



SC-300: Microsoft Identity and Access Administrator

Microsoft - Security

- **Nível:** Intermédio
- **Duração:** 28h

Sobre o curso

The Microsoft Identity and Access Administrator course explores how to design, implement, and operate an organization's identity and access management systems by using Microsoft Entra ID.

Learn to manage tasks such as providing secure authentication and authorization access to enterprise applications. You will also learn to provide seamless experiences and self-service management capabilities for all users. Finally, learn to create adaptive access and governance of your identity and access management solutions ensuring you can troubleshoot, monitor, and report on your environment.

The Identity and Access Administrator may be a single individual or a member of a larger team. Learn how this role collaborates with many other roles in the organization to drive strategic identity projects. The end goal is to provide you knowledge to modernize identity solutions, to implement hybrid identity solutions, and to implement identity governance.

Destinatários

- 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.
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Pré-requisitos

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.
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Programa

- Explore identity in Microsoft Entra ID
- Implement an identity management solution
- Implement an Authentication and Access Management solution
- Implement Access Management for Apps
- Plan and implement an identity governance strategy

Explore identity in Microsoft Entra ID

This module covers definitions and available services for identity provided in Microsoft Entra ID and to Microsoft 365. You start with authentication, authorization, and access tokens then build into full identity solutions.

By the end of this module, you'll be able to:

- Define common identity terms and explain how they're used in the Microsoft Cloud
- Explore the common management tools and needs of an identity solution
- Review the goal of Zero Trust and how it's applied in the Microsoft Cloud
- Explore the available identity services in the Microsoft Cloud

Implement an identity management solution

Learn to create and manage your initial Microsoft Entra implementation and configure the users, groups, and external identities you'll use to run your solution.

By the end of this module, you'll be able to:

- Implement initial configuration of Microsoft Entra ID
- Create, configure, and manage identities
- Implement and manage external identities
- Implement and manage hybrid identity

Implement an Authentication and Access Management solution

Implement and administer your access management using Microsoft Entra ID. Use MFA, Conditional Access, and identity protection to manager your identity solution.

By the end of this module, you'll be able to:

- Secure Microsoft Entra users with multifactor authentication
- Manage user authentication
- Plan, implement, and administer Conditional Access
- Manage Microsoft Entra Identity Protection
- Implement access management for Azure resources
- Deploy and Configure Microsoft Entra Global Secure Access

Implement Access Management for Apps

Explore how applications can and should be added to your identity and access solution with application registration in Microsoft Entra ID.

By the end of this module, you'll be able to:

- Plan and design the integration of enterprise apps for SSO
- Implement and monitor the integration of enterprise apps for SSO
- Implement app registration
- Register apps using Microsoft Entra ID

Plan and implement an identity governance strategy

Design and implement identity governance for your identity solution using entitlement, access reviews, privileged access, and monitoring your Microsoft Entra ID. Aligned to SC-300 exam.

By the end of this module, you'll be able to:

- Plan and implement entitlement management
- Plan, implement, and manage access review
- Plan and implement privileged access
- Monitor and maintain Microsoft Entra ID
- Explore the many features of Microsoft Entra Permissions Management