# MS-500 Microsoft 365 Security Administrator

**Category:** Modern Workplace & M365 | **Vendor:** Microsoft Technical

**Duration:** 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

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| **Delivery Format:** | Instructor Led - Online |
| **Certification:** | Microsoft 365 Certified: Security Administrator Associate |
| **Related Exam:** | MS-500 |

## Course Overview

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.

## About This Course

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.

## Who Should Attend

This course is for the Microsoft 365 security administrator role. This role collaborates with the Microsoft 365 Enterprise Administrator, business stakeholders and other workload administrators to plan and implement security strategies and ensures that the solutions comply with the policies and regulations of the organization.

## Learning Outcomes

**Upon successful completion of this course, participants will 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.

## Detailed Course Outline

### 1 - 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

### 2 - Identity Synchronization and Protection

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

### 3 - Identity and Access Management

- Application Management
- Identity Governance
- Manage device access
- Role Based Access Control (RBAC)
- Solutions for external access
- Privileged Identity Management

## 4 - Security in Microsoft 365

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

## 5 - 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

## 6 - Threat Management

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

## 7 - Microsoft Cloud Application Security

- Deploy Cloud Application Security
- Use cloud application security information

## 8 - Mobility

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

## 9 - 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

## 10 - Rights Management and Encryption

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

## 11 - Data Loss Prevention

- Data loss prevention fundamentals
- Create a DLP policy
- Customize a DLP policy
- Create a DLP policy to protect documents
- Policy tips

## 12 - Compliance Management

- Compliance center

## 13 - Insider Risk Management

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

## 14 - Discover and Respond

- Content Search
- Audit Log Investigations
- Advanced eDiscovery

### □□ Certification Path

Microsoft 365 Certified: Security Administrator Associate

Exam: MS-500

# Frequently Asked Questions

### Q: What delivery options are available for MS-500 Microsoft 365 Security Administrator?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

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### Q: What certification does this course prepare me for?

The MS-500 Microsoft 365 Security Administrator course helps prepare you for the Microsoft 365 Certified: Security Administrator Associate certification path.

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### Q: Which exam does this course prepare me for?

This course prepares you for the MS-500 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

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### Q: How many CPD hours does this course provide?

The 4-day MS-500 Microsoft 365 Security Administrator course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the MS-500 Microsoft 365 Security Administrator training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for MS-500 Microsoft 365 Security Administrator?

Yes, we provide corporate training, dedicated training, and closed classes for MS-500 Microsoft 365 Security Administrator. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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### Q: Why choose Nexus Human for MS-500 Microsoft 365 Security Administrator?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your MS-500 Microsoft 365 Security Administrator training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

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