

MS100.3x

Microsoft 365 Identity Management

Course Prerequisites

This course is designed for persons who are aspiring to the Microsoft 365 Enterprise Administrator role. Students should have completed one of the Microsoft 365 work load administrator certification paths prior to taking this course.

Course Objectives

After completing this course, students will be able to:

- Manage user accounts and licenses in Microsoft 365
- Manage admin roles and security groups in Microsoft 365
- Plan and implement password management
- Manage Microsoft 365 authentication and provisioning options
- Plan for directory synchronization
- Plan and implement Azure AD Connect
- Manage synchronized identities
- Plan and implement an ADFS deployment
- Implement applications in Azure AD
- Configure Azure AD Application Proxy
- Design solutions for external access
- Manage their Microsoft 365 tenant health and services

Course Outline

Module 1: Manage User Security Groups and Licenses for Cloud Identities

- User Accounts and Licenses in Microsoft 365
- Admin Roles and Security Groups in Microsoft 365
- Password Management in Microsoft 365
- Hands-On Lab

Module 2: Plan and Implement Identity Synchronization

- Introduction to Identity Synchronization
- Planning for Azure AD Connect
- Implementing Azure AD Connect
- Managing Synchronized Identities
- Hands-On Lab

Module 3: Planning and Implementing Federated Identities

- Introduction to Federated Identities
- Planning an AD FS Deployment
- Implementing AD FS

Module 4: Implementing Applications and External Access

- Implementing Applications in Azure AD
- Configuring Azure AD Application Proxy
- Designing Solutions for External Access

Hands-On Lab

There are two labs in this course, one at the end of the first two modules. Each lab contains several exercises, each of which contains one or more tasks. For a successful outcome to each lab, the exercises and their corresponding tasks must be completed in order. The lab exercises include:

Lab 1 - Managing your Microsoft 365 Identity environment

- Exercise 1: Setting up your lab environment
 - Task 1 - Obtain your Office 365 credentials
 - Task 2 - Create a Microsoft 365 tenant account
- Exercise 2: Managing your Microsoft 365 identity environment using the Microsoft 365 admin center
 - Task 1 - Create user accounts
 - Task 2 – Edit Microsoft 365 users
 - Task 3 – Verify user settings
 - Task 4 – Create security groups and add users to each group
 - Task 5 – Manage security groups
- Exercise 3: Managing your Microsoft 365 identity environment using Windows PowerShell
 - Task 1 – Install Microsoft Azure Active
 - Task 2 - Create new users and assign licenses
 - Task 3 – Modify user accounts
 - Task 4 – Configure groups and group membership
 - Task 5 – Configure user passwords
 - Task 6 – Assign service administrators in the Microsoft 365 admin center

- Task 7 – Manage service administration with Windows PowerShell
- Task 8 – Verify service administration

Lab 2 – Implementing Identity Synchronization

- Exercise 1: Setting up your organization for identity synchronization
 - Task 1 – Configure your UPN suffix
 - Task 2 – Prepare problem user accounts
 - Task 3 - Run the IdFix tool and fix identified issues
 - Task 4 - Enable Directory Synchronization
 - Task 5 – Set Up Azure AD Connect
 - Task 6 – Create a new user and group account
 - Task 7 – Change group membership

- Exercise 2: Implement Identity Synchronization
 - Task 1 – Force synchronization
 - Task 2 – Validate the results of Directory Synchronization
 - Task 3 – Deploy Azure AD Pass-Through Authentication
 - Task 4 – Enable High Availability

Coursework and Grading

There is a graded assessment exam at the end of each module as well as at the end of the course. The course also includes a gradable lab exercise that allows you to apply the concepts that you learned.

You are graded on the following:

- **30% of total available points - Module assessment exams.** There will be a short quiz at the end of each module that covers just the material from that module. There will be 10 questions in each module exam. You will have one attempt to answer each module assessment question correctly.
- **30% of total available points - Course assessment exam.** This is the final exam at the end of the course that has 20 questions covering all modules. You will have one attempt to answer each course assessment question correctly.
- **40% of total available points – Gradable Hands-on Lab.** There is a gradable hands-on lab exercise at the end of the course that tests your ability to apply the skills you have acquired.

You need to score 70% or better to pass this course.