Training: Micro Focus
WI250 - Dynamic Application Security Testing (DAST) with WebInspect

TRAINING GOALS:

This course teaching a comprehensive DAST automated vulnerability scanning solution. In this training, security professionals and compliance auditors will learn how to quickly and easily scan and analyze the numerous Web applications and services throughout their organization with WebInspect. This course includes practical hands-on exercises for beginners and intermediate users.

Upon successful completion of this course, you should be able to:

- Define how an attacker looks at a web application for exploitation
- Install WebInspect licensing
- Define HTTP protocol to search for vulnerabilities
- Use WebInspect as a dynamic analysis security testing (DAST) tool
- Recognize the functional characteristics and components of WebInspect
- Create comprehensive, manual, mobile, and work-flow driven scans for a target application
- Create Web macros and reports
- Use the Security Toolkit

Audience/Job Roles

This course is intended for those whose primary responsibilities include:

- Evaluating your organization's application security posture, quality, and compliance
- Application development and dynamic testing
- Quality Assurance (QA) testing

CONSPECT:

- Application Security
  - Attackers Point of View
  - OWASP Top 10 and 7 Pernicious Kingdoms
  - Exploit Examples
- WebInspect Introduction
  - Theory of Operation

- - WebInspect Architectural Concepts
  - Installation & Licensing
- Scanning and Scan Results
  - Basic Scan Setting Control
  - Default Scanning
  - Understanding of Macro Features
- Mobile Scanning
  - Supported Devices
  - Methods of Scanning
- HTTP for Security Testers
  - HTTP Basics
  - Application Testing Challenges
- Managing Scan Policies
  - Compliance and Policy Manager
  - Default Scan Policies
  - Custom Scan Policies
- Reports
  - Default Reports
  - Creating Custom Reports
  - Exporting Reports & Scans
- Web Services Scanning
  - Web Services Scanning
- Application and Scan Settings
  - Concepts and Terminology
  - One time Scans
  - Scheduling Scans
- Security Toolkit
  - Standard Tools
  - Restricted Tools
  - Third Party Tool Integration

REQUIREMENTS:

To be successful in this course, you should have the following prerequisites or knowledge.

- An understanding of basic Web communication protocols.
- Familiarity with some of the most common Web application vulnerabilities (i.e. OWASP Top 10)

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Micro Focus (course completion).

TRAINER:

Authorized Micro Focus Trainer.