

MICROSOFT OFFICIAL CURRICULUM

Microsoft

# Secure Cloud Resources with Microsoft Security Technologies

AZ-500T00

Official Microsoft Learn security course aligned to Azure security engineering responsibilities across identity protection, platform hardening, application security, and security operations.

Security

Intermediate

Azure

DURATION

4 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Certified: Azure Security Engineer Associate

AUDIENCE PROFILE

## Built for these roles

This course is for Azure Security Engineers who are planning to take the associated certification exam, or who are performing security tasks in their day-to-day job. This course would also be helpful to an engineer that wants to specialize in providing security for Azure-based digital platforms and play an integral role in protecting an organization's data.

OVERVIEW

## Executive overview





This course provides IT Security Professionals with the knowledge and skills needed to implement security controls, maintain an organization's security posture, and identify and remediate security vulnerabilities. This course includes security for identity and access, platform protection, data and applications and security operations.

PROGRAM OUTCOMES

## Capabilities your teams will gain

- Implement identity and access protection controls in Azure
- Secure network, compute, and storage resources
- Apply application and workload protection patterns
- Monitor and respond to security events across Azure environments

TALK TO US

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OFFICE

DLF Cyber City, Gurugram  
Haryana — India  
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## ENTERPRISE CUSTOMIZATION

### Enterprise customization

Tailor this program to your organization's priorities: Strengthens cloud security execution by helping teams implement identity, platform, network, and data protection controls across Azure workloads.

#### Customization options

- Add tenant-specific governance and control mapping
- Focus on Defender, Sentinel, or workload protection depth
- Extend into Zero Trust and cloud security operating model topics

## CURRICULUM

### Curriculum roadmap

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#### MODULE 1

### Protect identity and access in Azure

Protect identity and access in Azure

- Manage security controls for identity and access
- Manage Microsoft Entra application access

2

#### MODULE 2

### Protect network infrastructure in Azure

Protect network infrastructure in Azure

- Plan and implement security for virtual networks
- Plan and implement security for private access to Azure resources
- Plan and implement security for public access to Azure resources

3





#### MODULE 3

### Protect compute, storage, and databases

Protect compute, storage, and databases

- Plan and implement advanced security for compute
- Plan and implement security for storage
- Plan and implement security for Azure SQL Database and Azure SQL Managed Instance

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MODULE 4

## Strengthen security posture using Microsoft Defender for Cloud and Microsoft Sentinel

Strengthen security posture using Microsoft Defender for Cloud and Microsoft Sentinel

- Implement and manage enforcement of cloud governance policies
- Manage security posture by using Microsoft Defender for Cloud
- Configure and manage threat protection by using Microsoft Defender for Cloud
- Configure and manage security monitoring and automation solutions

PRIVATE DELIVERY

## Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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