Starting with Microsoft Azure (AZFUN)

ID AZFUN **Price** CHF 1,780.—(excl. VAT) **Duration** 2 days

Who should attend

This course is suitable for IT personnel who are just beginning to work with Azure. This audience wants to learn about our offerings and get hands-on experience with the product. This course primarily uses the Azure portal to create services and does not require scripting skills. Students in this course will gain confidence to take other role-based courses and certifications, such as Azure Administrator. This course provides an Azure pass and optional lab environment. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.

Prerequisites

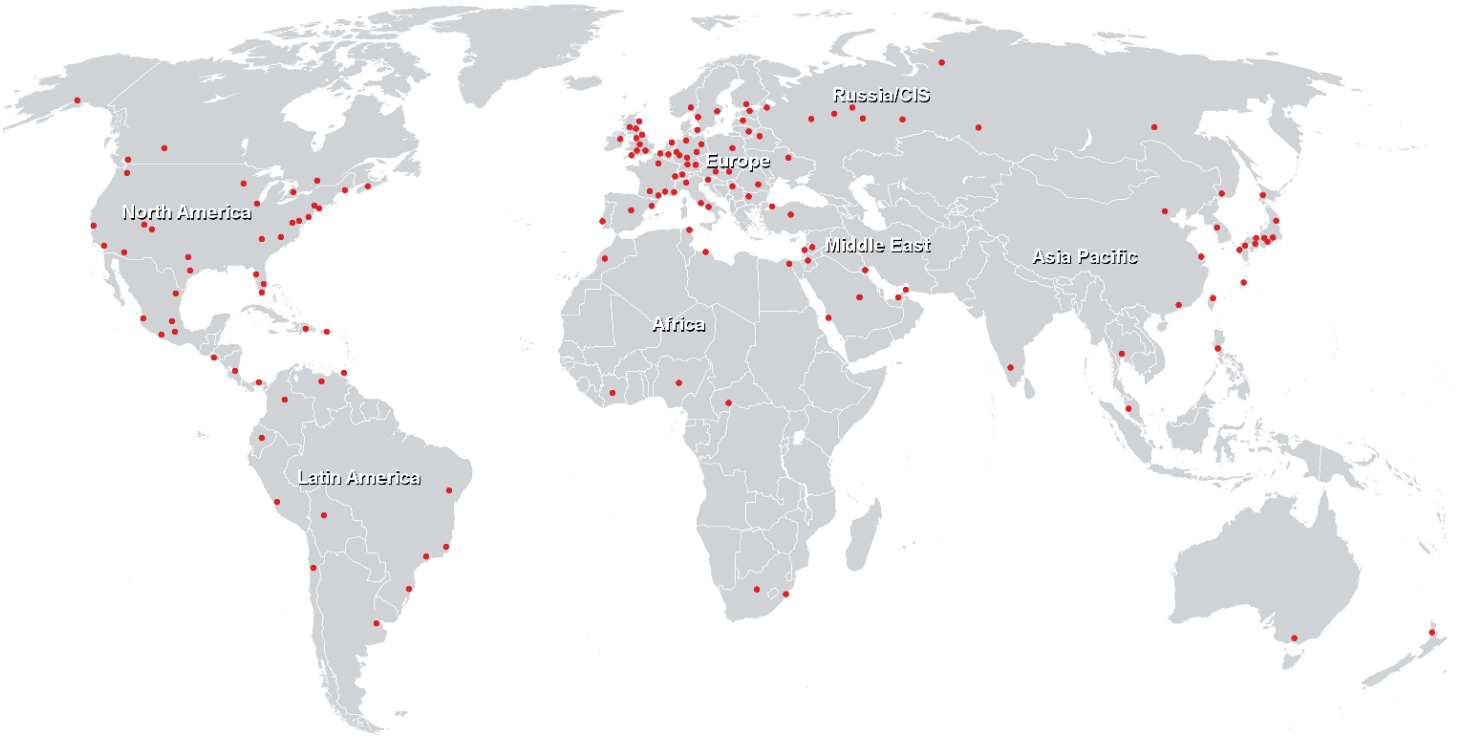
No prior knowledge is required. Interest and a basic understanding of cloud structures are beneficial.

Course Content

- Introduction into Cloud Computing
  - Cloud computing
  - Cloud benefits
  - Cloud service types
  - Azure architectural components
  - Live Demo in Azure Portal
  - Examination: How can architectural components be structured?
- Compute in Azure
  - Overview of IaaS Compute (virtual machines) and their reliability mechanisms
  - Overview of PaaS Compute Options
  - Container Options
- Networking in Azure
  - Options for secure connectivity
  - Intruduce of Hub-n-Spoke architecture
  - Examination of essentials networking components (NSGs, Firewall etc.)
  - Lab 1 Create a vnet
- Data Management in Azure
  - Core data concepts
  - Storage
  - Lab 2 Storage
  - Relational Databases
  - Non-Relational Databases
- Q&A & Closing Day 1
- Recap with a case study
- Identity, access, and security
  - Introduce to EntraID & Entra Connect
  - Concept and usage of RBAC
  - Identity and Access Management (IAM): Authentication, Authorization & MFA
  - Essential concepts of security: Conditional Access, Zero Trust,
  - Lab 3 RBAC on SQL Database
  - Examination: Access layers of an Azure resource
- Cost & Governance
  - Cost management
  - Intruduce to FinOps
  - Lab Cost Optimization Options on WebApp
  - Governance and compliance
  - Intruduce to CAF
  - Lab 5 Create an Azure Policy
- Management & Monitoring
  - Management and deployment tools
  - Azure monitoring tools
- Overview about AI in Azure
- Q&A & Closing

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Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch