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Sign up

Azure Solutions Architect Expert training (AZ-305)

3 days (21 hours)

Presentation

The Azure Solutions Architect Expert certification will enable you to prove your skills in designing advanced Azure architectures. This Microsoft 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 preparatory course for the AZ-104 exam, in which all the modules are covered. Likewise for our AZ-305 training course, we'll teach you about infrastructure services, administration on Azure, data management and the design of resilient services.

Our training course 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
- Creating data storage solutions
- Designing business continuity solutions
- Creating 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 the AZ 104 exam or at least 6 months' experience with Azure (AZ-305 exam 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
- Environmental monitoring and surveillance

Data storage and management

- Databases and information security
- Adapt storage to data type and use

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: cache, messages, events, APIs
- Migrating infrastructure to the cloud

Companies concerned

This training 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.