

## Get live, expert instruction from anywhere.



## Advanced Ethical Hacking Boot Camp

Take your penetration testing skills to a new level! The industry's most advanced ethical hacking training teaches you how to orchestrate and defend against advanced persistent threats (APT) attacks.

### Course description

Modern networks and systems are fully patched, hardened from attack and armored to the hilt with expensive security gear — but the bad guys still get in on a daily basis! How do they do this?

Infosec's Advanced Ethical Hacking Boot Camp will teach you how to successfully attack fully patched and hardened systems, circumvent common security controls and access confidential data. You'll bring this knowledge back to your organization so you can formulate ways to defend against these sophisticated attacks. By learning how to fully utilize zero-day attacks that replicate an APT attack, you become an extremely valuable member of any penetration testing team. This course also supports and prepares you for the Certified Penetration Tester (CPT) and Certified Expert Penetration Tester (CEPT) exams.

### Who should attend

- » Penetration testers
- » Security analysts
- » Cybersecurity consultants
- » Anyone with a desire to learn advanced ethical hacking skills!

### Boot camp at a glance



#### Hands-on training

- ✓ Practice your skills in the cyber range
- ✓ Dozens of hands-on exercises and Capture the Flags (CTFs)
- ✓ Learn how to chain exploits, reverse engineer binaries, defeat security technologies and more!



#### Delivery methods

- ✓ Online
- ✓ In person
- ✓ Team onsite



#### Training duration

- ✓ Immediate access to Infosec Skills
- ✓ 5-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

Prepare for your boot camp with immediate access to the Infosec Skills on-demand training library.



### Learn by doing in the cyber range

Put what you've learned into practice with 100s of browser-based labs and hands-on projects.



### Get unlimited custom practice exams

Uncover knowledge gaps with unlimited practice exams attempts and skill assessments.



### 700+ IT and security courses

Earn CPEs and build new skills with 100s of additional training courses.

## What's included

- » Five days of expert, live Advance Ethical Hacking training
- » Exam Pass Guarantee
- » Exam vouchers
- » Unlimited practice exam attempts
- » 100% Satisfaction Guarantee
- » 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
- » Pre-study learning path
- » Knowledge Transfer Guarantee

### Prerequisites

- » Firm understanding of the Windows Operating System
- » Exposure to the Linux Operating System or other Unix-based operating system
- » Grasp of the TCP/IP protocols
- » Exposure to network reconnaissance and associated tools (nmap, nessus, netcat)
- » Programming knowledge is NOT required

**INFOSEC Skills**

LIVE BOOT CAMPS 

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## What you'll learn

- » System exploitation process
- » Replicating the process and architecture of APT attacks
- » Attacking fully patched systems
- » Attacking DMZs and other secured infrastructure
- » Port redirection
- » compromising secured infrastructure
- » Using egghunter and Meterpreter shellcode
- » Metasploit scripting and automation
- » NMAP automation
- » Running exploits in RAM vs. on disk
- » Hiding from IDSs
- » Covert channels
- » Privilege escalation attacks on Windows
- » Advanced man-in-the-middle (MiTM) attacks
- » Traffic interception
- » Hijacking SSL encrypted sessions
- » MiTM VoIP attacks
- » Intercepting VoIP traffic and attacking ethernet-enabled PBXs
- » Zero-day vulnerability discovery process
- » Format string attacks
- » Windows SEH stack overflows
- » Writing Windows shellcode
- » Heap spraying / JIT spraying
- » Fuzzer selection and comparison
- » Binary auditing with IDA Pro
- » Portable Executable (PE) compression and encoding
- » Using a disassembler
- » Anti-disassembling detection circumvention
- » Web app fuzzing
- » Advanced SQL injection
- » Cross-Site Request Forgery (CSRF) attacks
- » XSS attacks and XSS redirection
- » RFI and Source Code Injection attacks
- » Proxy cache poisoning

## Regularly updated training

Black hat hackers are always changing their tactics to get one step ahead of the good guys. We update our course materials regularly to ensure that you learn about the current threats to your organization's networks and systems.

## Hands-on lab

Hundreds of exercises in over 30 separate hands-on labs bring you up to speed with the latest threats to which your organization is most vulnerable. Practice penetration testing in our virtualized environment that simulates a full range of servers and services used in a real company. Learn how to compromise web servers, virtual machines, databases, routers and firewalls, and then put it all together in an unscripted evening Capture the Flag (CTF) exercise.

## Nightly capture the flag exercises

CTF exercises are an opportunity for you to practice your hacking skills in a real-world environment. Infosec sets up a mock company that you can freely attack without having to worry about damaging production systems. The purpose of CTF exercises is to ensure you understand how to apply the skills learned during the day to a real-world, ethical hacking scenario.

## 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.

# 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



### Exam Pass Guarantee

If you don't pass your exam on the first attempt, get a second attempt for free. Includes the ability to re-sit the course for free for up to one year.



### 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.

## 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](https://infosecinstitute.com).