Free PDF Latest Linux Foundation - CKAD Reliable Test Review

DOWNLOAD the newest VCETorrent CKAD PDF dumps from Cloud Storage for free: https://drive.google.com/open?id=1owYGLqMEKsbcY5EMDn1kxuac8WG-WZFC

The Linux Foundation Certified Kubernetes Application Developer Exam has become very significant to validate expertise and level up career. Success in the Linux Foundation Certified Kubernetes Application Developer Exam exam helps you meet the ever-changing dynamics of the tech industry. latest Linux Foundation Certified Kubernetes Application Developer Exam CKAD Exam Cram Pdf, collection pdf and exam dumps have been provided in VCETorrent. With 365 days updates.

The CKAD Certification Exam is a valuable credential for developers who want to demonstrate their expertise in Kubernetes application development. It can help developers advance their careers and increase their earning potential. Additionally, it is a way for organizations to identify and recruit skilled Kubernetes developers who can help them leverage the full potential of Kubernetes for their applications.

>> CKAD Reliable Test Review <<

Dumps Linux Foundation CKAD Questions & Exam CKAD Question

VCETorrent is a leading platform that has been helping the Linux Foundation CKAD exam candidates for many years. Over this long time period, countless Linux Foundation CKAD exam candidates have passed their dream Linux Foundation Certified Kubernetes Application Developer Exam (CKAD) certification and they all got help from valid, updated, and real Linux Foundation Certified Kubernetes Application Developer Exam (CKAD) exam questions. So you can also trust the top standard of Linux Foundation CKAD exam dumps and start CKAD practice questions preparation without wasting further time.

Linux Foundation Certified Kubernetes Application Developer Exam Sample Questions (Q28-Q33):

NEW QUESTION # 28
You have an application that requires a TLS certificate for secure communication Witn a specific service Within tne Kubernetes cluster. How can you create a Kubernetes secret that holds the certificate and private key, and then configure your deployment to use it?

Answer:

Explanation:
See the solution below with Step by Step Explanation.
Explanation:
Solution (Step by Step) :
1. Generate a Certificate and Key:
- If you don't already have a certificate and private key, you can use tools like 'openssl to generate them:
bash
openssl req -x509 -newkey rsa:2048 -keyout private-key -out cert.pem -days 365 -nodes
- This will create two files: 'private-key' (private key) and 'cert.pern' (certificate).
2. Create a Kubernetes Secret:
- Create a YAML file, for example, 'tls-secret.yaml':

```
apiVersion: v1
kind: Secret
metadata:
  name: tls-secret
type: TLS
data:
  tls.crt:
  tls.key:
```

- Replace and with the Base64 encoded contents of your certificate and key files. You can use 'base64' command for encoding: bash echo "certificate content" | base64 echo "private key content" | base64 3. Apply the Secret: - Apply the secret to your Kubernetes cluster: bash kubectl apply -f tls-secret.yaml 4. Modify your Deployment: - Add the following to your deployment YAML file:

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: my-app
spec:
  template:
    spec:
      containers:
      - name: my-app
        image: your-image:latest
        volumeMounts:
          - name: tls-secret-volume
            mountPath: /var/secrets/tls
      volumes:
        - name: tls-secret-volume
          secret:
            secretName: tls-secret
```

5. Update your Application: - Your application needs to be configured to use the mounted TLS certificate and key from the secret. The specific configuration will depend on the application. - It will typically involve setting environment variables pointing to the location of the certificate and key files, for example, 'TLS_CERT_FILE'and 'TLS_KEY_FILE.

NEW QUESTION # 29
You have a Deployment running a microservice that is responsible for processing user data To ensure the security of this data, you need to implement a NetworkPolicy that restricts network traffic to and from the microservice's pods.

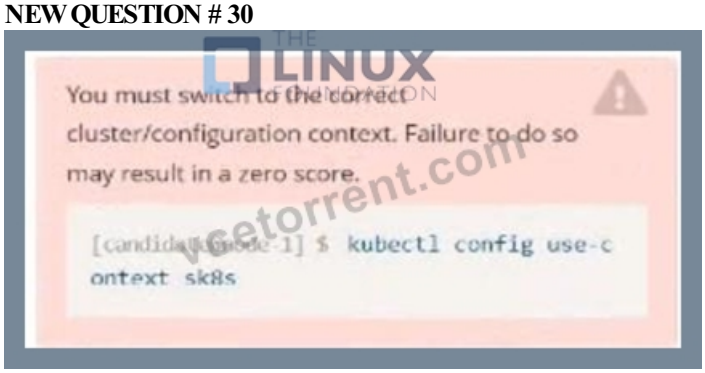
Answer:

Explanation:
See the solution below with Step by Step Explanation.
Explanation:
Solution (Step by Step) :
1. Create a NetworkP01icy:
- Create a NetworkPolicy YAML file to define the traffic rules:

```
apiVersion: networking.k8s.io/v1
kind: NetworkPolicy
metadata:
  name: restrict-microservice-traffic
  namespace: my-microservice-namespace
spec:
  podSelector:
    matchLabels:
      app: my-microservice
  ingress:
  - from:
    - podSelector:
        matchLabels:
          app: my-database # Allow traffic from database pods
  egress:
  - to:
    - ipBlock:
        cidr: 10.96.0.0/12 # Allow traffic to specific IP range
```

2. Apply the NetworkPolicy: - Apply tne NetworkPoliCY configuration to your Kubernetes cluster: basn kubectl apply -f restrict-microservice-traffic_yaml 3. Test the NetworkPoIicy: - Create a pod in a different namespace or on a different node. - Attempt to connect to the microservice pod from the new pod. - Verity that the connection is blocked as per the defined NetworkPolicy rules.

NEW QUESTION # 30



Task:
1) Fix any API depreciation issues in the manifest file -/credible-mite/www.yaml so that this application can be deployed on cluster K8s.

2) Deploy the application specified in the updated manifest file -/credible-mite/www.yaml in namespace cobra See the solution below.

Answer:

Explanation:
Explanation
Solution:

Text Description automatically generated

```
File  Edit  View  Terminal  Tabs  Help
apiVersion: apps/v1
kind: Deployment
metadata:
  name: www-deployment
  namespace: cobra
spec:
  replicas: 3
  selector:
        matchLabels:
              app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
        - name: nginx
          image: "nginx:stable"
          ports:
            - containerPort: 80
          volumeMounts:
            - mountPath: /var/log/nginx
              name: logs
          env:
            - name: NGINX_ENTRYPOINT_QUIET_LOGS
              value: "1"
      volumes:
        - name: logs
          emptyDir: {}
~
~
:wq
```


Text Description automatically generated

```
File  Edit  View  Terminal  Tabs  Help
deployment.apps/expose created
candidate@node-1:~$ kubectl get pods -n ckad00014
NAME                      READY   STATUS              RESTARTS   AGE
expose-85dd99d4d9-25675   0/1     ContainerCreating   0          6s
expose-85dd99d4d9-4fhcc   0/1     ContainerCreating   0          6s
expose-85dd99d4d9-fld7j   0/1     ContainerCreating   0          6s
expose-85dd99d4d9-tt6rm   0/1     ContainerCreating   0          6s
expose-85dd99d4d9-vjd8b   0/1     ContainerCreating   0          6s
expose-85dd99d4d9-vtzpq   0/1     ContainerCreating   0          6s
candidate@node-1:~$ kubectl  get deploy -n ckad00014
NAME     READY   UP-TO-DATE   AVAILABLE   AGE
expose   6/6     6            6           15s
candidate@node-1:~$ kubectl config use-context k8s
Switched to context "k8s".
candidate@node-1:~$ vim ~/credible-mite/www.yaml
candidate@node-1:~$ vim ~/credible-mite/www.yaml
candidate@node-1:~$ kubectl  apply  -f ~/credible-mite/www.yaml
deployment.apps/www-deployment created
candidate@node-1:~$ kubectl get pods -n cobra
NAME                              READY   STATUS              RESTARTS   AGE
www-deployment-d899c6b49-d6ccg    1/1     Running             0          6s
www-deployment-d899c6b49-f796l    0/1     ContainerCreating   0          6s
www-deployment-d899c6b49-ztfcw    0/1     ContainerCreating   0          6s
candidate@node-1:~$ kubectl get deploy -n cobra
NAME             READY   UP-TO-DATE   AVAILABLE   AGE
www-deployment   3/3     3            3           11s
candidate@node-1:~$ kubectl get pods -n cobra
NAME                              READY   STATUS    RESTARTS   AGE
www-deployment-d899c6b49-d6ccg    1/1     Running   0          14s
www-deployment-d899c6b49-f796l    1/1     Running   0          14s
www-deployment-d899c6b49-ztfcw    1/1     Running   0          14s
candidate@node-1:~$
```


NEW QUESTION # 31

Context

Context

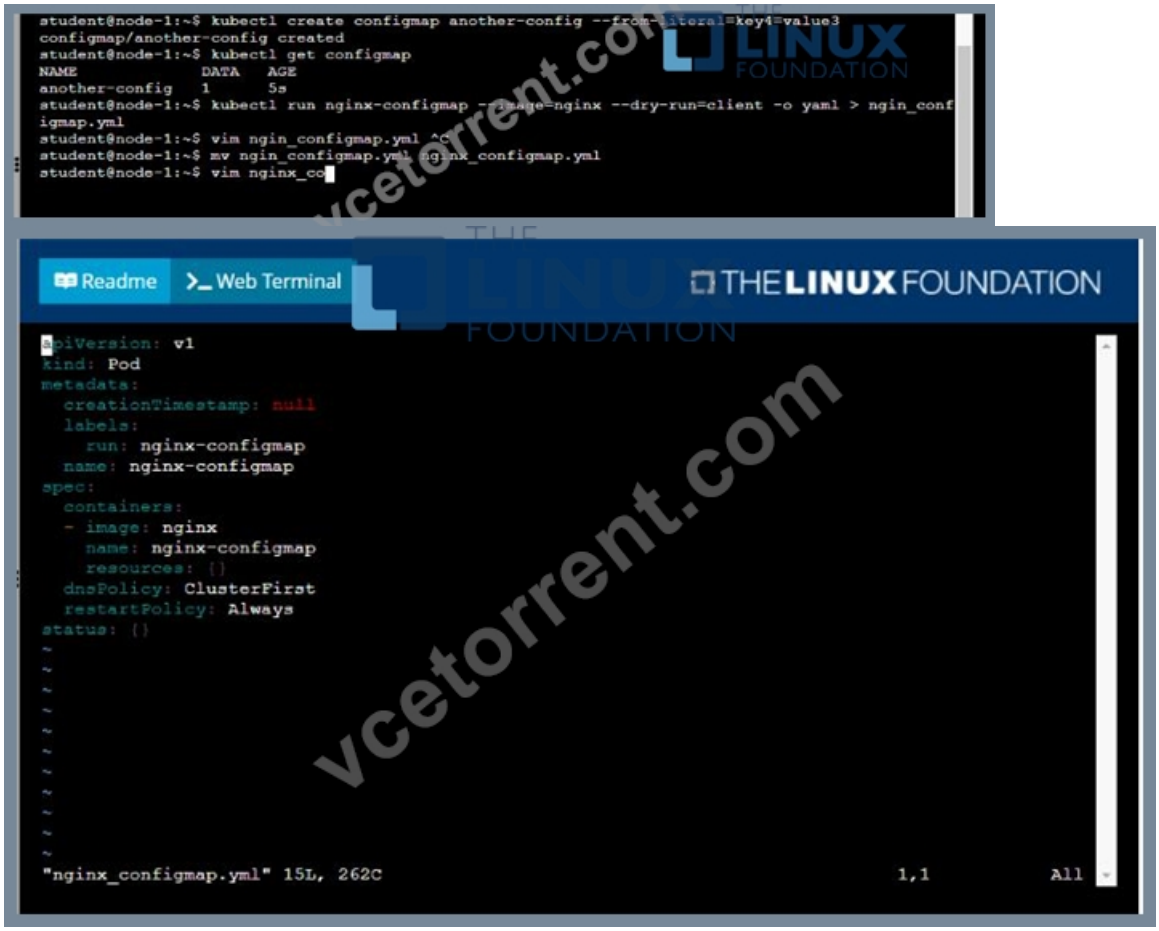
You are tasked to create a ConfigMap and consume the ConfigMap in a pod using a volume mount.

Task

Please complete the following:
* Create a ConfigMap named another-config containing the key/value pair: key4/value3
* start a pod named nginx-configmap containing a single container using the nginx image, and mount the key you just created into the pod under directory /also/a/path

Answer:

Explanation:
Solution:




Readme
Web Terminal
THE LINUX FOUNDATION
apiVersion: v1
kind: Pod
metadata:
labels:
run: nginx-configmap
name: nginx-configmap
spec:
containers:
- image: nginx
name: nginx-configmap
volumeMounts:
- name: myvol
mountPath: /also/a/path
volumes:
- name: myvol
configMap:
name: another-config
13,6 All
student@node-1:~$ kubectl create configmap another-config --from-literal=key4=value3
configmap/another-config created
student@node-1:~$ kubectl get configmap
NAME DATA AGE
another-config 1 5s
student@node-1:~$ kubectl run nginx-configmap --image=nginx --dry-run=client -o yaml > ngin_conf
igmap.yml
student@node-1:~$ vim ngin_configmap.yml ^C
student@node-1:~$ mv ngin_configmap.yml nginx_configmap.yml
student@node-1:~$ vim nginx_configmap.yml
student@node-1:~$
vcetorrent.com

student@node-1:~$ kubectl run nginx-configmap --image=nginx --dry-run=client -o yaml > ngin_conf
igmap.yml
student@node-1:~$ vim ngin_configmap.yml ^C
student@node-1:~$ mv ngin_configmap.yml nginx_configmap.yml
student@node-1:~$ vim nginx_configmap.yml
student@node-1:~$ kubectl create f nginx_configmap.yml
Error: must specify one of -f and -k
error: unknown command "f nginx_configmap.yml"
See 'kubectl create -h' for help and examples
student@node-1:~$ kubectl create -f nginx_configmap.yml
error: error validating "nginx_configmap.yml": error validating data: ValidationError(Pod.spec.c
ontainers[1]): unknown field "mountPath" in io.k8s.api.core.v1.Container; if you choose to ignor
e these errors, turn validation off with --validate=false
student@node-1:~$ vim nginx_configmap.yml
vcetorrent.com

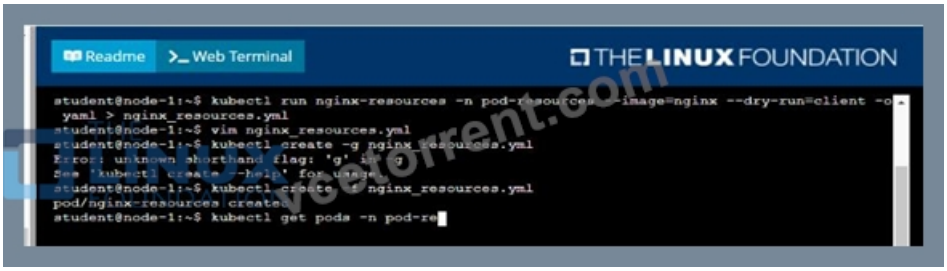
NEW QUESTION # 32
Exhibit:

Task
You are required to create a pod that requests a certain amount of CPU and memory, so it gets scheduled to-a node that has those resources available.
* Create a pod named nginx-resources in the pod-resources namespace that requests a minimum of 200m CPU and 1Gi memory for its container
* The pod should use the nginx image
* The pod-resources namespace has already been created

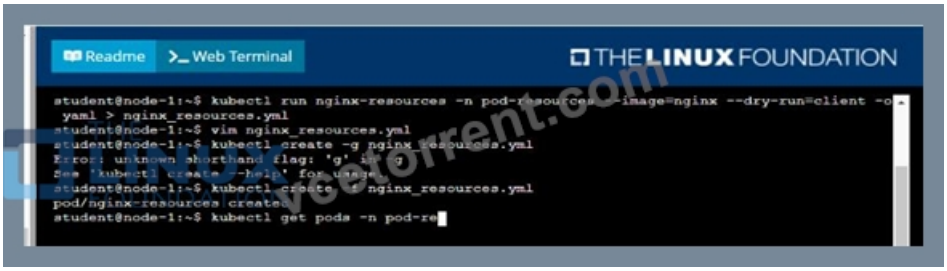
- A. Solution:


Readme
Web Terminal
THE LINUX FOUNDATION
apiVersion: v1
kind: Pod
metadata:
creationTimestamp: null
labels:
run: nginx-resources
name: nginx-resources
namespace: pod-resources
spec:
containers:
- image: nginx
name: nginx-resources
resources: {}
dnsPolicy: ClusterFirst
restartPolicy: Always
status: {}
"nginx_resources.yml" 16L, 289C
1,1
All
vcetorrent.com


Readme
Web Terminal
THE LINUX FOUNDATION
apiVersion: v1
kind: Pod
metadata:
labels:
run: nginx-resources
name: nginx-resources
namespace: pod-resources
spec:
containers:
- image: nginx
name: nginx-resources
resources:
requests:
cpu: 200m
memory: "1Gi"
-- INSERT --
15,22
All
vcetorrent.com


Readme
Web Terminal
THE LINUX FOUNDATION
student@node-1:~$ kubectl run nginx-resources -n pod-resources --image=nginx --dry-run=client -o
yaml > nginx_resources.yml
student@node-1:~$ vim nginx_resources.yml
student@node-1:~$ kubectl create -g nginx_resources.yml
Error: unknown shorthand flag: 'g' in -g
See 'kubectl create --help' for usage.
student@node-1:~$ kubectl create -f nginx_resources.yml
pod/nginx-resources created
student@node-1:~$ kubectl get pods -n pod-re
vcetorrent.com

- B. Solution:



Answer: B

NEW QUESTION # 33

.....

Our Linux Foundation CKAD exam questions have gained wide popularity among candidates. Almost all customers are willing to introduce our CKAD practice quiz to their classmates and friends. And sometimes, they may buy our exam products together. After they have tried our study materials, most of them have successfully passed the Linux Foundation CKAD Exam and made a lot of money.

Dumps CKAD Questions: https://www.vcetorrent.com/CKAD-valid-vce-torrent.html

- CKAD Latest Exam Practice □ CKAD Printable PDF □ CKAD Actual Exam Dumps □ Search for " CKAD " on ➽ www.validtorrent.com □ immediately to obtain a free download □CKAD Customized Lab Simulation
- CKAD Exam Registration □ CKAD Actual Exam Dumps □ CKAD Printable PDF □ Search for ▸ CKAD ◂ and download exam materials for free through ➽ www.pdfvce.com □ □Test CKAD Questions Answers
- What is the Most Trusted Platform to Buy Linux Foundation CKAD Actual Dumps? 🈵 Immediately open [www.troytecdumps.com] and search for { CKAD } to obtain a free download □Exam CKAD Quizzes
- Latest Braindumps CKAD Ebook □ CKAD Practice Exam Online □ CKAD Latest Exam Practice □ Download [CKAD] for free by simply searching on ▸ www.pdfvce.com ◂ □CKAD Reliable Exam Tips
- CKAD Quiz Materials - CKAD Exam Guide - CKAD Exam Collection □ Copy URL 「 www.verifieddumps.com 」 open and search for 「 CKAD 」 to download for free □Real CKAD Question
- Exam CKAD Quizzes □ New CKAD Exam Review □ CKAD Exam PDF □ The page for free download of 【 CKAD 】 on ☀ www.pdfvce.com □☀□ will open immediately □Test CKAD Questions Answers
- CKAD Reliable Guide Files □ CKAD Customized Lab Simulation □ Exam CKAD Quizzes □ Go to website " www.prepawaypdf.com " open and search for ➡ CKAD □□□ to download for free □CKAD Reliable Exam Tips
- What is the Most Trusted Platform to Buy Linux Foundation CKAD Actual Dumps? □ Search for ⇛ CKAD ⇚ and obtain a free download on ▸ www.pdfvce.com ◂ □Latest CKAD Braindumps Sheet
- CKAD Valid Exam Duration □ CKAD Actual Exam Dumps □ CKAD Actual Exam Dumps □ Open website ➥ www.testkingpass.com □ and search for （ CKAD ） for free download □CKAD Passing Score Feedback
- CKAD Brain Dump Free □ CKAD Passing Score Feedback □ Test CKAD Questions Answers □ Go to website ▹ www.pdfvce.com ◃ open and search for ⇛ CKAD ⇚ to download for free □CKAD Customized Lab Simulation
- Latest Braindumps CKAD Ebook □ New CKAD Dumps Ebook □ CKAD Printable PDF □ Search for ➽ CKAD □ and download it for free immediately on ☀ www.verifieddumps.com □☀□ □CKAD Exam Registration
- www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, 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, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, 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, janhavipanwar.com, www.stes.tyc.edu.tw, 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, learn.africanxrcommunity.org, Disposable vapes

BONUS!!! Download part of VCETorrent CKAD dumps for free: https://drive.google.com/open?

id=1owYGLqMEKsbcY5EMDn1kxuac8WG-WZFC