

Updated on 18/12/2024

Sign up

Microsoft SC-900 Certification Training

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

3 days (21 hours)

Presentation

Our Microsoft SC-300 training course will give you the essential grounding you need to understand and master the environment. It is an excellent first certification for occasional users of Microsoft products or those wishing to specialize in the Microsoft ecosystem.

During this training, you'll become familiar with all the different technologies used by Microsoft, but in particular Microsoft 365, as well as key concepts such as security, compliance, privacy and identity management.

You'll also be optimally prepared to pass the SC-900 certification exam.

As in all our training courses, we use the latest versions of the tools available, in particular [Microsoft 365 2411](#).

OBJECTIVES

- Pass MS-900 certification
- Mastering Microsoft Cloud concepts
- Mastering security in Microsoft

TARGET AUDIENCE

- IT professionals
- Beginners or students

- IT Security Manager

PREREQUISITES

- General knowledge of computer and network concepts
- Familiarity with Microsoft Azure and Microsoft 365 recommended

Microsoft SC-900 training program

Introduction to the concepts of security, compliance and identity:

Overview and fundamental concepts

- Introduction to the SC-900 exam: objectives, structure, tips for success.
- Introduction to security, compliance and identity (SCI) in the Microsoft ecosystem.
- Understanding Cloud services :
- Deployment models: IaaS, PaaS, SaaS.
- Models of shared responsibility.
- Introduction to Microsoft Azure :
- Overview of the Azure platform.
- Overview of key concepts: subscription, regions, resources, groups.

Microsoft Entra ID (Azure Active Directory)

- Identity and access management: identity concepts: users, groups, roles.
- Azure AD features: Authentication and authorization, Single Sign-On (SSO) and Multi-Factor Authentication (MFA).
- Hybrid identity management (Azure AD Connect).
- Practical exercises: Configuring multi-factor authentication and SSO.

Understanding Microsoft security solutions: Microsoft 365

security

- Overview of security services in Microsoft 365 :
- Threat protection with Microsoft Defender (Microsoft Defender for Office 365, Endpoint).
- Security management with the Microsoft 365 Security Center.
- Overview of data protection policies :
- Data sensitivity (DLP, information labeling).
- Conditional access management.

Azure security

- Protecting Azure resources: Microsoft Defender for Cloud: overview and configuration. Workload security.
- Threat management and monitoring: Microsoft Sentinel: basic concepts (SIEM and SOAR).
- Practical exercises: Setting up a security alert; using Microsoft Defender to analyze threats.

Compliance solutions, confidentiality and exam preparation :

Compliance and data protection

- Introduction to Microsoft compliance solutions: Microsoft Purview (compliance and eDiscovery), Microsoft 365 Compliance Center.
- Data governance: retention strategies, data protection and encryption.
- Presentation of certifications and compliance standards: RGPD, HIPAA, ISO 27001.

SC-900 exam preparation

- Tips and methodology for exam success.
- Review of the main points:
- Summary of the four domains: ICS concepts. Identity management. Security solutions. Compliance and governance.
- Mock test (practical exam): Complete quiz (50 sample questions) Correction and debriefing.

Final session

- Assessment of prior learning.
- Additional resources: Microsoft Learn documentation. Exercise materials.
- Online tests.

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 on entry to training complies with Qualiopi quality criteria. As soon as

On final registration, 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 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.