

Get live, expert instruction from anywhere.



Certified Network Defender Boot Camp

This intensive course is crafted to equip participants with the skills and knowledge essential for the Certified Network Defender (CND) exam, covering a spectrum of network defense techniques, incident response strategies and cybersecurity best practices in areas such as endpoint security, network perimeter, data protection and threat intelligence.

Course description

This immersive 5-day training Boot Camp is designed to prepare students with the core knowledge and skills required to pass the CNDv2 exam and to adapt to changes projected in the CNDv3 blueprint. Students in this course will learn how to help protect modern networks by recognizing and responding to common networks, cybersecurity, and information security threats. In addition to providing an in-depth coverage of each domain of the CND exam, this course will give an intensive review of many key topics in network defense including Defense Fundamentals, Security Threats, Vulnerabilities, Attacks, Security Controls, Protocols, and Devices, Network Security Policy Design and Implementation, Physical Security, Host Security, and much more.

In addition to covering the core knowledge areas required for the CND exam, participants are also provided opportunities to gain hands-on experience utilizing our virtualized lab and range environments to perform common security activities such as configuring security tools, conducting vulnerability assessments and implementing incident response strategies.

Who should attend

- » Security Analysts and administrators
- » IT Managers/Directors
- » Incident Responders and SOC staff
- » Anyone interested in learning more about out to best prevent and respond to cyber threats

Boot camp at a glance



What you'll learn

- ✓ Essential network defense mechanisms and strategies
- ✓ Effective approaches to handle security incidents
- ✓ Key tools, technologies, and practices to identify, manage and mitigate risks or threats
- ✓ Core knowledge required for the CNDv2 certification exam



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 hundreds 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 hundreds of additional training courses.

What's included

- » Five days of expert, live CND focused instruction
- » Exam Pass Guarantee
- » Exam voucher
- » Unlimited practice exam attempts
- » 100% Satisfaction Guarantee
- » Free 90-day Infosec Skills subscription (access to 1,400+ additional courses and lab)
- » 90-day extended access to Boot Camp components, including class recordings
- » Knowledge Transfer Guarantee

Prerequisites

While there are no strict prerequisites to enrolling in this boot camp or taking the CNDv2 exam, students are suggested to have approximately 2-3 years of prior experience with IT or networking technologies. Students entering this course should have a foundational understanding of networking concepts and basic information security principles, including topics such as basic network protocols, security controls, and general IT concepts or technologies.

Exam objectives

The CNDv2 exam is made of a collection of key topic areas developed in collaboration with top industry partners to address the most recent and important skills and knowledge for today's landscape. Topic areas in this address include:

- » Network Attacks and Defense Strategies
- » Administrative Network Security
- » Technical Network Security
- » Network Perimeter Security
- » Endpoint Security on Various OS
- » Endpoint Security-Mobile and IoT Devices
- » Administrative Application Security
- » Data Security
- » Enterprise Virtual, Cloud, and Wireless security
- » Network Traffic Monitoring and Analysis
- » Logs Monitoring and Analysis
- » Incident Response and Forensics
- » Business Continuity and Disaster Recovery
- » Risk Anticipation with Risk Management
- » Threat Assessment with Attack Surface Analysis
- » Threat Prediction with Cyber Threat Intelligence

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.

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.

Certified Network Defender 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
Morning session	Course Intro & Overview Intro to CNDv2 Network Attacks Defense Strategies	Network Perimeter Endpoint Security (Windows) Endpoint Security (Linux)	Data Security Virtual Network Security Cloud Network Security	Incident Response Business Continuity Disaster Recovery	Threat Prediction Cyber Threat Intelligence
Afternoon session	Admin Network Security Technical Network Security	Endpoint Security (Mobile) Endpoint Security (IoT) Admin App Security	Wireless Network Security Traffic Monitoring Logs Analysis	Risk Anticipation Threat Assessment Attack Surface Analysis	Exam Tips Recap Practice Exam

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.

During your boot camp

Day 1

- » Introduction to (SOA-C02)
 - » Exam outline
 - » Exam topics
 - » Exam tips & tricks
- » Network Defense Management
 - » Network Attacks and Defense Strategies
 - » Administrative Network Security
 - » Technical Network Security

Day 2

- » Network Perimeter Protection
 - » Network Perimeter Security

- » Endpoint Protection
 - » Endpoint Security on Various OS
 - » Endpoint Security-Mobile and IoT Devices

Day 3

- » Application and Data Protection
 - » Administrative Application Security
 - » Data Security
- » Enterprise Virtual, Cloud and Wireless Network Protection
 - » Enterprise Virtual, Cloud, and Wireless security
 - » Network Traffic Monitoring and Analysis
 - » Logs Monitoring and Analysis

Day 4

- » Incident Detection
 - » Incident Response and Forensics
 - » Business Continuity and Disaster Recovery

Day 5

- » Incident Prediction
 - » Risk Anticipation with Risk Management

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.