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Vendor:IBM

Exam Code:C1000-109

Exam Name:IBM Cloud Professional Developer v4

Version:Demo

QUESTION 1

A developer wants to build a mobile-based CRUD microservice backed by a IBM Cloud Databases for PostgreSQL and wants to test the microservice on IBM Cloud. Which tool can best satisfy this requirement?

- A. Mobile First Platform
- B. DataPower that runs as a container
- C. API Connect Toolkit
- D. IBM Developer Portal

Correct Answer: B

QUESTION 2

What is the function of a NodePort in IBM Cloud Kubernetes Service?

- A. Exposes the Service on a cluster internal IP
- B. Exposes the Service using IBM Cloud load balancer solution
- C. Exposes the Service using Kubernetes proxy between the external computer and the cluster
- D. Exposes the Service on each Worker Node's IP Address at a static port

Correct Answer: D

QUESTION 3

Which two of the following types of entities can be added to an Access Group when using IBM Cloud Identity and Access Management?

- A. Users
- B. Service IDs
- C. Policies
- D. Roles
- E. API keys

Correct Answer: BE

QUESTION 4

IBM Cloud Activity Tracker with LogDNA events can be used to perform which action?

- A. Monitor Application logs
- B. Check Pod usage
- C. Check the criticality of an action
- D. Monitor Network traffic

Correct Answer: D

QUESTION 5

Why is separation of duty essential for cloud native application development?

- A. To ensure protection from malicious attacker
- B. To ensure users only have the access to the resources to perform their job
- C. To ensure that each microservice only performs one essential task
- D. To ensure protection from vulnerabilities

Correct Answer: A

QUESTION 6

A developer working on Red Hat OpenShift on IBM Cloud is tasked to monitor further application metrics using IBM Cloud Monitoring with Sysdig for the application in container called: my-java-app. How should the developer configure the Sysdig agent?

- A. Edit the existing DaemonSet sysdig-agent with the following spec:

```
app:
  - container.image: my-java-app
metrics_filter:
  - include: metricA.*
```

- B. Create a new ConfigMap sysdig-agent including the following data:

```
app:
  - container.image: my-java-app
metrics_filter:
  - include: metric.my-java-app.*
```

- C. Edit the existing ConfigMap sysdig-agent by adding the following data:

```
# Include or exclude conditions
container_filter:
  - include:
      container.image: appdomain/my-app-image
  - include:
      container.name: my-java-app
```

- D. Create a new DaemonSet including the following spec:

```
k8s_cluster_name: cluster
collector: ingest.us-south.monitoring.cloud.ibm.com
collector_port: 6443
ssl: true
ssl_verify_certificate: true
sysdig_capture_enabled: false
new_k8s: true
tags: type:mycluster,region:us-south
- include:
    container.image: appdomain/my-app-image
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 7

An enterprise in the auto manufacturing industry manages applications that run across multiple data centers, network zones, and scattered environments. The server Admin team is looking to have a single dashboard to seamlessly and consistently deploy applications running across multiple clouds and manage it all through that single dashboard. Which IBM Cloud Pak is recommended for this requirement?

- A. Cloud Pak for Data
- B. Cloud Pak Multicloud Manager
- C. Cloud Pak for Watson
- D. Cloud Pak for Applications

Correct Answer: D

QUESTION 8

Which of the following databases supports both relational and non-relational data types?

- A. IBM Cloud Databases for MongoDB
- B. IBM Cloud Databases for etcd
- C. IBM Cloudant
- D. IBM Cloud Databases for PostgreSQL

Correct Answer: B

QUESTION 9

To govern unstructured data sources in IBM Cloud Pak for Data, which system must be integrated with IBM Cloud Pak for Data?

- A. IBM Guardium
- B. IBM InfoSphere Information Server
- C. IBM StoredIQ
- D. IBM Cognos Analytics

Correct Answer: A

QUESTION 10

The IBM Cloud Kubernetes Service cluster autoscaler is available for standard clusters that are set up with which of the following networks?

- A. VPN

- B. Public
- C. Hybrid
- D. Private

Correct Answer: B

QUESTION 11

Which approach is used by devices when authenticating to the Watson IoT Platform HTTP Messaging API?

- A. OAuth
- B. Identity and Access Management
- C. API Key
- D. Basic authentication

Correct Answer: B

QUESTION 12

How can a developer change the Redis Configuration using the Cloud Database API?

- A. Send the settings as a JSON object in the request body of a POST request
- B. Send the settings as a JSON object in the request body of a PATCH request
- C. Send the settings as a Name-value pair in the request body of a PATCH request
- D. Send the settings as a Name-value pair in the request body of an UPDATE request

Correct Answer: A