



Course Title: AZ-500T00-A Microsoft Azure Security Technologies [Cloud Slice Provided]	Course Duration: 4.0 Days
Exam: Not Included	Exam Type: Proctored Exam
Qualification: Microsoft Certified: Azure Security Engineer Associate	

Course Syllabus

By the end of this course, learners will be able to implement and manage Azure identity and access controls using Microsoft Entra ID, configure platform protection with network security, compute security, and Azure Defender tools, secure data and applications using encryption, Key Vault, and access policies, implement security monitoring and threat protection using Microsoft Defender for Cloud and Microsoft Sentinel concepts, and apply security best practices to maintain compliance and reduce risk in Azure environments.

Course Overview

This course provides security professionals with the skills required to implement and manage security controls across Microsoft Azure environments. It focuses on identity and access management, platform protection, data and application security, and security operations. Using Cloud Slice labs, learners gain hands-on experience securing Azure resources and responding to security threats in real-world scenarios.

Course Learning Outcomes

By the end of this course, learners will be able to implement and manage Azure identity and access controls using Microsoft Entra ID, configure platform protection with network security, compute security, and Azure Defender tools, secure data and applications using encryption, Key Vault, and access policies, implement security monitoring and threat protection using Microsoft Defender for Cloud and Microsoft Sentinel concepts, and apply security best practices to maintain compliance and reduce risk in Azure environments.

Audience

Azure security engineers, security administrators, IT professionals responsible for cloud security, and those preparing for the AZ-500 certification

Entry-Level Requirements

Experience with Azure administration or equivalent knowledge (AZ-104 level), understanding of networking, virtualization, and security concepts recommended



Recommended Reading

Microsoft Learn AZ-500 learning path, Microsoft Azure Security Benchmark documentation

What's Included

Instructor-led training, hands-on labs, course materials, exam preparation guide

Exam Information

This course prepares learners for the AZ-500: Microsoft Azure Security Technologies certification exam. The exam measures the ability to manage identity and access, implement platform protection, secure data and applications, and manage security operations in Azure. The assessment includes multiple-choice, scenario-based, and case-study questions that reflect real-world security engineering tasks. Passing the exam earns the Microsoft Certified: Azure Security Engineer Associate credential.

What's Next

After completing AZ-500, learners can advance to advanced security and architecture certifications such as AZ-305 (Azure Solutions Architect), SC-100 (Cybersecurity Architect Expert), or SC-200 (Security Operations Analyst).

Additional Information

Instructor-led training, hands-on labs, course materials, exam preparation guide