

# **IBM**

## **Exam C5050-287**

### **Foundations of IBM Cloud Reference Architecture V5**

**Verson: Demo**

**[ Total Questions: 10 ]**

**Question No : 1**

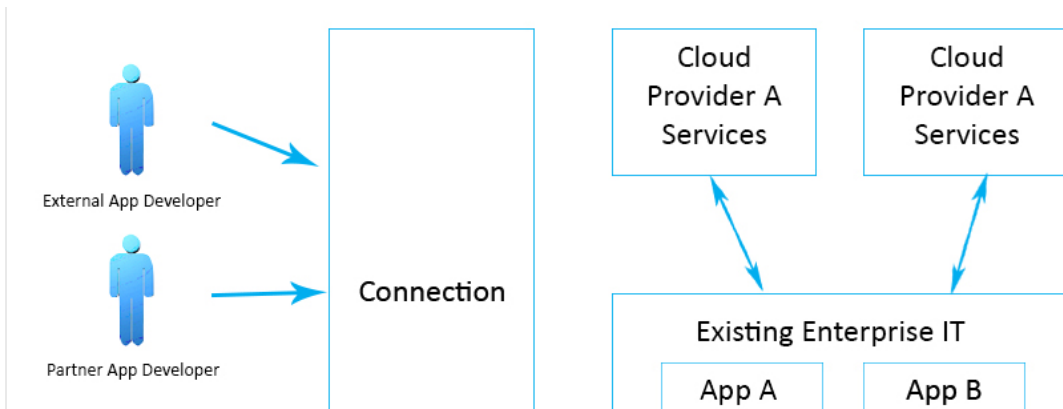
Which two statements describe architectural principles of the Representational State transfer (REST) protocol? (Select 2)

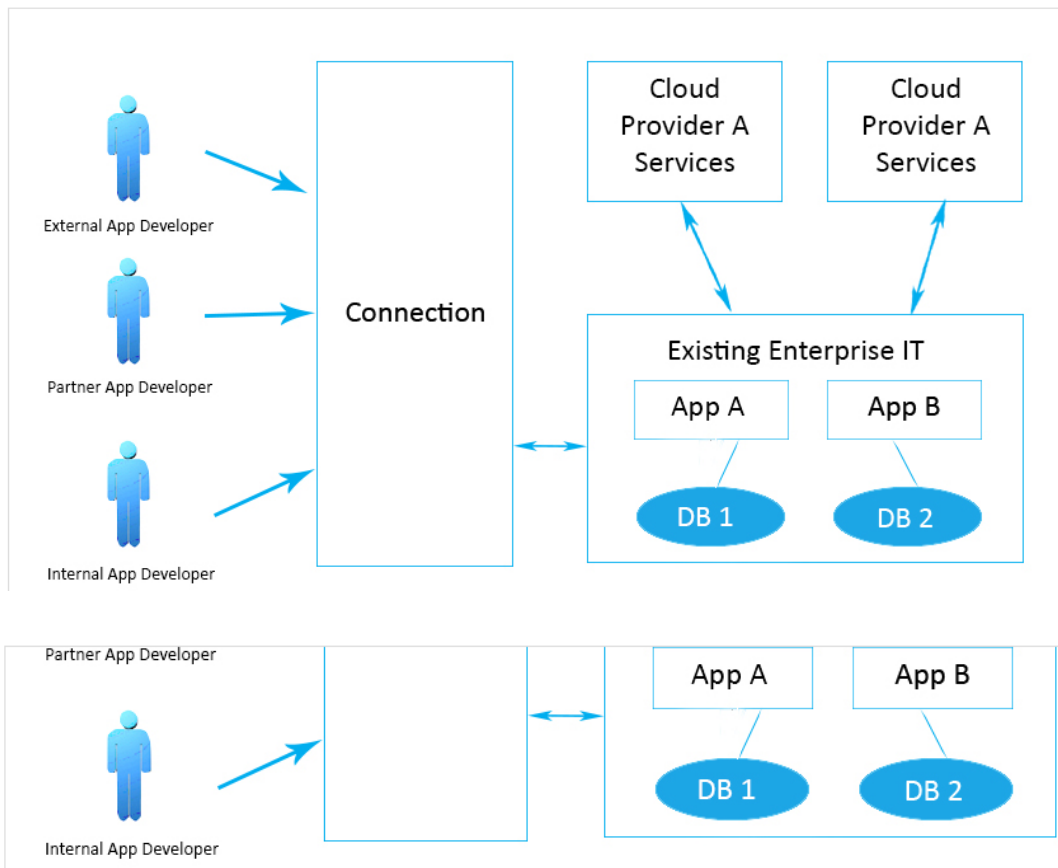
- A. A REST API can use UDP for transport.
- B. State can be maintained on the Client.
- C. Resources are identified by a Uniform Resource Identifier
- D. OAUTH can be used to secure the message transport layer and State can be maintained by third-party service.
- E. State can be maintained by third-party service.

**Answer: B,C**

**Question No : 2**

Based upon the diagram, which capability or capabilities should be provided by the Connection layer to allow developers to take advantage of the functionality offered by App A and APP B?





- A. secure connectivity to database DB1 and DB2
- B. API Discovery and Assembly
- C. Monitoring and debug of Node js apps
- D. network connectivity to enterprise IT

Answer: A

**Question No : 3**

Which IBM capability is used to control and manage traffic and SLAs in a hybrid cloud environment?

- A. IBM DataPower Gateway
- B. IBM CastIron
- C. IBM StrongLoop CD
- D. IBM API Management

Answer: A

**Question No : 4**

What is the purpose of a self-service catalog?

- A. it gathers the application requirements describing what needs to be created by the development team
- B. it serves as the interface to automated service fulfillment using a cloud management platform.
- C. It is a specifically tailored for standard configurations that do not need to scale
- D. it enables requesting custom services in order to ensure the ownership of the hardware and software is assigned appropriately.

**Answer: B**

**Question No : 5**

Jacob is creating a repository for long-term storage of large amounts of sensitive data. He has the choice of several different approaches. He needs to ensure that his data is protected (he may be storing PII or other sensitive information) and that there is no residual recoverable data when he deletes his data. What is the most compelling from a security point of view?

- A. IBM Cloud Object Storage
- B. SoftLayer Object Store (Swift)
- C. BlueMix Dedicated Object Store
- D. BlueBox Block Storage (Cinder)

**Answer: C**

**Question No : 6**

What is the OpenStack cloud pattern technology?

- A. Havana
- B. HOT
- C. Nova
- D. Neutron

**Answer: A**

**Question No : 7**

What is the principal reason that continuous testing is necessary in the agile world?

- A. So that multiply teams can get better utilization out of testing environments
- B. To bridge the gap between slow and fast speed IT development
- C. It supports the large volume and high frequency of changes driven by cloud native development approaches
- D. To ensure application interoperability across public cloud providers.

**Answer: B**

**Question No : 8**

Which statement is true about Software Defined Network (SDN)?

- A. SDN are security standards that increase environment performance
- B. SDN provides a breakdown, by time, of the quantity and distribution of the unbind transactions found within the audit log.
- C. SDN disables group conflict resolution if the environment is configured for replication.
- D. SDN decouples the network control and forwarding layer functions

**Answer: D**

**Question No : 9**

Which IBM Cloud Reference Architecture adoption pattern is most suitable for a company

that has not Implemented any cloud technology and wants to slowly start migrating their existing IT environment Into a private cloud?

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

**Answer: A**

**Question No : 10**

What are microservices?

- A. APIs that exploit Docker containers and are deployed as Platform as a Service
- B. APIs designed with intimate details of the underlying infrastructure
- C. Discrete building blocks for cloud native applications that abstract the service implementation
- D. SOA-type services wrapped around legacy systems.

**Answer: C**

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