

# DUMPS ARENA

## Advanced Cloud Architecture

SOA C90.05

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**QUESTION NO: 1**

Applying the \_\_\_\_\_ pattern establishes an elastic provisioning system that is capable of dynamically allocating and reclaiming \_\_\_\_\_ for virtual servers.

- A. Elastic Network Capacity, physical network ports
- B. Elastic Resource Capacity, CPUs and RAM memory
- C. Elastic Disk Provisioning, bandwidth
- D. None of the above.

**ANSWER: B****QUESTION NO: 2**

A load balancing system is established after the Load Balanced Virtual Switches pattern is applied. This system uses \_\_\_\_\_ to balance workloads across multiple uplinks simultaneously, to prevent network cards from overloading.

- A. Load Balanced Virtual Switches, link aggregation
- B. Load Balanced Virtual Server Instances, secondary uplinks
- C. Workload Distribution, virtual switch replication
- D. Service Load Balancing, cloud service replication

**ANSWER: A****QUESTION NO: 3**

Which of the following statements about the system established by the application of the Storage Maintenance Window pattern are true? (Choose Two)

- A. The system ensures that cloud consumers do not experience service interruption during cloud storage maintenance outages.
- B. The system temporarily moves cloud consumer data at runtime.
- C. The system limits the number of data requests that can be received by a single cloud storage device during a maintenance outage.
- D. The system dynamically recovers a cloud storage device from failure conditions encountered during the maintenance outage.

**ANSWER: A B**

**QUESTION NO: 4**

The cloud architecture that is established by the application of the Storage Workload Management pattern can rely on the storage capacity monitor to: (Choose Two)

- A. notify the storage capacity system whenever a cloud storage device is being over-utilized
- B. migrate LUN5 to different cloud storage devices
- C. detect when the workload of a cloud storage device has reached a pre-defined threshold
- D. act as an external interlace to a cloud storage service

**ANSWER: A C****QUESTION NO: 5**

The \_\_\_\_\_ pattern is applied to dynamically allocate and reclaim physical uplinks, whenever \_\_\_\_\_ become bottlenecks.

- A. Elastic Resource Capacity, virtual firewalls
- B. Elastic Disk Provisioning, failed network ports
- C. Elastic Resource Capacity, network cards
- D. Elastic Network Capacity, virtual switches

**ANSWER: D****QUESTION NO: 6**

The application of the Redundant Storage pattern results in a system comprised of \_\_\_\_\_ and \_\_\_\_\_ cloud storage devices.

- A. block-based, file-based
- B. primary, secondary
- C. physical virtual
- D. vertically scaled, horizontally scaled

**ANSWER: B****QUESTION NO: 7**

The system that is established by the application of the Dynamic Failure Detection and Recovery pattern can address which of the following issues: (Choose Three)

- A. cloud-based bare-metal physical servers need to be provisioned with operating systems
- B. cloud-based IT resources encountering runtime failure conditions require intervention
- C. the manual process to solve cloud-based IT resource failure is too slow
- D. the manual recovery of IT resources leads to additional failures

**ANSWER: B C D**

#### QUESTION NO: 8

Which of the following statements about the system that is established by the application of the Storage Workload Management pattern are? (Choose all that apply)

- A. The system can distribute workloads across multiple cloud storage devices at runtime.
- B. The system supports the grouping of cloud storage devices to improve the balanced distribution of data.
- C. The system can use the automated scaling listener to equalize the workload across cloud storage devices.
- D. The system can incorporate the use of the LUN migration program to distribute the runtime workload.

**ANSWER: A B C D**

#### QUESTION NO: 9

Which of the following statements about the system that is established by the application of the Redundant Physical Connection for Virtual Servers pattern are true? (Choose Three)

- A. The system can establish multiple redundant uplink connections.
- B. The system can prevent cloud consumers from losing connectivity to virtual servers.
- C. The system regulates the bandwidth that is allocated to individual uplink connections.
- D. The system places redundant uplink connections in standby mode.

**ANSWER: A B D**

#### QUESTION NO: 10

The \_\_\_\_\_ pattern is applied to establish a \_\_\_\_\_ system that can address failure conditions that occur at runtime. This system can monitor and respond to a range of failure conditions.

- A. Dynamic Data Normalization, usage monitoring

- B.** Service Load Balancing, load balancing
- C.** Synchronized Operating State, failover
- D.** Dynamic Failure Detection and Recovery, resilient watchdog

**ANSWER: D**