



**Vendor:** IBM

**Exam Code:** C2030-283

**Exam Name:** Foundations of IBM Cloud Computing  
Architecture V3

**Version:** DEMO

### QUESTION 1

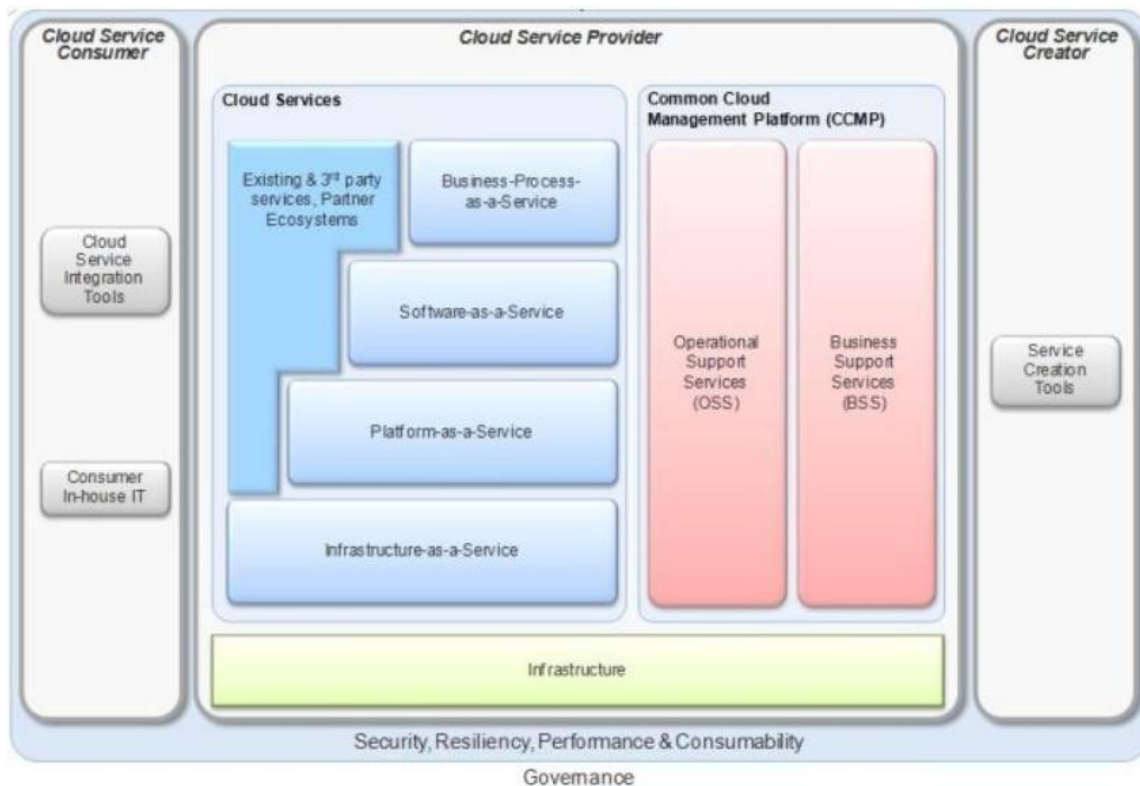
What has reduced administrative tasks in computer provisioning by 90% for some processes for adopters of cloud computing?

- 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 2

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:** BE

**QUESTION 3**

Which statement describes automation in the context of service management in the cloud?

- A. Automation does not include complex business process orchestration.
- B. Automation includes only those components physically residing in the cloud management platform.
- C. Automation includes data center processes from element run-books to broad provisioning and compliance scenarios.
- D. Automation in the cloud simply reuses existing automation processes without requiring any analysis or re-engineering.

**Answer:** C

**QUESTION 4**

Which statement describes economies of scale as it relates to IBM's Cloud Computing Reference Architecture V3 design principle?

- A. Leverage a homogeneous hypervisor in order to reduce operational and capital expenses.
- B. Ensure workloads are executed across no less than ten computer nodes for improved resiliency.
- C. Ensure cloud infrastructure is sized at least four times greater than the initial expected workload.
- D. Reuse management components by sharing a common management platform to deliver cloud services.

**Answer:** D

**QUESTION 5**

The Chief Marketing Officer of a global retailing company wants to use customer input to gain further insight into the revenue impact of marketing and sales campaigns. The Chief Information Officer is requesting a transformation project to enrich the company's system of record customer relationship management application by integrating it with a new system of engagement application.

What should be recommended?

- A. Create a spreadsheet report of each salesclerk's monthly commission
- B. Start a campaign on social media to solicit feedback from the company's followers
- C. Deploy tablet computers to each store manager so that sales can be tracked in real time
- D. Use near real time analytics on data generated from the company's website and social media networks about the company and its products

**Answer:** D

**QUESTION 6**

Which component of a cloud computing solution can assist in automating IT processes?

- A. Service catalog
- B. Workflow engine
- C. Self-service portal
- D. Virtualization platform manager

**Answer: B**

**QUESTION 7**

Which component is needed to integrate a private cloud with a public cloud like IBM SmartCloud Enterprise or Amazon EC2?

- A. IBM SmartCloud Entry
- B. IBM WebSphere Cast Iron
- C. IBM WebSphere Message Broker
- D. IBM WebSphere Integration Developer

**Answer: B**

**QUESTION 8**

What is the benefit of using a service catalog in a cloud implementation?

- A. To reduce the cost of providing IT services
- B. To promote the use of internal IT resources
- C. To publicize IT services available to everyone
- D. To enforce a standard process for ordering and delivering IT services

**Answer: D**

**QUESTION 9**

Given the context of the IBM Cloud Computing Reference Architecture V3, what architectural consideration is true regarding workload migration into a private cloud?

- A. It is critical to prioritize and then migrate every existing workload to the new cloud infrastructure.
- B. Workloads with fewer dependencies are good candidates to migrate to a cloud-based infrastructure.
- C. Highly transactional workloads are good candidates to migrate to a private cloud to leverage faster disks.
- D. Workloads with fewer manual processes involved in delivery are better candidates for migration to a cloud-based infrastructure.

**Answer: B**

**QUESTION 10**

Which option best demonstrates a use case for block storage?

- A. Backup
- B. Video streaming
- C. Transactional applications
- D. Archive and disaster recovery

**Answer: C**

**QUESTION 11**

Given the context of the IBM Cloud Computing Reference Architecture V3, which IBM solution allows rapid integration to existing Platform as a Service workloads?

- A. IBM WebSphere Cast Iron
- B. IBM Tivoli Directory Integrator
- C. IBM Tivoli Workload Scheduler
- D. IBM WebSphere Message Broker

**Answer:** A

**QUESTION 12**

Which cloud adoption pattern provides a security solution for separating data by customer in a multi-customer environment?

- A. Platform as a Service
- B. Software as a Service
- C. Cloud Service Provider
- D. Cloud Enabled Data Center

**Answer:** C

**QUESTION 13**

When comparing cloud data centers to traditional data centers, which statement is most true?

- A. There are no differences between cloud data centers and traditional data centers.
- B. Disaster recovery plans are mandatory for cloud data centers but optional for traditional data centers.
- C. Traditional data centers do not utilize charge back methods for their usage, while cloud data centers do use charge back.
- D. Traditional data centers typically host applications on dedicated servers, while applications in a cloud data center typically run on shared resources in a virtualized environment.

**Answer:** D

**QUESTION 14**

In which delivery model does the cloud provider generally have full control over all aspects of the physical resources including administrative control over the virtualization platforms?

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

**Answer:** C

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