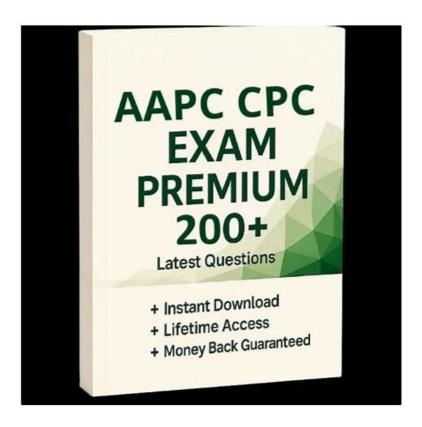
# Accurate 100% Free CKA-100% Free New Braindumps Book | Real CKA Exam Questions



What's more, part of that VCEDumps CKA dumps now are free: https://drive.google.com/open?id=1jNKQ6RH\_0VUPV2rFjgiHemTSdC\_D7LbQ

Just like the saying goes, it is good to learn at another man's cost. In the process of learning, it is more important for all people to have a good command of the method from other people. The CKA study materials from our company will help you find the good study method from other people. Using the CKA Study Materials from our company, you can not only pass your exam, but also you will have the chance to learn about the different and suitable study skills. We believe these skills will be very useful for you near life.

In modern society, innovation is of great significance to the survival of a company. The new technology of the CKA study materials is developing so fast. So the competitiveness among companies about the study materials is fierce. Luckily, our company masters the core technology of developing the CKA study materials. No company in the field can surpass us. So we still hold the strong strength in the market. At present, our CKA study materials have applied for many patents. We attach great importance on the protection of our intellectual property. What is more, our research center has formed a group of professional experts responsible for researching new technology of the CKA Study Materials. The technology of the CKA study materials will be innovated every once in a while. As you can see, we never stop innovating new version of the CKA study materials. We really need your strong support.

>> New Braindumps CKA Book <<

# Real CKA Exam Questions & Practice Test CKA Fee

If you want to get a comprehensive idea about our real CKA study materials, you can free download the demos on our website. It is convenient for you to download the free demos of our CKA learing guide, all you need to do is just to find the "Download for free" item, and you will find there are three kinds of versions of CKA Learning Materials for you to choose from namely, PDF Version Demo, PC Test Engine and Online Test Engine, you can choose to download any one as you like.

Linux Foundation offers a comprehensive training program to prepare candidates for the CKA Exam. The training program includes online courses, hands-on labs, and practice exams. The program is designed to help candidates gain the necessary knowledge and skills to pass the exam and become certified Kubernetes administrators.

# Linux Foundation Certified Kubernetes Administrator (CKA) Program Exam Sample Questions (Q30-Q35):

#### **NEW QUESTION #30**

 $Create \ a \ persistent \ volume \ with \ name app-data, \ of \ capacity 2 Giandaccess \ mode Read Write Many. \ The type \ of \ volume \ is host Pathand \ its location \ is \ /srv/app-data.$ 

#### Answer:

Explanation:

See the solution below.

Explanation

solution

Persistent Volume

A persistent volume is a piece of storage in aKubernetes cluster. Persistent Volumes are a cluster-level resource like nodes, which don't belong to any namespace. It is provisioned by the administrator and has a particular file size. This way, a developer deploying their app on Kubernetes need not knowthe underlying infrastructure.

When the developer needs a certain amount of persistent storage for their application, the system administrator configures the cluster so that they consume the Persistent Volume provisioned in an easy way.

Creating PersistentVolume

kind: PersistentVolumeapiVersion: v1 metadata:name:app-dataspec:capacity: # defines the capacity of PV we are creatingstorage:2Gi#the amount of storage we are tying to claimaccessModes: # defines the rights of the volumewe are creating-ReadWriteManyhostPath:path: "/srv/app-data" # path to which we are creating the volume Challenge

\* Create a Persistent Volume named ReadWriteMany, storage classname shared,2Giof storage capacity and the host path



2. Save the file and create the persistent volume.

Image for post

```
njerry191@cloudshell:- (extreme-clone-265411)$ kubectl create
persistentvolume/pv created

3. View the persistent volume.

njerry191@cloudshell:- (extreme-clone-265411)$ kubectl re pv linux
NAME CAPACITY ACCESS MODES RECLAIM POLICY STORAGECLASS REASON AGE
app-data 2Gi RWX Retain

ACCESS MODES RECLAIM POLICY STORAGECLASS Shared

31s
```

\* Our persistent volume status is available meaning it is available and it has not been mounted yet. This status willchange when we mount the persistentVolume to a persistentVolumeClaim.

PersistentVolumeClaim

In a real ecosystem, a system admin will create the PersistentVolume then a developer will create a PersistentVolumeClaim which will be referenced in a pod. A PersistentVolumeClaim is created by specifying the minimum size and the access mode they require from the persistentVolume.

Challenge

\* Create a Persistent Volume Claim that requests the Persistent Volume we had created above. The claim should request 2Gi. Ensurethat the Persistent Volume Claim has the same storageClassName as the persistentVolume you had previously created. kind: PersistentVolumeapiVersion: v1 metadata:name:

spec:

accessModes:-ReadWriteManyresources:

requests:storage:2Gi

storageClassName:shared

2. Save and create the pvc

 $njerry 191 @ cloudshell: \sim (extreme-clone-2654111) \$ \ kubect1 \ create-fapp-data. yaml \ persistent volume claim/app-data \ created$ 

3. View the pvc

Image for post



4. Let's see what has changed in the pv we had initially created.

Image for post

```
njerry191@cloudshell:~ (extreme-clone-265411) $ kubectl get flow NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS IN STORAGECLASS REASON AGE pv 512m RWX Retain Bound default/pv shared 16m
```

Our status has now changed from available to bound.

5. Create a new pod named myapp with image nginx that will be used to Mount the Persistent Volume Claim with the path /var/app/config.

Mounting a Claim

apiVersion: v1 kind: Podmetadata:creationTimestamp: nullname: app-dataspec:volumes:-name:congigpvcpersistenVolumeClaimclaimName: app-datacontainers:- image: nginxname: appvolumeMounts:- mountPath: "

#### **NEW QUESTION #31**

You have a Deployment named 'my-app' with 5 replicas running an application container. You need to implement a rolling update strategy that allows for a maximum of 2 pods to be unavailable at any given time during the update process. Additionally, you want to ensure that the update process is triggered automatically whenever a new image is pushed to the Docker Hub repository 'my-org/my-app:latest'.

#### Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step):

- 1. Update the Deployment YAML:
- Update the 'replicas' to 5.
- Define 'maxUnavailable: 2' and 'maxSurge: 0' in the 'strategy.rollingUpdate' section to control the rolling update process.
- Configure a 'strategy.type' to 'RollingUpdate' to trigger a rolling update when the deployment is updated.
- Add a 'spec.template.spec.imagePullPolicy: Always' to ensure that the new image is pulled even if it exists in the pod's local cache.

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: my-app
spec:
  replicas: 5
  selector:
    matchLabels:
      app: my-app
  template:
    metadata:
      labels:
        app: my-app
    spec:
      containers:
      - name: my-app
        image: my-org/my-app:latest
        imagePullPolicy: Always
  strategy:
    type: RollingUpdate
    rollingUpdate:
      maxUnavailable: 2
      maxSurge: 0
```

2. Create the Deployment: - Apply the updated YAML file using 'kubectl apply -f my-app.yamP 3. Verify the Deployment: - Check the status of the deployment using 'kubectl get deployments my-app' to confirm the rollout and updated replica count. 4. Trigger the Automatic Update: - Push a new image to the 'my.org/my-app:latest' Docker Hub repository. 5. Monitor the Deployment: - Use 'kubectl get pods -l app=my-app' to monitor the pod updates during the rolling update process. You will observe that up to 2 pods are terminated at a time, while new pods with the updated image are created. 6. Check for Successful Update: - Once the deployment is complete, use 'kubectl describe deployment my-app' to see that the 'updatedReplicas' field matches the 'replicas' field, indicating a successful update.

#### **NEW QUESTION #32**

Get the deployment rollout status

#### Answer:

Explanation:

kubectl rollout status deploy webapp

### **NEW QUESTION #33**

Create a namespace called 'development' and a pod with image nginx called nginx on this namespace.

#### Answer:

Explanation:

kubectl create namespace development

kubectl run nginx --image=nginx --restart=Never -n development

#### **NEW QUESTION #34**

List all the pods sorted by name

# Answer:

Explanation:

kubectl get pods --sort-by=.metadata.name

.....

VCEDumps help you to find real Linux Foundation CKA exam preparation process in a real environment. If you are a beginner, and if you want to improve your professional skills, VCEDumps Linux Foundation CKA exam braindumps will help you to achieve your desire step by step. If you have any questions about the exam, VCEDumps the Linux Foundation CKA will help you to solve them Within a year, we provide free updates. Please pay more attention to our website.

# Real CKA Exam Questions: https://www.vcedumps.com/CKA-examcollection.html

•	Pass Guaranteed Quiz The Best Linux Foundation - New Braindumps CKA Book ☐ Go to website →
	www.prep4away.com $\Box\Box\Box$ open and search for ( CKA ) to download for free $\Box$ CKA Study Test
•	CKA Quiz Torrent - CKA Exam Guide - CKA Test Braindumps  ☐ Easily obtain  ☐ CKA  ☐ for free download through "
	www.pdfvce.com"   CKA Valid Exam Preparation
•	Free PDF Quiz High Pass-Rate Linux Foundation - CKA - New Braindumps Certified Kubernetes Administrator (CKA)
	Program Exam Book ☐ Search for ▷ CKA ▷ and easily obtain a free download on ➡ www.passtestking.com ☐ ☐
	□Exam CKA Materials
•	Test CKA Simulator Online $\square$ CKA Valid Braindumps Book $\square$ Test CKA Simulator Online $\square$ Enter $\square$
	www.pdfvce.com $\square$ and search for $\square$ CKA $\square$ to download for free $\square$ Exam CKA Dump
•	New CKA Braindumps Questions □ Exam CKA Materials □ Latest CKA Exam Online □ Search for ➡ CKA □□□
	and download it for free immediately on { www.examdiscuss.com } □New CKA Exam Cram
•	Free PDF Quiz High Pass-Rate Linux Foundation - CKA - New Braindumps Certified Kubernetes Administrator (CKA)
	Program Exam Book □ Open 「 www.pdfvce.com 」 enter ⇒ CKA ∈ and obtain a free download □ Practice CKA
	Exam Online
•	100% Pass Quiz 2025 CKA: Reliable New Braindumps Certified Kubernetes Administrator (CKA) Program Exam Book
	$\square$ The page for free download of $\square$ CKA $\square$ on $\lceil$ www.prep4away.com $\rfloor$ will open immediately $\square$ CKA Test Torrent
•	New CKA Exam Cram □ Valid CKA Exam Sims □ CKA Test Torrent □ Search on ✔ www.pdfvce.com □ ✔ □ for
	✓ CKA □ ✓ □ to obtain exammaterials for free download □CKA Pdf Free
•	Test CKA Simulator Online $\Box$ Exam CKA Dump $\Box$ Exam CKA Dump $\Box$ Search for $\Rightarrow$ CKA $\in$ and easily obtain a
	free download on 【 www.free4dump.com 】 □New CKA Test Guide
•	100% Pass Quiz 2025 CKA: Reliable New Braindumps Certified Kubernetes Administrator (CKA) Program Exam Book
	$\&$ Copy URL $\{$ www.pdfvce.com $\}$ open and search for $\square$ CKA $\square$ to download for free $\square$ Valid CKA Exam Sims
•	CKA Valid Exam Preparation $\square$ CKA Valid Exam Preparation $\square$ CKA Reliable Dumps Pdf $\square$ Search for [ CKA ] and
	download exam materials for free through [ www.vceengine.com ]   Practice CKA Exam Online
•	www.wcs.edu.eu, tedcole945.blogdal.com, academy.iluvquran.com, channel.yogalaurent.com, rdcvw.q711.myverydz.cn,
	lms.susantexperts.com, som.lifespring.org.ng, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
	myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
	myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
	myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
	Disposable vapes

DOWNLOAD the newest VCEDumps CKA PDF dumps from Cloud Storage for free: https://drive.google.com/open?id=1jNKQ6RH\_0VUPV2rFjgiHemTSdC\_D7LbQ