# CKAD – Preparation Guide

1. First tip is PRACTICE, PRACTICE and PRACTIVE because you have to solve realtime tasks on k8s clusters.
   1. You would be getting around 19 tasks in 120 mins to solve on k8s cluster.
   2. You can crack the exam only by practice
2. Install minikube in ubuntu machine
   1. <https://linuxhint.com/install-minikube-ubuntu/>
   2. <https://computingforgeeks.com/how-to-install-minikube-on-ubuntu-debian-linux>
3. Online Course
   1. <https://www.udemy.com/course/learn-kubernetes/> (if you want to know basics)
   2. <https://www.udemy.com/course/certified-kubernetes-application-developer/>
4. Practice Questions
   1. <https://rharshad.com/ckad-certification-tips/>
   2. <https://github.com/mmumshad/kubernetes-the-hard-way>
   3. <https://github.com/dgkanatsios/CKAD-exercises>
   4. <https://github.com/lucassha/CKAD-resources>
   5. <https://kgamanji.medium.com/how-i-passed-my-ckad-with-97-6b54dcffa72f>
   6. Frequently used bash commands: <https://github.com/bmuschko/ckad-prep/blob/master/8-bonus.md>
   7. <https://medium.com/bb-tutorials-and-thoughts/practice-enough-with-these-questions-for-the-ckad-exam-2f42d1228552>
   8. <https://github.com/twajr/ckad-prep-notes>
   9. <https://codeburst.io/kubernetes-ckad-weekly-challenges-overview-and-tips-7282b36a2681>
   10. <https://matthewpalmer.net/kubernetes-app-developer/articles/ckad-practice-exam.html>
   11. <https://medium.com/@ajay.bhosale00/certified-kubernetes-application-developer-tips-to-crack-d9ae8354c09c>
5. Youtube videos
   1. <https://www.youtube.com/watch?v=S24LN5h_pac>
   2. <https://www.youtube.com/watch?v=rnemKrveZks>
   3. Vim editor commands: <https://www.youtube.com/watch?v=S24LN5h_pac>
   4. Vim crash course: <https://www.youtube.com/watch?v=knyJt8d6C_8>
6. Tips:
   1. <https://www.youtube.com/watch?v=TJSAcwUP0pE>
   2. <https://www.youtube.com/watch?v=wgfjXHw7uPs>
   3. <https://www.youtube.com/watch?v=tpzA3AJt2jQ&t=37s>
   4. <https://www.youtube.com/watch?v=daJs-09iLpY>
   5. <https://www.youtube.com/watch?v=rnemKrveZks&t=2s> ( few commands are outdated but good one to refer
7. Bookmarks:
   1. This is for exam for easy navigation based on question topic
   2. 
8. Documents:
   1. Most of the questions based on kubernetes document so going thru tasks and documents in official k8s document will help us in the exam
   2. <https://kubernetes.io/docs/concepts/>
   3. <https://kubernetes.io/docs/tasks/>
9. Exam Termina Tips:
   1. Kubectl autocomplete and alias commands (really saves lot of your time in exam)
      1. <https://kubernetes.io/docs/reference/kubectl/cheatsheet/> ( refer autocomplete section
   2. Set export for frequently used command options
      1. export do="--dry-run=client -o yaml"
      2. export kill="--grace-period=0 --force"
   3. Vi m editor setup in ~/.vimrc

set tabstop=2

set shiftwidth=2

set expandtab

set autoindent

set smartindent

set nowrap

set nu