



Vendor: EMC

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QUESTION 1

A customer wants to consolidate a large physical IT infrastructure with a VMware vSphere based solutions. The physical IT infrastructure consists of more than 10,000 Windows and Linux hosts. The hosts are connected in a large SAN fabric, and are sharing heterogeneous storage arrays. The customer wants to monitor the arrays' snapshots, deduplication and replication. Which vSphere API would you recommend?

- A. vStorage APIs for Storage Awareness
- B. vStorage APIs for Data Protection
- C. vStorage APIs for Array Integration
- D. vStorage APIs for Site Recovery Manager

Answer: A

QUESTION 2

Your customer wants to define a set of logical volumes to be associated with a given workload. These SRDF logical volumes need to be automatically suspended in the event of a failure to write to any volume within the group. Which SRDF feature would you recommend to accomplish this?

- A. SRDF Consistency
- B. Solutions Enabler Device Groups
- C. Virtual Provisioning
- D. PowerPath Migration Enabler

Answer: A

QUESTION 3

Your customer asks you about EMC best practices regarding the ratio of primary to failover X-Blades. What is the recommended ratio for the standard level of protection?

- A. 7 to 1
- B. 1 to 1
- C. 3 to 1
- D. 8 to 1

Answer: A

QUESTION 4

Your customer is taking their server virtualization project from test and development into production. The environment utilizes legacy backup software to conduct a weekly full backup and a daily incremental backup for the remainder of the week.

They want to increase the server consolidation rate from 10/1 to 15/1 when they go into production. They are concerned about IP network contention on the physical server's NIC. They are also concerned that the backup may not finish during their backup window.

Which backup product should you recommend?

- A. Avamar
- B. NetWorker with VTL
- C. Data Domain with Boost

D. EMC DLm

Answer: A

QUESTION 5

A potential customer is interested in a SAN Copy replication option as part of a DR plan. The customer inquired about the data flow between source and destination arrays. They are especially concerned about the effects of increasing the default throttle value.

What possible impact, if any, would this action cause?

- A. It will impact the host's access time due to port contention
- B. It will impact the replication process due to poor bandwidth utilization
- C. It will cause a high number of write I/Os issued to the Reserved LUN Pool.
- D. It will have no impact on replication.

Answer: A

QUESTION 6

A customer wishes to use DPA to monitor deduplication rates, capacity and status for their EMC Data Domain environment. Which DPA option needs to be licensed?

- A. Data Protection Advisor for Backup
- B. Data Protection Advisor for Virtualization
- C. Data Protection Advisor for File Server
- D. Data Protection Advisor for Replication Analysis

Answer: A

QUESTION 7

You are designing a new Centera solution for a customer with Gen4LP nodes and 3TB drives. While discussing object protection options, the customer asks about object count and tells you they have two applications, A and B, which they plan on integrating to the cluster.

Application A stores small files that average less than 100KB in size.

Application B stores large files that average 150MB in size.

Using mirrored protection how many objects get stored on Centera for each file that is written by the applications?

- A. A.4;B.6
- B. A.2;B.4
- C. A.4;B.4
- D. A.2;B.2

Answer: A

QUESTION 8

A potential customer has asked you to describe the DR options available for an EMC Centera archive. What replication topologies should you discuss with the customer?

- A. Unidirectional, bi-directional, chain and inward star that support asynchronous updates to the replica clusters

- B. Unidirectional, bi-directional, chain and outward star that support synchronous and asynchronous updates to the replica clusters
- C. Unidirectional, bi-directional, chain and inward star that support synchronous updates to the replica clusters
- D. Unidirectional, bi-directional, chain and inward star that support synchronous and asynchronous updates to the replica clusters

Answer: A

QUESTION 9

A customer is deploying iSCSI protocol in their environment utilizing their MDS-9506. The storage engineer needs to authenticate a network host to the array for use with iSCSI.

Which Connectrix MDS feature will provide this security?

- A. CHAP
- B. Port Zoning
- C. SID Lockdown
- D. RADIUS

Answer: A

QUESTION 10

SAN Copy Incremental copies are chosen as the primary migration model in an environment where data is being pushed to new VNX storage from CLARiiON. Migrations are being done bi-directionally between sites.

How should the storage groups be configured for SAN Copy to protect from overwriting data?

- A. Create a SAN Copy storage group on target, populate with target LUNs only
- B. Create a SAN Copy storage group on source, populate with source LUNs only
- C. Create a SAN Copy storage group on source and target, populate with source and target LUNs
- D. Create a SAN Copy storage group on target, populate with source and target LUNs

Answer: A

QUESTION 11

A customer has 20 ESXi servers with 30-40 virtual machines on each. They purchased a new VMAX and need to migrate from their CX700. They are concerned with the amount of downtime that may occur because of the amount of data to be moved.

What would you recommend?

- A. Storage vMotion
- B. Open Replicator
- C. Robust File Copy
- D. Open Systems SDMS

Answer: A

QUESTION 12

A client has a mixture of DMX, DMX3/4 and VMAX that will need to target a single consistent

VMAX 40K environment. The environment utilizes Cisco Connectrix SAN switching with multiple VSANs on each storage array. Open Replicator is being discussed as a possible solution. No available ports exist on the array.

If a host has to be migrated on a busy FA pair that is used for production traffic, what is the best option to control the Open Replicator session?

- A. Configure ceiling
- B. Configure pace
- C. Implement IVR
- D. Configure QoS

Answer: A

QUESTION 13

Which capability does the Data Domain Virtual Tape Library feature enable?

- A. It enables integration with existing backup software and strategy.
- B. It enables Tape Storage for all Backup Software vendors.
- C. It allows backups to be stored directly to tape after deduplication.
- D. It allows the removal of old Tape Library backup software.

Answer: A

QUESTION 14

A company has shown interest in acquiring a Cloud Tiering Appliance for file archival. The Administrator would like to provide the users read capability once the files are archived without having them moved back to the source file system.

What would you recommend be done in this situation?

- A. Configure an archival policy with pass-through recall.
- B. Extend the file system and configure a policy with FULL recall.
- C. Migrate the archived files to a Centera for best protection.
- D. Setup a retention period on the archived files.

Answer: A

QUESTION 15

A customer wants to install two federated instances of ProSphere. Each instance will be located in a separate data center. The data centers will be separated by 80 km. The customer has inquired about network latency.

What is the maximum acceptable network latency between the federated instances?

- A. 200ms
- B. 50ms
- C. 20ms
- D. 500ms

Answer: A

QUESTION 16

What is one of the functions of VADP?

- A. It enables off-host, LAN-free backup of VMs
- B. It performs full backups of hypervisor and associated configuration files
- C. It enables HA of vSphere server
- D. It enables Site Recovery Manager functionality

Answer: A

QUESTION 17

What is the recommended configuration for front-end host connectivity to a dual-engine VPLEX local cluster?

- A. Zone HBA 0 to Fabric A director A port on engine 1
Zone HBA 0 to Fabric A director B port on engine 2
Zone HBA 1 to Fabric B director A port on engine 1
Zone HBA 1 to Fabric B director B port on engine 2
- B. Zone HBA 0 to Fabric A director A port on engine 1
Zone HBA 0 to Fabric A director B port on engine 1
Zone HBA 1 to Fabric B director A port on engine 2
Zone HBA 1 to Fabric B director B port on engine 2
- C. Zone HBA 0 to Fabric A director A port on engine 1
Zone HBA 1 to Fabric B director B port on engine 2
- D. Zone HBA 0 to Fabric A director A port on engine 1
Zone HBA 1 to Fabric B director B port on engine 1

Answer: A

QUESTION 18

A current EMC customer is planning to deploy a VNX5500 to connect only four clustered servers to a specific LUN. What function dedicates a specific LUN to a storage group?

- A. LUN Masking
- B. Zoning
- C. Access rights
- D. High Availability

Answer: A

QUESTION 19

Which Isilon node type is most appropriate for a highly concurrent, high sequential throughput application?

- A. X-Series
- B. S-Series
- C. NL-Series
- D. Accelerator

Answer: A

QUESTION 20

You have been asked to participate in an SRDF design solution that will meet the RTO/RPO of the client. Which performance metrics will you need to help you design the solution?

- A. Read/Write ratio
Random/Sequential I/O ratio
Size of current cache
- B. Throughput in IOPS
Number of virtual provisioned LUNs in system
System bandwidth
- C. Size and speed of each disk
Key performance indicators
Current WAN bandwidth
- D. Engineuity code of source/target
Read/Write ratio of target
Cache size of target

Answer: A

QUESTION 21

You have implemented Replication Manager for RecoverPoint. When you create a RecoverPoint-protected application set in Replication Manager, what is created automatically?

- A. Consistency group
- B. Application-consistent replicas
- C. Crash-consistent replicas
- D. Storage pools

Answer: A

QUESTION 22

You are designing an Atmos solution that will have 12 tenants. Based on EMC best practices, how many nodes are required?

- A. 6
- B. 12
- C. 18
- D. 24

Answer: D

QUESTION 23

After deploying a small VNX system for several months, a customer now plans to upgrade to a much larger VNX system. The system has been used to serve filesystems to both Windows and Unix clients separately and they would like to retain and migrate this data to the new platform. Which tool(s) would offer the safest and simplest process?

- A. VNX Replicator

- B. CDMS
- C. EMCopy and Rsync
- D. CTA Migration

Answer: A

QUESTION 24

A customer with a Symmetrix VMAX running 5875 Enginuity code is trying to create space required for creating a thin pool on the FC drives in the storage system. The storage frame contains FC and SATA II drives. Traditional LUNs on the FC disks need to be relocated. What should the customer implement, and how?

- A. Optimizer, using manual migration
- B. FAST, using automated tuning
- C. FAST VP, using manual migration
- D. Optimizer, using automated tuning

Answer: A

QUESTION 25

What is the smallest sized Data Domain appliance required to store 1PB of data?

- A. DD670
- B. DD160
- C. DD990
- D. DD860

Answer: A

QUESTION 26

A customer considering purchasing more disks. They require that restartable local copies of an Oracle database be created for daily backups without downtime to production. Which TimeFinder option must be invoked in the script during a split to create the replicas?

- A. Consistent
- B. Instant
- C. Freeze-thaw
- D. Immediate

Answer: A

QUESTION 27

Which Microsoft feature is used by RecoverPoint to create application-consistent bookmarks for Exchange?

- A. Volume Shadow Copy Service (VSS)
- B. Virtual Device Interface (VDI)
- C. System Change Numbers (SCN)
- D. Application Program Interface (API)

Answer: A

QUESTION 28

Which description defines "Big Data"?

- A. Data sets whose size is beyond the ability of commonly used software tools to capture, manage, and process the data within a tolerable elapsed time
- B. Data sets that contain individual files and/or objects larger than 16 TB.
- C. Data sets commonly used by customized software applications to create very large binary or graphic analytical filesets
- D. Data sets that contain a total of files and/or objects larger than 16 TB.

Answer: A

QUESTION 29

You are implementing file-level retention for a customer on a VNX. The customer does not need to meet US Federal SEC Rule 17a4(f) requirements.

Which level of FLR should they use?

- A. Enterprise
- B. Compliance clone (point in time) replica of the R2
- C. No version of VNX FLR meets SEC Rule 17a4(f) requirements
- D. All versions of VNX FLR meet SEC Rule 17a4(f) requirements

Answer: A

QUESTION 30

An Oracle DBA is planning to use Oracle RMAN to implement a backup-to-disk solution. They are looking for an automated tool that works with RMAN to place the database in hot backup mode, or to shut it down before a snap or clone is taken.

Which solution would you recommend?

- A. EMC Replication Manager
- B. Oracle ASM
- C. EMC RecoverPoint
- D. Oracle Flashback

Answer: A

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