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Question 1

Question Type: MultipleChoice

Which statement is true regarding serverless computing?

Options:

- A-** Users are charged a low hourly rate during idle time for the serverless computing service
- B-** Implementations differ across service providers, and capabilities vary, including supported runtimes, authentication, scaling and monitoring
- C-** Serverless application are generally long-running (days or weeks) and maintain state or information across requests
- D-** Serverless is not well-suited for event processing or IOT

Answer:

B

Explanation:

Serverless computing is a cloud computing execution model that provisions computing resources on demand and offloads all responsibility for common infrastructure management tasks. They are auto-scalable so its can handle extremely active traffic periods.

Serverless computing does-not means there are no physical servers utilized, Of course there are servers, but we don't have to manage them, in background cloud provider manage(provisioning, scheduling, scaling, patching and more) for us, This gives developers more time to develop and optimize their front-end application code and business logic. And with serverless, customers never pay for idle capacity. They pay only for the resources required to run their applications, and only when those applications are running. Serverless is a polyglot environment, enabling developers to code in any language or framework - Java, Python, node.js - with which they're comfortable. Because serverless scales up and down on demand in response to workload, it offers significant cost savings for spiky workloads. But it does not offer the same savings for workloads characterized by predictable, steady or long-running processes; in these cases a traditional server environment might be simpler and more cost-effective. Serverless Implementations differ across service providers, and capabilities vary, including supported runtimes, authentication, scaling and monitoring. Serverless architectures are well-suited for event-driven, IOT and stream-processing workloads most notably open source Apache Kafka event streaming platform. Benefits: - Pay only for the time for our code will run. - Developer don't have to take care of servers or infrastructure, Its maintain by cloud provider, so they can focus more in development and business logic. - API Management & Integrated event sources. - Serverless scales up and down on demand in response to workload

Question 2

Question Type: MultipleChoice

Which IBM Cloud account type has discounted pricing?

Options:

- A- Pay-As-You-Go
- B- Subscription
- C- Lite
- D- Free

Answer:

B

Question 3

Question Type: MultipleChoice

What is an advantage an enterprise would realize from using VPC?

Options:

- A- IBM manages virtual machine operating systems in VPC
- B- Logical isolation from other public cloud tenants, creating a private, secure place on the public cloud

C- VPC's automatically connect with VPC's hosted by other cloud providers

D- No egress charges for data leaving IBM Cloud VPC

Answer:

B

Question 4

Question Type: MultipleChoice

What does IBM Cloud Monitoring provides?

Options:

A- A Log collection and analysis for compliance

B- Operational visibility into the performance and health of applications, services and platforms

C- Security management and system operation utility

D- A tool that allows management of operation costs

Answer:

B

Question 5

Question Type: MultipleChoice

Cloudant is based on which Apache project?

Options:

A- Derby

B- Maven

C- CouchDB

D- Lucene

Answer:

C

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