

Administering Microsoft 365 with SharePoint and OneDrive Integration

Duration: 48 Hours

Course Overview

This 48-hour in-depth course is designed to equip IT professionals with the knowledge and practical skills required to effectively manage Microsoft 365 tenants, implement identity and access solutions, enforce security policies, and administer collaboration tools like SharePoint and OneDrive.

The course offers a blend of conceptual understanding and hands-on labs aligned with MS-102 objectives. It extends into advanced SharePoint and OneDrive administration, exploring identity synchronization, compliance, governance, threat protection with Microsoft Defender XDR, and collaboration environment configuration to support a secure and efficient digital workplace.

Prerequisites

Participants should have:

- A basic understanding of Microsoft 365 workloads.
- Familiarity with general IT practices and technologies including networking, Active Directory, and PowerShell.
- Experience with Windows Server administration (beneficial but not mandatory).
- Prior exposure to cloud services or Office 365 for context.

Table of Contents

Learning Path 1: Configure Your Microsoft 365 Tenant

- Configure your Microsoft 365 experience
- Lab 1-Exercise 1: Initialize your Microsoft 365 tenant
- Manage users, licenses, and mail contacts in Microsoft 365
- Manage groups in Microsoft 365
- Lab 1-Exercise 2: Manage users and groups
- Add a custom domain in Microsoft 365
- Lab 1-Exercise 3: Add a custom domain
- Configure client connectivity to Microsoft 365

Learning Path 2: Manage Your Microsoft 365 Tenant

- Manage permissions, roles, and role groups in Microsoft 365
- Lab 2-Exercise 1: Manage administration delegation
- Manage tenant health and services in Microsoft 365
- Lab 2-Exercise 2: Monitor and troubleshoot Microsoft 365
- Deploy Microsoft 365 Apps for enterprise
- Lab 2-Exercise 3: Install Microsoft 365 apps for enterprise
- Analyze your Microsoft 365 workplace data using Microsoft Viva Insights

Learning Path 3: Implement Identity Synchronization

- Explore identity synchronization
- Prepare for identity synchronization to Microsoft 365
- Implement directory synchronization tools
- Lab 3-Exercise 1: Prepare for identity synchronization
- Manage synchronized identities
- Lab 3-Exercise 2: Implement identity synchronization

Learning Path 4: Manage Identity and Access in Microsoft 365

- Examine threat vectors and data breaches
- Explore the Zero Trust security model
- Manage secure user access in Microsoft 365
- Lab 4-Exercise 1: Manage secure user access
- Explore security solutions in Microsoft Defender XDR
- Examine Microsoft Secure Score
- Examine Privileged Identity Management
- Examine Microsoft Entra ID Protection
- Lab 4-Exercises 2-4: Implement Privileged Identity Management

Learning Path 5: Manage Your Security Services in Microsoft Defender XDR

- Examine email protection in Microsoft 365
- Enhance your email protection using Microsoft Defender for Office 365
- Manage Safe Attachments
- Lab 5-Exercise 1: Implement a Safe Attachments policy
- Manage Safe Links
- Lab 5-Exercise 2: Implement a Safe Links policy

Learning Path 6: Implement Threat Protection Using Microsoft Defender XDR

- Explore threat intelligence in Microsoft Defender XDR
- Lab 6-Exercises 1-4: Implement Threat Intelligence
- Implement app protection using Microsoft Defender for Cloud Apps
- Implement endpoint protection using Microsoft Defender for Endpoint
- Implement threat protection using Microsoft Defender for Office 365
- Lab 6-Exercises 5-6: Implement Threat Intelligence

Learning Path 7: Explore Data Governance in Microsoft 365

- Examine data governance solutions in Microsoft Purview

- Explore data management practices in Microsoft 365
- Explore retention in Microsoft 365
- Lab 7-Exercise 1: Implement Data Governance

Learning Path 8: Implement Compliance in Microsoft 365

- Explore compliance in Microsoft 365
- Implement Microsoft Purview Insider Risk Management
- Implement Microsoft Purview Information Barriers
- Explore Microsoft Purview Data Loss Prevention
- Implement Microsoft Purview Data Loss Prevention
- Lab 8: Implement DLP Policies

Learning Path 9: Manage Compliance in Microsoft 365

- Implement data classification of sensitive information
- Explore sensitivity labels
- Implement sensitivity labels
- Lab 9-Exercise 1: Implement sensitivity labels

Learning Path 10: SharePoint and OneDrive Administration Management

- Overview of SharePoint in Microsoft 365
- Configure SharePoint sites
- Manage SharePoint sites
- Overview of OneDrive in Microsoft 365
- Deploy OneDrive
- Manage OneDrive
- Manage SharePoint site permissions
- Manage sharing in SharePoint and OneDrive
- Manage security in SharePoint and OneDrive
- Plan and configure Managed Metadata
- Overview of search in SharePoint
- Overview of Microsoft search