

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

**Duration: 4 Days**    **Course Code: AAD**    **Delivery Method: Company Event**

### 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.

### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

### 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

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## 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.

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## 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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