Introduction to Microsoft Security, Compliance, and Identity (SC-900T00)

Duration: 1 day
Audience: Professionnel TI

Who is this training for?

Anyone looking to learn about the fundamentals of security, compliance, and identity (SCI) in cloud-based and related Microsoft services.

Training objectives

- Describe the basic concepts of security, compliance, and identity.
- Describe the concepts and capabilities of Microsoft's identity and access management solutions.
- Describe the capabilities of Microsoft's security solutions.
- Describe compliance management capabilities in Microsoft.

Summary

This course provides foundational-level knowledge of security, compliance, and identity concepts and related cloud-based Microsoft solutions.

Course outline

Module 1: describe the concepts of security and compliance

- Shared responsibility model
- Concept of defense in depth
- Zero Trust model
- Concept of encryption and hashing
- Concepts of governance, risk, and compliance (GRC)

Module 2: Describe the concepts and capabilities of identity and access management

- Authentication and authorization
- Identity as a perimeter
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Role of the identity provider

- Concept of directory and active directory services
- Concept of federation
- Services and identity types of Microsoft Entra ID
- External identity types of Microsoft Entra
- Concept of hybrid authentication
- Authentication methods
- Multi-factor authentication (MFA)
- Protection and security features
- Microsoft Entra ID password governance
- Conditional Access in Microsoft Entra ID
- Benefits of Microsoft Entra Roles and role-based access control (RBAC)

Module 3: Describe the capabilities of Microsoft's security solutions

- Basic features of Azure security
- Azure's security management capabilities
- Microsoft Sentinel's security capabilities
- Protection against Threats with Microsoft Defender XDR

Module 4: Describe the capabilities of Microsoft's compliance solutions

- Microsoft Purview compliance portal
- Compliance solutions in Microsoft Purview
- Information protection and governance solutions in Microsoft Purview
- Insider risk management capabilities in Microsoft Purview
- eDiscovery and auditing capabilities of Microsoft Purview

Approach and methodology

Practical and structured approach combining focused theory and guided workshops.

Participants gradually learn the fundamentals of security, compliance, and Microsoft identity through real-world exercises inspired by business scenarios, leading to immediate application of learning. They learn to understand key concepts, explore Microsoft solutions, and identify best practices for securing identities, data, and environments.

Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable skills to effectively learn about security and compliance issues in a professional context.

Prerequisites

A general understanding of networking and cloud computing concepts Basic IT knowledge or experience in an IT environment Familiarity with: Microsoft Azure Microsoft 365

Recommendations

To take this training, it is recommended that participants have:

- A general understanding of networking and cloud computing concepts.
- General IT knowledge or any general experience working in an IT environment.
- A general understanding of Microsoft Azure and Microsoft 365.
- Knowledge of Microsoft Purview and its interface.