Fast Lane

Continuous Testing Foundation (CTF)

ID CTF **Price** CHF 1,290.—(excl. VAT) **Duration** 2 days

Who should attend

The target audience for the Continuous Testing Foundation course is anyone involved in defining a DevOps Testing strategy, such as

- Delivery Staff
- DevOps Engineers
- IT Managers
- Project Managers
- Lab Staff
- Maintenance and Support Staff
- Quality Assurance Managers
- Quality Assurance Teams
- Release Managers
- Testers
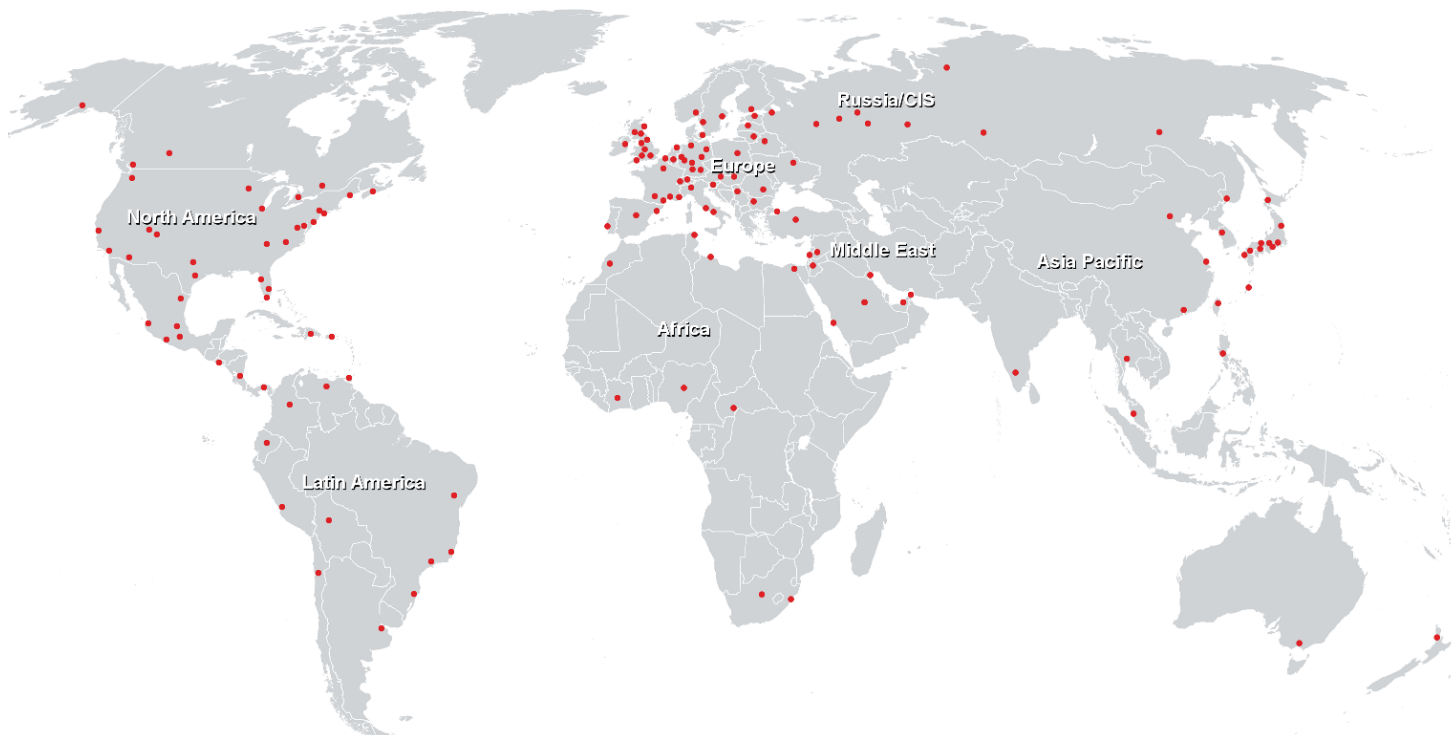- Software Engineers

Prerequisites

An understanding and knowledge of common DevOps terminology and concepts and related work experience are recommended.

Course Content

- Course Objectives and Modules, Logistics
- What is DevOps Testing and its Business Benefits?
- Relation of DevOps testing to other test methodologies
- DevOps testing best practices
    - DevOps Testing Terminology
    - Culture changes
    - Organization changes
    - Process and team friction
    - Motivation strategies
    - Measuring Success
    - Continuous Evolution
    - Troubleshooting
- What is the DevOps pipeline?
    - DevOps Testing on the pipeline
    - Test strategy choices
    - Pre-Flight strategies
    - Continuous Integration Testing
    - System, Delivery and Customer Testing
    - Test Environments
    - Lab Management
        - Topology orchestration
- Test Automation Frameworks
    - Test Tools
    - Selection criterion
    - Automated metrics
    - Key concepts
- Test Case Best Practices & Design Exercise
- Test Suite Best Practices & Design Exercise
- Principles of DevOps Management
- DevOps Test Management Metrics
- DevOps Management Tools
- DevOps Test Results Analysis
- Integrating DevOps Results Analysis
- Test Management Exercise
- Fictitious Product Test Requirements
- Individual Exercise
- Class discussion
- Exam Preparation

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Training Centres worldwide

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