

# Practice Exam Questions

The IBM logo, consisting of the letters 'IBM' in a blue, horizontally-striped font.

Professional  
Certification

A stylized ECG (heart rate) line in teal, starting with a vertical spike and then a horizontal line. Below the horizontal line, the alphanumeric code 'C1000-087' is written in a teal, sans-serif font.

## IBM Certified Solution Architect Cloud Pak for Applications



**EXAMAIDES**

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**Total Question: 60 QAs**

Question No: 1

What Kubernetes resource tracks the overall progress of a task that runs to completion?

- A. Pod status monitor
- B. Container observer
- C. Job
- D. ReplicaSet

Answer: C

Question No: 2

In the OpenShift Container Platform, the etcd store<sup>1</sup> saves what type of information?

- A. System configuration and state
- B. Keys and certificates
- C. Hostname entries
- D. Persistent Volume (PV)

Answer: D

Question No: 3

What are two key characteristics of a Cloud Native application?

- A. The application components are packaged together and scaled as a unit
- B. Built in a single layer that typically includes a user interface, database, and server-side application
- C. Isolated from server and operating system dependencies
- D. Possess automated capabilities
- E. Deployed as a single file or a collection of files rooted at the same directory

Answer: C,E

Question No: 4

How can UrbanCode Deploy be integrated with other Continuous Integration/Continuous Deployment tools like Jenkins and Github?

- A. UrbanCode Deploy needs to install an agent inside the Cloud Provider
- B. An OpenShift Operator must be written and installed in the Cluster
- C. UrbanCode Deploy requires an Eclipse plug-in to be created for each integration
- D. Most integrations with UrbanCode Deploy are accomplished by using plug-ins

Answer: C

Question No: 5

Which two are benefits of using Cloud Pak for Applications?

- A. Help operations team to get visibility across multiple clusters
- B. Cloud Pak for Applications speeds development of applications built for Kubernetes to access cloud services
- C. Cloud Pak for Applications monitors running application for container mutations
- D. Develop innovative cloud-native applications using a variety of IBM and Red Hat runtimes
- E. Cloud Pak for Applications provides ability to provision an install of event streams

Answer: A,D

Question No: 6

What is one potential anti-pattern for microservices?

- A. Dividing an application up into entities and aggregates, rather than keeping them together
- B. Refactoring an application slowly over time, rather than doing it all at once
- C. Relying on discovery mechanisms to deal with the transient nature of service instances
- D. Making too many microservices and making them too small

Answer: A

Question No: 7

Which IBM Cloud Pak for Applications component is used to quickly evaluate Java EE applications and messaging infrastructure to accelerate deployment to private or public cloud?

- A. IBM Application Navigator
- B. IBM Cloud Transformation Advisor
- C. IBM Accelerators for Teams
- D. IBM Mobile Foundation

Answer: B

Question No: 8

Which is one best practice when creating container images?

- A. Limit the container to running a single process
- B. Never reuse images
- C. Set high resource requests so that containers are not starved for resources
- D. Define long-running processes as workloads managed by Knative

Answer: C

Question No: 9

When using Transformation Advisor to collect application server data for evaluation, what should the Transformation Advisor Data Collector be run against?

- A. Non-production environment only
- B. Any environment
- C. Production environment only
- D. Both production and non-production environments

Answer: B

Question No: 10

For large and dense clusters, what can cause etcd to have poor performance?

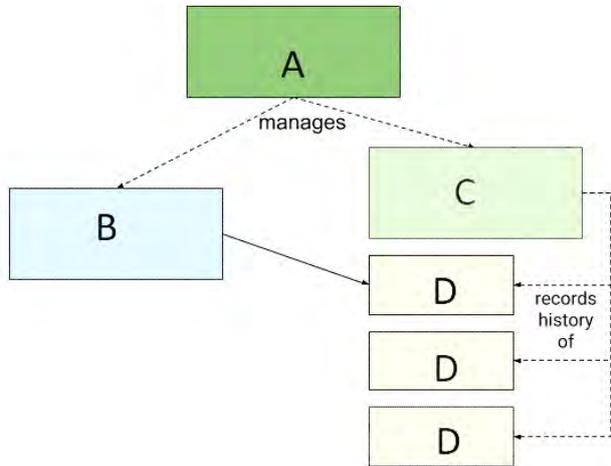
- A. The keyspace grows excessively large and exceeds the space quota allocated for the etcd database
- B. The maxPod per node value is not set during installation
- C. The master node is resized in a running OpenShift cluster
- D. The pool of IP addresses is exhausted

Answer: A

Question No: 11

Knative Serving defines a set of objects as Kubernetes Custom Resource Definitions (CRDs). These objects are used to define and control how a serverless workload behaves on the cluster.

Which combination of knative resources fits to the diagram?



A. A = Configuration, B = Service, C = Revision, D = Route

B. A = Revision, B = Route, C = Service, D = Configuration

C. A = Route, B = Service, C = Configuration, D = Revision

D. A = Service, B = Route, C = Configuration, D = Revision

Answer: D

Question No: 12

What practice allows deploying microservices on OpenShift by applying agile practices through automation and improving efficiency on Cloud Pak for Applications?

A. Cloud native application development

B. Agile architecture

C. Application program management

D. DevOps

Answer: A

Question No: 13

What integrated WebSphere Application Server (WAS) administrator console tool is included in Cloud Pak for Applications that enables analysis of application and provides a report of issues, warnings, and best practices for moving them to WebSphere Liberty?

A. Binary Scanner

B. Liberty Readiness Analysis

C. Transformation Advisor

D. WAS Migration Toolkit

Answer: C

Question No: 14

What are two principles for developing cloud-native applications?

- A. WebSphere Low Level Entity
- B. Maven single package
- C. Image immutability
- D. JavaScript module
- E. Single concern

Answer: C,E

Question No: 15

What is the correct sequence of steps when using the IBM Cloud Pak for Applications application stack to create, locally execute, and deploy a cloud-native application?

**Unordered Options**

- init
- run
- repo add
- git push

**Ordered Options**



Answer:

**Unordered Options**

- init
- run
- repo add
- git push

**Ordered Options**

- repo add
- init
- run
- git push

Question No: 16

How does the Application Navigator fit into the OpenShift Container Platform (OCP)?

- A. It replaces OCP logging and monitoring capabilities for cloud native and traditional WebSphere applications across both cloud and traditional platforms
- B. It complements OCP to facilitate an app-centric management experience for cloud native and traditional WebSphere applications, across both cloud and traditional platforms
- C. It adds new features to OCP so cloud native and traditional WebSphere applications can be managed across both cloud and traditional platforms through the OCP console dashboard
- D. It is not a Kubernetes application and does not work with OCP

Answer: C

Question No: 17

Which statement is true for the cluster logging components of the OpenShift Container Platform?

- A. Cluster logging is configurable using a Cluster Logging Custom Resource (CR) deployed in the OpenShift project
- B. Fluentd is deployed to worker node only in the OpenShift Container Platform cluster
- C. Kibana is the centralized, web UI where users and administrators can create rich visualizations and dashboards with the aggregated data
- D. Fluentd collects all nodes and container logs and writes them to etcd

Answer: A