image

D. Partner or Mixed

Answer: C

14. A customer has high performance database servers that access a DS8000 via SAN and low-end file servers that access the DS8000 via an N5500 gateway. The DS8000 storage capacity allocated to the database servers is under-utilized, while storage allocated to the gateway has reached the maximum limit. The storage demand for the low-end file servers is increasing exponentially. What is the most cost-effective solution that addresses the storage needs for the file servers?

A. purchase the SAN Volume Controller and consolidate the DS8000 and N5500 gateway

B. allocate DS8000 storage to low-end file servers via the N5500 gateway device

C. create additional FlexVols on N5500 gateway D. install additional DS3200 storage on the low-end servers

Answer: B

15. An IBM N5300 Model A20 has been configured with two EXN4000 expansion units filled with 300 GB disk drives. Using best practice for spare drives and parity drives for RAID-DP, what is the approximate effective capacity of this subsystem when NOT using Snapshot?

A. 4.2 TB

B. 4.8 TB

C. 5.9 TB

D. 6.6 TB

Answer: C

16. The customer has Windows servers and applications that use Block I/O. They do not want to implement a SAN. Which configuration would meet their requirements?

A. Microsoft iSCSI initiator and SVC

B. iSCSI HBA and SVC

C. iSCSI HBA and DS4800

D. Microsoft iSCSI initiator and N3300

Answer: D

17. A customer wants to implement new SAN32B-2 (2005-B32) switches in a high-availability environment. To ensure high-availability, what must be verified during the solution design phase?

A. the location of the switch in the data center

B. that there is ample space between physical components in the racks

C. that the two power supplies are connected to the two independent power sources

D. that the proper firmware levels are activated

Answer: C

18. A customer's site experiences a loss of connectivity directly to its N5500. Which tool provides alternate access?

A. HTTP

B. FTP

C. TELNET

D. RLM

Answer: D

19. What ensures optimal network performance using 2005-R18?

A. buffer size

B. large windows size

C. selective traffic

D. redundant path

Answer: B

20. For remote troubleshooting, what needs to be configured on an N7000 system?

A. single image mode

B. Remote LAN Module (RLM)

C. IP address of the N7000 system

D. Remote Management Server information

Answer: B

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