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Question 1

Question Type: MultipleChoice

Which service connects a virtual private cloud to IBM services on a private network?

Options:

- A- Transient endpoints
- B- Service endpoints
- C- Virtual private endpoints
- D- Elastic endpoints

Answer:

C

Explanation:

Correct Answer : IBM Cloud Virtual Private Endpoints (VPE) for VPC enables you to connect to supported IBM Cloud services from your VPC network by using the IP addresses of your choosing, allocated from a subnet within your VPC. In-Correct Answer : Service endpoints: Use service endpoints to securely connect to IBM Cloud services over the IBM Cloud private network. Traffic to and from

service endpoints are subject to ACL and security group rules. Note : Similar to service endpoints, VPE for VPC provides private connectivity to IBM services, but within the VPC network of your choosing.

Question 2

Question Type: MultipleChoice

What makes it possible to run multiple virtual machine on a bare metal server?

Options:

- A- Virtualization
- B- Disk
- C- Course
- D- Memory

Answer:

A

Explanation:

Virtualization makes it possible to create multiple virtual machines, each with their own operating system (OS) and applications, on a single physical machine. A VM cannot interact directly with a physical computer.

Question 3

Question Type: MultipleChoice

What is a component of a virtual private cloud on IBM Cloud?

Options:

- A-** Public gateway
- B-** Access keys
- C-** Objects

Answer:

A

Explanation:

A VPC is a public cloud offering that lets an enterprise establish its own private cloud-like computing environment on shared public cloud infrastructure. You can subdivide a VPC with subnets, where each subnet can reach the public internet through an optional public gateway. You can assign an FIP to any instance to reach it from the internet, or the other way around. This is independent of whether the subnet is attached to a public gateway. Subnets within IBM Cloud VPC offer private connectivity; they can talk to each other over a private link, through the implicit router. Setting up routes isn't necessary.

Question 4

Question Type: MultipleChoice

What is the IBM Cloud Hyper Protect DBaaS for MongoDB?

Options:

- A-** A LinuxONE-powered cloud database solution for enterprise workloads with sensitive data
- B-** A LinuxONE-powered cloud database solution for enterprise workloads with default data

- C-** A LinuxONE-powered on-premise database solution for enterprise workloads with sensitive data
- D-** A LinuxONE-powered on-premise database solution for enterprise workloads with default data

Answer:

A

Explanation:

IBM Cloud Hyper Protect DBaaS for MongoDB is a LinuxONE-powered cloud database solution for enterprise workloads with sensitive data. Hyper Protect DBaaS for MongoDB currently contains MongoDB Enterprise Advanced Edition 4.4. This leading-edge solution offers a highly secure database environment for enterprise workloads with sensitive data. With IBM Cloud Hyper Protect DBaaS, you can provision, manage, maintain and monitor multiple database types like MongoDB and PostgreSQL through standardized APIs. Hyper Protect DBaaS is built on LinuxONE technology which provides built-in data encryption along with excellent vertical scalability and performance. It helps protect against threats of data breaches and data manipulation by privileged users and provides a high level of data confidentiality for data owners.

Question 5

Question Type: MultipleChoice

Which applications can be used on any cloud platform and rely on microservices and continuous integration and continuous delivery (CI/CD)?

Options:

- A- Cloud Enabled
- B- Cloud Ready
- C- Cloud Base
- D- Cloud Native

Answer:

D

Question 6

Question Type: MultipleChoice

Which DevOps Service provides insight into how applications are performing and consuming resources?

Options:

- A- IBM Cloud Foundry Enterprise Environment
- B- IBM Log Analysis with LogDNA (Global)
- C- IBM Cloud Monitoring (Global)
- D- IBM Tivoli Cloud Monitor

Answer:

B

Question 7

Question Type: MultipleChoice

What is the default quota limit for the number of subnets that can be created within a VPC?

Options:

- A- 25

B- 15

C- 64

D- 12

Answer:

C

Explanation:

Subnets are the foundational building blocks used to deploy cloud resources in your public cloud VPC. They are bound to a single zone and cannot span multiple zones or regions, which helps with security, reduces latency, and improves availability. Create multiple VPCs and subnets easily by using the suggested prefix ranges and preconfigured network security policies or design and define your own address prefixes and custom security policies. CIDR blocks 161.26/16 and 166.8/14 are both reserved and routed into every subnet. Read about our service endpoints available for IBM Cloud VPC. The default quota limit for the number of subnets that can be created within a VPC is 15.

Question 8

Question Type: MultipleChoice

What characteristic is NOT enabled in a system by a Cloud-native architecture?

Options:

- A- Resiliency
- B- Management
- C- Tightly coupled components

Answer:

C

Explanation:

Cloud-native applications are designed to run on a cloud-based infrastructure. A cloud-native application takes advantage of cloud computing models to increase speed, flexibility, and quality and to reduce deployment risks. Typically, cloud-native applications are developed as loosely coupled microservices that run in containers that are managed by platforms.

Question 9

Question Type: MultipleChoice

Which statement best describes the Analytics Engine service?

Options:

- A- Controls and monitors database activity
- B- Deploys and develops applications using Apache Spark and Apache Hadoop
- C- Provides end-to-end visualization to applications
- D- Performs real-time analysis on data in motion

Answer:

B

Explanation:

Analytics Engine service develop and deploy analytics applications using open source Apache Spark and Apache Hadoop. Customize the cluster using your own analytics libraries and open source packages. Integrate with IBM Watson Studio or third-party applications to submit jobs to the cluster. HIPAA readiness option available in the Dallas region for Standard-Hourly and Standard-Monthly plans.

Question 10

Question Type: MultipleChoice

Which statement best describes Watson Assistant?

Options:

- A- Converts written text into natural-sounding audio
- B- Delivers specific answers to questions while serving up an entire document for exploration
- C- Uses linguist analysis to identify tones and detect social propensities
- D- Builds conversational interfaces into any application device or channel

Answer:

D

Explanation:

IBM Watson Assistant is an AI-powered virtual agent that provides customers with fast, consistent, and accurate answers across any messaging platform, application, device, or channel. Using AI and natural language processing, Watson Assistant learns from customer conversations, improving its ability to resolve issues the first time while removing the frustration of long wait times, tedious searches, and unhelpful chatbots. With Watson Assistant, you can build conversational interfaces into any application, device, or channel. Most virtual

assistants try to mimic human interactions, but Watson Assistant knows when to search for an answer from a knowledge base, when to ask for clarity, and when to direct someone to a human. Like a human personal assistant, the assistant you build helps your customers perform tasks and answer questions.

Question 11

Question Type: MultipleChoice

Which IBM CloudDevOps services is a set of tools and templates that automate developing and deploying applications?

Options:

- A- DevOps Toolchain
- B- Continuous Delivery Service
- C- Delivery Pipeline
- D- Continuous Testing

Answer:

A

Explanation:

The DevOps toolchain tools build, deploy, and manage apps that make development and operations repeatable and easier to manage. A continuous delivery service is required before an IBM Cloud Toolchain can be executed. Toolchains are a set of tools that are used to automate the process of building, deploying, and manage applications. You can create toolchains from a variety of sources including other IBM Cloud services, third-party software, and open-source tools.

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