

MS 101: Microsoft 365 Mobility and Security

Overview

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.

At Course Completion

After completing this course, students will be able to:

- Manage Security Metrics
- Implement security solutions in Microsoft 365
- Plan and configure Azure AD identity protection
- Implement Microsoft Secure Score
- Implement Exchange Online Protection
- Implement Advanced Threat Protection
- Manage Safe Attachments and Safe Links
- Implement Microsoft 365 Threat Intelligence
- Use the Microsoft 365 Security Dashboard
- Configure Advanced Threat Analytics
- Implement cloud application security
- Understand Data Governance in Microsoft 365, including: Archiving, Retention, Information Rights Management, Secure Multipurpose Internet Mail Extension (S/MIME), Office 365 Message Encryption, Data Loss Prevention
- Implement In-Place Records Management in SharePoint
- Implement archiving and retention in Exchange
- Create retention policies in the Security and Compliance Center
- Plan their security and compliance needs
- Build ethical walls in Exchange Online
- Create a DLP Policy from a built-in template
- Create a custom DLP policy
- Create a DLP policy to protect documents
- Implement policy tips
- Manage retention in email
- Troubleshoot data governance
- Implement information protection
- Implement Advanced Implementation Protection
- Understand Windows Information Protections
- Search for content in the Security and Compliance Center
- Audit log investigations
- Manage advanced eDiscovery
- Plan for Co-management
- Prepare your Windows 10 devices for Co-management
- Transition from Configuration Manager to Intune
- Configure Microsoft Store for Business
- Plan for Mobile Application Management
- Plan your Windows 10 deployment strategy
- Plan your Windows 10 subscription activation strategy
- Resolve Windows 10 upgrade errors
- Implement Windows 10 Analytics
- Deploy Mobile Device Management
- Manage devices with Mobile Device Management
- Enroll devices to Mobile Device Management
- Manage device compliance

Course 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

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

Days 2 and 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
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