

Certified for  technology	Exam 284 – Foundations of IBM Cloud Computing Architecture V4
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1. Virtualization belongs in which management scope of cloud computing?

- A. Pattern as a Service (PaaS)
- B. Software as a Service (SaaS)
- C. Database as a Service (DBaaS)
- D. Infrastructure as a Service (IaaS)

2. How does dynamic infrastructure support the creation of multi-tenant environments?

- A. It quickly allocates resources across environments where they are needed more.
- B. It reduces the cost of operating a data center so that more budget resources can be allocated to develop advanced services.
- C. It facilitates the sharing of resources across applications belonging to different organizations so they can easily communicate with each other.
- D. It allows for compute resources, storage, and networking to be defined through fully programmable and controllable software which facilitates workload isolation.

3. Returning computing resources back to their respective resource pools is known as what?

- A. Check In
- B. Deallocation
- C. Power Cycle
- D. Deprovisioning

4. Which statement is true regarding a hybrid cloud?

- A. It is owned and operated by the customer.
- B. It employs cloud bursting for scaling across clouds.
- C. It is based on the provision of functions to individuals.
- D. Communication is affected over a non-trusted network.

5. What is the core function of a Platform as a Service solution?

- A. service orchestration
- B. managing applications
- C. provisioning infrastructure
- D. streamlining development of operations practices

6. Which statement is true regarding Software as a Service (SaaS)?

- A. Cloud SaaS providers generally price applications using a subscription fee and manage the infrastructure and platforms that run the applications.
- B. Cloud SaaS providers offer computers (physical or virtual machines) and the ability to scale

services up and down according to customers' varying requirements.

C. Cloud SaaS providers deliver a computing platform, typically including: an operating system, a programming language execution environment, a database, and a web server.

D. Cloud SaaS providers provide a cloud-based environment with everything required to support the complete lifecycle of building and delivering web-based (cloud) applications.

7. Which cloud service uses the pricing model for applications that is typically a monthly or yearly flat fee per user, so the price is scalable and adjustable if users are added or removed at any point?

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

8. As a cloud service provider following ITIL processes, what are two considerations for incident management in a cloud environment?

- A. Incidents are always caused by a defect of the cloud management software.
- B. The objective of incident resolution is to provide a permanent, sustainable solution.
- C. Automation can be used to respond to incidents and restart or isolate failed resources.
- D. Incidents have to be linked to the configuration items of the infrastructure and the virtual machines hosted on this infrastructure.
- E. Interruption to the operation of a cloud service has only to be reported as an incident when there is an impact for the cloud service consumer.

9. What is the role of the cloud service provider?

- A. To interact with the cloud management platform and request all types of cloud services.
- B. To provide all types of cloud services and manage the cloud management platform that delivers the cloud services.
- C. To create product descriptions and configurations, assemble the cloud service offering, and define pricing and promotions.
- D. To develop the business and technical aspects of the cloud services and package the applications and definitions for deployment.

10. The Cloud Service Provider as defined in the IBM Cloud Enabled Data Center manages which two functions?

- A. network virtualization
- B. incident management
- C. deployment of patterns
- D. managing business data
- E. development of the cloud service offerings

11. Migrating workloads from traditional environments to a cloud requires knowledge of which aspect of the workload?

- A. cost
- B. composition
- C. user connections

D. firewall restrictions

12. What does governance of cloud service offerings allow cloud service providers to do?

- A. To create service offerings without controls for consumer usage.
- B. To create service offerings where consumers can set their own policies.
- C. To set human governance policies and define the access to employee services.
- D. To set business / machine governance policies and define the policies in rules to be monitored and/or audited.

13. Which IBM cloud offering offers complete governance, administration and management control, along with Service Level Agreements to align specific business and usage requirements?

- A. IBM SoftLayer
- B. IBM Cloud Orchestrator
- C. IBM Service Management
- D. IBM Cloud Managed Services

14. What can help resolve the enterprises data layer need immediately?

- A. Purchase IBM DB2 solutions from an IBM Business Partner.
- B. Use IBM InfoSphere Stream to filter only useful data in the IBM Warehouse database.
- C. Build a reusable Database as a Service (DBaaS) pattern that can be implemented across the enterprise.
- D. Use a DBaaS option such as IBM Cloudant built on IBM SoftLayer.

15. What is the ideal storage for storage-intensive applications with high I/O needs such as operating systems, database software, and application software?

- A. iSCSI
- B. object storage
- C. local disk storage
- D. network attached storage

16. What is a typical example for a complex orchestration workflow?

- A. Validation of a user's security using a LDAP server.
- B. Provisioning of a test environment with approval and notification service.
- C. Assignment of the network configuration to a provisioned virtual machine.
- D. Manual migration of a set of virtual images between two different hypervisor types.

Answer Key:

1. D
2. D
3. D
4. B
5. B
6. A
7. B
8. CD
9. B
10. AC
11. B
12. D
13. D
14. D
15. C
16. B