



Certified Kubernetes Administrator (CKA) Certification BootCamp

Duration: 4 Days

DESCRIPTION

This course aims to help participants prepare for Certified Kubernetes Administrator examination by the Cloud Native Computing Foundation (CNCF). Hence the outline is derived out of the CKA curriculum published by CNCF and the entire course is based on Kubernetes clusters built using Kubeadm and by using Kubernetes version 1.14

Kubernetes Essentials course and Certified Kubernetes Application Developer course are mandatory pre-requisite to take up prior to taking this course, as many of the essential topics of CKA are covered as part of Kubernetes Essentials course and CKAD course.

OBJECTIVES

- Creating a Kubernetes cluster with version 1.14 of Kubernetes using Kubeadm
- Understand how scheduling happens in Kubernetes
- Understand security measures in your Kubernetes cluster
- Performing Installation, Configuration and Validation of a HA Cluster
- CKA exam overview
- Understanding various troubleshooting scenarios in Kubernetes
- Understand how to manage Logging and Monitoring in Kubernetes
- Practice cluster maintenance scenarios
- Deep dive into Kubernetes networking
- Understanding package management with Helm

COURSE OUTLINE

DAY 1

- Kubernetes Overview
- Kubernetes Architecture
- Installation, Configuration & Validation
- Kubernetes Pods
- Kubernetes Services
- Application Lifecycle Management

DAY 2

- Storage
- Workloads & Scheduling
- Security

DAY 3

- Cluster Maintenance
- Networking Deep Dive
- Logging/Monitoring

DAY 4

- Troubleshooting
- CKA Overview

WHO SHOULD ATTEND

- Developers who wish to containerize software applications
- Administrators who are new to container technology and container orchestration
- Architects who are considering using container technologies in software architectures

PREREQUISITES

- Knowledge of basic unix / linux commands will be good to have
- Valid AWS account and individual credentials to create EC2 instances
- Should have knowledge to create AWS EC2 instances and should know how to access EC2 instances via SSH

TESTIMONIALS

“ Best training center to learn AWS Cloud Computing Services in India. Training was excellent and trainer has good knowledge about the real world market and used these cases to explain the course content. ”

- **Santosh (NOC Lead, CA Technologies)**

“ Good faculty, great atmosphere, great examples, made my life easier. Wish to advice friends & colleagues to join CloudThat. Great going, keep up the good work. Wish you a great success. ”

- **Veerendra (Assistant Manager, Accenture)**

“ Excellent training, there were lot of things to learn even for experienced AWS user. Trainer has very good knowledge and was able to explain real scenarios which were very good. ”

- **Srinivasa Rao (Technical Manager, Samsung Research India Bangalore)**

For training inquiry,
please email us at: sales@cloudthat.in



CloudThat Technologies
+91 8880002200
sales@cloudthat.in | www.cloudthat.in