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#1 Cloud and VM Certification Guide

Linux Foundation CKA

LINUX FOUNDATION KUBERNETES ADMINISTRATOR CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

CKA

Certified Kubernetes Administrator (CKA)

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

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Know Your CKA Certification Well:

The CKA is best suitable for candidates who want to gain knowledge in the Linux Foundation Cloud & Containers. Before you start your CKA preparation you may struggle to get all the crucial Kubernetes Administrator materials like CKA syllabus, sample questions, study guide.

But don't worry the CKA PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the CKA syllabus?
- How many questions are there in the CKA exam?
- Which Practice test would help me to pass the CKA exam at the first attempt?

Passing the CKA exam makes you Certified Kubernetes Administrator (CKA). Having the Kubernetes Administrator certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

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 - Troubleshoot cluster component failure - Troubleshoot networking	30%
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%

Linux Foundation CKA Sample Questions:

Question: 1

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: 2

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: 3

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

Question: 4

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: 5

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

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

Answer: e

Question: 6

Which of the below is a DaemonSet?

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

Answer: c

Question: 7

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: 8

How many contexts are defined in the default kubeconfig file?

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

Answer: d

Question: 9

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: 10

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

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

Answer: b

Study Guide to Crack Linux Foundation Kubernetes Administrator CKA Exam:

- Getting details of the CKA syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CKA exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Linux Foundation provided training for CKA exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CKA sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CKA practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for CKA Certification

Make VMExam.com your best friend during your Certified Kubernetes Administrator exam preparation. We provide authentic practice tests for the CKA exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CKA exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the CKA exam.

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