Microsoft Azure Fundamentals (Hands-on) – Intensive Training («A900IC»)

This course provides foundational level knowledge of cloud services and how those services are provided with Microsoft Azure.

Duration: 2 days
Price: 1'800.–
Course documents: Official Microsoft Courseware and Microsoft Learn
Vendor code: AZ-900

Content

Module 1: Describe core Azure concepts

In this module, you'll take an entry level end-to-end look at Azure and its capabilities, which will provide you with a solid foundation for completing the available modules for Azure Fundamentals.

Lessons

- Introduction to Azure fundamentals
- Discuss Azure fundamental concepts
- Describe core Azure architectural components

Module 2: Describe core Azure services

In this module, you learn about core Azure services like Azure database, Azure compute, Azure storage, and Azure Networking.

Lessons

- Explore Azure database and analytics services
- Explore Azure compute services
- Explore Azure Storage services
- Explore Azure networking services

Module 3: Describe core solutions and management tools on Azure

In this module, you'll learn about AI machine learning, Azure DevOps, monitoring fundamentals, management fundamentals, serverless computing fundamentals. and IoT fundamentals.

Lessons

- Choose the best AI service for your needs
- Choose the best tools to help organizations build better solutions
- Choose the best monitoring service for visibility, insight, and outage mitigation
- Choose the best tools for managing and configuring your Azure environment
- Choose the best Azure serverless technology for your business scenario
- Choose the best Azure IoT service for your application

Module 4: Describe general security and network security features

In this module, you will learn how to protect yourself against security threats, and secure your networks with Azure.

Lessons

- Protect against security threats on Azure
- Secure network connectivity on Azure

Module 5: Describe identity, governance, privacy, and compliance features
In this module, you will learn about Azure identity services, how to build a cloud governance strategy, and privacy, compliance and data protection standards on Azure.
Lessons

- Secure access to your applications by using Azure identity services
- Build a cloud governance strategy on Azure
- Examine privacy, compliance, and data protection standards on Azure

Module 6: Describe Azure cost management and service level agreements
In this module, you will learn how to plan and manage Azure costs, and how to choose the right Azure services though SLAs and service lifecycle.
Lessons

- Plan and manage your Azure costs
- Choose the right Azure services by examining SLAs and service lifecycle

Key Learnings

- Understanding general cloud computing concepts
- Understanding core services available with Microsoft Azure
- Understanding security, privacy, compliance and trust with Microsoft Azure
- Understanding pricing and support models available with Microsoft

Target audience

This course is for anyone who wants to learn more about Microsoft Azure. The course can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft Cloud Service courses.

Requirements

There are no pre-requisites for taking this course. Basic technical IT experience and some general IT knowledge or experience is beneficial.

- Cloud Computing – Architecture & Design («CLCOAD»)

Certification

This training prepares you for:

- **Exam:** «AZ-900: Microsoft Azure Fundamentals» for the
- **Certification:** «Microsoft Certified: Azure Fundamentals»

Further courses

- Administering Microsoft Azure SQL Solutions – Intensive Training («DP300»)
- Microsoft Certified Azure Administrator Associate («A104BC»)
- Microsoft Azure Security Engineer Associate – Flexible Training («AZ500V»)
- Microsoft Azure Security Engineer Associate – Intensive Training («AZ500»)
- Designing and Implementing Microsoft Azure Networking Solutions – Flexible Training («AZ700V»)
- Planning and Administering Microsoft Azure for SAP Workloads – Intensive Training («AZ120»)
- Planning and Administering Microsoft Azure for SAP Workloads – Flexible Training («AZ120V»)
- Data Engineering on Microsoft Azure – Flexible Training («DP203V»)
- Data Engineering on Microsoft Azure – Intensive Training («DP203»)
- Designing and Implementing Microsoft Azure Networking Solutions – Intensive Training («AZ700»)
- Developing solutions for Microsoft Azure – Flexible Training («AZ204V»)
- Microsoft Azure Administrator – Flexible Training («AZ104V»)
- Developing Solutions for Microsoft Azure – Intensive Training («AZ204»)
- Microsoft Azure Administrator – Intensive Training («AZ104»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/microsoft-azure/course-microsoft-azure-fundamentals-hands-on-intensive-training-az-900