

CN120: Kubernetes Application Essentials

Price: 1600

Duration: 2 days

Delivery Methods: Virtual

Overview

Whether your focus is on developing containerized applications or managing a container-centric infrastructure, CN120 introduces Kubernetes container orchestration for everyone involved in the software development life cycle. Through a real-world approach for design and deployment considerations, students can expect to learn about the foundational Kubernetes components required for application workloads. Specifically, students will examine Kubernetes architecture, explore how Kubernetes objects work together for running an application, and learn how Kubernetes makes use of compute, networking, and storage resources.

Audience Profile

- Motivations: General technical audiences & IT professionals
- Roles: Architect basic applications for Kubernetes

At Course Completion

- Make effective use of pod architecture
- Deploy workloads as Kubernetes controllers
- Provision configuration at runtime to Kubernetes workloads
- Network pods together across a cluster using native services
- Provision highly available storage to Kubernetes workloads
- Package an application as a Helm chart

Outline

Prerequisites

- Familiarity with the Bash shell
- Filesystem navigation and manipulation
- Command line text editors like vim or nano
- Common tooling like curl, wget and ping
- Familiarity with YAML and JSON notation
- CN100 course or equivalent experience / knowledge

Course Schedule

Date	Time	Price	Options
06/02/2026	08:00 AM - 04:00 PM CT	1,600.00	Buy Now Enroll

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FAQ

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What is your late policy?

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What happens when I finish my class?

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