

Azure Pipelines #050101

Das Trainings findet sich vom 13.04.2026 bis zum 17.04.2026 statt und wird auf Englisch gehalten.

Es läuft von 08:30 bis 17:00.

Das Training findet sich am Ort in Circle Business Center am Zürich Flughafen und per Online statt. (Hybrid)

Anforderungen

- Verständnisses von PaaS-, SaaS- und IaaS-Implementierungen.
- Azure Vorkenntnisse.
- Es wäre hilfreich, Erfahrungen in einer Organisation zu haben, die Software liefert.

Requirements

- Understanding of PaaS, SaaS and IaaS implementations.
- Basic knowledge of Azure.
- It would be helpful to have experience in an organization that delivers software.

Key Learnings

1. Continuous Integration Basics
2. Continuous Delivery & Deployment
3. Pipelines & YAML Configuration
4. Security, Secrets & Governance
5. Artifact and Package Management
6. Automated Testing Integration
7. Infrastructure as Code Automation
8. Monitoring & Continuous Feedback
9. Collaboration & DevOps Culture
10. End-to-End DevOps Competency

Outcome

Participants learn to:

- ✓ Build & manage CI/CD pipelines in Azure DevOps
- ✓ Automate builds, tests, and deployments
- ✓ Secure DevOps workflows
- ✓ Deploy code to VMs, Web Apps, Containers & AKS
- ✓ Operate cloud delivery pipelines in production

Program Content Modules

Module 1 – DevOps Fundamentals

Module 2 – Introduction to Azure DevOps

Module 3 – Version Control with Azure Repos

Module 4 – Build Pipelines (CI)

Module 5 – Release Pipelines (CD)

Module 6 – Infrastructure as Code

Module 7 – Testing & Quality Gates

Module 8 – Continuous Monitoring & Feedback

Module 9 – Container CI/CD

Module 10 – Security & Governance

Module 11 – Integration with Azure Services

Module 12 – Real-World CI/CD Projects

By the end of the course, participants can:

Build → Test → Secure → Deploy → Monitor software on Azure using fully automated pipelines.