



# MIRANTIS

## Mirantis - CN120: Kubernetes Application Essentials

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Code:	CN120
Length:	2 days
URL:	<a href="#">View Online</a>

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### Prerequisite Courses

#### Cloud Native - CN100: Docker Containerization Essentials

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#### Cloud Native - CN100: Docker Containerization Essentials (On Demand)

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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.

### Skills Gained

- 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

### Who Can Benefit

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

### 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 - CN220: Kubernetes Operations**

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## **Cloud Native - CN230: Kubernetes Native Application Development**

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## **Cloud Native - CN212: Mirantis Kubernetes Engine (MKE)**

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## **Cloud Native - CN220: Kubernetes Operations (On Demand)**

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## **Cloud Native - CN230: Kubernetes Native Application Development (On Demand)**

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