Helm Charts

🕐 Duration: 1 Days
🈺 Available Languages: English German

Audience

Audience willing to learn basics of cloud computing and Google Cloud Platform.

Precondition

Knowledge of Docker, Git, Kubernetes, networking concepts, Linux terminal usage.

Goals

To learn cloud computing with Google Cloud Platform.

Contents

- Introduction
    - # Intrinsic Kubernetes Complexity
    - # Standard Kubernetes components: Charts
    - # Helm Package Manager as CI/CD tool
    - # Docker Refresh
    - # Kubernetes Cluster Architecture Refresh
    - # Feature Overview
- Getting Started
    - # Installing Helm
    - # Setting up Kubernetes
    - # Running Helm
    - # Helm Repositories
    - # Dashboard and CLI
- Charts
    - # Repository Setup
    - # File Structure
    - # Creating a Chart
    - # Deployment
    - # Application Management
    - # Namespaces
    - # Lifecycle management with Hooks
- Helm Safety and Security
    - # Authentication and Authorization
    - # Monitoring and Logging
    - # Testing Helm
- Advanced Topics

\# Multitenancy
\# Private Repositories

Booking

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