

Exam Linux Foundation CKA Questions - Best CKA Preparation Materials

23/06/2025, 17:28 Linux Foundation Certified Kubernetes Administrator (CKA) Program - CKA Exam Questions [2025]

Limited Time Discount Offer! 15% Off - Ends in 02:07:12 - Use Discount Coupon Code P4TCOM2025

pass4test
IT Certification Exam Simulator, THE EASY WAY!

Go <https://www.pass4test.com/ckat> McAfee SECURE

Home (1) Products (allproducts.php) Certifications (certifications.php) Free Demo (samples.php)
Guarantee (page_guarantee.html) How to pay? (page_howtopay.html) F.A.Q (page_faqs.html)
Cart (cart.php) My Orders (member.php?ac=myorder)

All Exams Practice Materials **10% OFF** Discount Code: **Offsale**

Linux Foundation Certified Kubernetes Administrator (CKA) Program - CKA Exam Questions

QUESTION NO: 16
Score: 7%

Set configuration context:

```
[student@node-1] $ kubectl config use-context m
```

Task
Given an existing Kubernetes cluster running version 1.20.0, upgrade all of the Kubernetes control plane and node components on the master node only to version 1.20.1.
Be sure to drain the master node before upgrading it and unordon it after the upgrade.

You can ssh to the master node using:

```
[student@node-1] $ ssh mk8s-master-0
```

You can assume elevated privileges on the master node with the following command:

```
[student@mk8s-master-0] $ sudo -i
```

You are also expected to upgrade kubelet and kubecol on the master node.

Do not upgrade the worker nodes, etcd, the container manager, the CNI plugin, the DNS service or any other addons.

[Hide answers/explanation](#)

Correct Answer:
<https://www.pass4test.com/cka-exam-questions.html>

1/8

DOWNLOAD the newest ExamTorrent CKA PDF dumps from Cloud Storage for free: <https://drive.google.com/open?id=1nfPfbkzTUmdSZID-8pkPH5qDg1IvHEEB>

Over the past few years, we have gathered hundreds of industry experts, defeated countless difficulties, and finally formed a complete learning product - CKA test answers, which are tailor-made for students who want to obtain Linux Foundation certificates. According to statistics, by far, our CKA Guide Torrent has achieved a high pass rate of 98% to 99%, which exceeds all others to a considerable extent. At the same time, there are specialized staffs to check whether the Certified Kubernetes Administrator (CKA) Program Exam test torrent is updated every day.

Linux Foundation CKA (Certified Kubernetes Administrator) Program Exam is a certification program designed for professionals who want to demonstrate their expertise in managing, deploying, and troubleshooting Kubernetes clusters. Kubernetes is an open-source container orchestration platform that automates the deployment, scaling, and management of containerized applications. As containerization becomes increasingly popular, Kubernetes has emerged as the go-to solution for managing containers at scale.

The CKA Program Certification Exam consists of a set of performance-based tasks that candidates must complete within a given time frame. CKA Exam covers a broad range of topics, including cluster architecture, installation and configuration, networking, storage, troubleshooting, and security. Candidates are expected to demonstrate their ability to perform tasks such as deploying applications, scaling and upgrading clusters, configuring network policies, troubleshooting node and cluster problems, and securing Kubernetes clusters.

>> Exam Linux Foundation CKA Questions <<

Download the Linux Foundation CKA Exam Dumps Now

With CKA study tool, you no longer need to look at a drowsy textbook. You do not need to study day and night. With CKA learning dumps, you only need to spend 20-30 hours on studying, and then you can easily pass the exam. At the same time, the language in CKA test question is very simple and easy to understand. Even if you are a newcomer who has just entered the industry, you can learn all the knowledge points without any obstacles. We believe that CKA Study Tool will make you fall in love with learning. Come and buy it now.

The CKA Program Certification Exam is a challenging and respected certification that validates the skills and knowledge of professionals who want to work with Kubernetes. Certified Kubernetes Administrator (CKA) Program Exam certification covers a wide range of topics related to Kubernetes and requires a deep understanding of the technology. It is a valuable certification for professionals who want to advance their careers and demonstrate their commitment to open-source technologies.

Linux Foundation Certified Kubernetes Administrator (CKA) Program Exam Sample Questions (Q84-Q89):

NEW QUESTION # 84

You need to deploy a microservice application that uses a custom DNS service for internal communication between microservices. This DNS service is not a standard Kubernetes DNS service. How would you configure Kubernetes to use your custom DNS service for the internal communication of your application?

Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step) :

1. Create a ConfigMap for DNS Configuration:

- Create a ConfigMap to store the DNS configuration details for your custom DNS service.

- Example:

- Replace '10.0.0.1 ,10.0.0.2 with the IP addresses of your custom DNS servers and 'my-app.svc.cluster.local' with the search domain for your application. 2. Create a DaemonSet for DNS Configuration: - Create a DaemonSet that will inject the custom DNS configuration into all pods in your cluster. - Example:

- This DaemonSet will use a 'busybox' container to write the DNS configuration from the 'custom-dns-config' ConfigMap to the '/etc/resolv.conf' file in every pod. 3. Deploy your Application: - Deploy your microservice application with the appropriate labels to ensure that the DaemonSet injects the custom DNS configuration into your application's pods. 4. Verify DNS Resolution: - Verify that your application's pods can resolve internal DNS names using your custom DNS service. - Example: - You can use the 'nslookup' command within a pod to test DNS resolution. 5. Configure Security: - Implement appropriate security measures to protect your custom DNS service and prevent unauthorized access to your application's internal services. - Example: - Consider using a firewall to restrict access to the custom DNS servers. - Configure access control lists to limit access to the DNS service.

NEW QUESTION # 85

Evict all existing pods from a node-1 and make the node unschedulable for new pods.

- A. `kubectl get nodes`
`kubectl drain node-1 #It will evict pods running on node-1 to other nodes in the cluster`
`// Verify`
`kubectl get no`
When you cordon a node, the status shows "SchedulingDisabled"
- B. `kubectl get nodes`
`kubectl drain node-1 #It will evict pods running on node-1 to other nodes in the cluster`
`kubectl cordon node-1 # New pods cannot be scheduled to the node`
`// Verify`
`kubectl get no`
When you cordon a node, the status shows "SchedulingDisabled"

Answer: B

NEW QUESTION # 86

Create a configmap called `cfgvolume` with values `var1=val1`, `var2=val2` and create an nginx pod with volume `nginx-volume` which reads data from this configmap `cfgvolume` and put it on the path `/etc/cfg`

- A. // first create a configmap `cfgvolume`
kubectrl create cm `cfgvolume` --from-literal=`var1=val1` --fromliteral=`var2=val2`
// verify the configmap
kubectrl describe cm `cfgvolume`
// create the config map
kubectrl create -f `nginx-volume.yml`
vim `nginx-configmap-pod.yaml`
apiVersion: v1
kind: Pod
- name: `nginx-volume`
configMap:
name: `cfgvolume`
containers:
- image: `nginx`
name: `nginx`
volumeMounts:
- name: `nginx-volume`
mountPath: `/etc/cfg`
restartPolicy: Always
k kubectrl apply -f `nginx-configmap-pod.yaml`
// Verify
// exec into the pod
kubectrl exec -it `nginx` -- /bin/sh
// check the path
cd `/etc/cfg`
- B. // first create a configmap `cfgvolume`
kubectrl create cm `cfgvolume` --from-literal=`var1=val1` --fromliteral=`var2=val2`
// verify the configmap
kubectrl describe cm `cfgvolume`
// create the config map
kubectrl create -f `nginx-volume.yml`
vim `nginx-configmap-pod.yaml`
apiVersion: v1
kind: Pod
metadata:
labels:
run: `nginx`
name: `nginx`
spec:
volumes:
- name: `nginx-volume`
configMap:
name: `cfgvolume`
containers:
- image: `nginx`
name: `nginx`
volumeMounts:
- name: `nginx-volume`
mountPath: `/etc/cfg`
restartPolicy: Always
k kubectrl apply -f `nginx-configmap-pod.yaml`

```
// Verify
// exec into the pod
kubectl exec -it nginx -- /bin/sh
// check the path
cd /etc/cfg
```

Answer: B

NEW QUESTION # 87

Create a deployment spec file that will:

Launch 7 replicas of the nginx Image with the label app_runtime_stage=dev deployment name: kual00201 Save a copy of this spec file to /opt/KUAL00201/spec_deployment.yaml (or /opt/KUAL00201/spec_deployment.json).

When you are done, clean up (delete) any new Kubernetes API object that you produced during this task.

Answer:

Explanation:
solution

NEW QUESTION # 88

A Service named 'my-service' is exposed on port 80 of your Kubernetes cluster. You need to access the service from a specific node in the cluster using its internal IP address. How can you find the internal IP address of the node running a pod associated with 'my-service'?

Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step) :

1. Identify the Pod:

- Use 'kubectl get pods -l service=my-service' to list the pods associated with the 'my-service' service. Note the name of the pod.

2. Get the Pod's Node:

- Use 'kubectl describe pod (where is the name of the pod from step 1) to get the details of the pod.

- Look for the 'Node' field, which indicates the node where the pod is running.

3. Get the Node's Internal IP:

- Use 'kubectl get nodes (where is the name of the node from step 2) to get the node details.

- Look for the 'InternalIP' field to find the internal IP address of the node.

4. Access the Service:

- Now you can access the 'my-service' service from the identified node using its internal IP address and the service's port (80):

- 'http://80' (replace with the internal IP obtained in step 3).

5. Important Note: Internal IP addresses are only accessible within the Kubernetes cluster. If you need to access the service from outside the cluster, you'll need to use a public IP or expose the service through a LoadBalancer or Ingress.

NEW QUESTION # 89

.....

Best CKA Preparation Materials: <https://www.examtorent.com/CKA-valid-vce-dumps.html>

- Quiz 2026 Linux Foundation Valid CKA: Exam Certified Kubernetes Administrator (CKA) Program Exam Questions Search for « CKA » and download exam materials for free through [www.verifiedumps.com] Latest CKA Exam Online
- Valid CKA Exam Simulator Reliable CKA Dumps Ppt CKA New Exam Braindumps Open website www.pdfvce.com and search for CKA for free download Certified CKA Questions
- CKA Free Updates Certified CKA Questions Latest CKA Test Pass4sure www.practicevce.com is best website to obtain CKA for free download New CKA Test Testking
- CKA New Exam Braindumps CKA Question Explanations New CKA Test Testking Easily obtain free

- download of ☐ CKA ☐ by searching on ➡ www.pdfvce.com ☐ ☐New CKA Test Testking
- www.troytecdumps.com Gives you the Necessary Knowledge to Pass CKA Certified Kubernetes Administrator (CKA) Program Exam Practice Questions ☐ Search for ➡ CKA ☐☐☐ and download exam materials for free through ➡ www.troytecdumps.com ☐ ☐CKA Question Explanations
 - Latest CKA Exam Answers ☐ Reliable CKA Dumps Ppt ☐ New CKA Test Testking ☐ Search for 【 CKA 】 and download it for free immediately on ➡ www.pdfvce.com ☐ ☐Latest CKA Test Online
 - Pass Guaranteed Quiz 2026 Linux Foundation Newest CKA: Exam Certified Kubernetes Administrator (CKA) Program Exam Questions ☐ Download “CKA” for free by simply searching on 《 www.testkingpass.com 》 ☐Latest CKA Exam Online
 - Latest CKA Test Online ☐ Valid Exam CKA Braindumps ☐ CKA New Exam Braindumps ☐ Download “CKA” for free by simply entering ➡ www.pdfvce.com ☐ website ☐Latest CKA Exam Online
 - Valid CKA Exam Simulator ☐ CKA New Exam Braindumps ☐ Reliable CKA Dumps Ppt ☐ Open website ▶ www.prepawayete.com ◀ and search for [CKA] for free download ☐New CKA Test Testking
 - Latest CKA Exam Answers ☐ Valid Exam CKA Braindumps ☐ New CKA Test Testking ☐ Search for 【 CKA 】 and download it for free immediately on ▶ www.pdfvce.com ◀ ☐CKA New Exam Braindumps
 - Get 1 year Free Updates with Linux Foundation CKA Exam Questions ☐ Easily obtain 《 CKA 》 for free download through ✓ www.pass4test.com ☐ ✓ ☐ ☐CKA Examinations Actual Questions
 - www.stes.tyc.edu.tw, lms.bbmalaysia.org, www.stes.tyc.edu.tw, nativemediastudios.com, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, Disposable vapes

BONUS!!! Download part of ExamTorrent CKA dumps for free: <https://drive.google.com/open?id=1nfPfbkzTUmDSZID-8pkPH5qDg1IvHEEB>