

PHP Security – Attacks and Fixes

Duration: 2 Days

1. Introduction

- Welcome
- What you need to know?
- Introduction to web application security
- What is Security
- Defense in Depth
- Basic Security Rules
- Building Secure Web Applications Guidelines

2. Security Concepts & Practices

- All input is tainted
- Whitelist and Blacklist Filtering
- Filtering the Input
- Escaping the output
- Filtering and Validation
- Register Globals and security vulnerability

3. Security Attacks & Preventions

- All input is tainted
- SQL Injection
- Cross Site Scripting(XSS)
- Cross Site Request Forgery (CSRF)
- Include/Require File Extensions
- Password Hashing
- Directory Listing

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- HttpOnly Cookies
- What you shouldn't store in cookies
- Session Hijacking
- User Defined File Includes
- Error Reporting

4. Conclusion

- QA
- Useful Security Resources
- Feedback