

Starting with Microsoft Azure (AZFUN)

ID AZFUN **Price** 1,290.— €(excl. tax) **Duration** 2 days

Course Overview

This two-day course will provide foundational level knowledge on core Azure concepts; core Azure services; core solutions and management tools; general security and network security; governance, privacy, and compliance features; Azure cost management and service level agreements.

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
 - Introduce 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
 - Introduce to FinOps
 - Lab Cost Optimization Options on WebApp
 - Governance and compliance
 - Introduce 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

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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Germany

**Fast Lane Institute for Knowledge
Transfer GmbH**
Tel. +49 40 25334610
info@flane.de / www.flane.de

Austria

ITLS GmbH
(Partner of Fast Lane)
Tel. +43 1 6000 8800
info@itls.at / www.itls.at

Switzerland

**Fast Lane Institute for Knowledge
Transfer (Switzerland) AG**
Tel. +41 44 8325080
info@flane.ch / www.flane.ch