

Mirantis - Introduction to Cloud Native Technology

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy
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Course Number: CN50

Duration: 0.5 days

Overview

Course Description

In this course, you'll learn the basics of cloud and cloud-native computing. We'll cover cloud-native terminology and basic architecture, history and industry trends, general architecture, the cloud-native community and industry leaders, advantages and limitations of cloud computing, and what's involved with migrating to the cloud. This course is designed to enable you make decisions about next steps when considering implementing cloud-native technologies and practices in your organization.

Who Can Benefit

- **Role:** IT managers and professionals
- **Motivations:** learn fundamentals of cloud-native technologies

Prerequisites

Some familiarity with the software development industry helpful

Audience

Course Details

Terminology and Basic Overview

- Overview and Activity
- What is the “Cloud”
- Cloud Deployment Models
- Cloud Service Models
- What is Cloud-Native
- OACA and CNCF
- Key Abbreviations
- Key Applications
- Other Key Terms

The History of Cloud Computing

- Timeline - Key eras and Key events
- Future Trends

Key Industry Players

- Cloud-native Community
- Cloud Service Providers
- Other Companies

Cloud Fundamentals

- The Advantages of Cloud Computing
- The Limitations of Cloud Computing
- The Economics of Cloud Computing

The Migration to Cloud Native

- What is Cloud Maturity?
- What is Cloud Native Architecture
- From Monolith to Cloud Native
- Transforming the Pipeline for Cloud-Native Development

Next Steps

- Additional Resources
- Cloud Maturity Models
- Training from Mirantis