



# ExecuTrain

Impulsamos tu talento tecnológico

- Aplicaciones Móviles
- Colaboración
- Mejores Practicas
- Sistemas Operativos
- Bases de datos
- Cloud Computing
- Office
- Virtualización
- Big Data
- Desarrollo
- Seguridad

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# ¿Por qué ExecuTrain?

ExecuTrain es un proveedor de entrenamiento corporativo a nivel internacional y líder mundial en la capacitación empresarial. Contamos con 22 años y más de 62 mil personas capacitadas en zona occidente.

## ¿Por qué ExecuTrain?

Te guiamos en la definición de tus requerimientos de capacitación, en las diferentes etapas:

- Detección de necesidades, evaluación de conocimientos, plan de capacitación y seguimiento posterior para elegir el plan de capacitación como tú lo necesitas.
- El más amplio catálogo de cursos, desde un nivel básico hasta los niveles de conocimientos más especializados.
- En ExecuTrain el material y la metodología están diseñados por expertos en aprendizaje humano. Lo que te garantiza un mejor conocimiento en menor tiempo.
- Tú puedes confiar y estar seguro del aprendizaje porque nuestro staff de instructores es de primer nivel, algunos de los cuales son consultores en reconocidas empresas.
- No pierdas tu tiempo, los cursos están diseñados para un aprendizaje práctico.
- Nuestra garantía: Nuestro compromiso es que tú aprendas, si no quedas satisfecho con los resultados del programa, podrás volver a tomar los cursos hasta tu entera satisfacción o la devolución de tu dinero.

## Modalidad de servicio

- Cursos de Calendario
- Cursos Privados: On site y en nuestras instalaciones.
- Cursos Personalizados: Adaptamos el contenido del curso y su duración dependiendo de la necesidad del cliente.
- E-Training: cursos a distancia de forma interactiva, mejorando la capacidad de aprendizaje de nuestros participantes guiados por un instructor en vivo.

Duración: 4 días

## SC-300 / Microsoft Identity and Access Administrator

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.

### > Audience Profile

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.

### > Prerequisites

Successful learners will have prior knowledge and 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 Microsoft Security, Compliance, and Identity Fundamentals
- AZ-104 Microsoft Azure Administrator

### > Skills Gained

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

## > **Modulos**

### **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.

#### Lessons

- Implement Initial configuration of Azure AD
- Create, configure, and manage identities
- Implement and manage external identities
- Implement and manage hybrid identity
- 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

After completing this module, students will be able to:

- Deploy an initial Azure AD with custom settings
- Manage both internal and external identities
- Implement a hybrid identity solution

### **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.

#### Lessons

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

After completing this module, students will be able to:

- Configure and manage user authentication including MFA
- Control access to resources using conditional access
- Use Azure AD Identity Protection to protect your organization

### **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.

#### Lessons

- 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

After completing this module, students will be able to:

- Register a new application to your Azure AD
- Plan and implement SSO for enterprise application
- Monitor and maintain enterprise applications

## Module 4: Plan and implement an identity governancy strategy

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

### Lessons

- Plan and implement entitlement management
- Plan, implement, and manage access reviews
- Plan and implement privileged access
- Monitor and maintain Azure AD
- Lab : Creat 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

After completing this module, students will be able to:

- Mange and maintain Azure AD from creation to solution
- Use access reviews to maintain your Azure AD
- Grant access to users with entitlement management