

Updated 05/17/2024

Sign up

AZ-900 Certification Training

ALL-IN-ONE: EXAM INCLUDED IN PRICE

hours)

2 days (14

Presentation

With our AZ-900 certification preparation, exploit new opportunities and gain fundamental knowledge related to the basics of Microsoft Cloud technologies. AZ-900 is aimed at all users starting their career in cloud IT, with the aim of broadening your knowledge and skills.

The exam will introduce general [Cloud](#) concepts, such as workloads, security or privacy, basic principles and [Azure](#)'s core services. A wide range of topics will be covered.

Our training course is designed to help you prepare for the Microsoft AZ 900 certification by reviewing all the modules you need to prepare effectively. Our trainer can adapt the course to suit you, so that certain points are covered in greater depth.

As with all our training courses, this one will introduce you to the latest version of Microsoft Azure.

Objectives

- Develop cloud skills for your day-to-day activities
- Training to pass the Microsoft AZ 900 exam
- Examine the different concepts of Azure architecture
- Discover Azure security and network security

Target audience

- Azure Administrator

- Azure Developer
- Safety professionals
- Cloud engineers

Prerequisites

- Knowledge of cloud computing (optional)
- Have an Azure account

Microsoft AZ 900 certification preparation program

Introduction to AZ-900

- Introduction to Microsoft Azure
- Create a free Azure account
- Cost monitoring
- Using a sandbox for a subscription

Cloud concepts

- Introduction to cloud computing
- The Azure marketplace
- The economic benefits of the cloud
- Cloud computing service models
- Infrastructure as a Service (IaaS)

Azure architecture and services

- Creating Azure resources
- Introduction to Azure network and compute services
- Resource groups and Azure Resource Manager
- Using Azure storage services
- Overview of virtual machine features

Security

- Azure Key Vault service overview
- Introducing Microsoft Sentinel

- Public and private access points
- Azure Information Protection
- Introduction to protection against DDoS attacks
- Securing network connectivity
- Introduction to Microsoft Defender for the Cloud

Authentication and authorization

- Multi-factor authentication (MFA)
- Single sign-on (SSO)
- Role-based access control (RBAC)
- Overview of Azure Active Directory (Azure AD)
- Zero-Trust concepts
- Azure Policy overview
- Introduction to governance and compliance functionalities and tools

Database

- Creation of Cosmos DB
- Azure SQL
- Database for MySQL
- Database for PostgreSQL
- Database migration services

Cost control and service level agreements

- Cost management
- Reducing costs
- Discovering service level agreements (SLAs)
- Pricing factor
- Azure service lifecycle

Strategy and methods for exam success

Mock exam

Exchange on specific points

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.