

# EntraID/AzureAD for Active Directory administrators

Course code: GOC218

Four-days instructor-led deep-dive course is intended for all Windows Server Active Directory Domain Services (AD DS) a Federation Services (AD FS) administrators who would like to learn how the cloud version of Active Directory works. The course covers EntraID (formerly Azure Active Directory - AAD) deployment, its co-existence with on-premises Active Directory, and 3rd party app integration, including EntraID/AAD Application Proxy. EntraID/AzureAD security best practices will also be thoroughly discussed, including access management, auditing, and multi-factor authentication (MFA). Attendees will also learn how operations can be automated using the PowerShell scripting language.

## Prerequisites

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

All attendees should have experience with Active Directory Domain Services (AD DS) administration

## Course outline

Administration of users and groups

EntraID/AzureAD security settings

Multi-factor authentication

Passwordless authentication, FIDO2, Windows Hello

Management of PCs and mobile devices

Hybrid identity

Account synchronization using Entra Connect Sync and Entra Cloud Connect (Azure AD Connect)

Password hash synchronization

Pass-through authentication

Seamless SSO

Federation with Active Directory Federation Services

Self-service password reset (SSPR)

Entra/AAD Identity Protection

Entra/AAD Privileged Identity Management (PIM)

Entra/AAD Password Protection

3rd party identity consumers, SAML, OpenID Connect

Azure PowerShell

Integration with Azure, Office 365, and Intune

## Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary preparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give

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every topic the same amount of time and emphasis as may be required to completely pass the exam

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