

FOCAL POINT - HACKER METHODOLOGIES SECURITY PROFESSIONAL

Course Code: 100223

Learn the processes threat actors use to break into organizations' networks and steal their most sensitive data.

This course teaches students the processes threat actors use to break into organizations' networks and steal their most sensitive data. Utilizing industry-standard penetration testing and auditing software, attendees will learn to identify, scan, and enumerate target systems; correlate services to vulnerabilities and exploits; employ exploits to gain access to the target systems; elevate privileges; propagate through the network; and cover their tracks within a target network. This course is focused primarily on Windows and Linux operating systems, so students should be comfortable with both.

What You'll Learn

- Identify the classes of hackers, their motivations, and the methodologies employed by threat actors
- Use publicly available tools and open source intelligence techniques to develop a target footprint
- Scan and enumerate targets to identify underlying operating systems and services
- Research and leverage exploits for vulnerable services to achieve access to target systems
- Identify system configuration weaknesses and viable privilege escalation tactics
- Analyze exploited systems to identify and remove indicators of compromise
- Employ system tools to exploit additional targets within an internal network

Who Needs to Attend

- Threat Hunters who need to understand hacker behavior and methodology
- Security Analysts and Incident Responders who need to identify signs of compromise
- New members of penetration testing or red teams

Prerequisites

- A strong understanding of TCP/IP networking is required
- A strong familiarity with the Windows and Linux CLI is required
- A strong understanding of the Windows and Linux OS is required

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