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## CompTIA Cloud Essentials

CompTIA CLO-001

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**QUESTION NO: 1**

Which of the following skills is LEAST important when considering moving to a public computing environment?

- A. Data integration
- B. Security
- C. Project management
- D. Hardware management

**ANSWER: D**

**QUESTION NO: 2**

Which of the following is a reason why an IT manager understanding business cost allocations would recommend implementing a cloud infrastructure? (Select TWO).

- A. The cloud can be used to increase revenue.
- B. The cloud can be used to help cut unnecessary spending on IT.
- C. The cloud can be used to increase system downtime.
- D. The cloud can be used to reduce payroll costs of IT staff
- E. The cloud can be used to increase customer base.

**ANSWER: B D**

**QUESTION NO: 3**

Which of the following is the BIGGEST advantage to using a cloud environment for application development?

- A. The flexibility of languages
- B. The decreased time to implement
- C. The ability to pilot legacy applications
- D. The accessibility of more storage capacity

**ANSWER: D**

**QUESTION NO: 4**

Which of the following capabilities **MUST** a vendor be able to fulfill in order to provide a successful IaaS solution? (Select TWO).

- A. Network maintenance
- B. Application development
- C. Web-based application maintenance
- D. Application configuration settings
- E. Physical security

**ANSWER: A E**

**QUESTION NO: 5**

Which of the following are the **MOST** important benefits of a cloud computing solution for an application development provider? (Select two.)

- A. Reduced training time for new developers
- B. Reduced storage requirements
- C. Reduced complexity for users
- D. Reduced bandwidth usage
- E. Reduced cost
- F. Reduced development timeframe

**ANSWER: E F**

**QUESTION NO: 6**

Which of the following characteristics of cloud services makes it an attractive choice for businesses? (Select TWO).

- A. LAN solution
- B. WAN solution
- C. Scalability

- D. Hardware independence
- E. Privacy

**ANSWER: C E**

#### QUESTION NO: 7

In order for an organization to have a successful cloud implementation, which of the following must be true?

- A. The organization must perform and successfully complete a cloud readiness assessment.
- B. The organization must have used virtualization technology in the past.
- C. The organization must have an unlimited budget for allocation of cloud resources.
- D. The organization must have an in-house IT department.

**ANSWER: A**

#### QUESTION NO: 8

Allowing a company to provision new virtual servers as they are needed is a characteristic of which of the following?

- A. Scalability
- B. Security
- C. Hardware independence
- D. Variable costs

**ANSWER: B**

#### QUESTION NO: 9

Why can cloud computing be a challenge in relation to compliance risks (e.g. compliance with the Sarbanes-Oxley Act)?

- A. It makes it harder to know where a company's important assets are.
- B. It is harder to limit the provider's liability in the contract.
- C. It makes it harder to know where a company's physical assets are.

D. Industry regulations change more frequently to ensure compliance.

**ANSWER: A**

#### QUESTION NO: 10

Which of the following are the common elements of platform as a service and software as a service? (Select two.)

- A. Both allow the OS to be patched by the customer.
- B. Both take advantage of the incremental scalability.
- C. Both require the customer to maintain the hardware.
- D. Both provide granular access to the backend storage.
- E. Both implement hardware abstraction.

**ANSWER: B D**

#### QUESTION NO: 11

How can an organization successfully implement a SaaS strategy?

- A. Manage the risks associated with bringing in external providers
- B. Continuously execute performance analytics to monitor providers
- C. Open up internal databases with Web service access for easier access
- D. Standardize on a limited set of virtual machines to increase security

**ANSWER: A**

#### QUESTION NO: 12

Which of the following is the MOST significant difference between SaaS and IaaS?

- A. IaaS can test network configurations.
- B. SaaS is accessible anywhere.
- C. SaaS is used for only public clouds.

D. IaaS can be secured and encrypted.

**ANSWER: A**

**QUESTION NO: 13**

Cloud computing relies heavily on which of the following virtualization characteristics?

(Select two.)

- A. User federation
- B. Hardware independence
- C. Simplistic setup
- D. Scalable resources
- E. Information sharing

**ANSWER: B D**

**QUESTION NO: 14**

Which of the following is the BEST environment in which to deploy into cloud?

- A. Production
- B. Development
- C. Quality Assurance
- D. Staging

**ANSWER: D**

**QUESTION NO: 15**

A retail company has decided to move its inventory software to the cloud. The company is concerned about maintaining PCI compliance for credit card data and does not want to have this data compromised. Which of the following can the company do to BEST help mitigate security concerns? (Select TWO).

- A. Work with the cloud vendor to encrypt data
- B. Manually enter credit card numbers into the software
- C. Recycle all paperwork containing full credit card numbers
- D. Perform regular onsite backups of the data
- E. Perform quarterly audits with a third party

**ANSWER: B D**