



# MIRANTIS

## Mirantis - CN220: Kubernetes Operations

---

<b>Code:</b>	CN220
<b>Length:</b>	2 days
<b>URL:</b>	<a href="#">View Online</a>

---

## Prerequisite Courses

### Cloud Native - CN120: Kubernetes Application Essentials

[View Details](#)

### Cloud Native - CN120: Kubernetes Application Essentials (On Demand)

[View Details](#)

- CN220 centers on developing the skills and knowledge needed for Day-1 Kubernetes operations for managing applications. Using best practices as guiding principles, students will engage in topics pertaining to the Kubernetes architecture to make informed decisions for production workloads. Topics include configuring resource availability for applications, implementing advanced scheduling for applications, and administering user roles and permissions for the Kubernetes cluster. Kubernetes Operations and System Integration teams will benefit greatly as they plan and deploy their Kubernetes production environments.

## Skills Gained

- Kubernetes Architecture
- Managing Application Security
- Releasing updates to Kubernetes workloads
- Scheduling options for Kubernetes workloads
- Managing Kubernetes cluster resources
- Mapping ingress to an application
- Enabling security in the Kubernetes Security Model
- Provisioning networking within the Kubernetes cluster
- Implementing multi-tenancy in a Kubernetes cluster

## Who Can Benefit

- Motivations: Perform core “day-1” operational tasks on Kubernetes
- Roles: Infrastructure and Integration engineers tasked with day-to-day application workload management; IT professionals looking to expand skills in Kubernetes administration

## Course Details

### Lab Requirements

- Laptop with WiFi connectivity
- Attendees should have the latest Chrome or Firefox installed, and a free account at [strigo.io](https://strigo.io)

## Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

### Cloud Native - Advanced Kubernetes Operations

[View Details](#)

---

Refer a friend or colleague and get up to \$100 Amazon gift card\* — when they book training!

[Learn More](#)