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The Complete Cybersecurity Bootcamp, 2nd Edition

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★★★★★ [1 review](#)



By [Omar Santos](#)

Complete Video Course

The Complete Cybersecurity Bootcamp

2nd Edition

Omar Santos

livelessons™

Start

TIME TO COMPLETE:
26h 35m

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TOPICS:

Security Certifications

PUBLISHED BY:

Pearson IT Certification

PUBLICATION DATE:

May 2022

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26 Hours of Video Instruction

26 Hours of Detailed, Curated Video Training to Take You from Basic to Guru in Cybersecurity

Overview

The Complete Cybersecurity Bootcamp, 2nd Edition is your comprehensive guide to becoming a cybersecurity professional. The extensive course is compiled from Omar Santo's best-selling video courses, starting with the basics and leading you through the most important topics in the cybersecurity landscape. The videos in this intensive bootcamp are structured to help you start with the fundamental concepts of cybersecurity and then build your core cybersecurity knowledge and move on to real-life pen testing and ethical hacking projects. It also covers cloud security, cybersecurity management, monitoring and analysis, network security telemetry, digital forensics and incident response (DFIR), ethical hacking and pen testing, wireless hacking and pen testing, mobile device security, and IoT security. This course can also be a resource for anyone who is preparing for security certification like CompTIA Security+, Cisco CyberOps Associate, CISSP, CompTIA PenTest+, Certified Ethical Hacker (CEH), GIAC certifications, or others.

Omar Santos, a best-selling Cisco Press and Pearson security author and trainer, has compiled the lessons to provide you with the best knowledge. The Bootcamp is organized in an easy-to-follow manner to give you the freedom to move at your own pace. The course provides supplement materials to strengthen your critical concepts and techniques that help you build your own hacking environment, examples of real-life penetration testing reports, and more. This material can be found at theartofhacking.org.

The contents of *The Complete Cybersecurity Bootcamp, 2nd Edition* were created using the following titles:

- Wireless Networks, IoT, and Mobile Devices Hacking by Omar

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Course by Omar Santos and Ron Taylor

- CCNP and CCIE Security Core SCOR 350-701 Complete Video Course by Omar Santos and Ron Taylor
- CompTIA PenTest+ (PT1-001) Complete Video Course by Omar Santos
- Certified Ethical Hacker (CEH) Complete Video Course, 3rd Edition by Omar Santos and Nick Garner
- Security Penetration Testing by Omar Santos, Jon Sternstein, Ron Taylor, and Chris McCoy



Related Learning:

Sign up for Cybersecurity live training with Omar Santos:

[Modern Cybersecurity Fundamentals](#)

[Becoming a Hacker: An Introduction to Ethical Hacking, Penetration Testing, and Bug Hunting](#)

Topics include

Module 1: Security Concepts

Module 2: Security Operations, Incident Response, and Digital Forensics

Module 3: AAA, Identity Management, Network Visibility, and Segmentation

Module 4: Fundamentals of Ethical Hacking and Penetration Testing

Module 5: Mobile Device Security

Module 6: Internet of Things (IoT) Security

Module 7: Cloud Security Fundamentals

About the Instructor

Omar Santos is an active member of the cybersecurity community, where he leads several industry-wide initiatives. He is the lead of the DEF CON Red Team Village; the chair of the Common Security Advisory Framework (CSAF) technical committee; the co-chair of the Forum of Incident Response and Security Teams (FIRST) Open Source Security working group; and has been the chair of several initiatives in the Industry Consortium for Advancement of Security on the Internet (ICASI). His active role helps businesses, academic institutions, state and local law enforcement agencies, and other participants dedicated to increasing the security of their critical infrastructures.

Omar is the author of over twenty books and video courses, as well as numerous white papers, articles, and security configuration guidelines and best practices. Omar is a principal engineer of the Cisco Product Security Incident Response Team (PSIRT), where he mentors and leads engineers and incident managers during the investigation and resolution of cybersecurity vulnerabilities. Additional information about Omar's current projects can be found at omarsantos.io and

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Skill Level

- Beginner

**Learn How To:**

- Survey cybersecurity vulnerabilities
- Decipher Encryption and Hashing Algorithms
- Analyze Computer Incident Response Teams (CSIRTs) and Product Security Incident Response Teams (PSIRTs)
- Apply VERIS
- Perform DNS Analysis and Web Log Analysis
- Identify MITRE ATT&CK Framework
- Examine Asset and Threat Actor Attribution
- Examine Host-based Intrusion Detection
- Analyze Security Device Data
- Survey the TACACS+ Protocol
- Survey Open Source SDN Solutions
- Scope a Penetration Testing Engagement Properly
- Perform Footprinting through Social Engineering
- Scan beyond IDS and Firewall
- Survey Web Server Attack Tools
- Explore SQL Injection Tools
- Hack Bluetooth
- Build your own lab
- Create a Fuzzing Strategy
- Crack Passwords
- Hack iOS and Android OS
- Hack Android devices

**Who Should Take This Course:**

- Anyone contemplating starting a career in cybersecurity.
- People who would like to better understand cybersecurity concepts.
- Anyone studying for a security cert like CompTIA Security+, Cisco CyberOps Associate, Certified Ethical Hacker (CEH), GIAC Information

Course Requirements:

- Students should be familiar with basic computing and networking concepts, as well as Linux and Windows

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About Pearson Video Training.

Pearson publishes expert-led video tutorials covering a wide

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About the Publisher

Pearson IT Certification is a leader in IT Certification learning solutions, with a long tradition of delivering proven learning tools and educational training materials that have helped instructors teach, tapping into the exciting new opportunities provided by the technology advances of mobile and tablet devices, online learning, and web-based services, Pearson has created a suite of products and solutions that address the learning, preparation, and practice needs of a new generation of certification candidates, students, and IT professionals.

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