

ABOUT THE COURSE

The Attacking Web Applications course takes you deep into the world of web technologies, exploring design flaws and misconfigurations to identify and neutralize potential threats. This thrilling journey leads you through the complex layers of web applications, from client-side to server-side, unraveling the intricate communication between them.

Prepare yourself for a quest to discover vulnerabilities in web applications, protect sensitive information from malicious actors, and emerge as a skilled defender of secure web environments.

Instructor- Led Online

Duration: 45 Hours

WHO SHOULD ATTEND ?

- Security Researchers
- Web Developers
- QA Engineers
- Penetration Testers
- Red Teamers
- Security Enthusiasts
- Security Architects
- Bug Bounty Hunters



DARKRELAY

ATTACKING WEB APPLICATIONS

For more information

Visit: www.darkrelay.com
Email: training@darkrelay.com



COURSE OUTLINE

Introduction

- Web Applications 101
- WAPT Methodology
- Taking Notes
- Lab Setup
- Introduction to Kali Linux & Tools
- Introduction to Burp Suite
- Introduction to ZAP
- HTTP Internals
- OWASP & CWE
- OWASP Checklist & Testing Guide

Information Gathering

- Passive Reconnaissance
- Active Reconnaissance

Enumerating Web Applications

Injection Attacks

- SQL Injection
- Cross Site Scripting (XSS)
- OS Command Injection
- XXE Injection
- Server-Side Template Injection

Web Attacks

- OWASP Web Top 10
- IDOR
- SSRF
- Local File Inclusion (LFI)
- Remote File Inclusion (RFI)
- Communication Security

Web API Attacks

- Using Swagger & Postman
- OWASP API Top 10
- Open Redirection
- API Username Enumeration



- File Upload Attacks
- Mass Assignment

Fuzzing

- Fuzzing Setup & Tooling
- Leveraging Burp Intruder
- Fuzzing for Injection Vulnerabilities

Static Application Testing (SAST)

Dynamic Application Testing (DAST)

Real World Exploits

Conclusion

- CVSS Scoring
- Building Pentest Labs
- Automation of trivial checks
- Professional Report Writing
- Bug Bounty
- Next Steps

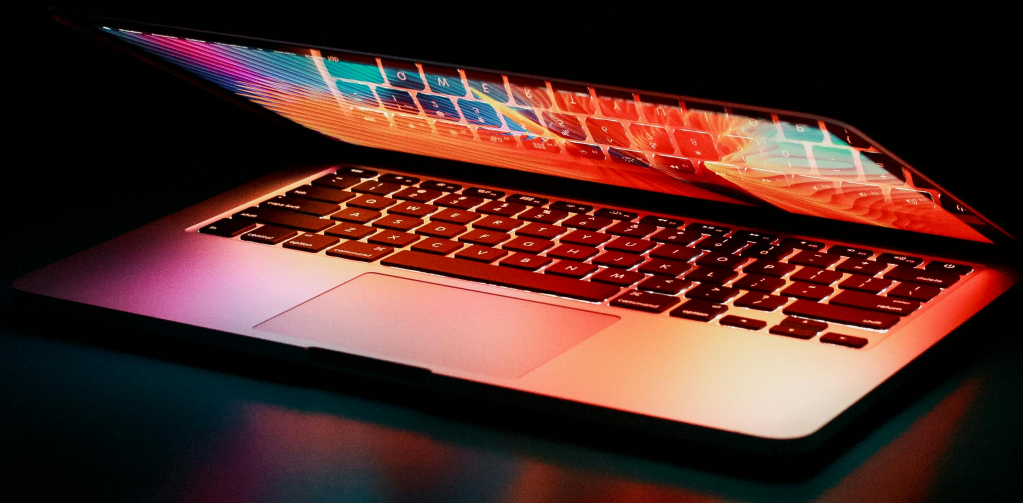
ABOUT **DARKRELAY**

Founded in 2019, DarkRelay is led by Cybersecurity veterans who are **SANS 760, GXPN, GPEN, OSCP, OSCE**, and **CISSP** certified with 20+ years of experience in cyber security research and development. DarkRelay Security Labs uses global its perspective to build valuable security programs for its students.

Whether you are a beginner or an experienced cyber security professional, our training will address your every learning need, challenge, and career goal.

OUR TRAININGS

- Professional Penetration Testing
- Attacking Web Applications
- Fuzzing & Exploit Development
- Software Development Security
- Advanced Penetration Testing
- Vulnerability Assessment
- Red Teaming
- Ethical Hacking
- Malware Analysis
- Cloud Security
- Mobile Security



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