INFOSEC Skills

LIVE BOOT CAMPS ▶

Get live, expert instruction from anywhere.

Microsoft Azure Dual Certification Boot Camp

Learn how to implement, monitor, maintain and secure Microsoft Azure solutions! This boot camp provides hands-on experience and prepares you to earn two Microsoft certifications: Azure Administrator Associate and Azure Security Engineer Associate.

Course description

Infosec's Microsoft Azure Dual Certification Boot Camp teaches you vital Microsoft Azure administration and security skills through hands-on labs and expert instruction. The intensive training prepares you to pass the two exams necessary to become a Microsoft Certified: Azure Administrator Associate and Microsoft Certified: Azure Security Engineer Associate.

You'll build your knowledge through hands-on labs, simulations and real-world application of skills. The combination of practical labs and expert instruction ensures you'll leave the boot camp with skills that directly transfer to the workplace.

Who should attend

- » Network and system administrators
- » System engineers
- » IT managers and consultants
- » Anyone interested in building their Microsoft Azure administration and security skills

Boot camp at a glance

🎓 Certifications

- ✓ Microsoft Certified: Azure Administrator Associate
- ✓ Microsoft Certified: Azure Security Engineer Associate

🖥 Delivery methods

- ✓ Online
- ✓ In person
- ✓ Team onsite

🕐 Training duration

- ✓ Immediate access to Infosec Skills
- ✓ 7-day boot camp
- ✓ 90-day extended access to all boot camp materials

The hands-on cybersecurity training platform that moves as fast as you do

Infosec Skills boot camps are engineered to match the way today's cybersecurity professionals prefer to learn. In addition to days of live training from an experienced pro, you'll get unlimited access to 100s of additional hands-on cybersecurity courses and cyber ranges to help you advance your skills before, during and after your boot camp. Your Infosec Skills access extends 90 days past your boot camp, so you can take additional time to prepare for your exam, or get a head start on your next certification goal.

Start training immediately	**Learn by doing in the cyber range**	**Get unlimited custom practice exams**	**700+ IT and security courses**
Prepare for your boot camp with immediate access to the Infosec Skills on-demand training library.	Put what you've learned into practice with 100s of browser-based labs and hands-on projects.	Uncover knowledge gaps with unlimited practice exams attempts and skill assessments.	Earn CPEs and build new skills with 100s of additional training courses.

What's included

- » Seven days of live, expert Azure instruction
- » 100% Satisfaction Guarantee
- » Exam voucher
- » Unlimited practice exam attempts
- » Free 90-day Infosec Skills subscription (access to 1,400+ additional courses and labs)
- » 90-day extended access to all boot camp video replays and materials
- » Onsite proctoring of exam
- » Pre-study learning path
- » Knowledge Transfer Guarantee

Prerequisites

A basic understanding of cloud computing is recommended, but not required.

Dual certification

This training provides hands-on experience and prepares you to earn two Microsoft certifications.

Microsoft Certified: Azure Administrator Associate

In the first part of the training, you'll learn about implementing, monitoring and maintaining Microsoft Azure solutions, including major services related to computing, storage, network and security.

Key topics include how to:
» Manage Azure identities and governance
» Implement and manage storage
» Deploy and manage Azure compute resources
» Configure and manage virtual networking
» Monitor and back up Azure resources

Microsoft Certified: Azure Security Engineer Associate

In the second part of the training, you'll learn about implementing security controls and threat protection; managing identity and access; and protecting data, applications and networks in cloud and hybrid environments as part of end-to-end infrastructure.

Key topics include how to:
» Manage identity and access
» Implement platform protection
» Manage security operations
» Secure data and applications

Learn from experts

We don't just have great instructors, our instructors have years of industry experience and are recognized as experts. Over the past 15 years, we've helped tens of thousands of students get certified and advance their careers.

Industry-leading exam pass rates

Infosec's courseware materials are always up to date and synchronized with the latest Microsoft exam objectives. Our industry-leading curriculum and expert instructors have led to the highest pass rates in the industry. More than 93% of Infosec students pass their certification exams on their first attempt.

What our students are saying

Incredible! I have attended classes where the instructor just read PowerPoints — our instructor added so much additional information to the class and knows the field of security inside and out! I was very pleased with his knowledge and instructional skills.

Sheree Moore
Mobile County Public Schools

I went to West Point for my bachelor's, Columbia for my master's and had multiple Army-led courses, and this ranks as one of the best, most engaging courses that I have ever had.

William Jack
Deloitte Consulting, LLC

The instructor was able to take material that prior to the class had made no sense and explained it in real-world scenarios that were able to be understood.

Erik Heiss
United States Air Force

Skill up and get certified, guaranteed

100% Satisfaction Guarantee

If you're not 100% satisfied with your training at the end of the first day, you may withdraw and enroll in a different online or in-person course.

Knowledge Transfer Guarantee

If an employee leaves within three months of obtaining certification, Infosec will train a different employee for free for up to one year.

Microsoft Azure Dual Certification details

Our instructors give you 100% of their time and dedication to ensure that your time is well spent. You receive an immersive experience with no distractions! The typical daily schedule is:

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Morning session	Introduction Identity	Azure administration Virtual networking	Azure storage Azure virtual machines	Monitoring Exam review	Identity and access	Platform protection	Data and applications Exam review
Afternoon session	Governance and compliance	Intersite connectivity Network traffic management	Serverless computing Data protection	Exam AZ-104: Microsoft Azure Administrator	Identity and access (cont)	Security operations	Exam AZ-500: Microsoft Azure Security Technologies
Evening session	Optional group & individual study	Optional group & individual study	Optional group & individual study	Optional group & individual study	Optional group & individual study	Optional group & individual study	

Schedule may vary from class to class

Before your boot camp

Start learning now. You'll get immediate access to all the content in Infosec Skills the moment you enroll. Prepare for your live boot camp, uncover your knowledge gaps and maximize your training experience.

Azure Administrator Associate

» Identity
  » Azure Active Directory
  » Users and groups
» Governance and compliance
  » Subscriptions and accounts
  » Azure policy
  » Role-based access control (RBAC)
» Azure administration
  » Azure resource manager
  » Azure portal and cloud shell
  » Azure PowerShell and CLI
  » ARM templates

» Virtual networking
  » Virtual networks
  » IP addressing
  » Network security groups
  » Azure firewall
  » Azure DNS
» Intersite connectivity
  » VNet peering
  » VPN gateway connections
  » ExpressRoute and virtual WAN
» Network traffic management
  » Network routing and endpoints
  » Azure load balancer
  » Azure application gateway
  » Traffic manager
» Azure storage
  » Storage accounts
  » Blob storage
  » Storage security
  » Azure files and file sync

- » Managing storage
- » Azure virtual machines
  - » Virtual machine planning
  - » Creating virtual machines
  - » Virtual machine availability
  - » Virtual machine extensions
- » Serverless computing
  - » Azure app service plans
  - » Azure app service
  - » Container services
  - » Azure Kubernetes service
- » Data protection
  - » File and folder backups
  - » Virtual machine backups
- » Monitoring
  - » Azure monitor
  - » Azure alerts
  - » Log analytics
  - » Network watcher

Azure Security Engineer Associate

- » Identity and access
  - » Configure Azure Active Directory for Azure workloads and subscriptions
  - » Configure Azure AD Privileged Identity Management
  - » Configure security for an Azure subscription
- » Platform protection
  - » Understand cloud security
  - » Build a network
  - » Secure network
  - » Implement host security
  - » Implement platform security
  - » Implement subscription security

- » Security operations
  - » Configure security services
  - » Configure security policies by using Azure Security Center
  - » Manage security alerts
  - » Respond to and remediate security issues
  - » Create security baselines
- » Data and applications
  - » Configure security policies to manage data
  - » Configure security for data infrastructure
  - » Configure encryption for data at rest
  - » Understand application security
  - » Implement security for application lifecycle
  - » Secure applications
  - » Configure and manage Azure Key Vault

After your boot camp

Your Infosec Skills access extends 90 days past your boot camp, so you can take additional time to prepare for your exam, get a head start on your next certification goal or start earning CPEs.

About Infosec

Infosec's mission is to put people at the center of cybersecurity. We help IT and security professionals advance their careers with skills development and certifications while empowering all employees with security awareness and phishing training to stay cyber-safe at work and home. Learn more at infosecinstitute.com.

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