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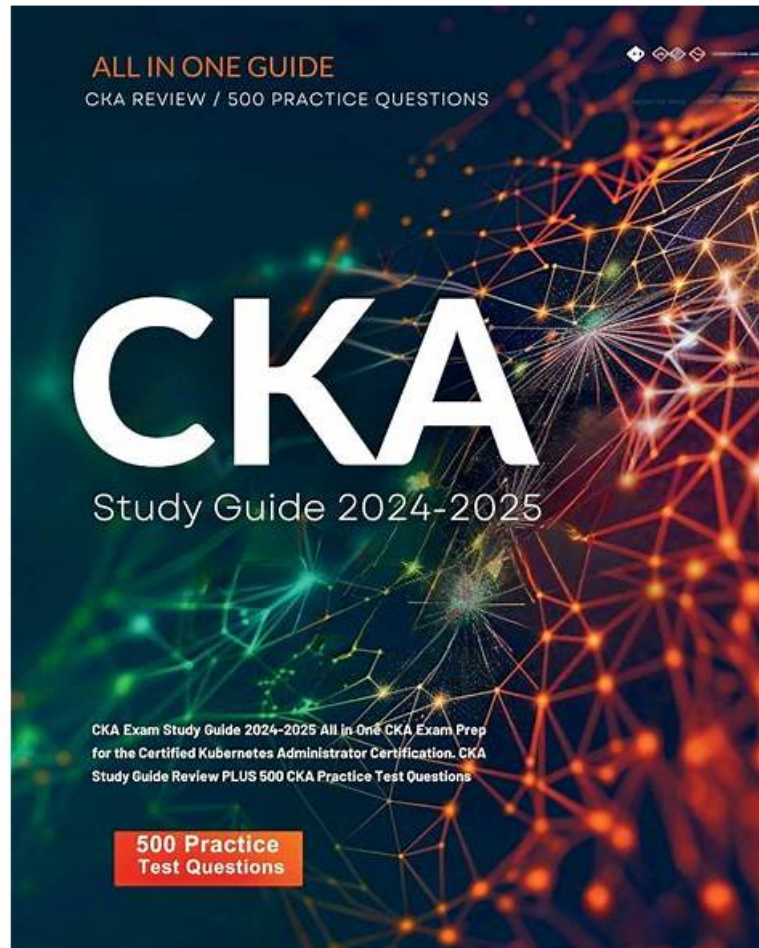
The CKA Practice Exam software is specially made for the students so they can feel real-based examination scenarios and feel some pressure on their brains and don't feel excessive issues while giving the final Linux Foundation exam. There are a lot of customers that are currently using PassLeader and are satisfied with it. PassLeader has designed this product after getting positive feedback from professionals and is rated one of the best study materials for the preparation of the Linux Foundation CKA Exam.

Linux Foundation CKA Program Certification Exam is a valuable certification for professionals who work with Kubernetes and want to validate their skills and knowledge. CKA exam tests candidates on various aspects of Kubernetes administration, and the certification is recognized by leading companies in the industry. With the increasing demand for certified Kubernetes administrators, the CKA certification provides a competitive edge to professionals and opens up new career opportunities in the field of containerization and cloud computing.

Linux Foundation CKA: Certified Kubernetes Administrator (CKA) Program is a certification program that tests the skills and knowledge of individuals in managing and administering Kubernetes clusters. Kubernetes is an open-source container orchestration platform that is widely used in the industry for automating deployment, scaling, and management of containerized applications. The CKA program is designed to validate an individual's ability to design, configure, and manage Kubernetes clusters.

>> Reliable CKA Exam Pattern <<

Test Linux Foundation CKA Collection | CKA Study Guide

If you want to success in your career as a Linux Foundation Certified Professional, you must think outside the box. It would be beneficial if you considered adding Certified Kubernetes Administrator (CKA) Program Exam to your resume. To get this certification, you must pass the CKA exam conducted by Linux Foundation. Passing the Certified Kubernetes Administrator (CKA) Program Exam exam will help you advance your career. It is not an easy task to pass the Certified Kubernetes Administrator (CKA) Program Exam certification exam on the first attempt, but now PassLeader is here to help. To assist you with remote study, PassLeader provides Linux Foundation CKA Exam Questions to make your test preparation complete. The Linux Foundation CKA exam questions simulate the actual exam pattern, allowing you to pass the Certified Kubernetes Administrator (CKA) Program Exam certification exam the first time.

Linux Foundation Certified Kubernetes Administrator (CKA) Program Exam Sample Questions (Q28-Q33):

NEW QUESTION # 28
Install a kubernetes cluster with one master and one worker using kubeadm

- A. This is a straightforward question, you need to install kubernetes cluster using kubeadm with one master and one worker.
  Refer : https://kubernetes.io/docs/setup/production-environment/tools/kubeadm/
- B. This is a straightforward question, you need to install kubernetes cluster using kubeadm with one master and one worker. Installation is considered success once both master and worker
  nodes become available.
  Refer : https://kubernetes.io/docs/setup/production-environment/tools/kubeadm/

Answer: B

NEW QUESTION # 29
List pod logs named "frontend" and search for the pattern "started" and write it to a file "/opt/error-logs"

Answer:

Explanation:
See the solution below.
Explanation
Kubectl logs frontend | grep -i "started" > /opt/error-logs

NEW QUESTION # 30
You have a Deployment running an application that requires a specific network policy. How can you define a network policy that allows only traffic from Pods belonging to the same namespace as the application and denies all other traffic?

Answer:

Explanation:
See the solution below with Step by Step Explanation.
Explanation:
Solution (Step by Step) :
1. Network Policy Definition:

```
apiVersion: networking.k8s.io/v1
kind: NetworkPolicy
metadata:
  name: allow-same-namespace
  namespace:
spec:
  podSelector: {}
  ingress:
  - from:
    - podSelector: {}
```

2. Explanation: - 'apiVersion: networking.k8s.io/v1 ' : Specifies the API version for NetworkPolicy resources. - 'kind: NetworkPolicy': Specifies that this is a NetworkPolicy resource. - 'metadata.name: allow-same-namespace': Sets the name of the NetworkPolicy. - 'metadata.namespace: Specifies the namespace where the NetworkPolicy is applied. Replace '' with the actual namespace where your deployment is running. - 'spec.podSelector: {F: This empty podSelector means the NetworkPolicy applies to all Pods in the namespace. - 'spec.ingress': This section defines the rules for incoming traffic. - 'spec.ingress.from.podSelector: {F: This allows traffic from any Pods within the same namespace. 3. How it works: - This NetworkPolicy allows incoming traffic only from Pods within the same namespace where the Deployment is running. It explicitly denies all other traffic, effectively isolating the application to communication only within its namespace. 4. Implementation: - Apply the YAML using 'kubectl apply -f allow-same-namespace.yaml' 5. Verification: After applying the NetworkPolicy, test the communication between Pods within the same namespace and Pods in other namespaces. You should observe that the NetworkPolicy successfully enforces the defined restrictions.

NEW QUESTION # 31
Schedule a pod as follows:
Name: nginx-kusc00101
Image: nginx
Node selector: disk=ssd

Answer:

Explanation:
See the solution below.
Explanation
solution
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```
root@node-1:~# vim disk.yaml
```

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```
apiVersion: v1
kind: Pod
metadata:
  name: nginx-kusc00101
spec:
  containers:
  - name: nginx
    image: nginx
    imagePullPolicy: IfNotPresent
  nodeSelector:
    disk: ssd
~
~
~
~
~
~
~
~
~
~
~
~
~
"disk.yaml" [New] 11L, 176C written
```

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```
root@node-1:~# vim disk.yaml
root@node-1:~# k create -f disk.yaml
pod/nginx-kusc00101 created
root@node-1:~# k get po
NAME                        READY   STATUS    RESTARTS   AGE
cpu-utilizer-98b9se         1/1     Running   0          5h59m
cpu-utilizer-ab2d3s         1/1     Running   0          5h59m
cpu-utilizer-kipb9a         1/1     Running   0          5h59m
ds-kusc00201-2r2k9          1/1     Running   0          13m
ds-kusc00201-hzm9q          1/1     Running   0          13m
foo                         1/1     Running   0          6h1m
front-end                   1/1     Running   0          6h1m
hungry-bear                 1/1     Running   0          9m37s
kucc8                       3/3     Running   0          7m37s
nginx-kusc00101             1/1     Running   0          9s
webserver-84c55967f4-qzjcv  1/1     Running   0          6h16m
webserver-84c55967f4-t4791  1/1     Running   0          6h16m
root@node-1:~#
```

NEW QUESTION # 32
Create a Kubernetes secret as follows:
Name: super-secret
password: bob
Create a pod named pod-secrets-via-file, using the redis Image, which mounts a secret named super-secret at /secrets.
Create a second pod named pod-secrets-via-env, using the redis Image, which exports password as CONFIDENTIAL

Answer:

Explanation:
solution

```
root@node-1:~#
root@node-1:~# k create secret generic super-secret --from-literal=password=bob
secret/super-secret created
root@node-1:~# vim secret.yaml
```

```
apiVersion: v1
kind: Pod
metadata:
  name: pod-secrets-via-file
spec:
  containers:
  - name: redis
    image: redis
    volumeMounts:
    - name: foo
      mountPath: "/secrets"
  volumes:
  - name: foo
    secret:
      secretName: super-secret
~
~
~
~
~
~
~
~
~
~
~
:w
```

```
root@node-1:~# k create -f secret.yaml
pod/pod-secrets-via-file created
root@node-1:~# vim secret1.yaml
root@node-1:~# k create -f secret1.yaml
pod/pod-secrets-via-env created
root@node-1:~# k get po
NAME                          READY   STATUS    RESTARTS   AGE
cpu-utilizer-98b9se           1/1     Running   0          6h25m
cpu-utilizer-ab2d3s           1/1     Running   0          6h25m
cpu-utilizer-kipb9a           1/1     Running   0          6h25m
ds-kusc00201-2r2k9            1/1     Running   0          40m
ds-kusc00201-hzm9q            1/1     Running   0          40m
foo                           1/1     Running   0          6h28m
front-end                     1/1     Running   0          6h27m
hungry-bear                   1/1     Running   0          36m
kucc8                         3/5     Running   0          34m
nginx-app-848cfcf495-9prjh    2/1     Running   0          19m
nginx-app-848cfcf495-gl2kh    1/1     Running   0          19m
nginx-app-848cfcf495-pg2c8    1/1     Running   0          19m
nginx-kusc00101               1/1     Running   0          26m
pod-secrets-via-env           1/1     Running   0          4s
pod-secrets-via-file          1/1     Running   0          106s
webserver-84c55967f4-qzjcv    1/1     Running   0          6h43m
webserver-84c55967f4-t4791    1/1     Running   0          6h43m
root@node-1:~#
```

NEW QUESTION # 33

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In actuality, the test center around the material is organized flawlessly for self-review considering the way that the competitors who are working in Linux Foundation working conditions don't get the sufficient opportunity to go to classes for Certified Kubernetes Administrator (CKA) Program Exam certification. Thusly, they need to go for self-study and get the right test material to fire scrutinizing up for the Certified Kubernetes Administrator (CKA) Program Exam (CKA) exam. By utilizing Linux Foundation CKA dumps, they shouldn't stress over any additional assistance with that.

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