Vendor: IBM

Exam Code: 000-957

Exam Name: IBM XIV Storage System Technical Solutions V3

Version: DEMO

QUESTION 1
How many times faster are the Fibre Channel adapters in an XIV system Gen3 Model 114 than the XIV system Model A14?

A. 8
B. 4
C. 2
D. 20

Answer: C

QUESTION 2
How can a customer expand capacity on a non-CoD partially populated XIV system with 27 TB capacity?

A. add 1 module with 1 TB drives
B. add 3 modules with 1 TB drives
C. add 3 modules with 2 TB drives
D. add 2 modules with 1 TB drives

Answer: B

QUESTION 3
What is a benefit of the architectural changes between the XIV system Model A14 and Model 114?

A. resilience
B. performance
C. inter-array routing
D. number of host protocols

Answer: B

QUESTION 4
The customer is considering a 6 module XIV system Model A14. Their 400 servers will be multi-path enabled with connections to two interface modules.
What change must be made to support this requirement?

A. the code level must be 10.2.x or greater
B. install the latest host attach kit on all servers
C. the configuration must include a minimum of 9 modules
D. ensure that less than 128 servers are attached to any one storage pool

Answer: C

QUESTION 5
On an XIV system, the consumed capacity for the purposes of calculating entitlement in a Capacity-on-Demand system is the sum of:

A. all the pool sizes

B. all the volume sizes and the snapshot reserve
C. all the space occupied by data in volumes and snapshots
D. all the volume sizes excluding slave volumes from remote replication

Answer: B

QUESTION 6
On an XIV system, what is the maximum number of modules and/or drives the Global Spare capacity can be used to recover?

A. Onefull module
B. Twofull modules
C. Onefull module and 3 additional drives
D. Onefull module and 9 additional drives

Answer: C

QUESTION 7
A fully populated XIV system Model A14 with hard data usage of 47 TB suffers a data module failure. A forced rebuild process is complete.
What will happen in the event of a second data module failure?

A. all write operations will be suspended
B. the system will perform a rebuild back to full redundancy
C. an emergency shutdown will occur as redundancy has been lost
D. servers connected to the affected module will lose connectivity

Answer: B

QUESTION 8
Identify two ways reserved physical disk capacity is used on the XIV system? (Select two)

A. Metadata
B. Storage pools
C. Spare capacity
D. Volume expansion
E. Thin provisioning

Answer: AC

QUESTION 9
What are the three types of Technical Delivery Assessments (TDAs) applicable to an XIV system?

A. Onsite, remote, hybrid
B. Installation, production, upgrade
C. Pre-sales, pre-installation, post-install
D. Pre-announce, general availability (GA), withdrawn from marketing

Answer: C

QUESTION 10
On a target XIV system, the slave volume of an active synchronous mirror pair can be:

A. increased in size
B. used as the source for snapshots
C. the master for another mirror pair
D. unlocked for simultaneous update from another server

Answer: B

QUESTION 11
Which two XIV system features support savings in capacity? (Select two)

A. XIV GUI
B. Snapshots
C. Self-tuning
D. Thin provisioning
E. Data distribution

Answer: BD

QUESTION 12
On an XIV system, what setting ensures that all paths are utilized for a single AIX volume?

A. fast fail is enabled
B. queue depth i s set to one
C. dynamic tracking is enabled
D. round-robin multipathing algorithm is selected

Answer: D

QUESTION 13
On an XIV system, what is the function of a Consistency Group?

A. Provides data consistency in mirror peers
B. Groups fibre-channel ports for bandwidth aggregation
C. Allows the creation of simultaneous volume snapshots
D. Ensures consistent performance for servers in the group

Answer: C

QUESTION 14
In a competitive situation what tool uses iostat output to model a workload?

A. iometer
B. Disk Magic
C. Capacity Magic

D. Standalone Solutions Configuration Tool (SSCT)

Answer: B

QUESTION 15
What is one benefit of the VAAI full copy function as compared to the VMware native copy
function?

A. space efficient snapshots
B. decreases host processing
C. deduplicated full volume copies
D. increases replication bandwidth

Answer: B