

**Free Questions for CV0-003**

**Shared by Osborn on 04-10-2024**

**For More Free Questions and Preparation Resources**

**Check the Links on Last Page**

# Question 1

---

**Question Type:** MultipleChoice

---

A cloud administrator must ensure all servers are in compliance with the company's security policy. Which of the following should the administrator check FIRST?

**Options:**

---

- A- The application version
- B- The OS version
- C- Hardened baselines
- D- Password policies

**Answer:**

---

C

**Explanation:**

---

Hardened baselines are a set of security best practices that reduce the vulnerability of a system to exploits by reducing its attack surface<sup>1</sup>. They are also known as security configurations or benchmarks, and they provide a standard level of system hardening for an organization<sup>23</sup>.

Checking the hardened baselines of the servers is the first step that a cloud administrator should take to ensure compliance with the company's security policy. This is because hardened baselines can help to:

Identify and eliminate common vulnerabilities and exposures (CVEs) that attackers can exploit<sup>1</sup>.

Remove unnecessary or unused services, accounts, software, and ports that can increase the attack surface<sup>23</sup>.

Apply appropriate settings and controls for encryption, authentication, authorization, firewall, and logging<sup>23</sup>.

Streamline audits and testing by reducing complexity and providing a reliable benchmark<sup>23</sup>.

## Question 2

---

**Question Type:** MultipleChoice

---

A systems administrator has a redundant backup system in place. Which of the following should the systems administrator perform to maintain efficient operation and comply with the global standard in the corporate backup policies?

**Options:**

---

- A- Modify RTO policies.
- B- Confirm completion of the backups.
- C- Test the backups.
- D- Modify RPO policies.

**Answer:**

---

C

## Question 3

---

**Question Type: MultipleChoice**

---

A systems administrator notices several VMS are constantly ballooning, while the memory usage of several other VMS is significantly lower than their resource allocation. Which of the following will MOST likely solve the issue?

**Options:**

---

- A- Rightsizing
- B- Bandwidth increase
- C- Cluster placement
- D- Storage tiers

### Answer:

---

A

### Explanation:

---

The best answer is A. Rightsizing.

Rightsizing is the process of restructuring a company so it can make a profit more efficiently and meet updated business objectives<sup>1</sup>. Organizations will usually rightsize their business by reducing their workforce, reorganizing upper management, cutting costs, and changing job roles<sup>2</sup>.

Rightsizing can help solve the issue of VMs constantly ballooning, while the memory usage of several other VMs is significantly lower than their resource allocation. Ballooning is a memory reclamation technique used when ESXi host runs out of memory. It involves a balloon driver that consumes unused memory within the VM's address space and makes it available for other uses by the host machine<sup>3</sup>. However, ballooning can also degrade the performance of the VMs and cause swapping or paging<sup>4</sup>.

By rightsizing the VMs, the systems administrator can adjust the memory allocation according to the actual demand and usage of each VM. This can prevent overprovisioning or underprovisioning of memory resources and improve the efficiency and profitability of the company. Rightsizing can also help avoid redundancies, streamline workflows, and make better hiring decisions<sup>1</sup>.

## Question 4

---

**Question Type:** MultipleChoice

---

A systems administrator is performing an OS upgrade on a production VM. Which of the following actions should the administrator take before the upgrade to ensure the FASTEST recovery of the system in case the upgrade fails in an unrecoverable way?

### Options:

---

- A- Submit the upgrade to the CAB.
- B- Perform a full backup.
- C- Take a snapshot of the system.
- D- Test the upgrade in a preproduction environment.

### Answer:

---

C

### Explanation:

---

A snapshot is an image of your system/volume at a specific point in time. It captures the entire file system as it was when the snapshot was taken. When a snapshot is used to restore the system, the system will revert to exactly how it was at the time of the snapshot<sup>1</sup>. Snapshots are designed for short-term storage and fast recovery. They do not need a lot of storage space or time to create copies<sup>234</sup>.

Taking a snapshot of the system before the OS upgrade would ensure the fastest recovery of the system in case the upgrade fails in an unrecoverable way. The administrator could simply restore the system from the snapshot and avoid any data loss or corruption. This would be much faster and easier than performing a full backup or testing the upgrade in a preproduction environment.

## Question 5

---

**Question Type:** MultipleChoice

---

A company has a web application running in an on-premises environment that needs to be migrated to the cloud. The company wants to implement a solution that maximizes scalability, availability, and security, while requiring no infrastructure administration. Which of the following services would be BEST to meet this goal?

### Options:

---

- A- A PaaS solution
- B- A hybrid solution

**C-** An IaaS solution

**D-** A SaaS solution

## **Answer:**

---

A

## **Explanation:**

---

A PaaS solution, or platform as a service, is a cloud computing service that provides a complete, ready-to-use, cloud-hosted platform for developing, running, maintaining and managing applications<sup>1</sup>. A PaaS solution would meet the company's goal of maximizing scalability, availability, and security, while requiring no infrastructure administration, because:

**Scalability:** A PaaS solution can automatically scale up or down the resources needed to run the application based on the demand and traffic. The company does not need to worry about provisioning or managing servers, storage, network, or load balancers<sup>23</sup>.

**Availability:** A PaaS solution can ensure high availability and reliability of the application by replicating it across multiple regions and zones. The company does not need to worry about backup, recovery, or failover<sup>23</sup>.

**Security:** A PaaS solution can provide built-in security features such as encryption, authentication, authorization, and firewall. The company does not need to worry about installing or updating security patches or software<sup>23</sup>.

**No infrastructure administration:** A PaaS solution can abstract away the underlying infrastructure and hardware from the company. The company only needs to focus on developing and deploying the application code and data. The PaaS provider takes care of the rest<sup>23</sup>.



A hybrid solution (B) is a cloud computing service that combines on-premises and cloud resources. It may offer some benefits such as flexibility and cost optimization, but it would not meet the company's goal of requiring no infrastructure administration. The company would still need to manage and maintain the on-premises part of the solution.

An IaaS solution, or infrastructure as a service, is a

## Question 6

---

**Question Type:** MultipleChoice

---

Which of the following are advantages of a public cloud? (Select TWO).

### Options:

---

- A- Full control of hardware
- B- Reduced monthly costs
- C- Decreased network latency
- D- Pay as you use
- E- Availability of self-service

F- More secure data

### Answer:

---

B, D

### Explanation:

---

The correct answers are B and D.

B) Reduced monthly costs: One of the main advantages of public cloud is that it lowers the costs of IT infrastructure and maintenance for the customers. They do not need to purchase, install, or manage any hardware or software, and they only pay for the resources they use. This can result in significant savings compared to owning and operating a private cloud or an on-premise data center<sup>1234</sup>

D) Pay as you use: Another benefit of public cloud is that it offers a flexible and scalable pricing model based on the actual usage of the customers. They can adjust their resource consumption according to their changing needs and demands, and only pay for what they use. This eliminates the need for upfront capital investment or long-term contracts, and allows customers to optimize their spending and performance<sup>1234</sup>

## Question 7

---

Question Type: MultipleChoice

---

A cloud administrator is looking at the company's cloud services bill for the previous month. The administrator notices on the billing dashboard that certain resources are not being billed to any particular department. Which of the following actions will help correct this billing issue?

**Options:**

---

- A- Check the utilization of the resources.
- B- Modify the chargeback details of the consumer.
- C- Add the resources to the consumer monitoring group.
- D- Modify the tags for all the unmapped resources.

**Answer:**

---

D

**Explanation:**

---

Tags are metadata or labels that can be attached to cloud resources, such as VMs, storage, or networks. Tags can help organize, identify, and manage cloud resources, as well as track their usage and costs. Tags can also be used to implement chargeback or showback policies, which are methods of allocating the cloud services bill to different departments or consumers based on their consumption of resources .

A cloud administrator can modify the tags for all the unmapped resources to correct the billing issue. By adding or updating the tags with the relevant department or consumer name, the administrator can ensure that the resources are billed to the correct entity. The administrator can also use the tags to filter, sort, or group the resources on the billing dashboard, and generate reports or alerts based on the tags .

Checking the utilization of the resources may help identify the purpose or owner of the resources, but it will not help correct the billing issue. The administrator still needs to modify the tags for the resources to assign them to the appropriate department or consumer.

Modifying the chargeback details of the consumer may help adjust the billing rate or method for a specific consumer, but it will not help correct the billing issue. The administrator still needs to modify the tags for the resources to associate them with the consumer.

Adding the resources to the consumer monitoring group may help monitor the performance or availability of the resources for a specific consumer, but it will not help correct the billing issue. The administrator still needs to modify the tags for the resources to link them with the consumer.

**To Get Premium Files for CV0-003 Visit**

**<https://www.p2pexams.com/products/cv0-003>**

**For More Free Questions Visit**

**<https://www.p2pexams.com/comptia/pdf/cv0-003>**

