

**Exam Code:** 000-740

**Exam Name:** IBM Storage Networking Solutions Version1

**Vendor:** IBM

**Version:** DEMO

## **Part: A**

1: A customer wants their LAN-based applications to access their SAN storage; however, they do not want to pay the high expense required for Fibre Channel HBAs or application of a NAS gateway. Which of the following IBM System Storage products would be appropriate for this customer?

- A. IBM Switch L10 (2006-L10) Switch with Arbitrated Loop
- B. IBM SAN16B-R multi-protocol router (2109-A16) with iSCSI
- C. IBM SAN24M-1 (2026-224) Switch
- D. IBM SAN File System

**Correct Answers: B**

2: If the NVRAM in one of the nodes in a dual head filer fails, which of the following actions will the IBM N3700 take?

- A. All writes on the node with the failed NVRAM will be written through.
- B. The filer will notify the administrator to issue a CF takeover command so that activity fails over to the other node.
- C. The filer will notify the administrator to power off the failing node so that a forced takeover is done by the other node.
- D. The failing node will automatically failover to its partner filer node and serve data.

**Correct Answers: D**

3: The IBM N Series subsystems include which of the following no-charge features?

- A. SnapLock
- B. SnapMirror
- C. SnapShot
- D. SnapVault

**Correct Answers: C**

4: In the seven tiers of disaster recovery, which of the following tiers requires physical transportation of backup media?

- A. Tier 6 - Zero or little data loss
- B. Tier 5 - Transaction integrity
- C. Tier 4 - Point-in-time copies
- D. Tier 2 - Data backup with an off-site facility

**Correct Answers: D**

5: What is a key characteristic of the IBM N Series Write Anywhere File Layout that differentiates it from other file systems and allows a filer to reboot in a short time period when an unclean shutdown is performed?

- A. WAFL caches the journal of unexecuted file system requests in NVRAM.
- B. WAFL stores metadata in three files - the inode file, the block-map file, and the inode-map file.
- C. WAFL has a two phase commit on journaling.
- D. WAFL creates a consistency point using a special Snapshot.

**Correct Answers: D**

6: Which of the following IBM N Series licensed functions enables a writable replica of data volumes and data sets?

- A.FlexCache
- B.FlexClone
- C.SnapMirror
- D.SnapShot

**Correct Answers: B**

7: Which of the following IBM Tivoli Storage Manager (TSM) products has functionality that would enable a customer to backup an existing SAN in some other way than across a LAN?

- A.TSM for Storage Area Networks
- B.TSM for Hardware
- C.TSM Extended Edition
- D.TSM for System Backup and Recovery

**Correct Answers: A**

8: A customer has an IBM SAN16B-R (2109-A16) Multiprotocol Router. They have a server in fabric A, and a storage device in fabric B. Which of the following protocols would be used to share storage resources among the fabrics without merging them?

- A.FCIP
- B.iSCSI
- C.iFCP
- D.TCP/IP

**Correct Answers: A**

9: Using multiple IBM SAN M14 Directors (2109-M14) requires which of the following enabled licenses to support FICON?

- A.Port Tunneling
- B.Expanded Port Feature
- C.Enterprise Passthru
- D.Advanced Security with CUP

**Correct Answers: D**

10: For an IBM N3700, what is the minimum root volume size?

- A.2GB
- B.10GB
- C.72GB
- D.144GB

**Correct Answers: B**

11: What are the minimum and maximum raw capacities for an IBM N3700 (2863-A10) subsystem?

- A.1TB to 8TB
- B.1TB to 16TB
- C.2TB to 16TB
- D.2TB to 32TB

**Correct Answers: B**

12: A customer wants LAN-free and server-free backups. They plan to off-load storage processing from servers and move this function onto an independent network. Which of the following should be recommended?

- A.Storage Area Network (SAN)
- B.Internet SCSI (iSCSI)
- C.Network Attached Storage (NAS)
- D.Direct Attached Storage (DAS)

**Correct Answers: A**

13: A customer wants a storage subsystem that will act as a file server to multiple workstations via LAN connections. Which of the following is the most appropriate technology?

- A.Direct Attached Storage (DAS)
- B.Internet SCSI (iSCSI)
- C.Network Attached Storage (NAS)
- D.Storage Area Network (SAN)

**Correct Answers: C**

14: The IBM N3700 is less susceptible to software hacking than other Microsoft Windows-based offerings for which of the following reasons?

- A.It has WAFL.
- B.It has Data ONTAP.
- C.It has SecureShare.
- D.It supports Kerberos and CHAP.

**Correct Answers: B**

15: Which of the following protocols is included free of charge in the IBM N3700?

- A.CIFS
- B.NFS
- C.iSCSI
- D.FCP

**Correct Answers: C**

16: Which of the following IBM N Series licensed functions enables creation of private logical partitions in filer networks?

- A.FlexVol
- B.LockVault
- C.MultiStore
- D.SnapMirror

**Correct Answers: C**

17: Which feature of Cisco Fabric Manager is designed to integrate with other management tools?

- A.The specific vendor plug-in offered by Cisco
- B.The Cisco Agent on the host system
- C.A request form for a feature enhancement to Cisco
- D.The Application Program Interface

**Correct Answers: D**

18: A customer has two sites located several kilometers apart. The customer has both high-speed Internet link and dark fiber between the sites. The customer wants to utilize storage resources at either site such as peer-to-peer copy and disaster recovery implementation. To link these two sites together, installing which of the following would provide the highest performance and be most reliable?

- A.DWDM or CWDM pipe
- B.An iFCP router
- C.An FCIP router
- D.An FCP extender

**Correct Answers: A**

19: A customer has a SAN that includes storage from multiple vendors. The storage growth rate is over 60%. The customer is concerned about having older technology. They want to migrate data with little disruption. Which of the following solutions would best address the requirements?

- A.- Determine the total amount of storage used and add additional storage for growth.
  - Recommend IBM N series to replace all systems including additional storage in order to accommodate the growth calculation.
  - Recommend using NFS copies to migrate data.
- B.- Determine the total amount of storage used.
  - Recommend DS6000 and DS8000 subsystems to replace all subsystems, use remote copy for migrating data.
- C.- Determine the total amount of storage used.
  - Recommend SAN Volume Controller, DS6000 and DS8000 to replace all subsystems including additional storage to accommodate the growth calculation.
  - Recommend using remote copy for migrating data.
- D.- Determine the total amount of storage used and add additional storage for growth.
  - Recommend the IBM SAN Volume Controller and additional DS6000 and DS8000 subsystems to accommodate the growth calculation.
  - Recommend using SVC to migrate data.

**Correct Answers: D**

20: If a company wants to move its customer order data to a N3700 and needs a high availability solution, which of the following features should be considered?

- A.Snapshot licensed on two (2) N3700 filers
- B.SnapRestore licensed on two (2) N3700 filers
- C.DFM installed on two (2) N3700 filers
- D.A dual node N3700

**Correct Answers: D**