



*Training Course:
Microsoft 365 Security Administrator Track*

*23 - 27 December 2024
Liverpool (UK)*

Training Course: Microsoft 365 Security Administrator Track

Training Course code: IT234718 From: 23 - 27 December 2024 Venue: Liverpool (UK) - Training Course Fees: 5775 € Euro

Introduction

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. You will learn about Secure Score, Exchange Online protection, Azure Advanced Threat Protection, Windows Defender Advanced Threat Protection, and threat management.

Course Objectives

After completing this course, learners should be able to:

- Administer user and group access in Microsoft 365.
- Explain and manage Azure Identity Protection.
- Plan and implement Azure AD Connect.
- Manage synchronized user identities.
- Explain and use conditional access.
- Describe cyber-attack threat vectors.
- Explain security solutions for Microsoft 365.
- Use Microsoft Secure Score to evaluate and improve your security posture.
- Configure various advanced threat protection services for Microsoft 365.
- Plan for and deploy secure mobile devices.
- Implement information rights management.
- Secure messages in Office 365.
- Configure Data Loss Prevention policies.
- Deploy and manage Cloud App Security.
- Implement Windows information protection for devices.
- Plan and deploy a data archiving and retention system.

- Create and manage an eDiscovery investigation.
- Manage GDPR data subject requests.
- Explain and use sensitivity labels

Target Audience

The Microsoft 365 Security administrator collaborates with the Microsoft 365 Enterprise Administrator, business stakeholders and other workload administrators to plan and implement security strategies and to ensure that the solutions comply with the policies and regulations of the organization. This role proactively secures Microsoft 365 enterprise environments. Responsibilities include responding to threats, implementing, managing and monitoring security and compliance solutions for the Microsoft 365 environment. They respond to incidents, investigations and enforcement of data governance. The Microsoft 365 Security administrator is familiar with Microsoft 365 workloads and hybrid environments. This role has strong skills and experience with identity protection, information protection, threat protection, security management and data governance.

Course Outlines

User and Group Management

- Identity and Access Management concepts
- The Zero Trust model
- Plan your identity and authentication solution
- User accounts and roles
- Password Management

Identity Synchronization and Protection

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

Identity and Access Management

- Application Management
- Identity Governance
- Manage device access
- Role Based Access Control RBAC

- Solutions for external access
- Privileged Identity Management

Security in Microsoft 365

- Threat vectors and data breaches
- Security strategy and principles
- Microsoft security solutions
- Secure Score

Threat Protection

- Exchange Online Protection EOP
- Microsoft Defender for Office 365
- Manage Safe Attachments
- Manage Safe Links
- Microsoft Defender for Identity
- Microsoft Defender for Endpoint

Threat Management

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

Microsoft Cloud Application Security and Mobility

- Deploy Cloud Application Security
- Use cloud application security information
- Mobile Application Management MAM
- Mobile Device Management MDM

- Deploy mobile device services
- Enroll devices to Mobile Device Management

Information Protection and Governance

- Information protection concepts
- Governance and Records Management
- Sensitivity labels
- 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

Rights Management and Encryption

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

- . Compliance center
- Insider Risk
- Privileged Access
- Information barriers
- Building ethical walls in Exchange Online

- Advanced eDiscovery

Data Loss Prevention

- Data loss prevention fundamentals
- Create a DLP policy



- Customize a DLP policy
- Create a DLP policy to protect documents
- Policy tips

Discover and Respond

- Content Search
- Audit Log Investigations

Registration form on the Training Course: Microsoft 365 Security Administrator Track

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