Linux Foundation CKA

Linux Foundation Kubernetes Administrator Certification Questions & Answers

Get Instant Access to Vital Exam Acing Materials | Study Guide | Sample Questions | Practice Test

CKA

Certified Kubernetes Administrator (CKA)

15-20 Questions Exam – 66% Cut Score – Duration of 120 minutes

Table of Contents:

Discover More about the CKA Certification

Are you interested in passing the Linux Foundation CKA exam? First discover, who benefits from the CKA certification. The CKA is suitable for a candidate if he wants to learn about Cloud & Containers. Passing the CKA exam earns you the Certified Kubernetes Administrator (CKA) title.

While preparing for the CKA exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The CKA PDF contains some of the most valuable preparation tips and the details and instant access to useful **CKA study materials just at one click.**

Linux Foundation CKA Kubernetes Administrator Certification Details:

Exam Name	Certified Kubernetes Administrator
Exam Code	CKA
Exam Price	$395 USD
Duration	120 minutes
Number of Questions	15-20
Passing Score	66%
Recommended Training / Books	**Kubernetes Fundamentals (LFS258)**
Schedule Exam	**The Linux Foundation Training & Certification**
Sample Questions	**Linux Foundation CKA Sample Questions**
Recommended Practice	**Certified Kubernetes Administrator (CKA) Practice Test**

CKA Syllabus:

Section	Objectives	Weight
Storage	- Understand storage classes, persistent volumes - Understand volume mode, access modes and reclaim policies for volumes - Understand persistent volume claims primitive - Know how to configure applications with persistent storage	**10%**
Troubleshooting	- Evaluate cluster and node logging - Understand how to monitor applications - Manage container stdout & stderr logs - Troubleshoot application failure	**30%**

Section	Objectives	Weight
	- Troubleshoot cluster component failure - Troubleshoot networking	
Workloads & Scheduling	- Understand deployments and how to perform rolling update and rollbacks - Use ConfigMaps and Secrets to configure applications - Know how to scale applications - Understand the primitives used to create robust, self-healing, application deployments - Understand how resource limits can affect Pod scheduling - Awareness of manifest management and common templating tools	**15%**
Cluster Architecture, Installation & Configuration	- Manage role based access control (RBAC) - Use Kubeadm to install a basic cluster - Manage a highly-available Kubernetes cluster - Provision underlying infrastructure to deploy a Kubernetes cluster - Perform a version upgrade on a Kubernetes cluster using Kubeadm - Implement etcd backup and restore	**25%**
Services & Networking	- Understand host networking configuration on the cluster nodes - Understand connectivity between Pods - Understand ClusterIP, NodePort, LoadBalancer service types and endpoints - Know how to use Ingress controllers and Ingress resources - Know how to configure and use CoreDNS - Choose an appropriate container network interface plugin	**20%**

Broaden Your Knowledge with Linux Foundation CKA Sample Questions:

Question: 1

What is the image used to create the pods in the deployment?

a) NGINX
b) BUSYBOX777
c) BUSYBOX-POD
d) BUSYBOX-CONTAINER
e) kodekloud/simple-webapp:red

Answer: e

Question: 2

Why do you think the deployment is not ready?

a) The image BUSYBOX888 doesn't exist
b) Application has errors
c) Deployment was not created correctly
d) Kubernetes is faulty

Answer: a

Question: 3

Which of the below is a DaemonSet?

a) etcd-master
b) scheduler
c) kube-flannel-ds
d) coredns

Answer: c

Question: 4

Out of all the existing PODs, how many are ready?

a) 4
b) 1
c) 2
d) 3
e) 0

Answer: e

Question: 5

Updates to dynamic user group membership are automatic therefore using dynamic user groups instead of static group objects allows you to:

a) respond to changes in user behavior or potential threats without automatic policy changes
b) respond to changes in user behavior or potential threats using manual policy changes
c) respond to changes in user behavior or potential threats without manual policy changes
d) respond to changes in user behavior and confirmed threats with manual policy changes

Answer: c

Question: 6

What file type upload is supported as part of the basic WildFire service?

a) BAT
b) PE
c) ELF
d) VBS

Answer: b

Question: 7

What is the image used to create the pods in the new deployment?

a) BUSYBOX-CONTAINER
b) BUSYBOX777
c) BUSYBOX888
d) NGINX
e) BUSYBOX-POD

Answer: c

Question: 8

An administrator accidentally closed the commit window/screen before the commit was finished. Which two options could the administrator use to verify the progress or success of that commit task?

(Choose two)

a) Task Manager
b) Configuration Logs
c) Traffic Logs
d) System Logs

Answer: a, b

Question: 9

How many contexts are defined in the default kubeconfig file?

a) 2
b) 3
c) 4
d) 1

Answer: d

Question: 10

What is the image used to create the new pods?

You must look at one of the new pods in detail to figure this out.

a) NEWPOD
b) BUSYBOX
c) NGINX
d) JENKINS

Answer: b

Avail the Study Guide to Pass Linux Foundation CKA Kubernetes Administrator Exam:

- Find out about the CKA syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **CKA syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the CKA training. Joining the Linux Foundation provided training for CKA exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **CKA sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. CKA practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the CKA exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.