

Mastering Kubernetes Security with Kyverno (LFS255)

Learn to create, apply and manage Kyverno policies and reporting tools that help identify potential violations in real-time and proactively address security and compliance in Kubernetes clusters.

Duration: 5 Days

Prerequisites for this course

In order to complete this course, learners should be able to:

- Kubernetes fundamentals, including RBAC and policy concepts
- YAML syntax
- Command-line interface (CLI)
- Containerization.

Outline for this course

Chapter 1 - Course Introduction

Chapter 2 - Overview of Kubernetes Policies

Chapter 3 - Kyverno Introduction and Installation

Chapter 4 - Writing Policies

Chapter 5 - Enforcing Policies

Chapter 6 - Mutation Policies

Chapter 7 - Policy Validation and Testing

Chapter 8 - Monitoring and Troubleshooting

Chapter 9 - Reporting in Kyverno

Chapter 10 - Securing Kyverno

Chapter 11 - Integration and Extensibility

Chapter 12 - Multi-Cluster Policy Management

Chapter 13 - Contributing to the Kyverno Project