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Exam : C2030-284

Title Foundations of IBM Cloud
Computing Architecture V4

Version : DEMO

1.How does elastic scalability benefit users of cloud computing applications?

- A. It is a tool for improving capacity planning and optimizing upfront investments
- B. The cost of resources is incurred only when they are used and for as long as (or how much) they are used.
- C. It reduces the cost of applications in the cloud because it relies only on a virtualized infrastructure which is cheaper than a physical infrastructure.
- D. It allows for the incremental development of new application features in the cloud, which makes the applications more affordable to manage and operate.

Answer: C

Explanation:

<http://www.appneta.com/blog/virtualization-vs-cloud-computing-faq/>

2.Which statement is true regarding a private cloud?

- A. It is owned and operated for use by a single company that controls the virtualized resources and automated services.
- B. It is provided by a distributed set of machines that are running at different locations while still connected to a single network.
- C. Private cloud service providers own and operate the infrastructure at their data center and usually offer access only via the Internet.
- D. It is composed of two or more clouds that remain distinct entities but are bound together and offer the benefits of multiple deployment models.

Answer: A

Explanation:

<http://www.ibm.com/cloud-computing/us/en/what-is-cloud-computing.html>

3.What is required to implementthe Efficiency principle of the IBM Cloud Computing ReferenceArchitecture V4?

- A. A very high degree of standardization to enable high degrees of automation.
- B. Hosting of the cloud management platform and the cloud services in green data centers.
- C. A shortest path strategy for optimal cloud service placement in multi-site cloud environments
- D. Optimization of the cloud service response times and computing resources allocated by the services.

Answer: D

4.What can be done to make maximum use of the cloud computing interoperability principle?

- A. Use standard protocols.
- B. Use hardware and software of a single vendor.
- C. Use the integration between OpenStack and CloudStack.
- D. Employ multiple system integrators to build a private cloud.

Answer: A

Explanation:

Standards ensure interoperability.

5.A company wants to use cloud services in the future. What needs to be done first?

- A. Use cloud migration services to move their production workload into a managed cloud.

- B. Ask the IT department to work out a plan to reduce capital expenses using cloud services.
- C. Analyze existing business processes and determine which of them can be realized using cloud services.
- D. Ask the IT department to order multiple virtual machines from different cloud service providers and test them for performance.

Answer: C

Explanation:

<http://www-03.ibm.com/certify/tests/objC2030-283.shtml>