TestHorse

Exam : **KCNA**

Title : Kubernetes and Cloud
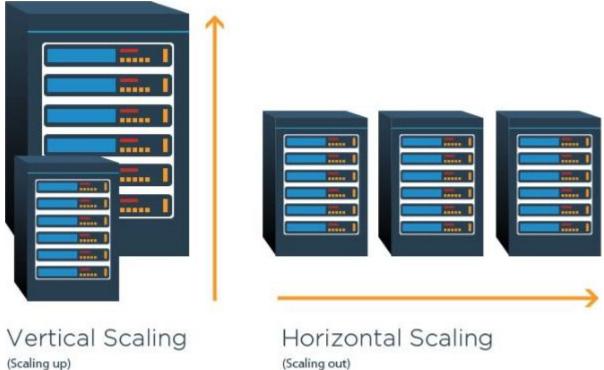Native Associate (KCNA)

Version : DEMO

1.An application that is nearing its usage limit. To increase the amount of users it can handle, you allocate additional memory resources to each instance of the application.

What type of scaling is this?

A. Horizontal Scaling

B. Cluster Autoscaling

C. Recursive Scaling

D. Vertical Scaling

Answer: D

Explanation:

Vertical Scaling
(Scaling up)

Horizontal Scaling
(Scaling out)

Graphical user interface, diagram
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2.Which of the following best describes a cloud-native app?

A. An application where all logic is coded into a single large binary.

B. An application that publishes an HTTPS web front-end.

C. An application that takes advantages of cloud computing fromworks and their loosely coupled cloud services.

D. An application that leverages services that are native to public cloud platforms such as Azure, GCP, and/or AWS.

Answer: C

Explanation:

Cloud-native apps leverage cloud computing frameworks and tend to be microservices based, where individual components of the app are coded as individual.

3.Which project in this list is a leading project in the observability space?

A. Jaeger

B. Vitess

C. Argo

D. Kubernetes

Answer: A

Explanation:

https://github.com/cncf/landscape#trail-map

4.To specify a Kubernetes object which language is used?

A. JSON

B. Go

C. YAML

D. Node

E. Python

Answer: C

Explanation:

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

Understanding Kubernetes Objects

This page explains how Kubernetes objects are represented in the Kubernetes API, and how you can express them in `.yaml` format.
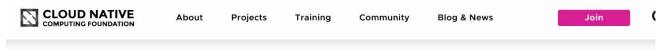
Graphical user interface, text

Description automatically generated

5.What is OPA?

A. Open Permission Agent

B. Online Policy Audit

C. Open Policy Agent

D. Offline Policy Accessor

Answer: C

Explanation:

https://www.cncf.io/projects/open-policy-agent-opa/

PROJECTS

Open Policy Agent (OPA)

An open source, general-purpose policy engine.

Open Policy Agent (OPA) was accepted to CNCF on **March 29, 2018** and is at the **Graduated** project maturity level.

Open Policy Agent

Graphical user interface, text, application, email

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