

Certified GitOps Associate

Duration: 3 Days (8 hours/day)

GitOps Terminology

Continuous
Declarative Description
Desired State
State Drift
State Reconciliation
GitOps Managed Software System
State Store
Feedback Loop
Rollback

GitOps Principles

Declarative
Versioned and Immutable
Pulled Automatically
Continuously Reconciled

Related Practices

Configuration as Code
Infrastructure as Code
DevOps and DevSecOps
CI and CD

GitOps Patterns

Deployment and Release Patterns
Progressive Delivery Patterns
Pull vs Event-Driven
Architecture Patterns

Tooling

Manifest Format and Packaging
State Store Systems (Git and alternatives)
Reconciliation Engines (ArgoCD, Flux and alternatives)
Interoperability with Notifications, Observability and Continuous Integration Tools