

Azure Administrator

Audience Course Azure Administrator

The course Azure Administrator is intended for IT professionals who want to learn how to manage and maintain Microsoft Azure resources and services.

Prerequisites Course Azure Administrator

Experience with the management of operating systems and applications is required to participate in this course.

Realization Training Azure Administrator

The subject matter is explained using demos. The ratio between theory and practice is fifty fifty.

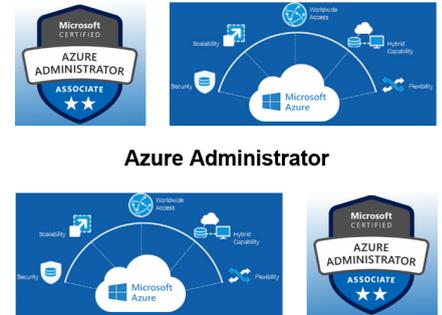
Certificate Course Azure Administrator

Attendants will receive a certificate of participation in Azure Administrator upon successful completion of the course.

Duration: 3 days

Price: € 2250

[Open Schedule](#)



Content Course Azure Administrator

The course Azure Administrator covers the essential management concepts of the Azure cloud and teaches the skills needed to administer and maintain Azure resources. The course is suitable to prepare candidates for the Microsoft Certified Azure Administrator Associate exam (AZ-104). This course is a great choice if you're new to Azure administration or looking for certification.

Azure Intro

The course Azure Administrator starts with an overview of the Azure Cloud and the different forms of Cloud Computing. Particular attention is paid to the role of the administrator and the Azure Management interfaces.

Resource Management

Then the creation of Azure Resource Groups and the use of Deployment templates such as ARM templates is discussed. Monitoring Azure Resources is also treated.

Virtual Machines

The available options when creating Virtual Machines in Azure are covered. Scaling VMs, VM Backup and VM Disaster Recovery are part of the course program as well.

Azure Networking

Then there is attention to networking in Azure with the implementation of Azure Virtual Networks, Azure DNS, Azure VPN Gateway and the Azure Firewall. Network Security Groups and Azure Load Balancing will also be discussed.

Access Management

The program of the course Azure Administration also includes how Access to Azure is regulated. Attention is also paid to Azure Active Directory, the assignment of roles and the implementation of Multi-Factor Authentication.

Storage Services

Azure Storage Services are also covered, such as Blob Storage, File Storage, Queue Storage and Disk Storage. Accessing SQL and No SQL Databases in the Azure Cloud will also be treated.

Azure Compute Services

And Azure Compute Services are explained, such as the App Service, the Kubernetes Service and the Batch Service. Serverless Computing and Azure Functions are also discussed.

Exam Preparation

Finally participants learn how to prepare for the Microsoft Certified Azure Administrator Associate exam (AZ-104). The questions from various test exams are treated and tips are given to help you pass the exam.

Modules Course Azure Administrator

Module 1 : Azure Intro	Module 2 : Resource Management	Module 3 : Virtual Machines
Intro Azure Cloud Cloud Computing Types Azure Administrator Role Azure Services Azure Portal Management Interfaces Resource Groups and Tags Subscriptions and Billing Management Tools and SDKs Azure Cost Management	What are Azure Resources? Azure Resource Groups Creating Resource Groups Deployment Templates ARM Templates Azure Resource Locks Azure Resource Policies Role-Based Access Control Azure Policies Resource Monitoring	Azure Virtual Machines Creating VMs VM Images and Disks VM Sizes Performance Options Availability Sets and Zones Azure VM Extensions VM Backup VM Disaster Recovery Scaling VMs in Azure
Module 4 : Azure Networking	Module 5 : Access Management	Module 6 : Storage Services
Azure Virtual Networks VNet Peering Azure VPN Gateway Azure ExpressRoute Azure DNS Azure Firewall Network Security Groups Azure Load Balancing Azure Application Gateway Azure CDN	Azure Active Directory AD Users and Groups Custom Roles Role Assignments AD Application Management Multi-Factor Authentication B2B and B2C Privileged Identity Management AD Conditional Access Identity Management	Overview Azure Storage Azure Storage Benefits Azure Blob Storage Azure File Storage Table Storage Azure Queue Storage Azure Disk Storage Data Lake Storage Azure SQL Database Azure Cosmos DB
Module 7 : Azure Compute Services	Module 8 : Governance and Compliance	Module 9 : Exam Preparation
Azure App Service Azure Functions Serverless Computing Logic Apps Workflow Automation Kubernetes Service Azure Batch Azure Container Registry Deployment Strategies	Policy and Blueprints Managing Azure Security Azure Security Center Azure Monitor and Log Analytics Azure Key Vault Secrets Management Azure Audit and Compliance Disaster Recovery and Backup Azure Backup and Site Recovery	AZ-104 Exam Objectives Exam Preparation Tips Azure Automation Practice Questions Mock Exams Test Taking Strategies Review Questions Q&A Sessions Final Exam Review