

Microsoft Identity and Access Administrator

Description

This official Microsoft course provides IT Identity and Access Professional, along with IT Security Professional, with the knowledge and skills needed to implement identity management solutions based on Microsoft Azure AD, and its connected identity technologies. This course includes identity content for Azure AD, enterprise application registration, conditional access, identity governance, and other identity tools.

Classroom Registration Price (CHF)

3200

Virtual Classroom Registration Price (CHF)

3000

Course Content

Module 1: Implement an identity management solution

- Lesson 1: Implement Initial configuration of Azure AD
- Lesson 2: Create, configure, and manage identities
- Lesson 3: Implement and manage external identities
- Lesson 4: Implement and manage hybrid identity

Module 2: Implement an authentication and access management solution

- Lesson 1: Secure Azure AD user with MFA
- Lesson 2: Manage user authentication
- Lesson 3: Plan, implement, and administer conditional access
- Lesson 4: Manage Azure AD identity protection

Module 3: Implement access management for Apps

- Lesson 1: Plan and design the integration of enterprise for SSO
- Lesson 2: Implement and monitor the integration of enterprise apps for SSO
- Lesson 3: Implement app registration

Module 4: Plan and implement an identity governance strategy

- Lesson 1: Plan and implement entitlement management
- Lesson 2: Plan, implement, and manage access reviews
- Lesson 3: Plan and implement privileged access
- Lesson 4: Monitor and maintain Azure AD

Lab / Exercises

Module 1:

- Lab: Manage user roles
- Lab: Setting tenant-wide properties
- Lab: Assign licenses to users
- Lab: Restore or remove deleted users
- Lab: Add groups in Azure AD

- Lab: Change group license assignments
- Lab: Change user license assignments
- Lab: Configure external collaboration
- Lab: Add guest users to the directory
- Lab: Explore dynamic groups

Module 2:

- Lab: Enable Azure AD MFA
- Lab: Configure and deploy self-service password reset (SSPR)
- Lab: Work with security defaults
- Lab: Implement conditional access policies, roles, and assignments
- Lab: Configure authentication session controls
- Lab: Manage Azure AD smart lockout values
- Lab: Enable sign-in risk policy
- Lab: Configure Azure AD MFA authentication registration policy

Module 3:

- Lab: Implement access management for apps
- Lab: Create a custom role to management app registration
- Lab: Register an application
- Lab: Grant tenant-wide admin consent to an application
- Lab: Add app roles to applications and receive tokens

Module 4:

- Lab: Create and manage a resource catalog with Azure AD entitlement
- Lab: Add terms of use acceptance report
- Lab: Manage the lifecycle of external users with Azure AD identity governance
- Lab: Create access reviews for groups and apps
- Lab: Configure PIM for Azure AD roles
- Lab: Assign Azure AD role in PIM
- Lab: Assign Azure resource roles in PIM
- Lab: Connect data from Azure AD to Azure Sentinel

Documentation

- Digital courseware included

Exam

- This course prepares you to the SC-300: Microsoft Identity and Access Administrator exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you

Participant profiles

- Identity and Access Administrators who are planning to take the associated certification exam, or who are performing identity and access administration tasks in their day-to-day job
- Administrator or engineer that wants to specialize in providing identity solutions and access management systems for Azure-based solutions; playing an integral role in protecting an organization

Prerequisites

- Security best practices and industry security requirements such as defense in depth, least privileged access, shared responsibility, and zero trust model
- Be familiar with identity concepts such as authentication, authorization, and active directory
- Have some experience deploying Azure workloads. This course does not cover the basics of Azure administration, instead the course content builds on that knowledge by adding security specific information
- Some experience with Windows and Linux operating systems and scripting languages is helpful but not required. Course labs may use PowerShell and the CLI

Objectives

- Implement an identity management solution
- Implement an authentication and access management solutions
- Implement access management for apps
- Plan and implement an identity governancy strategy

Niveau

Intermédiaire

Duration (in Days)

4

Reference

SC-300T00