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# **Q&A**

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**Exam** : **C4090-959**

**Title** : Enterprise Storage Sales V3

**Version** : DEMO

1.A customer has several different storage systems from different vendors all connected on a storage area network.All arrays are at least 80% utilized, and the customer needs additional capacity.Rack space and power are very limited.

Which SAN Volume Controller concept should a sales specialist emphasize to convince the customer to purchase a SAN Volume Controller?

- A.Compression
- B.Deduplication
- C.Virtualization
- D.Block and file I/O

**Answer:** A

Reference: <http://www-03.ibm.com/systems/storage/software/virtualization/svc/index.html>

2.An existing EMC customer has a number of UNIX and Windows based applications that are hosted on an EMC VMAX 10K system and the storage is fully populated.As part of an acquisition, the customer now wants to add a small mainframe into the current environment.

What is the best reason to recommend the DS8870 in this situation?

- A.DS8870 provides increased ease of use over the VMAX 10K.
- B.A DS8870 is capable of managing Count Key Data (CKD) volumes.
- C.The DS8870 is capable of providing system-wide encrypted volumes.
- D.A VMAX 10K would require an upgrade to support FICON protocol.

**Answer:** B

Reference: <http://www-01.ibm.com/support/docview.wss?uid=ssg1S7004088&aid=1> (page 26)

3.A customer has an Oracle database running on z/OS.The customer wants to keep three copies database at separate sites.

Which feature would allow them to do that?

- A.Metro Global Mirror
- B.Active Cloud Engine
- C.Volume Mirroring
- D.System z HyperPAV

**Answer:** A

Reference: <http://www.redbooks.ibm.com/redbooks/pdfs/sg246787.pdf>

4.Which architectural functionality of the XIV product almost completely eliminates hot spots?

- A.RAID 10
- B.SSD caching
- C.InfiniBand backplane
- D.Data distribution algorithm

**Answer:** D

5.A customer plans to replace its storage infrastructure which supports Oracle databases and a server farm based on VMware by a storage grid architecture.A Business Partner sales specialist proposes a two XIV grid system with 486 TB of usable capacity and implementation services.

What approach may be used to migrate the applications' data?

- A. Configure the XIV with IBM Lab Services
- B. Use the XIV native migration facility
- C. Develop scripts to automatically move the data
- D. Use host resources to migrate the data using LVM

**Answer: B**

6. A new customer to the TS3500 wants to know if the TS3500 they recently purchased has a three-year 9x5 warranty.

What is the correct answer to give the customer?

- A. One year, 7x24 is the standard warranty.
- B. Three years, 9x5 is the standard warranty.
- C. Three years, 7x24 is the standard warranty.
- D. One year, 9x5 is the standard warranty, with an option to provide three years 9x5.

**Answer: A**

Reference: <http://www-03.ibm.com/systems/storage/tape/ts3500/specifications.html> (see warranty)

7. The Real-time Compression Appliance can bring compression capabilities to which product?

- A. XIV
- B. HDS USP
- C. NetApp FAS3140
- D. Storwize V7000 Unified

**Answer: C**

8. A customer is considering adding Real-time Compression software to their currently installed SAN Volume Controller.

Which workload would benefit most from Real-time Compression software?

- A. video files
- B. database
- C. software development
- D. encrypted files

**Answer: B**

Reference: <http://www-03.ibm.com/systems/storage/network/rtc/stn6800/features.html>

9. A customer needs a new multiple-terabyte environment to accommodate a large DB2 database.

Which requirements are most critical to obtain to create an appropriate solution?

- A. number of IOPS and number of disk drives
- B. number of IOPS and amount of physical capacity
- C. number of network adapters and number of disk drives
- D. number of disk drives and amount of physical capacity

**Answer: B**

10. A new ProtecTIER customer wants to know what the standard warranty is on that system.

What is the correct answer to give this customer?

- A. One year.9x5 is the standard warranty.

- B. One year. 7x24 is the standard warranty.
- C. Three years, 9x5 is the standard warranty.
- D. Three years. 7x24 is the standard warranty.

**Answer: B**

Reference:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&appname=gpateam&supplier=897&letternum=ENUS112-102> (see terms and conditions)

11. Which Business Continuity capability provides a customer with access to applications regardless of local failures, whether these failures are in the business processes, the physical facilities, or the IT hardware or software?

- A. High Availability
- B. Disaster Recovery
- C. Contingency Planning
- D. Continuous Operations

**Answer: A**

12. Which financial measurement is a company's CEO typically most concerned with?

- A. P01
- B. TCO
- C. TCA
- D. NPV

**Answer: A**

13. A VMware customer wants to connect two data centers within 300 km of each other. The customer is looking for a two-site business continuity solution that supports VMware Site Recovery Manager and seamless storage failover.

Which IBM product should be proposed to this customer?

- A. XIV with Metro Mirror
- B. DS8000 with Global Mirror
- C. Storwize V7000 with Global Mirror
- D. SAN Volume Controller stretch cluster

**Answer: D**

14. A customer's IT administrators require the ability to manage files efficiently across multiple data centers in different geographic locations.

Which storage technology can best manage these capabilities?

- A. Easy Tier
- B. Thin Provisioning
- C. Active Cloud Engine
- D. Real-Time Compression

**Answer: C**

15. A customer is looking for a small VTL that comes standard with deduplication as well as with at least 4

TB of usable capacity which can grow to 20 TB.

Which IBM solution should be proposed to this customer?

- A.TS7610
- B.TS7680
- C.T37650
- D.TS7650G

**Answer: C**

16.A customer is looking for a solution that will handle their long-term data retention needs within the hardware.They need to avoid the potential erasure or modification of that data.

Which IBM disk product provides the best solution for this customer?

- A.N7900
- B.SONAS
- C.DS3599
- D.XIV Gen3

**Answer: A**

17.A customer is interested in the ability of XIV to take advantage of all storage capacity, all internal bandwidth, and all available processing power.

Which system architecture feature of XIV enables full exploitation of all system components?

- A.Self healing
- B.Thin provisioning
- C.Workload balancing
- D.Massive parallelism

**Answer: D**

18.An IBM System x customer is implementing a VMware pool.The customer has one administrator to manage the servers and storage, so deep integration with VMware is needed.The customer also desires a storage array that can scale to 299 TB.

Which IBM storage product should be recommended to this customer?

- A.DS8800
- B.DS5020
- C.XIV Gen5
- D.SAN Volume Controller with DS8800

**Answer: C**

19.A customer is looking to provide an enterprise storage subsystem for their web and SQL server environment.If fastest response time is a requirement, which IBM storage product should be recommended to this customer?

- A.N7900
- B.DS8800
- C.XIV Gen3
- D.SAN Volume Controller

**Answer: B**

20.A customer has an existing VMware infrastructure attached via SCSI protocol with storage from EMC.The customer would like to expand this infrastructure by incorporating desktop virtualization on a D58700.

Which solution can IBM recommend to this customer?

- A.Set up a SAN network for the DS8700
- B.Have an N6040 appliance send data to the DS8700
- C.Put a SAN Volume Controller in front of the DS8700
- D.Use Global Mirror between a Storwize V7000 and the DS8700

**Answer: C**