



Security Testing

Mode of Training: Online, Classroom, Corporate

Faculty: Mr. KUMAR

Course Duration: 30 Days

A woman with dark curly hair and glasses, wearing a pink top, stands with her arms crossed in front of a large window with a grid pattern. The background is slightly blurred.

Course Curriculum

Introduction

Basics

- Basic Analogy of Web, Server & Websites.
- Networking Basics.
- Introduction to OWASP.
- OWASP for Web Applications.
- Web Applications.
- Internal Details of a website
- Finding loopholes in Web Applications & Web Servers.

Security Testing Setups

- Install XAMPP & DVWA
- Install Burp Suite Proxy
- Configure Burp Suite Proxy
- Make Burp Suite Capture SSL Traffic
- Install Python
- Install Vega Scanner
- Setting the DVWA Security Level



Information Gathering on the Target

- Getting Domain Information
- Identify Technology & Software On Websites
- Finding Subdomains
- Scan through the network.

Cross Site Scripting (XSS)

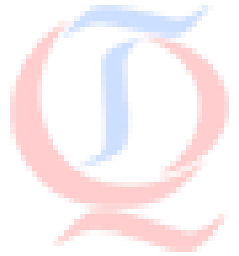
- Cross Site Scripting (XSS)
- Stored Cross Site Scripting (XSS) Vulnerability
- Reflected Cross Site Scripting (XSS) Vulnerability

Cross Site Request Forgery (CSRF)

- Cross Site Request Forgery (CSRF)
- Cross Site Request Forgery (CSRF) Vulnerability

SQL Injection

- SQL Injection Explained
- SQL Injection Vulnerability



Command Execution

- Command Execution Explained
- Command Execution Vulnerability

File Upload

- File Upload Vulnerability
- How to Generate Web Backdoors (Shells)?
- How to Gain Access to the Containers or Server
- Gaining root Privileges.

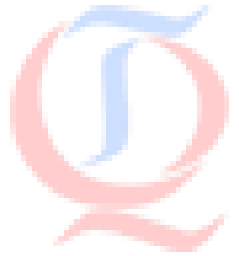
Brute Force Attack

- Brute Force a Login Page

- Create Word lists for Password Cracking
- Real World Brute Force Attack

Real World Hacking

- Discover vulnerabilities using Vega scanner
- Exploiting SQL injection using sql map
- Exploiting Cross Site Scripting (XSS) using Brute XSS tool
- Exploiting Script Source Code Disclosure Vulnerability
- Discover Vulnerabilities using Arachni Scanner



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