

# AZ-500

## Microsoft Azure Security Technologies

In this course, students will gain the knowledge and skills they need to implement security controls, maintain security posture, and identify and remediate vulnerabilities using a variety of security tools. The course covers scripting and automation, virtualization and cloud N-tier architecture. The seminar can be used to prepare for certification as an Azure Security Engineer Associate.

### Course Contents

- Module 1: Identity and Access
- Module 2: Platform Protection
- Module 3: Security Operations
- Module 4: Data and applications

**E-Book** The original Microsoft courseware is made available to you online.

### Target Group

Azure administrators

### Prerequisites

Attendees should have at least one year of hands-on experience securing Azure workloads and experience with security controls for workloads on Azure.

Before attending this course, participants must have the following knowledge:  
Microsoft Azure Administrator Associate

### This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

[www.experteach-training.com/go/MZ50](http://www.experteach-training.com/go/MZ50)

### Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

### Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

### Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Status 06/03/2025

Training		Prices, excl. of V.A.T.
<b>Classes in Germany</b>	<b>4 Days</b>	<b>€ 2,595</b>
<b>Online Training</b>	<b>4 Days</b>	<b>€ 2,595</b>
<b>Date/course venue</b>	Course language German	
11/08-14/08/25  Düsseldorf	03/11-06/11/25  München	
11/08-14/08/25  Online	03/11-06/11/25  Online	
08/09-11/09/25  Frankfurt	09/12-12/12/25  Frankfurt	
08/09-11/09/25  Online	09/12-12/12/25  Online	

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## AZ-500 – Microsoft Azure Security Technologies

### Module 1: Identity and Access

#### Lessons

Configure Azure Active Directory for Azure workloads and subscriptions  
Configure Azure AD Privileged Identity Management  
Configure security for an Azure subscription

### Module 2: Platform Protection

#### Lessons

Understand cloud security  
Build a network  
Secure network  
Implement host security  
Implement platform security  
Implement subscription security

### Module 3: Security Operations

#### Lessons

Configure security services  
Configure security policies by using Azure Security Center  
Manage security alerts  
Respond to and remediate security issues  
Create security baselines

### Module 4: Data and applications

#### Lessons

Configure security policies to manage data  
Configure security for data infrastructure  
Configure encryption for data at rest  
Understand application security  
Implement security for application lifecycle  
Secure applications  
Configure and manage Azure Key Vault

