

Masterclass: Managing Azure Active Directory from A to Z (ATZ)

Duration: 4 Days **Course Code: AAD** **Delivery Method: Virtual Learning**

Overview:

This advanced course will guide you through all aspects of deploying and managing Azure Active Directory (AAD) in an organization in a secure way. We will cover co-existence with on-premises Active Directory and options for 3rd party application integration. We will also thoroughly discuss the AAD security best practices during the entire course, including access management, auditing, multi-factor authentication (MFA) configuration, and governance.

This technical course is intended for security architects, Active Directory administrators, security administrators, and security auditors.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Enterprise administrators, infrastructure architects, security professionals, systems engineers, network administrators, IT professionals, security consultants and other people responsible for implementing network and perimeter security.

To attend this training, you should have a good hands-on experience in administering Windows infrastructure. At least 5 years in the field is recommended. All attendees should have experience with Active Directory Domain Services (AD DS) administration.

Testing and Certification

After finishing the course, you will be granted a CQURE Certificate of Completion. Please note that after completing the course you will also be eligible for CPE points!

Content:

Module 1

- Introduction to Azure Active Directory

Module 2

- Administration of users and groups
- Azure AD Security Settings
- Azure PowerShell
- Licensing, Azure AD Premium

Module 3

- Multi-factor Authentication
- Passwordless Authentication, FIDO2, Windows Hello
- Self-service password reset (SSPR)
- AAD Identity Protection
- AAD Privileged Identity Management (PIM)
- AAD Password Protection

Module 4

- Hybrid Identify
- Account synchronization using Azure AD Connect
- Password Hash Synchronization
- Pass-through Authentication
- Seamless SSO
- Federation with Active Directory Federation Services

Module 5

- Management of PCs and Mobile Devices
- Application registration
- Azure AD Application Proxy
- Azure AD Domain Services
- Integration with Azure, Office 365, and Intune
- 3rd party identity providers, SAML, OpenID Connect

Additional Information:

Unique exercises:

Exercises are based on Azure Active Directory, Microsoft 365, Windows 11, and Windows Server 2022. Remember that the hybrid identity lab environment will stay online for an extra three weeks so you may practice even more after the training is completed! This workshop is based on practical knowledge from tons of successful projects, many years of real-world experience and no mercy for misconfigurations or insecure solutions!

Platform and Technical Requirements:

To participate in the course you need a Stable internet connection. For best learning experience we also need you to have a webcam, headphones and a microphone. Open RDP port 3391 for the connection to the Lab environment is needed as well. We will setup a secure Zoom classroom for every day of the course – we will send you a safe link to join the conference by e-mail.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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