

Proactive Controls Series

Overview: In the OWASP Proactive Controls course, students will learn about the OWASP Top 10 Proactive Controls document and the many guidelines it provides to help developers write better and more secure code. In particular, the trainer will provide an overview of the Proactive Controls and then cover all ten security controls. These security controls include testing for security early and often, learning about parameterizing SQL queries, encoding data input that may be parsed as executable code, validating data input, authentication techniques to make sure you know who is using your web applications. Students will also learn about implementing access control to verify what a user is allowed to do in a system, methods of protecting data at rest and in transit, implementing logging and intrusion detection, and finally learn about using existing security frameworks and libraries as well as best practices for error and exception handling.

Course Modules:

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Module 01 -Chapter 01 – Controls 1-5

(Duration: 1h 56m)

1. Workbook (Pdf)
2. Topic A: Overview – Part 1
3. Overview – Part 2
4. Overview – Part 3
5. Topic B: Verify Security – Part 1
6. Verify Security – Part 2
7. Verify Security – Part 3
8. Topic C: Parameterize Queries – Part 1
9. Parameterize Queries – Part 2
10. Parameterize Queries – Part 3
11. Topic D: Encode Data – Part 1
12. Encode Data – Part 2
13. Encode Data – Part 3
14. Topic E: Validate Inputs – Part 1
15. Validate Inputs – Part 2
16. Validate Inputs – Part 3
17. Topic F: Identity and Authentication Controls – Part 1
18. Identity and Authentication Controls – Part 2

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19. Identity and Authentication Controls – Part 3

20. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 02 – Chapter 02 – Controls 6-10

(Duration: 55m)

1. Workbook (Pdf)
2. Topic A: Implement Access Controls – Part 1
3. Implement Access Controls – Part 2
4. Implement Access Controls – Part 3
5. Topic B: Protect Data – Part 1
6. Protect Data – Part 2
7. Protect Data – Part 3
8. Topic C: Logging and Intrusion Detection – Part 1
9. Logging and Intrusion Detection – Part 2
10. Logging and Intrusion Detection – Part 3
11. Topic D: Security Frameworks and Exception Handling – Part 1
12. Security Frameworks and Exception Handling – Part 2
13. Security Frameworks and Exception Handling – Part 3
14. **Review Quiz (Number of attempts allowed: Unlimited)**

This course includes

- about 2.51 hours on-demand video
- 2 downloadable Pdf Workbooks
- Unlimited time access (During Membership)
- Access on mobile and Desktop
- Certificate of Completion

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