

# Microsoft Azure - Associate: Azure Security Technologies

Course code: MOC AZ-500

Four days of instructor-led training preparing students for AZ-500 certification exam.

## At course completion students will be able

Describe specialized data classifications on Azure

Identify Azure data protection mechanisms

Implement Azure data encryption methods

Secure Internet protocols and how to implement them on Azure

Describe Azure security services and features

## Prerequisites

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

## Course outline

Configure Azure Active Directory for Azure workloads and subscriptions

Configure Azure AD Privileged Identity Management

Configure security for an Azure subscription

Understand cloud security

Build a network

Secure network

Implement host security

Implement platform security

Implement subscription security

Configure security services

Configure security policies by using Azure Security Center

Manage security alerts

Respond to and remediate security issues

Create security baselines

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

## Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved

# Microsoft Azure - Associate: Azure Security Technologies

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary preparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphasis as may be required to completely pass the exam

**GOPAS Praha**  
Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved