Masterclass: Web Application Pentesting

Duration: 3 Days **Course Code: WEB** **Delivery Method: Virtual Learning**

Overview:

In this 3-day course, you will develop essential cybersecurity knowledge and skills with a focus on Web Application Pentesting.
This course covers techniques and strategy concepts for performing professional web applications penetration testing in a highly secure environment. Our course has been developed around professional penetration testing, web applications development and security awareness in the business and IT fields.
Our goal is to show you all the most important aspects of web application penetration testing. Together we will look for vulnerabilities and exploit them in practice in CQURE's custom-built training environment. During the exercises, we will use industry-standard tools such as the Kali Linux, Burp Suite, Bloodhound, Metasploit and the Wireshark.

Target Audience:

This bootcamp is designed for you if you are a:
- Penetration tester
- Security analyst
- IT administrator
- Cybersecurity professional
- & a geek with IT background who wants to start an adventure in the cybersecurity pentesting field

Objectives:

- Gain understanding of the penetration tester's perspective, including web penetration testing methodologies, reconnaissance, and core concepts of web application security.
- Understand web application security fundamentals including browser security mechanisms, authentication and authorization models, and secure testing approaches.
- Develop knowledge of common web application vulnerabilities including Cross-Site Scripting (XSS), injections, insecure file handling, and insecure inclusions.
- Gain practical skills in identifying and exploiting vulnerabilities across web applications through structured testing techniques.
- Understand and apply techniques for testing APIs and bypassing security controls in modern web application environments.
- Implement hands-on penetration testing practices across all stages of testing using industry-standard tools in a realistic lab environment.

Prerequisites:

- No prior penetration testing experience is required. Basic familiarity with IT or web technologies is recommended.

Testing and Certification

- After finishing the course, you will be granted a CQURE Certificate of Completion. Please note that after completing the course you will also be eligible for CPE points!

Content:

The Web Application Pentesting agenda consists of 10 Modules that will be covered during 3 Days.

The training will allow you to understand the penetration tester's perspective on security, and learn crucial tools and concepts needed for everyone considering developing their career in penetration testing or cybersecurity in general.

Module 1: Introduction to Web Penetration Testing

Module 2: Reconnaissance

Module 3: Introduction to Web Application testing

Module 4: Browser's security mechanisms

Module 5: Cross Site Scripting

Module 6: Injections

Module 7: Authentication and Authorization

Module 8: Insecure file handling

Module 9: Insecure inclusions

Module 10: Testing API

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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