MS- 102 Microsoft 365 Administrator

This course covers the following key elements of Microsoft 365 administration: Microsoft 365 tenant management, Microsoft 365 identity synchronization, and Microsoft 365 security and compliance. In Microsoft 365 tenant management, you learn how to configure your Microsoft 365 tenant, including your organizational profile, tenant subscription options, component services, user accounts and licenses, security groups, and administrative roles. You then transition to configuring Microsoft 365, with a primary focus on configuring Office client connectivity. Finally, you explore how to manage user-driven client installations of Microsoft 365 Apps for enterprise deployments. The course then transitions to an in-depth examination of Microsoft 365 identity synchronization, with a focus on Azure Active Directory Connect and Connect Cloud Sync. You learn how to plan for and implement each of these directory synchronization options, how to manage synchronized identities, and how to implement password management in Microsoft 365 using multifactor authentication and self-service password management. In Microsoft 365 security management, you begin examining the common types of threat vectors and data breaches facing organizations today. You then learn how Microsoft 365's security solutions address each of these threats. You are introduced to the Microsoft Secure Score, as well as to Azure Active Directory Identity Protection. You then learn how to manage the Microsoft 365 security services, including Exchange Online Protection, Safe Attachments, and Safe Links. Finally, you are introduced to the various reports that monitor an organization's security health. You then transition from security services to threat intelligence; specifically, using Microsoft 365 Defender, Microsoft Defender for Cloud Apps, and Microsoft Defender for Endpoint. Once you have this understanding of Microsoft 365's security suite, you then examine the key components of Microsoft 365 compliance management. This begins with an overview of all key aspects of data governance, including data archiving and retention, Microsoft Purview message encryption, and data loss prevention (DLP). You then delve deeper into archiving and retention, paying particular attention to Microsoft Purview insider risk management, information barriers, and DLP policies. You then examine how to implement these compliance features by using data classification and sensitivity labels.

Prerequisites

- Students should have completed a role-based administrator training collection such as Messaging, Teamwork, Security and Compliance, or Collaboration.
- Students should have a proficient understanding of DNS and basic functional experience with Microsoft 365 services.
- Students must have a proficient understanding of general IT practices.

Students should have a working knowledge of PowerShell.

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Module 1: Configure your Microsoft 365 experience

- Microsoft 365 subscription and tenant
- · Set up your organizational profile
- Manage your services and add-ins
- Finalize your tenant

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- Initialize your Microsoft 365 tenant
- Obtain your Microsoft 365 credentials
- Set up the Adatum's organization profile
- Create a custom theme for Adatum's pilot project team
- Enable Information Rights Management for SharePoint Online
- · Turn on Audit Logging to enable Alert policies
- Install Microsoft Graph PowerShell
- Run a PowerShell script to create and publish a sensitivity label

Module 2: Manage users, licenses, and mail contacts in Microsoft 365

- Understanding user identities
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- Managing user licenses
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- Creating and managing groups
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Module 5: Configure client connectivity to Microsoft 365

- Understand how automatic client configuration works
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- Microsoft 365 admin roles and best practices
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- Manage Delegated Administrators with Windows PowerShell
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Module 12: Prepare for identity synchronization to Microsoft 365

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- Microsoft Entra Cloud Sync

Module 13: Implement directory synchronization tools

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- Configure Microsoft Entra Connect Sync

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