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Sign up

Azure Solutions Architect Expert Training (AZ-305)

ALL-IN-ONE: EXAM INCLUDED IN PRICE

3 days (21 hours)

Presentation

The Azure Solutions Architect Expert certification will enable you to prove your skills in designing advanced Azure architectures. [Microsoft's AZ-305 certification](#) will attest to your ability to create scalable, reliable and secure Azure solutions.

To be certified as an Azure Solution Architect, you need to pass the AZ-104 (Azure Administrator Associate) and AZ-305 (Microsoft Azure Infrastructure Solution Design) exams. Our training will only prepare you for the AZ-305 exam. If you wish to obtain the title "Azure Solutions Architect Expert", you should have passed the AZ-104 exam beforehand.

We also offer a [preparation course for the AZ-104](#) exam, in which all the modules are covered. Similarly, in our AZ-305 course, we teach you about infrastructure services, administration on Azure, data management and resilient service design.

Our training will enable you to develop your IT operations skills and learn the best practices for passing the AZ-305 exam.

Objectives

- Design identity, governance and monitoring solutions
- Create data storage solutions
- Design business continuity solutions
- Create infrastructure solutions
- Be ready to pass the AZ-305 exam

Target audience

- System administrators
- Cloud engineers
- Cloud architects

Prerequisites

- Basic knowledge of Cloud architectures (infrastructures, databases, containers)
- Successful completion of [AZ 104](#) or at least 6 months' experience with Azure (AZ-305 registration requires successful completion of AZ-104)
- Have an Azure account

Azure Solutions Architect Expert Training Program (AZ-305)

Identity, Governance and Monitoring

- Azure AD, Access control with RBAC
- Resource governance solutions and strategies
- Monitoring and surveillance of environments

Data storage and management

- Databases and information security
- Adapting storage to data type and usage

Designing resilient services

- VM, container and database management
- Backup and recovery mechanisms
- Redundancy and high availability

Infrastructure services

- Compute solutions: VMs, containers, serverless
- Advanced network architectures
- Integration infrastructure: caching, messages, events, APIs
- Migration of infrastructure to the cloud

Companies concerned

This course is aimed at both individuals and companies, large or small,

wishing to train their teams in a new advanced IT 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 forthcoming course, 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 training: 60% hands-on, 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.

Certification

A certificate will be awarded to each trainee who has completed the entire course.