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QUESTION & ANSWER

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Exam : E20-322

Title : Technology Architect
Solutions Design

Version : DEMO

1.A customer is implementing a new DMX-4 system in their data center. They have decided to use Enterprise Flash Drive (EFD) technology in their design for their critical Oracle database.

Which database objects would gain the least benefit from EFDs?

- A.High transaction rate table/index
- B.Lookup tables
- C.Index
- D.Redo logs

Answer:D

2.A business is planning to migrate a physical, Oracle 11g database environment to a virtualized VMAX platform.

What would be the primary benefit to the business if such a migration were implemented?

- A.Migrating to new servers or new storage devices would enable the business to maintain 100% uptime.
- B.Virtualization would enable multiple Oracle database environments to run under one instance.
- C.VMAX configurations would provide auto back-end load balancing configurations for Oracle dbf files.
- D.Virtualization on VMAX storage would automatically lay out database objects.

Answer:A

3.A customer is looking for a best practice for a mission-critical Oracle application. They require a point-in-time copy of their database for reporting in their Symmetrix environment. This point-in-time environment must have no impact on production.

Which configuration would you recommend?

- A.Synchronous R1 to R2; point-in-time clone off the R1s
- B.Point-in-time clone off R1s, activated and mounted at the target
- C.synchronous R1 to R2; point-in-time snap off the R1s
- D.ynchronous R1 to R2; point-in-time clone off the R2s

Answer:D

4.A customer has implemented RecoverPoint to protect a Progress database and SQL Server as a Federated database. Changes to the Progress database and SQL Server are asynchronously replicated to the remote disaster recovery (DR) site.

What should be done to ensure consistent recovery at the DR site for this environment?

- A.Put SQL Server and the Progress database briefly into a quiescent state before taking snapshots used for recovery
- B.Use the Write Ahead transaction Logging (WAL) mechanism on the Progress and SQL Server databases
- C.Use Peer To Peer Transactional Replication for both the SQL Server and Progress databases
- D.Create periodic group set bookmarks to ensure that the two databases are periodically synchronized

Answer:A

5.A SQL Server implementation has been experiencing poor I/O performance. You are asked to identify the root cause of the performance issues.

Which tool should you use for your analysis?

- A.SQL Server Profiler

- B. SQL Server Configuration Manager
- C. SQL Query Editor
- D. SQL Server VDI

Answer:A

6. You performed an analysis of the I/O profile of a SQL Server environment that has performance and availability issues. Having identified disk contention as the primary problem, what would be your recommendation?

- A. Enable fast file initialization
- B. Allocate additional spindles and migrate the transaction logs to the new RAID group
- C. Move SQL transaction log and database files to the same RAID/disk group
- D. Enable SQL Server to keep pages in memory

Answer:B

7. You must design a backup solution for an existing Celerra NS80 customer. The customer has decided that the expense of expanding their tape hardware infrastructure to support the additional load is not justified because the data is for department-level user shares.

Which alternate solution should you use to back up the Celerra with minimal cost and disruption to their current backup procedures?

- A. Add an EMC Disk Library with 1 TB SATA drives
- B. Add FC disks to the NS80 and back up using Celerra VTLUs
- C. Add SATA disks to the NS80 and back up to disk
- D. Add a second NS80 and replicate the backup data

Answer:C

8. A customer wants to implement one EMC Disk Library at their primary data center and one EMC Disk Library at their disaster recovery site. They will be using IBM Tivoli Storage Manager (TSM) as the backup application. A small subset of the primary data needs to be transferred to a disaster recovery site where it will eventually expire without TSM involvement.

What is a recommended feature to use with EMC Disk Library to transfer data to the disaster recovery site?

- A. Remote Copy
- B. RecoverPoint
- C. Active Engine Failover
- D. Virtual Tape Migration

Answer:A

9. A customer would like to eliminate tape from their backup environment. They do not have a SAN infrastructure.

Which solution should you recommend?

- A. EDL 4406
- B. Symmetrix with SATA
- C. CLARiiON CX with SATA
- D. NS80 with internal VTLU

Answer:D

10.In addition to "Software as a Service" and "Infrastructure as a Service," which main category of service falls within the definition of cloud computing?

- A.Platform as a Service
- B.Hardware as a Service
- C.VM as a Service
- D.Facility as a Service

Answer:A

11.How does Atmos handle data protection?

- A.SOAP
- B.Replication
- C.Rsync
- D.REST

Answer:B

12.Which product delivers simple automation to enable end-to-end virtual-to-physical mapping of physical storage and servers, as well as ESX servers and the virtual machines that reside on them?

- A.Navisphere Manager
- B.Navisphere Analyzer
- C.VMware Server
- D.vCenter Server

Answer:A

13.Your customer is experiencing performance issues with three CLARiiON-attached hosts and you've already ruled out server hardware and network latency as possible causes. All of these hosts' LUNs are part of the same RAID group, so you now need to determine which host's LUNs are causing the RAID group's performance degradation.

Which Navisphere Analyzer data view would help you determine which LUNs are having the greatest effect on the disks' performance?

- A.Performance Detail line chart
- B.LUN Performance Survey chart
- C.I/O Distribution Size Detail chart
- D.LUN I/O Disk Detail chart

Answer:D

14.How often does SAN Advisor retrieve new information from EMC Ionix ControlCenter and identify compliance violations?

- A.Only when downloading the latest support information from an EMC website
- B.Only when an alert has been triggered
- C.Once per week
- D.Once per day

Answer:D

15.You have been requested to create a SAN Advisor design that can accommodate 250 to 500 hosts. Which component should be placed on its own dedicated host?

- A.StorageScope Repository
- B.EMC Ionix ControlCenter ECCAPI
- D.EMC Ionix ControlCenter Repository
- C.EMC Ionix ControlCenter Server

Answer:B

16.A request has been made to collect the information that has been gathered by SAN Advisor. You notice the data has not been collected.

In order for SAN Advisor to receive information about the environment, what service is used?

- A.EMC Ionix ControlCenter Repository
- B.EMC Ionix ControlCenter Server
- C.EMC Ionix ControlCenter StorageScope Repository
- D.EMC Ionix ControlCenter ECCAPI

Answer:D

17.A customer uses an SCA appliance to provide environment discovery and compliance reports. The current SCA implementation is experiencing workload issues due to the extremely large number of objects being managed.

Which solution should you recommend to address this issue?

- A.Increase the number of SCA external agents
- B.Install an additional SCA appliance
- C.Add an additional network interface to the SCA appliance
- D.Increase the heap size on the EMC Ionix ControlCenter API server

Answer:B

18.You have been requested to provide a solution that will monitor resource best practices, create alerts when the environment exceeds recommended boundaries, and requires no agents to be installed on the network.

Which product will provide this capability?

- A.Storage Configuration Advisor
- B.EMC Ionix ControlCenter
- C.SAN Advisor
- D.Storage Insight for Availability

Answer:A

19.An organization currently uses a physical Storage Configuration Advisor (SCA) appliance to discover, monitor, and report configuration compliance for 1,600 hosts. This number is expected to grow to 2,500 in the near future. They would like to migrate this management function to virtual servers.

How many virtual SCA appliances are needed to meet this requirement?

- A.5
- B.3

C.4

D.2

Answer:C

20.A customer has recently purchased Open Replicator and needs to know which GUI interface would be best for administration.

What should be your response?

A.Navisphere Manager

B.SAN Advisor

C.Symmetrix Management Console

D.EMC Ionix ControlCenter

Answer:C