Exam Code: 000-965

Exam Name: XIV Storage System Technical Solutions

Version 1

Vendor: IBM

Version: DEMO

Part: A

1: When using the data migration tool, how should an XIV system be attached to host servers and legacy storage?

A.only to the legacy storage, with no connection between the host server and its legacy storage

B.only to the host server, with the connection from the host server to its legacy storage left intact

C.to both the legacy storage and host server, with no connection between the host server and its legacy storage

D.to both the legacy storage and host server, with the connection from the host server to its legacy storage left intact

Correct Answers: C

2: When must the XCLI be used instead of the GUI?

A.when new users are created

B.to execute complex scripts

C.to display the usage history

D.when the system is first installed

Correct Answers: B

3: The partition table inside the XIV System distributes the partitions across which hardware component?

A.CPUs

B.cache

C.drives

D.interface modules

Correct Answers: C

4: 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

Correct Answers: C

5: How does XIV System's architecture provide fast rebuild times and data redundancy to provide reliability?

A.The XIV System mirrors data on a separate module's drive to assure no two drives share the same data module space.

B.System capacity is evenly distributed across all modules in 1MB partitions. No mirrored partitions are in the same disk. All 1MB partitions are duplicated in each module.

C.Spare capacity is allocated in all modules.　The spare capacity is used to duplicate all data from other modules. When a disk or module fails, the spare capacity becomes available.

D.System capacity is evenly distributed across all disks in 1MB partitions and is mirrored. No mirrored partitions are in the same module. They are distributed across all remaining drives.

Correct Answers: D

6: What are two benefits of the XIV Storage System's distribution over time, as compared to traditional mid-level striping distributions? (Choose two)

A.no orphan space after volume removal

B.no orphan space after volume migration

C.no orphan space after volume allocation

D.no orphan space after volume replication

Correct Answers: A C

7: Which table contains the location of the physical data?

A.data table

B.volume table

C.partition table

D.distribution table

Correct Answers: C

8: What does the XIV System do with empty 1 MB chunks of data during thick to thin provisioning?

A.writes nothing to the disks

B.writes the entire 1 MB chunk to disk

C.redirects all zeros to the same 1 MB zero chunk

D.updates a flag on disk that marks the space as empty

Correct Answers: A

9: Which concept increases complexity in order to manage growing costs, is employed by traditional storage vendors, and is eliminated by XIV?

A.RAID 6

B.tiered storage

C.grid architecture

D.thin provisioning

Correct Answers: B

10: The XIV ""volume clone"" is the equivalent of which IBM SVC function?

A.flash copy

B.image flash copy

C.consistency group

D.multi-target flash copy

Correct Answers: A

11: What is the function of a multipath driver?

A.to increase the number of supported volumes that a host can access

B.to allow for clustering of multiple hosts to access the same volumes

C.to allow for continuous data access in the event of a data path failure

D.to allow both a data path and a control path for storage system communication

E.to increase the distance that a host can physically be from the storage system

Correct Answers: C

12: A host that requires attachment to an XIV system is not currently on the interoperability matrix. What is the correct procedure for obtaining support?

A.request IBM Marketing to submit an RPQ

B.request IBM Service to submit a ""One-off""

C.request IBM Service to submit an MES change

D.request IBM Marketing to submit a letter-112

Correct Answers: A

13: Which advanced feature of the XIV Storage System eliminates the need for write-through mode?

A.redundant UPS

B.data striping

C.distributed cache

D.active/active topology

Correct Answers: C

14: What are two advantages of the recommended multipath drivers over first generation multipath drivers? (Choose two)

A.They do NOT cost extra.

B.They allow multi-vendor storage support.

C.HBA vendor-supplied multi-path software is available and mature.

D.They allow for integration with other network management tools.

E.They provide superior performance via next-generation fibre channel

Correct Answers: A B

15: What helps ensure that the XIV System's cache does NOT become a bottleneck?

A.central cache locking mechanism

B.memory that communicates to disk over PCI

C.use of industry standard high performance chips

D.having all modules understand what is held in cache at all times

Correct Answers: B

16: The XIV System's distribution of all data across all drives allows for which improvement in TCO?

A.Drive density decreases Watt/TB.

B.NO performance tuning is required.

C.Smaller faster GUI makes management easier.

D.Number of drives per rack decreases Space/TB.

Correct Answers: B

17: Where does a snapshot acquire space to store changes?

A.the reserve space in the volume

B.the reserve space in the default pool

C.the same storage pool as the primary volume

D.the reserved spare space in the storage system

Correct Answers: C

18: What is a key consideration when implementing thin provisioning for XIV Storage pools?

A.Additional capacity must be added in time.

B.Performance requirements must be clearly understood.

C.Database users must provide total capacity in advance.

D.It is not appropriate for mission-critical applications.

Correct Answers: A

19: In the XIV System, what does virtualization eliminate? (Choose two)

A.failed drives

B.performance tuning

C.mapping LUNs to hosts

D.data migration from older systems

E.the necessity of assigning volumes to disks

Correct Answers: B E

20: Which three supported topologies are available by using the XIV System's recommended multipath device driver for Windows? (Choose three)

A.Path 1 on NFS, Path 2 on CIFS

B.Path 1 on CIFS, Path 2 on CIFS

C.Path 1 on iSCSI, Path 2 on iSCSI

D.Path 1 on Fiber Channel, Path 2 on iSCSI

E.Path 1 on Fiber Channel, Path 2 on SCSI-3

F.Path 1 on Fiber Channel, Path 2 on Fiber Channel

Correct Answers: C D F