

MS-101: Microsoft 365

Mobility and Security



Days: 5

Prerequisites: Candidates have a working knowledge of Microsoft 365 workloads and should have been an administrator for at least one Microsoft 365 workload (Exchange, SharePoint, Skype for Business, Windows as a Service). Candidates also have a working knowledge of networking, server administration, and IT fundamentals such as DNS, Active Directory, and PowerShell.

Audience: Candidates for this course are Microsoft 365 Enterprise Administrators who take part in evaluating, planning, migrating, deploying, and managing Microsoft 365 services. They perform Microsoft 365 tenant management tasks for an enterprise, including its identities, security, compliance, and supporting technologies.

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Description: This course introduces you to the world of Microsoft 365 device management - from establishing Microsoft Intune, to enrolling devices to Intune, to monitoring the devices, to controlling what users can do from the enrolled devices by using conditional access policies. If you are already managing devices by using a traditional device management tool such as Configuration Manager, you will be interested to know how you can seamlessly move to modern management, in which devices are managed by Intune, and how you can benefit from new device management capabilities, such as compliance, conditional access, and Windows Autopilot to deploy new devices from the cloud.

Learn about Microsoft 365 Security Management, including how to manage your security metrics, how to enable Azure AD Identity Protection, how to configure your Microsoft 365 security services, and user Microsoft 365 Threat Intelligence.

Learn about Microsoft 365 Compliance Management, including data retention and data loss prevention solutions in Microsoft 365, archiving and retention in Microsoft 365, implementing and managing data governance, and managing search and investigations.

OUTLINE:

Day 1

MODULE 1: DESIGNING YOUR MICROSOFT 365 TENANT

LESSONS

- Planning a Microsoft 365 On-premises infrastructure
- Planning Your Identity and Authentication Solution

MODULE 2: CONFIGURING YOUR MICROSOFT 365 TENANT

LESSONS

- Planning your Microsoft 365 Experience
- Configuring your Microsoft 365 Experience
- Leveraging FastTrack and Partner Services
- Implementing Your Domain Services

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MODULE 3: MANAGING YOUR MICROSOFT 365 TENANT

LESSONS

- Configuring Tenant Roles
- Managing Tenant Health and Services

MODULE 4: HANDS-ON LAB

LAB: MANAGING MICROSOFT 365 SECURITY

- Exercise 1: Setting up your lab environment
- Exercise 2: Editing an ATP Safe Links policy and create a Safe Attachment policy
- Exercise 3: Enabling and installing the ATA Center

Day 2 & 3

MODULE 1: INTRODUCTION TO DATA GOVERNANCE IN MICROSOFT 365

LESSONS

- Introduction to Archiving in Microsoft 365
- Introduction to Retention in Microsoft 365
- Introduction to Information Rights Management
- Introduction to Secure Multipurpose Internet Mail Extension
- Introduction to Office 365 Message Encryption
- Introduction to Data Loss Prevention

MODULE 2: ARCHIVING AND RETENTION IN MICROSOFT 365

LESSONS

- In-Place Records Management in SharePoint
- Archiving and Retention in Exchange
- Retention Policies in the SCC
- Implementing Your Domain Services

MODULE 3: IMPLEMENTING DATA GOVERNANCE IN MICROSOFT 365 INTELLIGENCE

LESSONS

- Planning Your Security and Compliance Needs
- Building Ethical Walls in Exchange Online
- Creating a Simple DLP Policy from a Built-in Template
- Creating a Custom DLP Policy
- Creating a DLP Policy to Protect Documents
- Working with Policy Tips

MODULE 4: MANAGING DATA GOVERNANCE IN MICROSOFT 365

LESSONS

- Managing Retention in Email
- Troubleshooting Data Governance
- Implementing Information Protection
- Implementing Advanced Information Protection
- Introduction to Windows Information Protection

MODULE 5: MANAGING SEARCH AND INVESTIGATIONS

LESSONS

- Searching for Content in the Security and Compliance Center
- Auditing Log Investigations
- Managing Advanced eDiscovery

MODULE 6: HANDS-ON LAB

LAB: SETTING UP YOUR LAB ENVIRONMENT

- Exercise 1: Initialize Compliance in Your Organization

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LAB: ARCHIVING AND RETENTION IN MICROSOFT 365

- Exercise 1: Configure Retention Tags and Policies
- Exercise 2: Configure AIP and WIP

LAB: IMPLEMENTING DATA GOVERNANCE

- Exercise 1: Testing DLP Policies
- Exercise 2: Using Azure Information Protection
- Exercise 3: Using Windows Information Protection

LAB: VERIFY YOUR DATA GOVERNANCE POLICIES

- Exercise 1: Investigate your Microsoft 365 Data

Day 4

MODULE 1: PLANNING FOR DEVICE MANAGEMENT

LESSONS

- Introduction to Co-management
- Preparing Your Windows 10 Devices for Co-management
- Transitioning from Configuration Manager to Intune
- Introduction Microsoft Store for Business
- Planning for Mobile Application Management

MODULE 2: PLANNING YOUR WINDOWS 10 DEPLOYMENT STRATEGY

LESSONS

- Windows 10 Deployment Scenarios
- Planning Your Windows 10 Subscription Activation Strategy
- Resolving Windows 10 Upgrade Errors
- Introduction to Windows Analytics

MODULE 3: IMPLEMENTING MOBILE DEVICE MANAGEMENT

LESSONS

- Planning Mobile Device Management
- Deploying Mobile Device Management
- Enrolling Devices to MDM
- Managing Device Compliance

MODULE 4: HANDS-ON LAB

LAB: WORKING WITH MICROSOFT STORE FOR BUSINESS

- Exercise 1: Provisioning and managing the Microsoft Store for Business
- Exercise 2: Using the Microsoft Store for Business

LAB: MANAGING DEVICES BY USING INTUNE

- Exercise 1: Obtain Intune and enable device management
- Exercise 2: Configure Azure AD for Intune
- Exercise 3: Create Intune policies
- Exercise 4: Enroll a Windows 10 device
- Exercise 5: Manage and monitor a device in Intune

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