

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.passapply.com/kcna.html

100% Passing Guarantee 100% Money Back Assurance

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

- Instant Download After Purchase
- 100% Money Back Guarantee
- 365 Days Free Update
- 800,000+ Satisfied Customers



https://www.passapply.com/kcna.html 2024 Latest passapply KCNA PDF and VCE dumps Download

QUESTION 1

How can persistent volume be provisioned?

- A. Automatically
- B. Bootstrap
- C. Dynamically

Correct Answer: C

Explanation: https://kubernetes.io/docs/concepts/storage/persistent-volumes/

A PersistentVolume (PV) is a piece of storage in the cluster that has been provisioned by an administrator or dynamically provisioned using Storage Classes. It is a resource in the cluster just like a node is a cluster resource. PVs are volume plugins like Volumes, but have a lifecycle independent of any individual Pod that uses the PV. This API object captures the details of the implementation of the storage, be that NFS, iSCSI, or a cloud-provider-specific storage system.

QUESTION 2

Which control plane component is responsible for scheduling pods?

- A. kube-proxy
- B. kube scheduler
- C. kubelet
- D. kube api-server

Correct Answer: B

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



kube-scheduler

Control plane component that watches for newly created <u>Pods</u> with no assigned node, and selects a node for them to run on.

Factors taken into account for scheduling decisions include: individual and collective resource requirements, hardware/software/policy constraints, affinity and anti-affinity specifications, data locality, inter-workload interference, and deadlines.

QUESTION 3

Which project is not a dominant CNCF project in the storage landscape?

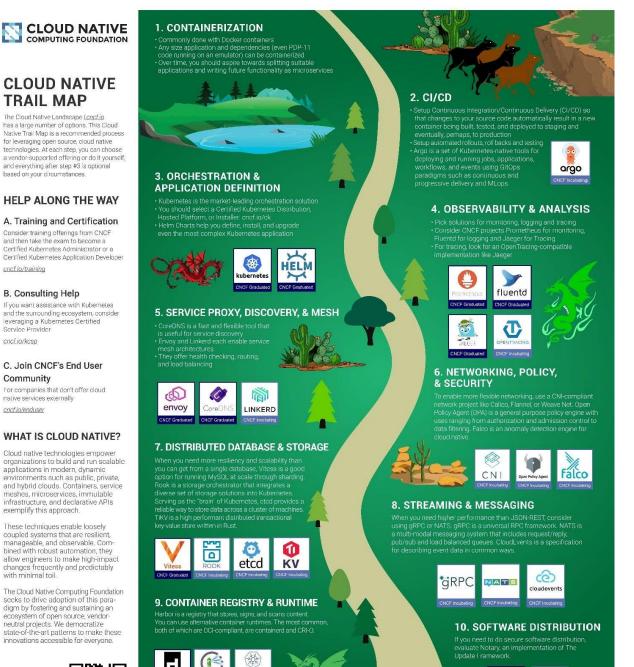
- A. Envoy
- B. Vitess
- C. Rook
- D. TiKV

Correct Answer: A

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

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

2024 Latest passapply KCNA PDF and VCE dumps Download



v20200501



4/6

https://www.passapply.com/kcna.html 2024 Latest passapply KCNA PDF and VCE dumps Download

QUESTION 4

What Linux feature is used to	provide isolation for containers?
-------------------------------	-----------------------------------

- A. Processes
- B. Services
- C. NetworkPolicy
- D. Control groups

Correct Answer: D

Explanation: Control groups provide isolation for container processes, keeping them separate from other process-es on the host.

QUESTION 5

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]



https://www.passapply.com/kcna.html 2024 Latest passapply KCNA PDF and VCE dumps Download

Latest KCNA Dumps

KCNA VCE Dumps

KCNA Braindumps