

Ethical Hacking and Countermeasures

Lab Manual

EC-Council

Copyright © 2013 by EC-Council. All rights reserved. Except as permitted under the Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher, with the exception that the program listings may be entered, stored, and executed in a computer system, but they may not be reproduced for publication.

Information has been obtained by EC-Council from sources believed to be reliable. EC-Council uses reasonable endeavors to ensure that the content is current and accurate, however, because of the possibility of human or mechanical error we do not guarantee the accuracy, adequacy, or completeness of any information and are not responsible for any errors or omissions or the accuracy of the results obtained from use of such information.

The courseware is a result of extensive research and contributions from subject matter experts from the field from all over the world. Due credits for all such contributions and references are given in the courseware in the research endnotes. We are committed towards protecting intellectual property. If you are a copyright owner (an exclusive licensee or their agent), and if you believe that any part of the courseware constitutes an infringement of copyright, or a breach of an agreed licence or contract, you may notify us at **legal@eccouncil.org**. In the event of a justified complaint, EC-Council will remove the material in question and make necessary rectifications.

The courseware may contain references to other information resources and security solutions, but such references should not be considered as an endorsement of or recommendation by EC-Council.

Readers are encouraged to report errors, omissions and inaccuracies to EC-Council at **legal@eccouncil.org**.

If you have any issues, please contact **support@eccouncil.org**.

Table of Contents

Module Number	Module Name	Page No.
01	Introduction to Ethical Hacking	--
02	Footprinting and Reconnaissance	01
03	Scanning Networks	84
04	Enumeration	266
05	System Hacking	307
06	Trojans and Backdoors	424
07	Viruses and Worms	529
08	Sniffing	584
09	Social Engineering	674
10	Denial of Service	702
11	Session Hijacking	715
12	Hacking Webservers	730
13	Hacking Web Applications	761
14	SQL Injection	781
15	Hacking Wireless Networks	818
16	Hacking Mobile Platforms	--
17	Evading IDS, Firewalls, and Honeypots	846
18	Buffer Overflow	901
19	Cryptography	914
20	Penetration Testing	--

Labs DVD Contents

DVD	Contents
01	Lab Prerequisites, Module 02 - Module 04
02	Module 05 - Module 07
03	Module 08 - Module 11
04	Module 12 - Module 14
05	Module 15 - Module 17
06	Module 18 - Module 20, BackTrack