E20-880

VNX Solutions Expert Exam for Technology
Architects

DEMO

QUESTION NO: 1

A customer is in the design phase of their SQL server implementation. They request your guidance concerning the number of disk drives needed to properly configure the database for performance. The current utilization of the database is shown below: S

- 85% reads and 15% writes
- 10K SAS disks
- RAID 1/0
- 1150 IOPS

What is the minimum number of disk spindles required to service the random I/O requests during usage of the SQL Server database?

A. 8
B. 10
C. 12
D. 14

Answer: B
Explanation:

QUESTION NO: 2

Your customer has a new VNX solution configured with Flash, SAS, and NL-SAS drives. The customer requires their OLTP, VDI, Software Development, and Regulatory Compliance workloads to be distributed between the different drive types. Due to limited drive quantities only one workload type can be configured using Flash drives.

According to best practices which configuration best assigns the workloads?

A. VDI on Flash drives; OLTP on SAS; Software Development on SAS; Regulatory Compliance on NL-SAS
B. OLTP on Flash drives; VDI on SAS; Regulatory Compliance on SAS; Software Development on NL-SAS
C. OLTP on Flash drives; VDI on SAS; Software Development on SAS; Regulatory Compliance on NL-SAS
D. VDI on Flash drives; OLTP on SAS; Regulatory Compliance on SAS; Software Development on NL-SAS

Answer: A
Explanation:

QUESTION NO: 3

A customer is in the design phase of their SQL server implementation. They request your guidance concerning the number of disk drives needed to properly configure the database for performance. The current utilization of the database is shown below:

- 80% reads and 20% writes
- 10K SAS disks
- RAID 5
- 1150 IOPS

What is the minimum number of disk spindles required to service the random I/O requests during usage of the SQL Server database?

A. 12
B. 14
C. 18
D. 20

Answer: B
Explanation:

QUESTION NO: 4

A VNX storage system is being configured to provide storage for an Exchange 2010 implementation for 2,000 users. Performance and reliability are more important than cost for the customer.

What RAID configuration should be used?

A. A RAID 1/0 Group, spread across two DAEs on two separate storage system busses
B. Two RAID 5 Groups in a striped metaLUN across two DAEs, one from each back end bus
C. A RAID 1/0 Group on a single DAE
D. A RAID 6 Group which can accommodate two simultaneous drive failures

Answer: A

Explanation:

QUESTION NO: 5

As a result of suffering a catastrophic failure, your customer has requested a DR solution. The solution must introduce a higher level of availability for their Exchange 2010 system. You have recommended a strategy that involves Replication Manager with native DAG.

In what state(s) of the database would the replication occur?

A. Either active or passive
B. Active only
C. Passive only
D. Neither active nor passive

Answer: A
Explanation:

QUESTION NO: 6

A company has added a large number of users to a VMware VDI deployment. The users are complaining that the system (VNX-Block) is slow, especially when they start their shift. You have been tasked to provide an economical solution.

Which technology would you use to improve performance?

A. FAST Cache
B. FAST VP
C. FAST
D. Fast VPN

Answer: A
Explanation:

QUESTION NO: 7

A customer has designed an environment using block based LUNs presented to individual hosts.