

Certified Ethical Hacking: Advanced

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Meet the expert: Rafiq Wayani has extensive experience including more than 20 years in IT as Systems Architect, Software Engineer, DBA, and Project Manager. Wayani has instructed in a variety of technical areas, has designed and implemented network and information systems, and is certified across a wide range of platforms and systems including Microsoft Solutions Developer, Systems Engineer, Application Developer, Database Administrator, Trainer; Novell Netware Administrator and Engineer; Master Certified Netware Engineer; and A Certified.

Prerequisites: To get the most out of this course, this course assumes that you have a good working knowledge of Linux and Windows based networking environments. It also assumes that you have experience with managing a network, have worked with networking hardware such as switches & routers, are familiar with MS Active Directory (AD) Domain based authentication, know how to work with command-line utilities, and understand the basics of Web Server environments.

Many of the demonstrations in this course use the Windows 7 and Kali Linux operating systems which can be downloaded free from the respective sites. All of the demonstrations are created in a virtual environment using Oracle VirtualBox and VMware vSphere 6.

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Course description: Certified Ethical hacking Advanced Master Course

Course outline:

Session Hijacking Concepts

- Introduction
- Session Hijacking
- Session Hijacking Diagram
- Session Hijacking Cont.
- Summary

App Level Session Hijacking

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- Application Level Hijacking
- Web Services
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Network Level Hijacking

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- Session Hijack Countermeasures
- Countermeasures Cont.
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- Session Hijack Pentest Cont.
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- What's Happening
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- Web Server Attacks
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- Web Server Attack Methodology
- Demo: Netsparker
- Web Server Attack Methodology
- Demo: WinHttpRequest
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- Demo: HTTPRecon
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- Demo: End-of-Life Support
- Web Server Countermeasures
- Demo: Locking Down Servers
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- Web Server Penetration Testing
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- Exposure & Protection Cont.
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- Piggybacking with UNION
- Enumerate All Tables
- Subquery Enumerates Columns

- Select Data from the Column
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- Demo: Openwall, pof, & WireShark
- Demo: Netcraft, Yersinia, & PuTTY
- Demo: Cain & Abel and Kismet
- Demo: hping and Secapps
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- Demo: Shodan and Arachni
- Demo: Aircrack-ng, AppScan, & Nikto
- Demo: WebScarab, Paterva, & Ironwasp

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- Demo: Metasploit & WireShark
- Demo: w3af, Impact Pro, and Kali
- Demo: Netsparker, Nessus & Portswigger
- Demo: Zed Attack & Acunetix
- Demo: BeyondTrust, SQLNinja, & BeEF
- Demo: Dradis & Ettercap
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