

DevOps best Practices

An in-depth training program to master advanced DevOps practices.

Category: Cloud · Duration: 3 days

WHO IT IS FOR

- DevOps engineers, SREs and ops teams
- Project managers, Scrum masters and team leads
- Teams that want hands-on practice on real scenarios

This comprehensive training program is designed to provide participants with a deep understanding of advanced DevOps practices. It covers a wide range of topics including continuous integration, deployment automation, containerization, and cloud technologies. Through hands-on exercises and real-world case studies, participants will gain the necessary skills to optimize software delivery pipelines and improve collaboration between development and operations teams.

Prerequisites

Basic knowledge of DevOps principles and practices.

Syllabus

- Introduction to Advanced DevOps
- Continuous Integration and Delivery
- Infrastructure as Code
- Configuration Management
- Containerization and Orchestration
- Cloud Computing in DevOps
- Monitoring and Alerting
- Scaling and High Availability
- Security and Compliance in DevOps
- DevOps Best Practices
- Case Studies and Real-World Examples
- Automated Testing and Quality Assurance
- Collaboration Tools and Processes
- Release Management and Deployment Strategies

- Performance Optimization and Tuning
- Infrastructure Monitoring and Log Management
- DevOps Culture and Team Dynamics
- Agile Project Management in DevOps
- DevOps in Enterprise and Large-Scale Environments
- Risk Management and Mitigation
- Future Trends and Emerging Technologies