

COURSE OUTLINE



Course Name: Microsoft Identity And Access Administrator

Course Code: MS-SC300T00

DURATION	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
4 Day	Intermediate	VIL/TILT	N/A	Security

Course Overview

This 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.

Target Audience

This course is for the 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. This course would also be helpful to an 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.

Pre-requisites

Before attending this course students should have understanding of:

- 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.
- Prerequisite courses (or equivalent knowledge and hands-on experience):
- SC-900 : Describe the concepts of security, compliance, and identity
- AZ-104: Manage identities and governance in Azure

Course 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

Course content

Module 1: Implement an identity management solution

Learn to create and manage your initial Azure Active Directory (Azure AD) implementation and configure the users, groups, and external identities you will use to run your solution.

Lesson

- Implement Initial configuration of Azure AD
 - Create, configure, and manage identities
 - Implement and manage external identities
 - Implement and manage hybrid identity
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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: Implement an authentication and access management solution

Implement and administer your access management using Azure AD. Use MFA, conditional access, and identity protection to manage your identity solution.

Lesson

- Secure Azure AD user with MFA
- Manage user authentication
- Plan, implement, and administer conditional access
- Manage Azure AD identity protection

Lab: Configure Azure AD MFA authentication registration policy

Lab: Enable sign-in risk policy

Lab: Manage Azure AD smart lockout values

Lab: Configure authentication session controls

Lab: Implement conditional access policies, roles, and assignments

Lab: Work with security defaults

Lab: Configure and deploy self-service password reset (SSPR)

Lab: Enable Azure AD MFA

Module 3: Implement access management for Apps

Explore how applications can and should be added to your identity and access solution with application registration in Azure AD.

Lesson

- Plan and design the integration of enterprise for SSO
- Implement and monitor the integration of enterprise apps for SSO
- Implement app registration

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: Plan and implement and identity governance strategy

Design and implement identity governance for your identity solution using entitlement, access reviews, privileged access, and monitoring your Azure Active Directory (Azure AD).

Lesson

- Plan and implement entitlement management
 - Plan, implement, and manage access reviews
 - Plan and implement privileged access
 - Monitor and maintain Azure AD
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Lab: Configure PIM for Azure AD roles

Lab: Assign Azure AD role in PIM

Lab: Assign Azure resource roles in PIM

Lab: Create access reviews for groups and apps

Lab: Manage the lifecycle of external users with Azure AD identity governance

Lab: Add terms of use acceptance report

Lab: Create and manage a resource catalog with Azure AD entitlement

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