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Question 1

Question Type: MultipleChoice

Automation testing which checks that the application is not broken whenever new commits are integrated into the main branch; prevents significant drift, competing changes, and merge conflicts known as?

Options:

- A- Continuous Integration
- B- Continuous Delivery
- C- Continuous Deployment
- D- Continuous Testing

Answer:

A

Explanation:

Continuous Integration checks that the application is not broken whenever new commits are integrated into the main branch; prevents significant drift, competing changes, and merge conflicts.

Question 2

Question Type: MultipleChoice

Select the answer that correctly completes the sentence. ____ is a suite of tools and collaborative environment for data scientists, developers, and domain experts.

Options:

- A- IBM Watson Studio
- B- IBM Watson Machine Learning
- C- IBM Watson Knowledge Catalog
- D- IBM Watson Open Scale

Answer:

A

Explanation:

IBM Watson Studio is a suite of tools and collaborative environment for data scientists, developers, and domain experts.

Question 3

Question Type: MultipleChoice

Select the answer that correctly completes the sentence. ___provides API creation and management with security-rich features and centralized governance.

Options:

- A- IBM API Connect
- B- IBM App Connect
- C- IBM Event Stream
- D- IBM MQ

Answer:

A

Explanation:

Correct Answer : IBM API Connect Service provides API creation and management with security-rich features and centralized governance. You can use IBM API Connect for IBM Cloud to quickly create APIs for microservices based on Node.js and Java runtimes. When APIs are hosted on API Connect: Consumers can locate, understand, learn, and experiment with the APIs they need before committing to use them. They can also self-subscribe to them using revocable keys. Providers can hide the exact locations of API implementations, enable version-based routing, and throttle inbound requests to the API on a per-consumer basis. These capabilities are helpful while packaging data for partners. Consumers and providers can track use and response times, which allows them to tie resource use to their business model. In-Correct Answers IBM Event Streams for IBM Cloud is a high-throughput message bus built with Apache Kafka and was previously known as Message Hub. In Event Streams, applications send data by creating a message and sending it to a topic. It uses availability support from IBM Kubernetes services to maintain high availability and resilience. Integration is available with IBM Cloud services as well as Watson Internet of Things (IoT). Key Features Fully Managed: Built on Apache Kafka, IBM Cloud Event Streams is a fully managed service. Intuitive UX: Deploy your Event Streams in minutes using the benefits of IBM Design Thinking. Event-Driven: Use integrations with IBM Cloud services like Watson IoT platform, IBM Streaming Analytics, and IBM Cloud Functions to easily create your event-driven architecture. IBM App Connect is a powerful all-in-one tool for easily connecting apps, integrating data, building APIs, and acting on events. App Connect can connect any endpoint, map your data, and move data fast. With IBM App Connect, you can reliably access and combine data assets across all your enterprise applications, databases, and systems and expose them as APIs. You can connect to any application or endpoint, from the latest SaaS apps to mainframe systems. IBM App Connect allows you to connect applications together using a common platform. It enables you to build automation triggers between applications and automate workflows and integrate data using the included 75+ connectors and 50+ templates. Key Features Intuitive Development Tools: Easily create APIs, thoroughly test them, then share them with others both inside and outside your organization. Easy Yet Powerful Security: Use pre-defined security policies to protect your API or customize your own. Lifecycle Management: Manage the entire lifecycle of your APIs for your internal team, external consumers, and third parties. Customizable Developer Portal: Share your APIs with other developers using the built-in fully-customizable portal. The portal includes the ability to communicate with API consumers using a variety of modalities including blogs, forums, and messaging. IBM MQ on Cloud provides enterprise-grade

messaging capabilities to allow the flow of information between different applications. This service is fully managed so you can focus on integrating MQ applications rather than upgrades and patches. Key Features Deduplication: Messages are delivered without duplicates. Connectivity: Connectivity issues are handled by MQ. Encryption: End-to-end data encryption is used to ensure the security of your data. [Exam Tips] Remember following points: If you need to create, secure, and manage APIs use API Connect If you need to connect, copy, and sync application data across platforms use APP Connect If you need to deliver reliable, secure messaging, either on-premises or over the cloud use MQ If you need to build adaptive smart apps that react to events as soon as they happen use IBM Event Streams

Question 4

Question Type: MultipleChoice

What are two use cases for Internet of Things devices? (Choose two.)

Options:

- A- Manufacturing Supply Chain
- B- Predictive Maintenance
- C- Asset Tracking
- D- Financial Services Reconciliation

Answer:

B, C

Explanation:

IBM API Connect Service provides API creation and management with security-rich features and centralized governance. You can use IBM API Connect for IBM Cloud to quickly create APIs for microservices based on Node.js and Java runtimes. When APIs are hosted on API Connect: Consumers can locate, understand, learn, and experiment with the APIs they need before committing to use them. They can also self-subscribe to them using revocable keys. Providers can hide the exact locations of API implementations, enable version-based routing, and throttle inbound requests to the API on a per-consumer basis. These capabilities are helpful while packaging data for partners. Consumers and providers can track use and response times, which allows them to tie resource use to their business model. In-Correct Answers IBM Event Streams for IBM Cloud is a high-throughput message bus built with Apache Kafka and was previously known as Message Hub. In Event Streams, applications send data by creating a message and sending it to a topic. It uses availability support from IBM Kubernetes services to maintain high availability and resilience. Integration is available with IBM Cloud services as well as Watson Internet of Things (IoT). Key Features Fully Managed: Built on Apache Kafka, IBM Cloud Event Streams is a fully managed service. Intuitive UX: Deploy your Event Streams in minutes using the benefits of IBM Design Thinking. Event-Driven: Use integrations with IBM Cloud services like Watson IoT platform, IBM Streaming Analytics, and IBM Cloud Functions to easily create your event-driven architecture. IBM App Connect is a powerful all-in-one tool for easily connecting apps, integrating data, building APIs, and acting on events. App Connect can connect any endpoint, map your data, and move data fast. With IBM App Connect, you can reliably access and combine data assets across all your enterprise applications, databases, and systems and expose them as APIs. You can connect to any application or endpoint, from the latest SaaS apps to mainframe systems. IBM App Connect allows you to connect applications together using a common platform. It enables you to build automation triggers between applications and automate

workflows and integrate data using the included 75+ connectors and 50+ templates. Key Features Intuitive Development Tools: Easily create APIs, thoroughly test them, then share them with others both inside and outside your organization. Easy Yet Powerful Security: Use pre-defined security policies to protect your API or customize your own. Lifecycle Management: Manage the entire lifecycle of your APIs for your internal team, external consumers, and third parties. Customizable Developer Portal: Share your APIs with other developers using the built-in fully-customizable portal. The portal includes the ability to communicate with API consumers using a variety of modalities including blogs, forums, and messaging. IBM MQ on Cloud provides enterprise-grade messaging capabilities to allow the flow of information between different applications. This service is fully managed so you can focus on integrating MQ applications rather than upgrades and patches. Key Features Deduplication: Messages are delivered without duplicates. Connectivity: Connectivity issues are handled by MQ. Encryption: End-to-end data encryption is used to ensure the security of your data. [Exam Tips] Remember following points: If you need to create, secure, and manage APIs use API Connect If you need to connect, copy, and sync application data across platforms use APP Connect If you need to deliver reliable, secure messaging, either on-premises or over the cloud use MQ If you need to build adaptive smart apps that react to events as soon as they happen use IBM Event Streams

Question 5

Question Type: MultipleChoice

Which part of a cloud implementation is the infrastructure layer most commonly referred to as?

Options:

- A- Software defined resources
- B- Virtual resources
- C- Containerized resources
- D- Physical resources

Answer:

D

Question 6

Question Type: MultipleChoice

What are the key tenets of a hybrid cloud?

Options:

- A- Interoperability, scalability, and portability
- B- On-demand self-service, controlled zone network access, and measured service

C- Usable, collaborative, and extensible

D- Logging, auditing, and network isolation

Answer:

A

Explanation:

Hybrid cloud is simply the combination of public and private cloud environments working together to run your applications or workloads. Key tenets of all hybrid clouds: interoperability, scalability, portability, and security.

Question 7

Question Type: MultipleChoice

What is the maximum IOPS supported for file storage on IBM Cloud Virtual Servers and Bare Metal Servers?

Options:

- A- 84k IOPS
- B- 100k IOPS
- C- 10k IOPS
- D- 48k IOPS

Answer:

D

Explanation:

Corrected Answers : 48k IOPS

Question 8

Question Type: MultipleChoice

What are the choices for worker nodes in IBM Kubernetes Service?

Options:

- A- Shared virtual server, dedicated virtual server, and Bare Metal servers
- B- Hourly server, reserved server, and transient server
- C- Transient virtual server, reserved bare metal server, and private virtual server
- D- Intel server, power server, z server

Answer:

A

Explanation:

IBM Cloud Kubernetes Service is a certified Kubernetes provider that enables customers to create their own Kubernetes cluster of compute hosts to deploy and manage their containerized apps.

Question 9

Question Type: MultipleChoice

What are cloud native application designed to be?

Options:

- A-** Platform Agnostic
- B-** J2SE Compliant
- C-** SOA Compliant
- D-** Security Agnostic

Answer:

A

Explanation:

Cloud native is an architectural style where the application is typically one that is designed to run on a specific platform. In many cases, these applications can also be moved around to different cloud platforms --- so they are also cloud agnostic.

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