

3V0-21.21^{Q&As}

Advanced Design VMware vSphere 7.x

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QUESTION 1

A customer has a database cluster with 40/60 read/write ratio and a high IOPs requirement with no contention on an all-flash vSAN cluster.

Which two storage settings should be configured for best performance? (Choose two.)

A. IOPs limits enabled

B. RAID 1

- C. Deduplication and Compression disabled
- D. RAID 5/6
- E. Deduplication and Compression enabled

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Correct Answer: AB
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QUESTION 2

During a requirements gathering workshop, the customer provides the following information:

Each host has 2 × 10 GbE NIC EtherChannel is not currently configured No changes can be made to the physical network Network throughput must be prioritized for defined critical services

Which two recommendations should the architect make with regard to virtual networking? (Choose two.)

- A. Use Route Based on Physical NIC Load.
- B. Use Network I/O Control with Shares.
- C. Use Network I/O Control with Reservation.
- D. Use Link Aggregation Control Protocol (LACP).
- E. Use Network I/O Control with Limits.

Correct Answer: AD

Reference: https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-networkingguide.pdf

QUESTION 3

An architect is tasked with recommending a solution for a company that is running out of VLANs. Currently the company is running two separate data centers based on vSphere including an Enterprise Plus license. In the first data center, the problem was solved by using VMware NSX and overlay network. In the second data center, there is currently no VMware NSX implementation in place and no budget for additional licenses.

What should the architect recommend as a potential solution to provide support for additional VLANs?



- A. Separate Distributed Virtual Switches (DVS)
- B. Private VLANs (PVLAN)
- C. Virtual Guest Tagging (VGT)
- D. vSwitch VLAN Tagging (VST)

Correct Answer: A

QUESTION 4

A new vSphere platform is being created. The platform will host virtual machines that will run management services and line-of-business applications.

What should the architect consider when designing the number and type of clusters required?

- A. Maximum tolerable downtime
- B. Predicted platform growth
- C. Auditing requirements for the virtual machines
- D. The level of isolation required between virtual machine classifications

Correct Answer: B

QUESTION 5

During a transformation project kick-off meeting, an architect highlights specific areas on which to focus while developing the new conceptual design.

Which two of the listed statements are business requirements? (Choose two.)

- A. The project should use the existing storage devices within the data center
- B. Sites must support a network latency of less than 12 ms round-trip time (RTT)
- C. The solution must allow data replication between sites
- D. There is no budget specifically assigned for disaster recovery
- E. There must not be a single point of failure for the virtual infrastructure

Correct Answer: BC