

Microsoft 365 Security Administration

Description

In this course you will learn how to secure user access to your organization's resources. The course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to setup and use Azure AD Connect, and introduces you to conditional access in Microsoft 365. You will learn about threat protection technologies that help protect your Microsoft 365 environment. Specifically, you will learn about threat vectors and Microsoft's security solutions to mitigate threats. You will learn about Secure Score, Exchange Online protection, Azure Advanced Threat Protection, Windows Defender Advanced Threat Protection, and threat management. In the course you will learn about information protection technologies that help secure your Microsoft 365 environment. The course discusses information rights managed content, message encryption, as well as labels, policies and rules that support data loss prevention and information protection. Lastly, you will learn about archiving and retention in Microsoft 365 as well as data governance and how to conduct content searches and investigations. This course covers data retention policies and tags, in-place records management for SharePoint, email retention, and how to conduct content searches that support eDiscovery investigations.

Training officially removed from the Microsoft catalog on 30.06.2023.

Classroom Registration Price (CHF)

3200

Virtual Classroom Registration Price (CHF)

3000

Course Content

Module 1: User and Group Management

- Information Protection Concepts
- The Zero Trust model
- Plan your identity and authentication solution
- User accounts and roles
- Identity Management

Module 2: Identity Synchronization and Protection

- Plan directory synchronization
- Configure and manage synchronized identities
- Password management
- Azure AD Identity Protection

Module 3: Access Management

- Conditional access
- Manage device access
- Role Based Access Control (RBAC)
- Solutions for external access

Module 4: Security in Microsoft 365

- Threat vectors and data breaches

- Security strategy and principles
- Security solutions for Microsoft 365
- Secure Score

Module 5: Threat Protection

- Exchange Online Protection (EOP)
- Office 365 Advanced Threat Protection
- Manage Safe Attachments
- Manage Safe Links
- Azure Advanced Threat Protection
- Microsoft Defender Advanced Threat Protection

Module 6: Threat Management

- Security dashboard
- Threat investigation and response
- Azure Sentinel
- Advanced Threat Analytics

Module 7 - Cloud Application Security

- Deploy Cloud Application Security
- Use cloud application security information

Module 8 - Mobility

- Mobile Application Management (MAM)
- Mobile Device Management (MDM)
- Deploy mobile device services
- Enroll devices to Mobile Device Management

Module 9 - Information Protection

- Information protection concepts
- Sensitivity labels
- Azure Information Protection (AIP)
- Windows Information Protection (WIP)

Module 10 - Rights Management and Encryption

- Information Rights Management (IRM)
- Secure Multipurpose Internet Mail Extension (S-MIME)
- Office 365 Message Encryption

Module 11 - Data Loss Prevention

- Archiving in Microsoft 365
- Data loss prevention fundamentals
- Create a DLP policy
- Create a DLP policy to protect documents
- Policy tips

Module 12 - Archiving and Retention

- Archiving in Microsoft 365
- Retention in Microsoft 365
- Retention policies in the Microsoft 365 Compliance Center
- Archiving and Retention in Exchange
- In-place Records Management in SharePoint

Module 13 - Content Search and Investigation

- Content Search
- Audit Log Investigations
- Advanced eDiscovery

Module 14 - Compliance in Microsoft 365

- Compliance center
- Compliance center solutions
- Building ethical walls in Exchange Online

Lab / Exercises

- Official Microsoft Labs

Documentation

- Digital courseware included

Exam

- This course prepares you to the **MS-500 Microsoft 365 Security Administrator** exam
- If you wish to take this exam, please select it when you add the course to your basket

Participant profiles

- Microsoft 365 security administrator
- This administrators secures Microsoft 365 enterprise environments

Prerequisites

- Understand Microsoft Azure, Windows 10 and Office 365
- Master the basics of authorization and authentication
- Have the basics of computer networks and mobile devices

Objectives

- Administer Microsoft 365 users and groups
- Describe and manage the features of Azure identity protection
- Plan and implement Azure AD Connect
- Describe and configure security solutions in Microsoft 365
- Configure Advanced Threat Analytics
- Plan and deploy secure mobile devices
- Configure data loss prevention policies
- Deploy and manage application security in the cloud
- Implement Windows Information Protection for Devices
- Plan and deploy data archiving and retention system

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- Manage GDPR data subject requests

Niveau

Intermédiaire

Duration (in Days)

4

Reference

MS-500T00