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## **Packt Publishing MS-101**

# **Microsoft 365 Mobility and Security – Exam Guide MS-101 User Manual**

Comprehensive Guide for IT Professionals

## **1. INTRODUCTION**

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This manual serves as a comprehensive guide for the Microsoft 365 Mobility and Security – Exam Guide MS-101. It is designed to assist IT professionals, system administrators, and network engineers in understanding and implementing Microsoft 365 services related to mobility, security, governance, and compliance. The content aligns with the objectives of the MS-101 certification exam, providing practical insights and theoretical knowledge necessary for successful deployment and management of Microsoft 365 environments.

# Microsoft 365 Mobility and Security – Exam Guide MS-101

Explore threat management, governance, security, compliance, and device services in Microsoft 365

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This image displays the front cover of the Microsoft 365 Mobility and Security – Exam Guide MS-101. The cover features the title prominently, along with the subtitle 'Explore threat management, governance, security, compliance, and device services in Microsoft 365'. The author, Nate Chamberlain, and the publisher's logo, Packt, are also visible.

## 2. PREPARATION AND SETUP

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To effectively utilize this guide and prepare for the MS-101 exam, it is recommended that users have some prior experience with Microsoft 365, Exchange servers, and PowerShell. This foundational knowledge will facilitate a deeper understanding of the concepts and practical applications discussed.

## 2.1 Required Knowledge

- Familiarity with Microsoft 365 services.
- Experience with Exchange servers.
- Basic to intermediate proficiency in PowerShell scripting.

## 3. CORE OPERATIONS AND CONCEPTS

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This section details the key areas covered in the MS-101 exam guide, providing an overview of the operational aspects of Microsoft 365 mobility and security.

### 3.1 Device Management and Compliance

Learn to implement Mobile Device Management (MDM) and ensure device compliance across your organization. This includes planning for devices and applications, and strategies for Windows 10 deployment.

- Implementing Mobile Device Management (MDM)
- Managing Device Compliance
- Planning for Devices and Apps
- Planning Windows 10 Deployment

### 3.2 Threat Management and Security

Understand how to apply Microsoft 365 security and threat management techniques, including the use of Cloud App Security (CAS) and Windows Defender ATP. This section also covers managing security reports and alerts.

- Implementing Cloud App Security (CAS)
- Implementing Threat Management
- Implementing Windows Defender ATP
- Managing Security Reports and Alerts

### 3.3 Data Governance and Compliance

Explore the tools and strategies for managing Microsoft 365 governance and compliance. This includes data loss prevention (DLP), Azure Information Protection (AIP), auditing, and eDiscovery.

- Configuring Data Loss Prevention (DLP)
- Implementing Azure Information Protection (AIP)
- Managing Data Governance
- Managing Auditing
- Managing eDiscovery

## 4. MAINTENANCE AND BEST PRACTICES

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Maintaining a secure and compliant Microsoft 365 environment requires continuous effort and adherence to best practices. This section provides guidance on optimizing your configurations and staying updated.

### 4.1 Ongoing Configuration

Regularly review and update your security and compliance settings. Ensure that policies are aligned with organizational requirements and evolving threat landscapes.

### 4.2 Staying Informed

Microsoft 365 services are continuously updated. Stay informed about new features, security patches, and compliance

regulations through official Microsoft documentation and community resources.

## 5. TROUBLESHOOTING COMMON SCENARIOS

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While this guide focuses on implementation, understanding common issues and their resolutions is crucial. For specific troubleshooting, refer to Microsoft's official documentation and support channels.

### 5.1 Policy Enforcement Issues

If policies (e.g., MDM, DLP, AIP) are not being enforced as expected, verify policy scope, user assignments, and any conflicting rules. Utilize audit logs for detailed insights into policy application.

### 5.2 Security Alert Anomalies

Investigate unusual security alerts by examining associated user activities, device logs, and network traffic. Ensure that threat management configurations are correctly tuned to minimize false positives.

## 6. SPECIFICATIONS

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## 7. SUPPORT AND RESOURCES

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For additional support, errata, or further resources related to this exam guide, please refer to the publisher's official website or the author's published works and online presence.

- **Publisher Website:** [www.packtpub.com](http://www.packtpub.com)
- **Author Resources:** Refer to Nate Chamberlain's official publications and online content for supplementary information.
- **Microsoft Documentation:** For the most up-to-date information on Microsoft 365 services, consult the official Microsoft documentation and learning paths.

