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QUESTION 1

Which of the following is a limitation of the SaaS cloud model?

- A. Users cannot choose the global location where their data will be stored
- B. It does not support integration with pre-existing identity engines.
- C. It does not scale to allow additional users.
- D. Users do not have full control over the software version and roadmap of the cloud solution.

Correct Answer: D

Explanation: One of the limitations of the SaaS cloud model is that users do not have full control over the software version and roadmap of the cloud solution. This means that users have to rely on the vendor to provide updates, patches, bug fixes, and new features for the software, and they may not be able to choose when or how to implement them. Users may also face compatibility issues with other applications or services if the vendor changes the software without prior notice or consultation. Users may also have limited or no access to the underlying code or configuration of the software, which may restrict their ability to customize or optimize the software for their specific needs. References: Cloud Essentials+ CLO-002 Study Guide, Chapter 1: Cloud Principles and Design, Section 1.2: Compare and contrast cloud service models, p. 23. SaaS vs PaaS vs IaaS: What's The Difference and How To Choose, SaaS Limitations and Concerns. What Is SaaS Advantages and Disadvantages | Cloud Computing | CompTIA, Disadvantages of SaaS.

QUESTION 2

A company with a variable number of employees would make good use of the cloud model because of:

- A. multifactor authentication
- B. self-service
- C. subscription services
- D. collaboration

Correct Answer: C

Explanation: A company with a variable number of employees would make good use of the cloud model because of subscription services. Subscription services are a type of cloud pricing model that allows customers to pay a fixed fee for a certain amount of cloud resources or services for a specific period of time, such as monthly or annually. Subscription services can offer benefits such as predictable costs, scalability, flexibility, and reduced upfront investment. A company with a variable number of employees can use subscription services to adjust the cloud resources or services according to the changing demand and size of the workforce, without wasting money on unused capacity or paying extra fees for exceeding the limit. Subscription services can also enable the company to access the latest cloud technologies and features without having to purchase or maintain them. The other options are not the best reasons for a company with a variable number of employees to use the cloud model. Multifactor authentication is a security method that requires users to provide two or more pieces of evidence to verify their identity, such as a password, a code, or a biometric factor. Multifactor authentication can enhance the security of the cloud services, but it is not related to the number of employees. Self-service is a cloud characteristic that allows users to provision, manage, and terminate cloud resources or services on demand, without requiring the intervention of the cloud provider or the IT department. Self-service can improve the efficiency and agility of the cloud services, but it is not related to the number of employees. Collaboration is a cloud benefit that enables users to work together on projects, documents, or tasks using cloud-based

tools and platforms, such as online file sharing, video conferencing, or project management. Collaboration can increase the productivity and innovation of the cloud services, but it is not related to the number of employees. References: CompTIA Cloud Essentials+ Certification Study Guide, Second Edition (LO-002), Chapter 1: Cloud Principles and Design, Section 1.2: Cloud Computing Concepts, p. 26-27.

QUESTION 3

Which of the following BEST describes how a cloud provider helps a company with security risk responses?

- A. Acceptance
- B. Mitigation
- C. Avoidance
- D. Transference

Correct Answer: D

Explanation: Transference is the best description of how a cloud provider helps a company with security risk responses. Transference means shifting the responsibility or liability for the risk to another party, such as an insurance company or a cloud service provider (CSP). By using a CSP, the company can transfer some of the security risks to the provider, who has more expertise and resources to manage them. However, the company still retains the ownership and accountability for the data and applications hosted in the cloud, and must ensure that the CSP meets the agreed-upon service level agreements (SLAs) and security standards. The company cannot transfer all the security risks to the CSP, as some risks are inherent to the cloud environment, such as data breaches, misconfigurations, or compliance violations¹². References: CompTIA Cloud Essentials+ CLO-002 Study Guide, Chapter 4: Cloud Risk Management, Section 4.3: Risk Treatment Options, p. 164-1651 Cyber Risk Transfer: Can you transfer your cyber / privacy risk ... 2

QUESTION 4

A company wants to analyze the results of an email marketing campaign. The company identified different information sources it can use in combination with its current databases. It also contacted the CSP to use its solutions to ingest, transform, and process the information. Which of the following is the company implementing?

- A. Blockchain
- B. Big Data
- C. Social media
- D. IoT

Correct Answer: B

Explanation: Big data is a term that describes the large and diverse datasets that are generated from various sources at high speed and require advanced analytics techniques to process and extract value from them. Big data can help organizations gain insights, uncover patterns, and make informed decisions¹² The company is implementing big data because it is using different information sources in combination with its current databases, which implies that the data is large in volume and variety. The company is also using the CSP's solutions to ingest, transform, and process the information, which implies that the data is high in velocity and requires specialized tools and frameworks to handle it. The company is using big data analytics to analyze the results of its email marketing campaign, which can help it understand the effectiveness, impact, and return on investment of its marketing strategy³⁴ Blockchain is not the correct

answer, because blockchain is a technology that enables the creation and management of distributed, decentralized, and immutable ledgers of transactions. Blockchain can help organizations improve transparency, security, and trust in their business processes, but it is not related to the analysis of email marketing campaign results. Social media is not the correct answer, because social media is a platform that enables the creation and sharing of content and information among users. Social media can help organizations communicate, engage, and interact with their customers, but it is not the main focus of the analysis of email marketing campaign results. Social media can be one of the information sources for big data, but it is not the same as big data. IoT is not the correct answer, because IoT is a concept that refers to the network of physical devices, sensors, and machines that are connected to the internet and can collect and exchange data. IoT can help organizations improve efficiency, productivity, and innovation, but it is not related to the analysis of email marketing campaign results. IoT can be one of the information sources for big data, but it is not the same as big data. References: 1: <https://www.comptia.org/training/books/cloud-essentials-clo-002-studyguide>, page 36 2: <https://cloud.google.com/learn/what-is-big-data> 3: <https://www.comptia.org/training/books/cloud-essentials-clo-002-study-guide>, page 48 4: <https://www.ibm.com/cloud/blog/how-to-estimate-cloud-costs-a-pricing-crash-course> : <https://www.comptia.org/training/books/cloud-essentials-clo-002-study-guide>, page 40 : <https://www.comptia.org/training/books/cloud-essentials-clo-002-study-guide>, page 38 : <https://www.comptia.org/training/books/cloud-essentials-clo-002-study-guide>, page 39

QUESTION 5

A systems administrator is reviewing a disaster recovery option that requires little to no downtime in the event of a natural disaster.

Which of the following BEST meets this requirement?

- A. Configure availability zones.
- B. Configure high availability.
- C. Configure geo-redundancy.
- D. Configure auto-scaling.

Correct Answer: C

Explanation: Geo-redundancy is the process of replicating data to a distant region from the original cloud storage. This safeguards data from regional disaster or outages and ensures that the data is always accessible and available. Geo-redundancy is one of the disaster recovery options that requires little to no downtime in the event of a natural disaster. References: CompTIA Cloud Essentials+ (CLO-002) Study Guide, Chapter 3: Cloud Business Principles, Section 3.4: Disaster Recovery, page 7612; Cloud Storage Requirements- What You Need to Know - CompTIA3