

PROFESSIONAL COURSE OUTLINE

Microsoft

AZ-500

Azure Security Engineer Associate

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.

Security

Intermediate

Azure

PROGRAM CODE

AZ-500

DELIVERY

Virtual, On-site, or Hybrid

DURATION

4 days

CERTIFICATION

Microsoft Certified: Azure Security Engineer Associate

AUDIENCE PROFILE

Who This Program Is For

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.

PROGRAM SUMMARY

What This Course Covers

Warning This certification, related exam, and renewal assessments will retire on August 31, 2026.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

 info@vnodeites.com +91 9419 11 4792 +91 9419 11 4792

Serving enterprise clients across India and global markets

OFFICE

Wework, DLF Forum Infinity Tower C, Gurugram, INDIA

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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

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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

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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