Microsoft Azure Administrator (AZ-104T00)

ID AZ-104T00 **Price** CHF 3,380.—(excl. VAT) **Duration** 4 days

Who should attend

This course is for Azure Administrators. The Azure Administrator implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment. The Azure Administrator will provision, size, monitor, and adjust resources as appropriate. Successful Azure Administrators start this role with experience in virtualization, networking, identity, and storage.

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including users, groups, and role-based access control.
- Understanding of resilience and disaster recovery, including backup and restore operations.

This course is part of the following Certifications

Microsoft Certified: Azure Administrator Associate (MCAAA)
Microsoft Certified: Azure Solutions Architect Expert (MCASAE)

Course Content

AZ-104: Prerequisites for Azure administrators

- Introduction to Azure Cloud Shell
- Deploy Azure infrastructure by using JSON ARM templates

AZ-104: Manage identities and governance in Azure

- Understand Microsoft Entra ID
- Create, configure, and manage identities
- Describe the core architectural components of Azure
- Azure Policy initiatives
- Secure your Azure resources with Azure role-based access control (Azure RBAC)
- Allow users to reset their password with Microsoft Entra self-service password reset

AZ-104: Configure and manage virtual networks for Azure administrators

- Configure virtual networks
- Configure network security groups
- Host your domain on Azure DNS
- Configure Azure Virtual Network peering
- Manage and control traffic flow in your Azure deployment with routes
- Introduction to Azure Load Balancer
- Introduction to Azure Application Gateway
- Introduction to Azure Network Watcher

AZ-104: Implement and manage storage in Azure

- Configure storage accounts
- Configure Azure Blob Storage
- Configure Azure Storage security
- Configure Azure Files

AZ-104: Deploy and manage Azure compute resources

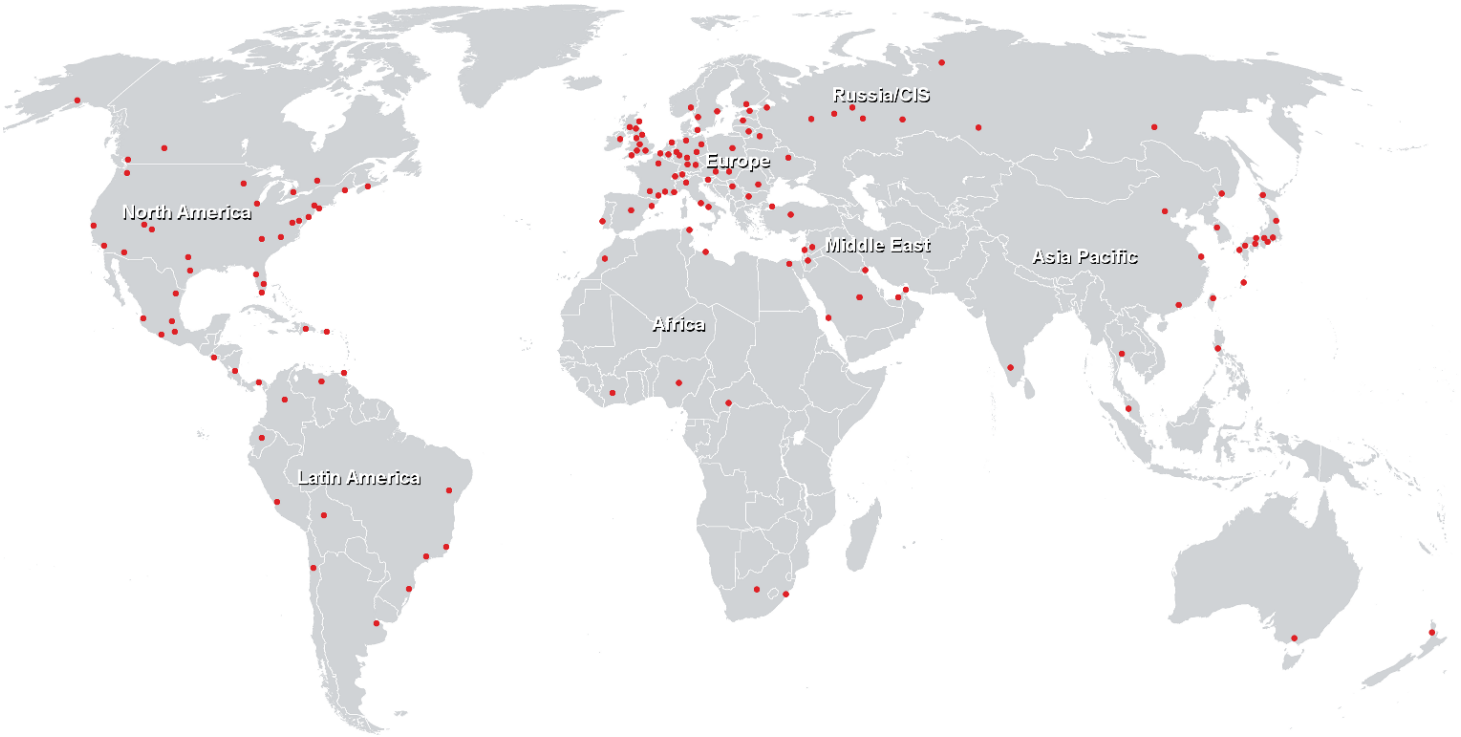
- Introduction to Azure virtual machines
- Configure virtual machine availability
- Configure Azure App Service plans
- Configure Azure App Service
- Configure Azure Container Instances

AZ-104: Monitor and back up Azure resources

- Introduction to Azure Backup
- Protect your virtual machines by using Azure Backup
- Monitor your Azure virtual machines with Azure Monitor

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