

Azure Administrator Associate AZ-104 #050401

(Grundkenntnisse von Cloud, Azure Dienste und Azure Konzepte)

Das Training findet sich am Donnerstag, Freitag und Samstag

vom 28.02.2026 bis zum 02.04.2026 statt.

Insgesamt 52 Stunden:

Samstag, 28.02 (09:00 – 17:00)

Mittwoch, 04.03 (16:00-20:00),

Samstag, 07.03 (09:00-17:00)

Mittwoch, 11.03 (16:00-20:00),

Samstag, 14.03 (09:00-17:00)

Mittwoch, 18.03 (16:00-20:00),

Samstag, 21.03 (09:00-17:00)

Mittwoch, 25.03 (16:00-20:00),

Thursday, 26.03 (16:00-20:00) Free Workshop Day (Optional)

Das Training findet sich interaktiv Online statt.

Teilnehmer: 08 -10

Target :

You participate this Training to validate that you can manage, monitor, implement, and maintain Azure cloud services in a real enterprise environment.

It proves you can operate Azure day-to-day, not just theoretically.

Ziel Publikum :

- IT Administrators / System Administrators
- Cloud Administrators
- IT Support Engineers moving to cloud roles
- Junior DevOps / Infrastructure Engineers
- Anyone responsible for managing Azure resources in a company

Software requirements on Students-Laptops:

- Basic operating system like Windows 9/10/11, macOS or Linux
- Office, Browser and Internet Connection

Requirements:

- Erfolgreiche Azure-Administratoren beginnen diese Rolle mit Erfahrung in den Bereichen Betriebssysteme, Virtualisierung, Cloud-Infrastruktur, Speicherstrukturen und Networking.
- Verständnis über die Virtualisierungstechnologien vor Ort, einschliesslich VMs, virtuelle Netzwerke und virtuelle Festplatten.
- Verständnis über die Netzwerkkonfiguration, einschliesslich TCP/IP, Domain Name System (DNS), virtuelle private Netzwerke (VPNs), Firewalls und Verschlüsselungstechnologien.
- Verständnis von Active Directory-Konzepten, einschliesslich Domänen, Forests, Domänencontroller, Replikation, Kerberos-Protokoll und Lightweight Directory Access Protocol (LDAP).
- Verständnis von Widerstandsfähigkeit und Disaster Recovery, einschliesslich Backup- und Wiederherstellungsvorgängen.

Key Learnings

1. Manage Azure Identities & Governance
2. Implement & Manage Storage
3. Deploy & Manage Compute Resources
4. Configure & Manage Virtual Networks
5. Monitor and Maintain Azure Resources
6. Manage Identity & Access Security
7. Work with Azure App Services & Containers
8. Governance, Cost, & Continuous Operations

Training Outcome

After AZ-104, participants can:

- ✓ Deploy, configure, and monitor Azure services
- ✓ Secure identities, networks, and resources
- ✓ Control cost with governance and automation
- ✓ Manage enterprise-grade Azure environments
- ✓ Be ready for the AZ-104 certification exam and cloud admin roles

Day	Modules
Saturday 1 8 Stunden	<ol style="list-style-type: none"> 1. Manage Azure Identities and Governance <ul style="list-style-type: none"> • Deep dive into Azure AD: Users, groups, administrative units, hybrid identity (Azure AD Connect). • Implement and manage RBAC, custom roles, resource locks, and tags. • Manage subscriptions and governance with Management Groups, Azure Policy, and Blueprints. 2. Azure Administration with command line tool <ul style="list-style-type: none"> • Azure Portal and Cloud Shell • Azure PowerShell and CLI • Azure Resource Manager and ARM templates
Wednesday 1 4 Stunden	<ol style="list-style-type: none"> 3. A) Implement and Manage Storage <ul style="list-style-type: none"> • Configure Azure Storage accounts (types, replication, blob access tiers). • Manage data in Azure Blob Storage and Azure Files (including file sync). • Implement storage security (access keys, SAS tokens, Azure AD authentication).
Saturday 2 8 Stunden	<ol style="list-style-type: none"> 4. B) Implement and Manage Storage <ul style="list-style-type: none"> • Configure Azure Storage accounts (types, replication, blob access tiers). • Manage data in Azure Blob Storage and Azure Files (including file sync). • Implement storage security (access keys, SAS tokens, Azure AD authentication). 5. A) Deploy and Manage Azure Compute Resources <ul style="list-style-type: none"> • VM deployment and configuration (VM Scale Sets, Azure Compute Gallery). • Manage VM backups and sizing (resizing, disks). • Create and configure containers (Azure Container Instances, AKS).



	<ul style="list-style-type: none">• Create and configure an Azure App Service (Web Apps).
Wednesday 2 4 Stunden	6. B) Deploy and Manage Azure Compute Resources <ul style="list-style-type: none">• VM deployment and configuration (VM Scale Sets, Azure Compute Gallery).• Manage VM backups and sizing (resizing, disks).• Create and configure containers (Azure Container Instances, AKS).• Create and configure an Azure App Service (Web Apps).
Saturday 3 8 Stunden	7. Implement and Manage Virtual Networking and connectivity <ul style="list-style-type: none">• Create and configure VNets, subnets, peering, and service endpoints.• Manage name resolution (private and public DNS zones).• Implement and secure network traffic flow (NSGs, ASGs, UDRs, Azure Firewall).• VPN Gateway and Express route.• Monitor and troubleshoot networking (Network Watcher, Connection Monitor).
Wednesday 3 4 Stunden	8. A) Load Balancer <ul style="list-style-type: none">• What is a Load Balancer and its use cases? Types of load balancers available in Azure.• Azure Load Balancer• Application Gateway• Traffic Manager• Azure Front Door
Saturday 4 8 Stunden	9. B) Load Balancer <ul style="list-style-type: none">• What is a Load Balancer and its use cases? Types of load balancers available in Azure.• Azure Load Balancer• Application Gateway• Traffic Manager• Azure Front Door



	<p>10. A) Monitor and Maintain Azure Resources</p> <ul style="list-style-type: none">• Configure and interpret Azure Monitor (Metrics, Log Analytics, Alerts).• Implement backup and recovery for VMs and files.
Wednesday 4 4 Stunden	<p>11. B) Monitor and Maintain Azure Resources</p> <ul style="list-style-type: none">• Configure and interpret Azure Monitor (Metrics, Log Analytics, Alerts).• Implement backup and recovery for VMs and files.
Thursday 4 Stunden	Free Workshop (Optional)

Zurich, 10.12.2025