

AZ 500T00A MICROSOFT AZURE SECURITY TECHNOLOGIES

WELCOME

THANK YOU FOR JOINING US TODAY

We've worked together with the Microsoft Partner Network and Microsoft IT Academies to bring you a world-class learning experience. At the end of class, please complete an evaluation of today's experience. We value your feedback!



Microsoft Certified Trainers + Instructors.

Your instructor is a premier technical and instructional expert who meets ongoing certification requirements



Customer Satisfaction Guarantee.

Our partners offer a satisfaction guarantee and we hold them accountable for it

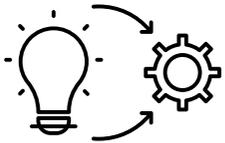


Certification Exam Benefits.

After training, consider pursuing a Microsoft Certification to help distinguish your technical expertise and experience. Ask your instructor about available exam promotions and discounts

WE WISH YOU A GREAT LEARNING EXPERIENCE AND ONGOING CAREER SUCCESS!

AZURE SECURITY ENGINEERS



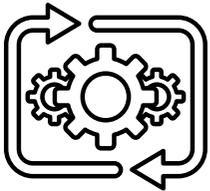
Implement security controls, maintain the organization's security posture, manage identity and access, and protect data applications, and networks.



Identify and remediate vulnerabilities by using a variety of security tools, implement threat protection, and respond to security incident escalations.



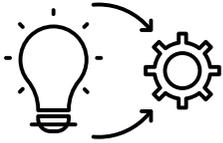
Work as part of a larger team dedicated to cloud-based management and security and may also secure hybrid environments as part of an end-to-end infrastructure.



Are familiar with scripting and automation, and have a deep understanding of networking, and virtualization.

ABOUT THIS COURSE:PREREQUISITES

Understand security best practices and industry security requirements such as defense in depth, least privileged access, role-based access control, multi-factor authentication, shared responsibility, and zero trust model



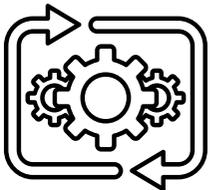
Understand security best practices and industry security requirements such as defense in depth, least privileged access, role-based access control, multi-factor authentication, shared responsibility, and zero trust model.



Be familiar with security protocols such as Virtual Private Networks (VPN), Internet Security protocol(IPSec),Secure Socket Layer (SSL),disk and data encryption methods.



Have some experience deploying Azure workloads. This course does not cover the basics of Azure administration, instead the course content builds on that knowledge by adding security specific information.



Have experience with Windows and Linux operating systems and scripting languages.

AZ-500 CERTIFICATION AREAS

| Study Areas | Weights |
|--------------------------------------|----------------|
| Manage identity and access | 30-35% |
| Implement platform protection | 15-20% |
| Manage security operations | 25-30% |
| Secure data and applications | 20-25% |

Percentages indicate the relative weight of each area on the exam

The higher the percentage, the more questions you are likely to see in that area

MICROSOFT ROLE-BASED INFRASTRUCTURE CERTIFICATIONS

Certifications give you a professional edge by providing globally recognized industry endorsed evidence of skills mastery, demonstrating your abilities and willingness to embrace new technologies



Exam AZ-900:Microsoft Azure Fundamentals

Designed for candidates looking to demonstrate foundational level knowledge of cloud services and how those services are provided



Microsoft Certified:Azure Security Engineer: Associate

Designed for Azure Security Administrators who implement, monitor, and maintain security infrastructures



Microsoft Certified: Azure Solutions ArchitectExpert

Designed for Azure Solutions Architects who createsolutions for compute, network, storage and security

COURSE SCHEDULE

| | Day 1 | Day 2 | Day 3 | Day 4 |
|----|---------------------------|-------------------------|---------------------------|---------------------------|
| AM | Introductions | Perimeter Security | Key Vault | Monitor |
| | Azure Active Directory | Network Security | App Security | Security Center |
| | Identity Protection | Hands-on (Lab 07 or 08) | Hands-on (Lab 10) | Hands-on (Lab 13, Lab 14) |
| | Hands-on (Lab 04) | | | |
| PM | Enterprise Governance | Host Security | Storage Security | Sentinel |
| | Hands-on (Lab 01, 02, 03) | Container Security | Database Security | Hands-on (Lab 15) |
| | Privileged Identity | Hands-on (Lab 09) | Hands-on (Lab 11, Lab 12) | |
| | Hybrid Identity | | | |
| | Hands-on (Labs 05 or 06) | | | |

HANDS-ON LABS



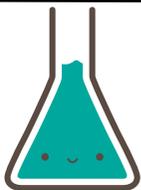
You will use a Microsoft Learning Azure Pass to provide access to Microsoft Azure



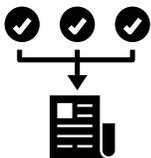
Check the dollar balance of you Azure Pass within Microsoft Azure once you have set up your subscription



Be aware of how much you are consuming and do not allow Microsoft Azure components to run overnight or for extended periods



Lab instructions are in a GitHub repository. For this class use the <your region> location



Each lab creates a new resource group. To minimize costs, remove the resource group at the end of the lab

ADDITIONAL RESOURCES

Microsoft Learn

Channel 9

Azure Documentation

Microsoft Azure Blog

Azure Forum

Azure Tuesdays with Corey

Microsoft Learning Community Blog

Bookmarks are in your training materials – Welcome section

Azure Fridays with Scott Hanselman