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# **Q&A**

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**Exam** : **000-965**

**Title** : XIV Storage System  
Technical Solutions Version  
1

**Version** : Demo

1. Which XIV System feature helps to decrease total cost of ownership by simplification of the configuration process?

- A.intuitive and easy-to-use GUI
- B.one screen to specify block mirroring
- C.hot spare SATA drives added automatically
- D.all host connections automatically virtualized

**Answer: A**

2. Which single point of failure exists in most traditional storage systems and is eliminated by the XIV System's architecture?

- A.firmware failure
- B.NVS cache failure
- C.backplane failure
- D.second disk failure

**Answer: C**

3. How many snapshots are supported by the XIV Storage System?

- A.unlimited
- B.up to 255
- C.up to 16,000
- D.up to 127,000

**Answer: C**

4. How does the function of the XCLI compare to the GUI?

- A.The GUI and the XCLI are equal.
- B.The GUI is a subset of the XCLI.
- C.The GUI is a superset of the XCLI.
- D.Only the GUI uses role-based access.

**Answer: B**

5. Under what circumstance is an XIV Solutions Assurance Review mandatory?

- A.when any System z server is part of the solution
- B.installation of every XIV System in a customer location
- C.installation of the first XIV System in a customer location
- D.when an installation problem is encountered at the customer location

**Answer: C**

6. Which two solutions, once installed, can be used to move workloads without disruption? (Choose two)

- A.XIV partitions
- B.XIV Data Mover (XDM)
- C.SAN Volume Controller
- D.TPC Replication Manager
- E.XIV Data Migration Function

**Answer: CE**

7. Which component of the XIV System has the greatest contribution to the ""Green Data Center"" initiative?

- A.SATA drives
- B.Intel processors
- C.Fibre Channel adapters
- D.power distribution units

**Answer: A**

8. Which two server operating systems does the XIV System storage controller support? (Choose two)

- A.AIX 6.1
- B.z/OS 1.9
- C.Solaris 5
- D.HP NonStop
- E.Windows 2003

**Answer: AE**

9. Which capabilities of the XIV Storage System make it a key component of the IBM Information Infrastructure?

- A.The XIV System supports virtualization through the SAN Volume Controller only.
- B.The XIV System protects information with efficient snapshots and fast rebuild.
- C.The XIV System supports tiers of storage for both production and archive data.
- D.The XIV System architecture gives administrators the ability to place data on specific drives for fast retrieval.

**Answer: B**

10. The XIV Storage System best fits which category in IBM's disk positioning?

- A.competitive takeout
- B.mainframe and distributed
- C.multi-vendor open storage
- D.compatible copy services with DS8000

**Answer: A**

11. Which characteristic is unique to the XIV Storage System in the IBM disk solution portfolio?

- A.iSCSI
- B.tierless
- C.redundancy
- D.replication

**Answer: B**

12. The partition table inside the XIV System distributes the partitions across which hardware component?

- A.CPUs
- B.cache
- C.drives
- D.interface modules

**Answer: C**

13. What describes the data redundancy method used in the XIV Storage System?

- A.RAID-6
- B.RAID-10
- C.disk mirroring
- D.partition mirroring

**Answer: D**

14. In the XIV Storage System, a partition is NEVER mirrored within which component?

- A.RAID group
- B.data module
- C.FC host adapter
- D.Ethernet switch

**Answer: B**

15. Which two features does the XIV Storage System distribution algorithm provide? (Choose two)

- A.tiering
- B.redundancy
- C.data migration
- D.parity calculation
- E.consistent performance

**Answer: BE**

16. An IBM Service Representative replaces a data module in an XIV Storage System.

What happens to the data when the new module is installed?

- A.data remains on the current disks
- B.data must be manually redistributed across the system
- C.data is automatically redistributed equally across the system
- D.data is redistributed as it is brought into the cache via a read or write operation

**Answer: C**

17. What is the primary benefit of the XIV System's distribution algorithm?

- A.constant disk access
- B.constant disk checking
- C.constant disk equilibrium
- D.constant disk defragmenting

**Answer: C**

18. How can thin provisioning improve total cost of ownership?

- A.increase the number of available pools
- B.reduce the per-terabyte license required
- C.reduce the need for additional floor space
- D.increase available hard capacity beyond 80 TB

**Answer: C**

19. Which two attributes contribute to the XIV System's overall consistent performance? (Choose two)

- A.thin provisioning
- B.built in migration
- C.cache effectiveness
- D.massive parallelism
- E.high performance drives

**Answer: CD**

20. Which XIV System feature may eliminate the need for full volume copies?

- A.snapshots
- B.remote mirroring
- C.thin provisioning
- D.no orphaned space

**Answer: A**