Microsoft Infrastructure as Code (MIAC)

ID MIAC **Price** CHF 2,190.—(excl. VAT) **Duration** 4 days

Who should attend

Azure, Entra ID Administratoren

Prerequisites

Automate Administration with PowerShell (AZ-040T00), Microsoft Azure Administrator (AZ-104T00), Microsoft Identity and Access Administrator (SC-300T00) oder äquivalente Kenntnisse. Für diesen Kurs ist keine Programmiererfahrung erforderlich!

Course Content

Sign in to Entra ID for Automation

- Authorization Code Flow vs. Credential Client flow
- Create and manage Service Principals

Access Control (RBAC)

- Entra ID built-in and custom roles
- Azure built-in and custom roles

Automation Tools Overview for Azure

- PowerShell
- Azure CLI
- ARM/Bicep

Azure Automation I (simple UseCases)

- Create/deploy simple solutions like
- Resource Groups
- VNets
- VMs
- Storage Accounts

DevOps Basics

- git Repositories (commits, branches, clone, …)
- Issues, Discussions, Pull Requests
- Boards, Pipelines/Workflows, Artifacts

Azure Automation II (Deployment platforms)

- DeploymentStacks
- Azure Automation Account
- Azure Function Apps
- GitHub Actions
- Azure DevOps Pipelines

Azure Automation III (complex UseCases)

- Create/deploy often used solutions like
- VNet Peering and Routing
- VMs with KeyVault integration
- Azure Firewall
- Application Gateways
- Azure DNS

Entra ID Automation I

- User, Group and License management
- Application Registrations
- Conditional Access Management
- PIM

Optional content:

Azure Automation IV (Config Management)

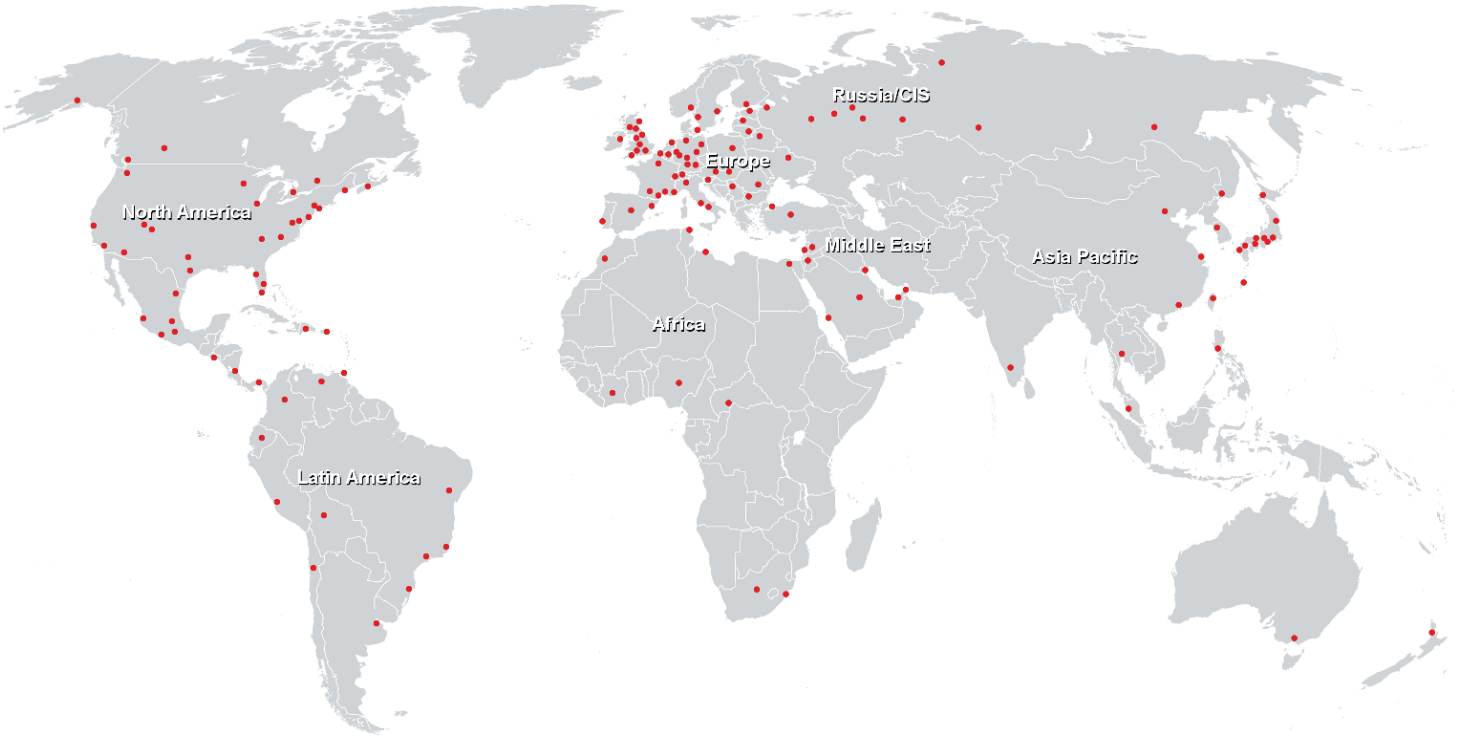
- VM Applications
- Azure Machine Configuration

IaC Basics for Microsoft 365

- Exchange Online
- SharePoint Online
- Teams

Microsoft Infrastructure as Code (MIAC)

Training Centres worldwide





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