

# Linux Foundation CKAD

**Linux Foundation CNCF Kubernetes Application Developer Certification Questions & Answers**

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**CKAD**

**[Certified Kubernetes Application Developer \(CKAD\)](#)**

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



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## Discover More about the CKAD Certification

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

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

## Linux Foundation CKAD CNCF Kubernetes Application Developer Certification Details:

<b>Exam Name</b>	Certified Kubernetes Application Developer
<b>Exam Code</b>	CKAD
<b>Exam Price</b>	\$395 USD
<b>Duration</b>	120 minutes
<b>Number of Questions</b>	15-20
<b>Passing Score</b>	66%
<b>Recommended Training / Books</b>	<a href="#">Kubernetes for Developers (LFD259)</a>
<b>Schedule Exam</b>	<a href="#">The Linux Foundation Training &amp; Certification</a>
<b>Sample Questions</b>	<a href="#">Linux Foundation CKAD Sample Questions</a>
<b>Recommended Practice</b>	<a href="#">Certified Kubernetes Application Developer (CKAD) Practice Test</a>

## CKAD Syllabus:

Section	Objectives	Weight
<b>Application Design and Build</b>	<ul style="list-style-type: none"> <li>- Define, build and modify container images</li> <li>- Understand Jobs and CronJobs</li> <li>- Understand multi-container Pod design patterns (e.g. sidecar, init and others)</li> <li>- Utilize persistent and ephemeral volumes</li> </ul>	<b>20%</b>
<b>Application Deployment</b>	<ul style="list-style-type: none"> <li>- Use Kubernetes primitives to implement common deployment strategies (e.g. blue/green or canary)</li> <li>- Understand Deployments and how to perform rolling updates</li> <li>- Use the Helm package manager to deploy existing packages</li> </ul>	<b>20%</b>

Section	Objectives	Weight
<b>Application Observability and Maintenance</b>	<ul style="list-style-type: none"> <li>- Understand API deprecations</li> <li>- Implement probes and health checks</li> <li>- Use provided tools to monitor Kubernetes applications</li> <li>- Utilize container logs</li> <li>- Debugging in Kubernetes</li> </ul>	<b>15%</b>
<b>Application Environment, Configuration and Security</b>	<ul style="list-style-type: none"> <li>- Discover and use resources that extend Kubernetes (CRD)</li> <li>- Understand authentication, authorization and admission control</li> <li>- Understanding and defining resource requirements, limits and quotas</li> <li>- Understand ConfigMaps</li> <li>- Create &amp; consume Secrets</li> <li>- Understand ServiceAccounts</li> <li>- Understand SecurityContexts</li> </ul>	<b>25%</b>
<b>Services and Networking</b>	<ul style="list-style-type: none"> <li>- Demonstrate basic understanding of NetworkPolicies</li> <li>- Provide and troubleshoot access to applications via services</li> <li>- Use Ingress rules to expose applications</li> </ul>	<b>20%</b>

## Broaden Your Knowledge with Linux Foundation CKAD Sample Questions:

### Question: 1

What user is configured in the research context?

- a) test-user
- b) aws-user
- c) dev-user
- d) admin-user

**Answer: c**

### Question: 2

Why do you think the PODs are not ready?

- a) Application has errors
- b) The image BUSYBOX777 doesn't exist
- c) Kubernetes is faulty
- d) Replicaset was not created correctly

**Answer: b**

**Question: 3**

At what location is the ServiceAccount credentials available within the pod?

- a) /etc/run/secrets
- b) /var/run/secrets
- c) /opt/run/secrets
- d) /var/run/token

**Answer: b**

**Question: 4**

If the requirement does not match any of the configured paths what service are the requests forwarded to?

- a) default-backend
- b) default-backend-service
- c) The last service configured
- d) No Service

**Answer: d**

**Question: 5**

A deployment has been created in the default namespace. What is the deployment strategy used for this deployment?

- a) Blue-Green
- b) Canary
- c) Recreate
- d) Rolling Update

**Answer: d**

**Question: 6**

Why is the claim not bound to the available Persistent Volume?

- a) Capacity Mismatch
- b) PV and PVC name mismatch
- c) Access Modes Mismatch
- d) Reclaim Policy not set correctly

**Answer: c**

**Question: 7**

How many roles exist in the default namespace?

- a) 1
- b) 0
- c) 2
- d) 3

**Answer: b**

**Question: 8**

What would happen to the PV if the PVC was destroyed?

- a) The PV is not deleted but not available
- b) The PV is made available again
- c) The PV is deleted as well
- d) The PV is scrubbed

**Answer: a**

**Question: 9**

You requested for 50Mi, how much capacity is now available to the PVC?

- a) 1Gi
- b) 0
- c) 100Mi
- d) 50Mi

**Answer: c**

**Question: 10**

We just deployed the Dashboard application. Inspect the deployment. What is the image used by the deployment?

- a) gcr.io/kodekloud/customimage/my-kubernetes-dashboard
- b) kodekloud/my-kubernetes-dashboard
- c) kubernetes-dashboard
- d) web-dashboard

**Answer: a**

## Avail the Study Guide to Pass Linux Foundation CKAD CNCF Kubernetes Application Developer Exam:

- Find out about the CKAD 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 [CKAD 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 CKAD training. Joining the Linux Foundation provided training for CKAD 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 [CKAD sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. CKAD 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 CKAD 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.

## Here Is the Trusted Practice Test for the CKAD Certification

VMExam.Com is here with all the necessary details regarding the CKAD exam. We provide authentic practice tests for the CKAD exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [CKAD practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Certified Kubernetes Application Developer (CKAD).

**Start Online practice of CKAD Exam by visiting URL**

**<https://www.vmexam.com/linux-foundation/ckad-certified-kubernetes-application-developer>**