



E20-018^{Q&As}

Virtualized Data Center and Cloud Infrastructure Design Specialist

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QUESTION 1

An administrator has implemented a hypervisor cluster with high availability enabled. They are expecting that if any of the physical servers fail, the virtual servers will be transparently migrated to other hypervisors in the cluster.

When the first hypervisor failure occurs, all of the hosted virtual servers appear offline to users as they are moved to another host.

What feature should the administrator have implemented to achieve his goal?

- A. Load Balancing
- B. Live Migration
- C. Fault Tolerance
- D. Distributed Resource Scheduling

Correct Answer: C

QUESTION 2

An organization is establishing a second data center and needs to have high speed, low latency LAN and SAN connectivity between the two sites. They are only able to obtain two standards of dark fiber due to the cost.

Which technology will allow them to fulfill their requirements?

- A. FCoE
- B. MPLS
- C. DWDM
- D. FCIP

Correct Answer: D

QUESTION 3

As part of a VDC design, you configured a number of virtual machine OS clusters. Each cluster must have a non-routable network to accommodate system heartbeats. However, some of the clusters house sensitive data that should not be accessible by any other cluster. For fault tolerance purposes, the cluster nodes will never be hosted on the same hypervisor.

How should you instruct the administrator to configure the Private VLANs?

- A. Configure the Primary and Community VLANs on both the hypervisor virtual switches and access layer switches.
- B. Configure the Primary and Community VLANs on the hypervisor virtual switches.
- C. Configure the Primary and Isolated VLANs on both the hypervisor virtual switches and access layer switches.



D. Configure the Primary and Isolated VLANs on the hypervisor virtual switches.

Correct Answer: A

QUESTION 4

Refer to the exhibit.

Application Group	I/O Rate	I/O Bursts	Capacity
Group 1	High	No	Low
Group 2	Medium	Yes	Medium
Group 3	Low	Yes	High

You are designing the storage environment for a new VDC. The applications have been classified into three groups, as shown in the exhibit. You have chosen to create a storage pool for each application group.

How should you configure the storage for each pool to meet the performance and capacity requirements, while minimizing costs?

- A. Pool 1 - SSD and SAS drives with storage tiering
Pool 2 - SAS and NL SAS drives with storage tiering and cache tiering
Pool 3 - SAS and NL SAS drives with storage tiering and cache tiering
- B. Pool 1 - SSD and SAS drives with storage tiering
Pool 2 - SSD and NL SAS drives with storage tiering
Pool 3 - SAS drives with cache tiering
- C. Pool 1 - SSD and SAS drives with storage tiering
Pool 2 - SAS and NL SAS drives with storage tiering and cache tiering
Pool 3 - NL SAS drives with cache tiering
- D. Pool 1 - SSD and SAS drives with storage tiering and cache tiering
Pool 2 - SAS and NL SAS drives with storage tiering and cache tiering
Pool 3 - NL SAS drives with cache tiering

Correct Answer: C

QUESTION 5

Why is it possible for Object-based Storage Devices (OSD) to achieve massive scale without significant performance impact?

- A. OSD uses solid state drives exclusively
- B. OSD distributes data management across clustered nodes
- C. Data organization is hierarchical by Object ID (OID)
- D. Data organization is flat by Object ID (OID)

Correct Answer: D



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