

Vendor: IBM

**Exam Code:**C2030-280

**Exam Name:**IBM Cloud Computing Infrastructure

**Architect V1** 

Version: Demo

#### **QUESTION 1**

A construction company has outsourced its IT operations (storage, hardware, servers, networking components, etc.) to a service provider. The service provider owns this equipment and is responsible for running and maintaining it. The construction company pays the service provider on a per-use basis.

What type of cloud service is the construction company using?

- A. Platform as a Service
- B. Software as a Service
- C. Infrastructure as a Service
- D. Business Process as a Service

Correct Answer: C

#### **QUESTION 2**

What is a critical and uniquecomponent during the design and planning process for a cloud service?

- A. IT Service availability
- B. Business Service availability
- C. IT Infrastructure/Component availability
- D. IT Service and Infrastructure/Component availability

Correct Answer: B

# **QUESTION 3**

What are two IT infrastructure architecture principles that must be followed when designing a cloud network infrastructure? (Choose two.)

- A. Wide area networks should be excluded to ensure system isolation.
- B. Always construct networks with three tiers to ensure routing capability.
- C. Design to accommodate shared networks with differentiated service levels.
- D. Networks must scale without adding complexity or sacrificing performance.
- E. Network intrusion detection should always beexternal to the cloud infrastructure.

Correct Answer: CD

# **QUESTION 4**

When designing for the protection of data stored in the cloud, including the deployment of firewallconfigurations, which two conditions must be included? (Choose two.)

A. deny access from untrusted sources or applications

B. map network interfaces and firewall locations for customer distribution

C. detect back-level personal firewall software on customer desktops and laptops

D. prohibit direct access from external interfaces into the restricted network zones

E. install personal firewall software on all active servers within the cloud infrastructure

Correct Answer: AD

#### **QUESTION 5**

What is WebSphere Application Server HypervisorEdition?

A. It is a hypervisor optimized for running WebSphere software.

B. It is a tool for managing virtual machines containing WebSphere Application Server instances.

C. It is a virtual image that contains a complete middleware software stackoptimized to run on hypervisors.

D. It is a cloud management tool that allows a company to build, deploy, and manage middleware environments in a cloud.

Correct Answer: C

#### **QUESTION 6**

Which cloud service model(s) are supported by the IBM Cloud Computing Management Platform Reference Architecture?1) Software as a Service (SaaS)2) Platform as a Service (PaaS)3) Infrastructure as a Service (IaaS)4) Business Process as a Service (BPaaS)

A. 3

B. 2 and 3

C. 1, 2, and 3

D. 1, 2, 3, and 4

Correct Answer: D

# **QUESTION 7**

What are two key IBM cloud workload definitions? (Choose two.)

- A. security
- B. virtualization
- C. collaboration
- D. business process
- E. infrastructure compute

Correct Answer: CE

#### **QUESTION 8**

Cloud Infrastructure security design should include which safeguarding principle against physical access?

- A. fingerprinting
- B. body scanners
- C. metal detectors
- D. closed circuittelevision

Correct Answer: D

# **QUESTION 9**

A company\\'s business model relies on continually delivering new versions of their end-user applications to the marketplace.

Which characteristic of the cloud computing service delivery model should improve thecompany\\'s ability to deliver these newer version applications?

- A. service elasticity
- B. self-service access
- C. usage-based billing
- D. rapid service provisioning

Correct Answer: C

Security in the network is enhanced by including which two services in the cloud infrastructure? (Choose two.)

- A. intrusion prevention services
- B. intelligent switch hardware that is self-healing
- C. virtual network isolation to secure multi-tenant domains
- D. auditing of file and file system ownership and permissions
- E. DHCP with short term leases to make tracking IP addresses more difficult

Correct Answer: AC

#### **QUESTION 11**

What is a designconsideration for loosely coupled systems?

- A. auto-scaling
- B. using queues
- C. bootstrapping
- D. inter process communication

Correct Answer: B

#### **QUESTION 12**

What are the two main categories of management services required for delivering and managing cloud services? (Choose two.)

- A. Business Support Services
- B. Business Process Services
- C. Operational Support Services
- D. Sensor Management Services
- E. Information Analytics Services

Correct Answer: AC

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