

# Linux Foundation CKAD

LINUX FOUNDATION KUBERNETES APPLICATION DEVELOPER CERTIFICATION  
QUESTIONS & ANSWERS

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Exam Summary – Syllabus – Questions

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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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## Know Your CKAD Certification Well:

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

But don't worry the CKAD 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 CKAD syllabus?
- How many questions are there in the CKAD exam?
- Which Practice test would help me to pass the CKAD exam at the first attempt?

Passing the CKAD exam makes you Certified Kubernetes Application Developer (CKAD). Having the Kubernetes Application Developer 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 CKAD 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>
<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>

# 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

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: 3

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: 4

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: 5**

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: 6**

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: 7**

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: 8**

How many roles exist in the default namespace?

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

**Answer: b**

**Question: 9**

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**

**Question: 10**

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

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

**Answer: c**

## Study Guide to Crack Linux Foundation Kubernetes Application Developer CKAD Exam:

- Getting details of the CKAD 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 CKAD 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 CKAD 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 CKAD 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 CKAD practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for CKAD Certification

Make VMExam.com your best friend during your Certified Kubernetes Application Developer exam preparation. We provide authentic practice tests for the CKAD exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CKAD 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 CKAD exam.

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

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