

# SECURE CLOUD RESOURCES WITH MICROSOFT SECURITY TECHNOLOGIES (AZ-500)

Course Code: 100325

Gain skills needed to implement security controls, maintain an organization's security posture, and identify and remediate security vulnerabilities.

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.

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**Microsoft Azure Certification Video**

## Who Needs to Attend

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.

# SECURE CLOUD RESOURCES WITH MICROSOFT SECURITY TECHNOLOGIES (AZ-500)

Course Code: 100325

CLASSROOM LIVE

\$2,595 CAD

4 Day

## Classroom Live Outline

### **AZ-500: Security identity and access**

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

### **AZ-500: Secure networking**

- 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

### **AZ-500: Secure 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

### **AZ-500: Secure Azure 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

## Classroom Live Labs

### **Module 1**

- Lab : Role-Based Access Control

- Lab : Azure Policy
- Lab : Resource Manager Locks
- Lab : MFA, Conditional Access and AAD Identity Protection
- Lab : Azure AD Privileged Identity Management
- Lab : Implement Directory Synchronization

## **Module 2**

- Lab : Network Security Groups and Application Security Groups
- Lab : Azure Firewall
- Lab : Configuring and Securing ACR and AKS

## **Module 3**

- Lab : Key Vault (Implementing Secure Data by setting up Always Encrypted)
- Lab : Securing Azure SQL Database
- Lab : Service Endpoints and Securing Storage

## **Module 4**

- Lab : Azure Monitor
- Lab : Azure Security Center
- Lab : Azure Sentinel

# SECURE CLOUD RESOURCES WITH MICROSOFT SECURITY TECHNOLOGIES (AZ-500)

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VIRTUAL CLASSROOM LIVE

\$2,595 CAD

4 Day

## Virtual Classroom Live Outline

### **AZ-500: Security identity and access**

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

### **AZ-500: Secure networking**

- 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

### **AZ-500: Secure 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

### **AZ-500: Secure Azure 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

## Virtual Classroom Live Labs

### **Module 1**

- Lab : Role-Based Access Control

- Lab : Azure Policy
- Lab : Resource Manager Locks
- Lab : MFA, Conditional Access and AAD Identity Protection
- Lab : Azure AD Privileged Identity Management
- Lab : Implement Directory Synchronization

## **Module 2**

- Lab : Network Security Groups and Application Security Groups
- Lab : Azure Firewall
- Lab : Configuring and Securing ACR and AKS

## **Module 3**

- Lab : Key Vault (Implementing Secure Data by setting up Always Encrypted)
- Lab : Securing Azure SQL Database
- Lab : Service Endpoints and Securing Storage

## **Module 4**

- Lab : Azure Monitor
- Lab : Azure Security Center
- Lab : Azure Sentinel

Feb 2 - 5, 2026 | 9:00 AM - 5:00 PM EST

Mar 2 - 5, 2026 | 12:00 - 8:00 PM EST

Mar 9 - 12, 2026 | 9:00 AM - 5:00 PM EDT

Apr 20 - 23, 2026 | 9:00 AM - 5:00 PM EDT

May 11 - 14, 2026 | 9:00 AM - 5:00 PM EDT

May 18 - 21, 2026 | 9:00 AM - 5:00 PM EDT

Jun 15 - 18, 2026 | 9:00 AM - 5:00 PM EDT

Jul 27 - 30, 2026 | 9:00 AM - 5:00 PM EDT

Aug 10 - 13, 2026 | 9:00 AM - 5:00 PM EDT

Sep 21 - 24, 2026 | 9:00 AM - 5:00 PM EDT

Oct 26 - 29, 2026 | 9:00 AM - 5:00 PM EDT

Nov 9 - 12, 2026 | 9:00 AM - 5:00 PM EST



# SECURE CLOUD RESOURCES WITH MICROSOFT SECURITY TECHNOLOGIES (AZ-500)

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PRIVATE GROUP TRAINING

4 Day

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