DevOps Crash Course

🕐 Duration: 1 Days
🌐 Available Languages: English German

Audience

Software Developers, Architects and Deployment Engineers.

Precondition

Good to have basic DevOps knowledge.

Goals

To learn DevOps concept and various tools used in DevOps.

Contents

- DevOps Overview
- DevOps Lifecycle
    - # Continuous Development
    - # Continuous Testing
    - # Continuous Design Improvement
    - # Continuous Integration
    - # Continuous Deployment
    - # Continuous Monitoring
- Tool Time
    - # Build Automation
    - # Test Automation
    - # Deployment Automation
    - # Environment Provisioning
    - # Automated Feedback and Monitoring
- Build and Test Automation
    - # Jenkins
        - # Installation and Configuration Management
        - # Setup Build Jobs
    - # Selenium
    - # JMeter
    - # Testing Strategy for Deployment
    - # Quick Feedback
- Deployment Automation
    - # Git
        - # Git Basics
        - # Git Essentials
    - # Ansible
        - # Managing Multiple Machines

- # Writing simple Playbooks
- # Comparison to Chef and Puppet
- # Docker
  - # Deployment through Registry
- # Kubernetes
  - # Basics
  - # Deployment
- # Pod and Replication Controller
- # Replication
- Environment Provisioning
  - # AWS
- Automated Feedback and Monitoring
  - # Nagios

Booking

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