

IBM

Exam A2030-283

Foundations of IBM Cloud Computing Architecture V3

Version: 6.0

[Total Questions: 93]

Question No : 1

Which costing model is leveraged to provide cost efficiency in the public cloud computing model?

- A. Capital Expenditure
- B. Investment Expenditure
- C. Operational Expenditure
- D. Reserve Capital Expenditure

Answer: C

Question No : 2

What are two essential characteristics of a cloud computing model? (Choose two.)

- A. Rapid elasticity
- B. Measured service
- C. Integrated security
- D. Single tenant model only
- E. Dedicated vendor relationships

Answer: A,B

Question No : 3

What is a benefit of standardization for cloud consumers or users?

- A. services language is better understood
- B. services are obtained faster and cheaper
- C. standard offerings do not require approval
- D. it helps lower the costs for cloud service providers

Answer: B

Question No : 4

Which cloud computing feature is different when compared to traditional data center infrastructures?

- A. Ordering, installing, and configuring physical resources
- B. Manually decommissioning physical resources when demand on the workload is reduced
- C. Dynamic scaling of computing infrastructure available to a workload based upon measured demand
- D. Alerting system administrators to taken an action as the measured demand on the workload changes

Answer: C

Question No : 5

On-premise and off-premise clouds are formed by which type of connection?

- A. Local Area Network (LAN)
- B. Wide Area Network (WAN)
- C. Virtual Private Network (VPN)
- D. Virtual Local Area Network (VLAN)

Answer: B

Question No : 6

How does virtualization create a more agile and responsive cloud computing infrastructure?

- A. Automated workflows embedded in cloud computing infrastructures respond more quickly to requests.
- B. A self-service portal and service catalog enables cloud consumers to provision resources without human interaction.
- C. Applications running in a cloud computing infrastructure can be accessed on demand across the Internet by Web browsers.
- D. The supply of virtualized server, storage, and network resources can be dynamically provisioned, moved, or deprovisioned as demand changes.

Answer: D

Question No : 7

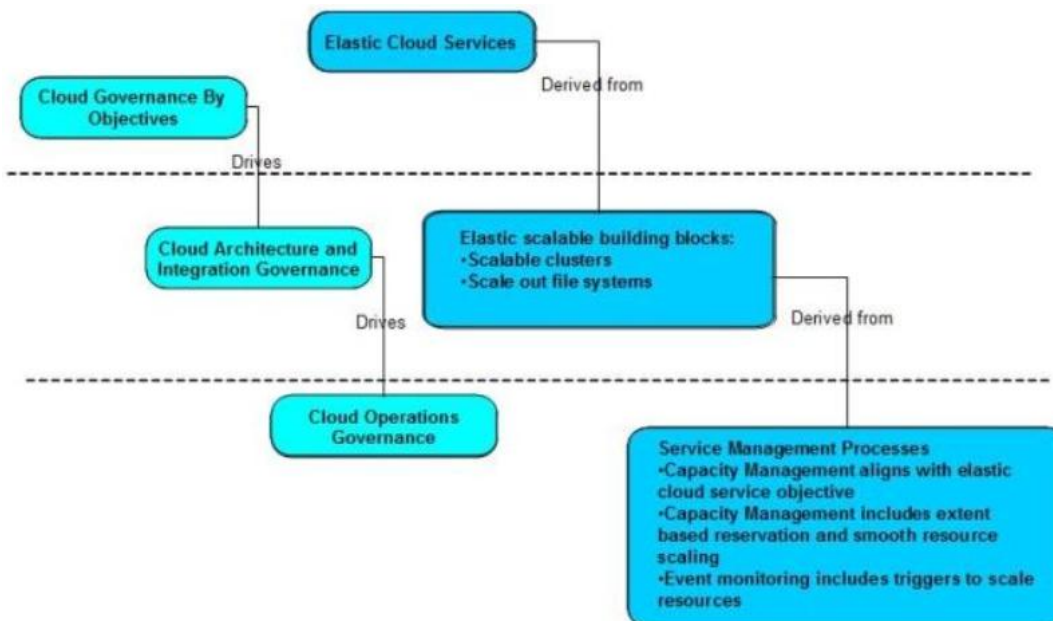
Which capability is related to the discovery, selection, and subscription of external third-party services?

- A. Service catalog capability
- B. Partner management interfaces
- C. Storefront cloud services interface
- D. IT asset discovery and dependency management

Answer: C

Question No : 8

Click the Exhibit button.



If the Cloud Governance Model included Highly Available Cloud Service in the Cloud Governance by Objective layer (top), which three options would be included in the Cloud Operations Governance layer (bottom)? (Choose three.)

- A. The cloud service must include a disaster recovery plan.
- B. The cloud service must include automation to restart a failed virtual machine.
- C. The cloud service must have enough spare nodes to meet expected demand.
- D. The cloud service network infrastructure must not have any single points of failure.
- E. The top 10 vital cloud consumer business applications running in the cloud service must

be available 99.99% 24x7.

F. The cloud service must include a change management process that thoroughly tests changes before including them in the production environment.

Answer: A,B,F

Question No : 9

Which capability must be in place in order for a failed VM to automatically be replaced and users avoid disruptions in service?

- A. VM optimization
- B. Solid state drives
- C. Dynamic dashboard
- D. Availability management

Answer: D

Question No : 10

A hybrid cloud consists of which cloud types?

- A. public and private
- B. public and shared
- C. public and storage
- D. public and non-cloud

Answer: A

Question No : 11

What is a routine compilation of the procedures and operations which the administrator or operator of the system carries out?

- A. runbook
- B. Workflow
- C. Provisioning

D. Service catalog

Answer: A

Question No : 12

Which statement is true about non-functional requirements?

- A. They are dictated by vendor hardware and software.
- B. They include extensibility and security requirements.
- C. They are predominately concerned with choosing the right hardware.
- D. They do not include business requirements only technical requirements.

Answer: B

Question No : 13

Where is the private cloud deployed?

- A. Internally behind the enterprise's security firewall, on-premise only
- B. Externally outside of the enterprise's security firewall, on-premise only
- C. Externally outside of the enterprise's security firewall, off-premise only
- D. Internally behind the enterprise's security firewall, on-premise or off-premise

Answer: D

Question No : 14

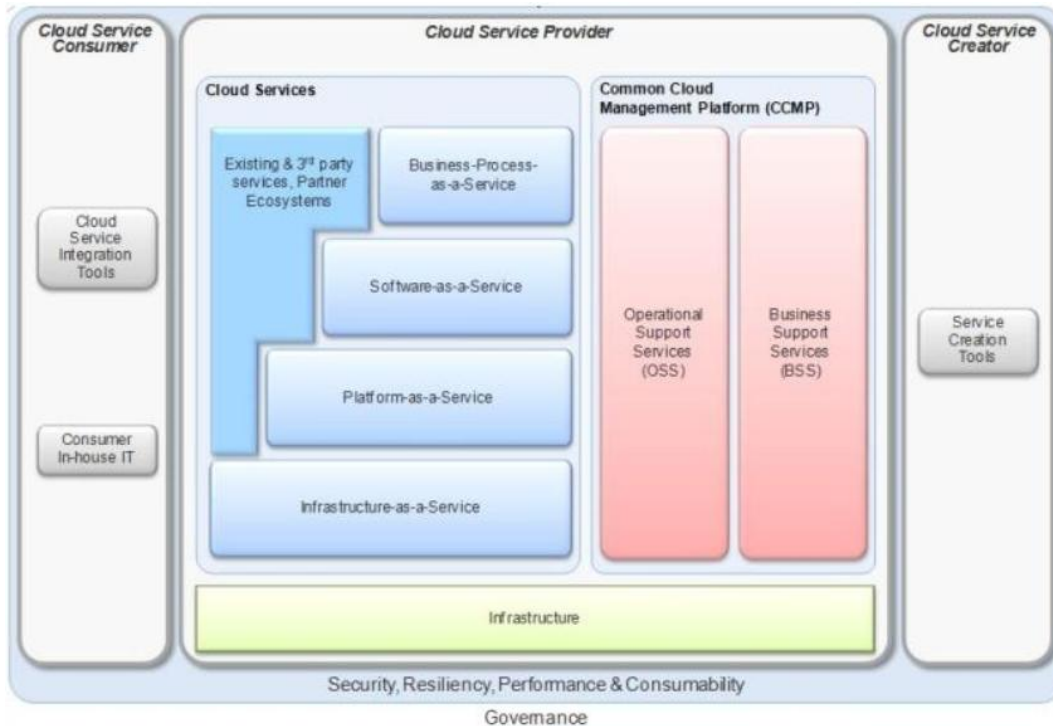
What has reduced administrative tasks in computer provisioning by 90% for some processes for adopters of cloud computing?

- A. High computing speed
- B. Greater availability of grid computers
- C. High capability of automation software
- D. Greater availability of software and agile hardware

Answer: C

Question No : 15

Click the Exhibit Button.



The Cloud Service Creator is a core role in the Cloud Computing Architecture who develops the technical and business aspects of a cloud service. What are two tasks in Cloud Service Creator's day to day job? (Choose two.)

- A. Request and use cloud resources.
- B. Provide initial service definitions for what is offered for sale.
- C. Manage the capacity and performance of the cloud computing technical environment to ensure service levels can be met.
- D. Design, implement, and run the cloud computing technical environment including the Cloud Computing Management Platform.
- E. Review monitoring reports from a running cloud service in order to make adjustments to the relevant components or higher-level cloud services as required.
- F. Design, develop, and maintain the integration between cloud and non-cloud environments (example: on-premise IT environment with off-premise cloud entities).

Answer: B,E