AMBIENT-IT

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Sign up

Burp Suite training: state-of-the-art proxies for pentesting

3 days (21 hours)

Presentation

Our Burp Suite training course will enable you to master an extremely powerful tool for pentesting and managing the security of your web applications. Designed by cybersecurity experts, Burp Suite is a state-of-the-art tool for your organization's cybersecurity.

Burp Suite training will help you understand the crucial role Burp plays in your company's security. You'll learn how to install and configure your Burp Suite solution and master the proxy system. At the end of our training, you'll be able to identify and exploit vulnerabilities in web applications.

In this training course, you will also learn how to use Burp Suite's advanced tools, such as the scanner for vulnerabilities and the intruder for pentesting. Our training is designed to give you both a practical and theoretical understanding of these tools.

This course is based on the latest version of Burp Suite.

Objectives

- Configuring Burp Suite
- Using proxies for pentesting
- Use the scanner to find site vulnerabilities

Target audience

- Ethical Hacker
- Cybersecurity experts

Prerequisites

- Be familiar with web fundamentals
- Basic knowledge of cybersecurity

Burp training program continued

Introduction to Burp Suite

- Introducing Burp Suite
- Differences between editions
- Installation and configuration
- Browser configuration
- Navigation and interface

Proxy Burp Suite

- Proxy and security testing
- Configuring Burp proxy
- HTTP and HTTPS interception
- Modifying and replaying queries
- Bypassing controls with Proxy

Target and site map

- Target tab and site map
- Configuring the way a project is heard
- Website exploration
- Creating the site map
- Analyze the map and potential vulnerabilities

Using the scanner

- Introduction to Scanner Burp
- Analysis setup and execution
- Active vs. passive scan
- Understanding scan results
- Prioritizing problems

Intru Burp

- Automated attacks

- Payload and attack configuration
- Brute force attacks
- Analysis of attack results
- Advanced attack scenarios

Repeater

- Manual testing
- Sending requests
- Response analysis
- Specific vulnerability testing
- Compare answers
- Advanced techniques with Repeater

Decoder and comparator

- Encoding and decoding
- Comparison test
- Using these tools in test scenarios
- Putting it into practice

Sequencer and recorder

- Creating session tokens with the Sequencer
- Importance of randomness
- Use the recorder to monitor access
- Read activity logs

Advanced techniques

- Using Burp Suite with Bapps

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or learning difficulties.

in-company security (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.