KCNA Q&As

Kubernetes and Cloud Native Associate (KCNA)

Pass Linux Foundation KCNA Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass4itsure.com/kcna.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Linux Foundation Official Exam Center

QUESTION 1

How can you achieve cost optimization in the cloud environment?

A. Use On Demand instances

B. Use Spot Instances

C. Use Reserved Instances

D. Use Bare Metal

Correct Answer: C

QUESTION 2

What makes cloud native technology so important?

A. It makes data centric

B. It strengthens team

C. It removes roadblocks to innovation

D. It helps gather software requirements

E. It makes operational centric

Correct Answer: C

Explanation: https://github.com/cncf/foundation/blob/main/charter.md

> Cloud native technologies empower organizations to build and run scalable applications in modern, dynamic environments such as public, private, and hybrid clouds. Containers, service meshes, microservices, immutable infrastructure, and declarative APIs exemplify this approach.
>
> These techniques enable loosely coupled systems that are resilient, manageable, and observable. Combined with robust automation, they allow engineers to make high-impact changes frequently and predictably with minimal toil.

QUESTION 3

What is the use of labels in Kubernetes?

A. All of the options

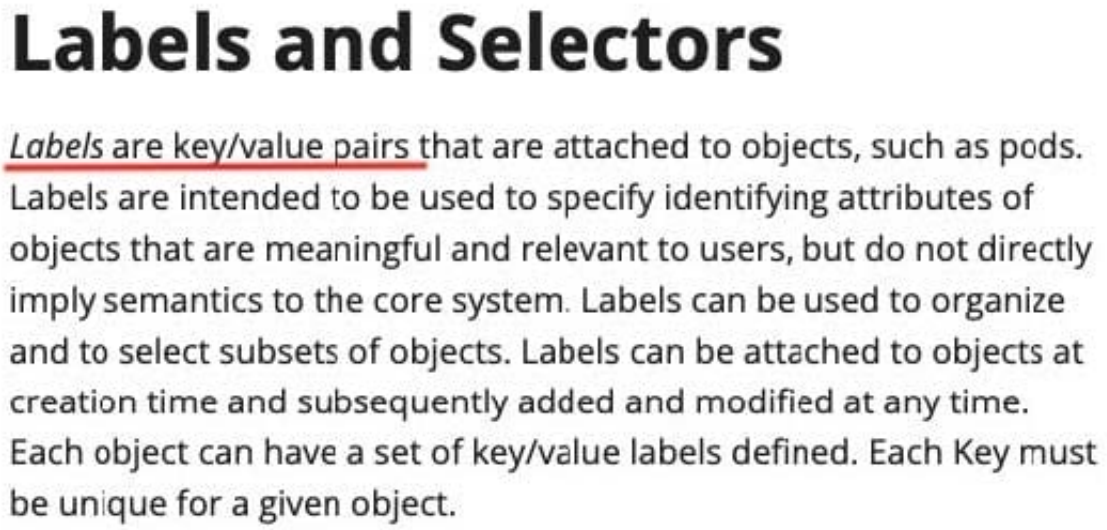
B. It is used to assign annotation to an object

C. It is used to assign key-value pair to an object

D. It is used to assign a name to an object.

Correct Answer: C

Explanation: https://kubernetes.io/docs/concepts/overview/working-with-objects/labels/



QUESTION 4

A new Pod is created. Then, the Pod is assigned to a Node. Which Kubernetes component was responsible for determining which Node to assign the Pod to?

A. kubelet

B. Scheduler

C. API Server

D. Controller manager

Correct Answer: B

Explanation: https://kubernetes.io/docs/reference/command-line-tools-reference/kube- scheduler/

The Kubernetes scheduler is a control plane process which assigns Pods to Nodes. The scheduler determines which Nodes are valid placements for each Pod in the scheduling queue according to constraints and available resources. The scheduler then ranks each valid Node and binds the Pod to a suitable Node. Multiple different schedulers may be used within a cluster; kube-scheduler is the reference implementation. See scheduling for more information about scheduling and the kube-scheduler component.

```
kube-scheduler [flags]
```

QUESTION 5

The 4C\\'s of Cloud Native security

A. Chroot, Compute, Cluster and Container

B. Cluster, Cloud, Compute, and Containers

C. Code, Containers, Compute, and Cloud

D. Cloud, Clusters, Containers, and Code

Correct Answer: D

Explanation: https://kubernetes.io/docs/concepts/security/overview/