

## EMC E20-920 Exam

### Volume: 108 Questions

#### Question: 1

Chargeback models are being evaluated by a healthcare provider. Their requirements are:

- Simple to measure
- Operational costs to be amortized over a defined period
- Operational costs to be divided between all service consumers

Which chargeback model satisfies these requirements?

- A. Subscription-by time
- B. Pre-Pay
- C. Fixed-cost
- D. Pay-as-you-grow

Answer: A

#### Question: 2

The principles of Autonomy, Abstraction, Discoverability, Composability, and Reusability are all principles of what?

- A. Application profiling
- B. Service characteristics
- C. Delivery models
- D. Service inventory

Answer: B

#### Question: 3

An organization has been providing web services within their private cloud. The web services, deployed through a service catalog, depend on a database resource in the private cloud.

The organization decided to make these web services availability globally by using a public cloud provider. However, once of the web services were deployed into the public cloud, users started complaining about poor performance.

Which solution would most likely improve performance of the web services.

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- A. Balance the load globally across multiple instances of the database
- B. Re-architect the web-service to be deployed as a month coupled
- C. Re-architect the web-service to be loosely coupled with the database
- D. Balance the load globally across multiple instances of the web service.

Answer: D

Question: 4

An organization is deploying services in a private cloud. Consumers are calling IT because they are seeing performance issues within the deployed services. How should IT troubleshoot and identify these performance issues?

- A. Cloud administrator uses the monitoring tools
- B. Service manager uses the monitoring tools
- C. Cloud architect uses the metering tools
- D. Cloud administrator uses the metering tools

Answer: B

Question: 5

An organization wishes to more efficiently produce services by adopting a DevOps culture. What transformation must occur to support this adoption?

- A. Implement a daily review meeting across departments
- B. Unify management from various departments
- C. Unify processes and methods from various departments
- D. Co-locate staff from various departments

Answer: C

Question: 6

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What is an example of an overall governance principle for deploying cloud services?

- A. Increase IT staff skillsets
- B. Accommodate all workloads
- C. Reduce IT operating costs
- D. Reduce custom services

Answer: C

Question: 7

You are designing a cloud services architecture for a company. You have determined that running some of the customer facing applications the company uses in a public cloud would save a significant amount of money but the security department wants to retain control of customer data at rest. The application infrastructure consists of two database servers and eight web servers.

How can you architect the application to minimize the risk involved with data exposure?

- A. Host the application servers in the public cloud and host the databases in the private cloud.
- B. Scale the application horizontally by utilizing a hybrid cloud where the application and database are mirrored a public cloud.
- C. Cluster four of the application servers and one database server in the public cloud and the remaining servers in the private cloud.
- D. Host the application servers and database servers in the public cloud and set up RBAC to restrict access to the applications

Answer: C

Question: 8

An IT organization in a technology company is in the process of adopting cloud services in an ITaaS model. They are seeking to reduce their operating costs while delivering business aligned services. What is the most effective way to do so?

- A. Implementing automation in delivery of services
- B. Increasing utilization by encouraging multi-tenancy

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- C. Implementing a service catalog and enabling self-service
- D. Aligning IT staff with lines of business to ensure agreement with business objectives

Answer: A

Question: 9

A healthcare company decides to adopt cloud computing to offer new products and services to their customers. What should be their biggest concern when it comes to storing and handling patient data from a governance perspective?

- A. Following industry rules and regulations
- B. Threats are mitigated by risk management
- C. All policies are followed in decision making
- D. prevention of unauthorized access and security breaches

Answer: D

Question: 10

An IT organization for a medium sized grocery retailer is considering adopting ITaaS. As a first step, they performed an inventory of all existing IT capabilities to determine the ones that could be offered as stand-alone services to their lines of business through a service catalog. As a cloud architect on the IT team, what would you recommend?

- A. Patch Management
- B. Authentication
- C. Network
- D. Storage

Answer: A

Question: 11

What is characteristic of the IT-as-a-Service phase of IT transformation?

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- A. Automation
- B. Chargeback
- C. Service level management
- D. Shared resource pools

Answer: A

Question: 12

In a hypothetical future scenario, a small toy company wants to create a few small gifts for employees who have performed well throughout the year. The gifts will be different every year and will change color depending on the stock price and social media sentiment of the company. The company wants to manufacture these gifts in-house.

What emerging 3rd Platform technologies enable the desired capabilities?

- A. Big data analytics, Internet of Things, and sensor networks
- B. Sensor networks, big data analytics, and augmented humans
- C. Internet Of Things, sensor networks, and maker machines
- D. Internet of Things, maker machines, and big data analytics

Answer: C

Question: 13

An IT department is using a number of tools to automate the expansion and contraction of the cloud resource pools. Which cloud feature are they implementing?

- A. Elasticity
- B. Monitoring
- C. Trust zones
- D. Chargeback

Answer: A