

uCertify

The Art of Attack: Attacker Mindset for Security Professionals



Lesson



Practice test

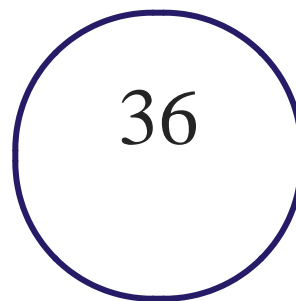


Live-Lab

08 Jun 2023

- 8. 1 Introduction
- 2 What Is the Attacker Mindset?
- 3 Offensive vs. Defensive Attacker Mindset
- 4 The Attacker Mindset Framework
- 5 The Laws
- 6 Curiosity, Persistence, and Agility
- 7 Information Processing: Observation and Thinking Techniques
- 8 Information Processing in Practice
- 9 Attack Strategy
- 10 Psychology in Attacks
- 11 Staying Protected—The Individual
- 12 Staying Protected—The Business

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1: Introduction

- Who Is This Course For?
- What This Course Covers

2: What Is the Attacker Mindset?

- Using the Mindset
- The Attacker and the Mindset
- AMs Is a Needed Set of Skills
- Summary

3: Offensive vs. Defensive Attacker Mindset

- The Offensive Attacker Mindset
- Defensive Attacker Mindset
- Summary

4: The Attacker Mindset Framework

- Development
- Ethics

- Social Engineering and Security
- Summary

5: The Laws

- Law 1: Start with the End in Mind
- Law 2: Gather, Weaponize, and Leverage Information
- Law 3: Never Break Pretext
- Law 4: Every Move Made Benefits the Objective
- Summary

6: Curiosity, Persistence, and Agility

- Curiosity
- The Exercise: Part 1
- The Exercise: Part 2
- Persistence
- Skills and Common Sense
- Summary

7: Information Processing: Observation and Thinking Techniques

- Your Brain vs. Your Observation
- Observation vs. Heuristics
- Observation vs. Intuition
- Observing People
- Observation Exercise
- AMs and Observation
- Tying It All Together
- Critical and Nonlinear Thinking
- Vector vs. Arc
- Education and Critical Thinking
- Workplace Critical Thinking
- Critical Thinking and Other Psychological Constructs
- Nonlinear Thinking
- Tying Them Together
- Summary

8: Information Processing in Practice

- Reconnaissance
- Recon: Passive
- Recon: Active
- OSINT
- Signal vs. Noise
- Summary

9: Attack Strategy

- Attacks in Action
- Strategic Environment
- The Necessity of Engagement and Winning
- The Attack Surface
- AMs Applied to the Attack Vectors
- Summary

10: Psychology in Attacks

- Setting The Scene: Why Psychology Matters

- Ego Suspension, Humility & Asking for Help
- Introducing the Target-Attacker Window Model
- Target Psychology
- Thin-Slice Assessments
- Default to Truth
- Summary

11: Staying Protected—The Individual

- Attacker Mindset for Ordinary People
- Behavioral Security
- Amygdala Hijacking
- Analyze Your Attack Surface
- Summary

12: Staying Protected—The Business

- Testing and Red Teams
- The Complex Policy
- Antifragile

- The Full Spectrum of Crises
- Final Thoughts
- Summary

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What Is the Attacker Mindset?

- Exploiting a Website Using SQL Injection

Offensive vs. Defensive Attacker Mindset

- Using the Nslookup Tool
- Using theHarvester

The Attacker Mindset Framework

- Using a Social Engineering Technique

Information Processing in Practice

- Using Recon-ng
- Performing Passive Reconnaissance
- Performing Active Reconnaissance
- Using Maltego
- Displaying Metadata Information

Attack Strategy

- Using Anti-Phishing Tools
- Performing a Phishing Attack

Psychology in Attacks

- Gathering OSINT
- Performing a Spoofing Attack

Staying Protected—The Individual

- Creating a VPN Connection
- Analyzing Pwned Passwords

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LIVE LABS

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VIDEO TUTORIALS

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MINUTES

