IBM

Exam 000-456

IBM XIV Storage System Technical Solutions V4

Version: 6.0

[Total Questions: 70]

Question No : 1

When is the command xcii --protect used?

A. to create an encrypted host on the XIV
B. to create an encrypted volume on the XIV
C. to create an encrypted file with username and password forXCLI usage
D. to create an encrypted file with all commands used after command has been entered

Answer: C

Question No : 2

On XIV what factors are important to successfully implement asynchronous mirroring?

A. data change rate, available bandwidth and interval
B. latency between the remote and local XIV, number of volumes must be less than 256
C. data change rate, number of volumes less than 256, required RPO
D. each mirror must have the same RPO and sync interval within the same storage pool

Answer: A

Question No : 3

What is a benefit to IBM's XIV SSD transparent read cache?

A. SSD read cache is a separate tier
B. performance improvement in sequential reads
C. real-time cache algorithm; not policy-based
D. SSD drives add usablecapacitywithout user intervention

Answer: C

Question No : 4

How many active module interconnects are there between data modules on an XIV system Model A14?

A. one Ethernetconnection
B. two Ethernetconnections
C. four Ethernet connections
D. sixEthernetconnections

Answer: B

Question No : 5

Where is the XIV VSS Provider software installed?

A. as a plug-in to the XIV GUI
B. on the XIV maintenance module
C. on servers or VMs connected to the XIV system
D. on the interface modules of the XIV system

Answer: C

Question No : 6

When does XIV Gen3 SSD caching significantly improve performance?

A. for small block, random read I/O workloads
B. for GPES random workloads
C. for large block, sequential read I/O workloads
D. for small block, sequential write I/O workloads

Answer: A

Question No : 7

Which of the following statements is true of the XIV architecture?

A. Storage Pools are used to group volumes with similar performance requirements.
B. For each mirrored 1 MB partition, one copy is always on an interface module.
C. In a fifteen module XIV, fifteen physical disks are allocated as hot spares.
D. Every logical volume is spread over every physical drive.

Answer: D

Question No : 8

A TELCO customer has an application that generates intensive small block random reads. The customer installed oneXIV Gen3 system and is dissatisfied with this choice. They have enough performance on writes and sufficient capacity.

In order to consolidate more applications what should the technical specialist advise?

A. order an extra frame with SAS 15k drives
B. orderthe SSD option and use itin conjunction with Q0S
C. use external storage with FC drives and virtualize it under XIV
D. request IBM to change the nearline SAS drives with SAS 10k drives

Answer: B

Question No : 9

Compared to other IBM storage offerings, which of the following is unique functionalityon an XIV system?

A. IP based replication
B. prevents hotspots
C. ability to take snapshots
D. reduced single points of failure

Answer: B

Question No : 10

The modem installed in the XIV is used for what?

A. externally servicing the system
B. the Call Home feature
C. setting up modules
D. XRSCconnectivity

Answer: A

Question No : 11

Which statement is true regarding XIV connectivityto IBM PowerVM VIOS clients?

A. NPIV must be used.
B. NPIV is not supported.
C. Direct iSCSI connection to VIOS is supported.
D. AIX, Linux and IBM i VIOS clients are supported.

Answer: D

Question No : 12

What technology integrates XIV in the VMware hypervisor?

A. DRS
B. SPM
C. VAAI
D. Storage vMotion

Answer: C

Question No : 13

An XIV snapshot is taken daily from the same volume and kept for one week.

If it is Friday and the system is restored from a snapshot taken on Tuesday, why is it possible to return to a snapshot taken on Thursday?

A. because the deletion priorityis set correctly
B. because there are no dependencies between subsequent snapshots
C. because there is sufficient space in the snapshot reserve
D. because snapshots were all converted to full copy

Answer: B