

Foreword by Alfred Huger, Senior Director of Engineering, Symantec Security Response

# EXTREME EXPLOITS

**Advanced Defenses Against  
Hardcore Hacks**

**Victor Oppleman**

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# Extreme Exploits Advanced Defenses Against Hardcore Hacks

**B. S. Kesavan**



## **Extreme Exploits Advanced Defenses Against Hardcore Hacks:**

**Extreme Exploits: Advanced Defenses Against Hardcore Hacks** , Extreme Exploits Victor Oppleman, Oliver Friedrichs, Brett Watson, 2005 This cutting edge volume takes network security professionals to the next level in protecting their networks and Web sites Never before published advanced security techniques and step by step instructions explain how to defend against devastating vulnerabilities in systems and underlying network infrastructure Some of these advanced methodologies include advanced attack and defense vectors advanced attack profiling and the theatre of war concept In addition readers will learn how to architect and prepare their network from threats that don t yet exist **Hacker's**

**Challenge 3** David Pollino, 2006 The stories about phishing attacks against banks are so true to life it s chilling Joel Dubin CISSP Microsoft MVP in Security Every day hackers are devising new ways to break into your network Do you have what it takes to stop them Find out in Hacker s Challenge 3 Inside top tier security experts offer 20 brand new real world network security incidents to test your computer forensics and response skills All the latest hot button topics are covered including phishing and pharming scams internal corporate hacking Cisco IOS wireless iSCSI storage VoIP Windows Mac OS X and UNIX Linux hacks and much more Each challenge includes a detailed explanation of the incident how the break in was detected evidence and clues technical background such as log files and network maps and a series of questions for you to solve In Part II you ll get a detailed analysis of how the experts solved each incident Exerpt from Big Bait Big Phish The Challenge Could you find out what s going on with the gobi web server Customer order e mails aren t being sent out and the thing s chugging under a big load Rob e mailed the development team reminding them not to send marketing e mails from the gobi web server Customer service is worried about some issue with tons of disputed false orders Rob noticed a suspicious pattern with the false orders they were all being delivered to the same P O box He decided to investigate the access logs An external JavaScript file being referenced seemed especially strange so he tested to see if he could access it himself The attacker was manipulating the link parameter of the login pl application Rob needed to see the server side script that generated the login pl page to determine the purpose The Solution After reviewing the log files included in the challenge propose your assessment What is the significance of the attacker s JavaScript file What was an early clue that Rob missed that might have alerted him to something being amiss What are some different ways the attacker could have delivered the payload Who is this attack ultimately targeted against Then turn to the experts answers to find out what really happened

*Encyclopedia of Cybercrime* Samuel C. McQuade III, 2008-11-30 There are today no more compelling sets of crime and security threats facing nations communities organizations groups families and individuals than those encompassed by cybercrime For over fifty years crime enabled by computing and telecommunications technologies have increasingly threatened societies as they have become reliant on information systems for sustaining modernized living Cybercrime is not a new phenomenon rather an evolving one with respect to adoption of information technology IT for abusive and criminal

purposes Further by virtue of the myriad ways in which IT is abused it represents a technological shift in the nature of crime rather than a new form of criminal behavior In other words the nature of crime and its impacts on society are changing to the extent computers and other forms of IT are used for illicit purposes Understanding the subject then is imperative to combatting it and to addressing it at various levels This work is the first comprehensive encyclopedia to address cybercrime Topical articles address all key areas of concern and specifically those having to with terminology definitions and social constructs of crime national infrastructure security vulnerabilities and capabilities types of attacks to computers and information systems computer abusers and cybercriminals criminological sociological psychological and technological theoretical underpinnings of cybercrime social and economic impacts of crime enabled with information technology IT inclusive of harms experienced by victims of cybercrimes and computer abuse emerging and controversial issues such as online pornography the computer hacking subculture and potential negative effects of electronic gaming and so called computer addiction bodies and specific examples of U S federal laws and regulations that help to prevent cybercrimes examples and perspectives of law enforcement regulatory and professional member associations concerned about cybercrime and its impacts and computer forensics as well as general investigation prosecution of high tech crimes and attendant challenges within the United States and internationally

Hacking Exposed Web Applications, Second Edition Joel Scambray, Mike Shema, Caleb Sima, 2006-06-05 Implement bulletproof e business security the proven Hacking Exposed way Defend against the latest Web based attacks by looking at your Web applications through the eyes of a malicious intruder Fully revised and updated to cover the latest Web exploitation techniques Hacking Exposed Web Applications Second Edition shows you step by step how cyber criminals target vulnerable sites gain access steal critical data and execute devastating attacks All of the cutting edge threats and vulnerabilities are covered in full detail alongside real world examples case studies and battle tested countermeasures from the authors experiences as gray hat security professionals Find out how hackers use infrastructure and application profiling to perform reconnaissance and enter vulnerable systems Get details on exploits evasion techniques and countermeasures for the most popular Web platforms including IIS Apache PHP and ASP NET Learn the strengths and weaknesses of common Web authentication mechanisms including password based multifactor and single sign on mechanisms like Passport See how to excise the heart of any Web application s access controls through advanced session analysis hijacking and fixation techniques Find and fix input validation flaws including cross site scripting XSS SQL injection HTTP response splitting encoding and special character abuse Get an in depth presentation of the newest SQL injection techniques including blind attacks advanced exploitation through subqueries Oracle exploits and improved countermeasures Learn about the latest XML Web Services hacks Web management attacks and DDoS attacks including click fraud Tour Firefox and IE exploits as well as the newest socially driven client attacks like phishing and adware

*Hacking Exposed 5th Edition* Stuart McClure, Joel Scambray, George Kurtz, 2005-04-19 The seminal book on white hat

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**19 Deadly Sins of Software Security** Michael Howard,David LeBlanc,John Viega,2005-07-26 This essential book for all software developers regardless of platform language or type of application outlines the 19 deadly sins of software security and shows how to fix each one Best selling authors Michael Howard and David LeBlanc who teach Microsoft employees how to secure code have partnered with John Viega the man who uncovered the 19 deadly programming sins to write this much needed book Coverage includes Windows UNIX Linux and Mac OS X C C C Java PHP Perl and Visual Basic Web small client and smart client applications CISSP All-in-One Exam Guide, Third Edition Shon Harris,2005-09-15 The Third Edition of this proven All in One exam guide provides total coverage of the CISSP certification exam which has again been voted one of the Top 10 IT certifications in 2005 by CertCities Revised and updated using feedback from Instructors and students learn security operations in the areas of telecommunications cryptography management practices and more Plan for continuity and disaster recovery Update your knowledge of laws investigations and ethics Plus run the CD ROM and practice with more than 500 all new simulated exam questions Browse the all new electronic book for studying on the go Let security consultant and author Shon Harris lead you to successful completion of the CISSP

**Computerworld**,2005-10-17 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld.com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network

**Joyce in the Belly of the Big Truck; Workbook** Joyce A. Cascio,2005-05 The Indian National Bibliography B. S. Kesavan,2006-07

**American Book Publishing Record**,2005 **Chained Exploits: Advanced Hacking Attacks from Start to Finish** Andrew Whitaker,Andrew,Keatron Evans,2009 *Defense against the Black Arts* Jesse Varsalone,Matthew McFadden,2011-09-07 As technology has developed computer hackers have become increasingly sophisticated mastering the

ability to hack into even the most impenetrable systems The best way to secure a system is to understand the tools hackers use and know how to circumvent them Defense against the Black Arts How Hackers Do What They Do and How to Protect against It provides hands on instruction to a host of techniques used to hack into a variety of systems Exposing hacker methodology with concrete examples this book shows you how to outwit computer predators at their own game Among the many things you ll learn How to get into a Windows operating system without having the username or password Vulnerabilities associated with passwords and how to keep them out of the hands of hackers How hackers use the techniques of computer forensic examiners to wreak havoc on individuals and companies Hiding one s IP address to avoid detection Manipulating data to and from a web page or application for nefarious reasons How to find virtually anything on the internet How hackers research the targets they plan to attack How network defenders collect traffic across the wire to identify intrusions Using Metasploit to attack weaknesses in systems that are unpatched or have poorly implemented security measures The book profiles a variety of attack tools and examines how Facebook and other sites can be used to conduct social networking attacks It also covers techniques utilized by hackers to attack modern operating systems such as Windows 7 Windows Vista and Mac OS X The author explores a number of techniques that hackers can use to exploit physical access network access and wireless vectors Using screenshots to clarify procedures this practical manual uses step by step examples and relevant analogies to facilitate understanding giving you an insider s view of the secrets of hackers

**Chained Exploits** Andrew Whitaker, Keatron Evans, Jack B. Voth, 2009 Chained Exploits demonstrates this advanced hacking attack technique through detailed examples that reflect real world attack strategies use today s most common attack tools and focus on actual high value targets including credit card and healthcare data Relentlessly thorough and realistic this book covers the full spectrum of attack avenues from wireless networks to physical access and social engineering Andrew Whitaker is Director of Enterprise InfoSec and Networking for Training Camp has been featured in The Wall Street Journal and BusinessWeek He coauthored Penetration Testing and Network Defense Andrew was a winner of EC Council s Instructor of Excellence Award **BOOK JACKET**

**Defense and Deception** Kevin Cardwell, 2020-10-30 The reason I decided to write this book is to show that we have to rethink how we look at security We continue to use the same methods and the threat continues to evolve and bypass it so we need to understand we need a paradigm shift and this book is to help you with this shift The book takes you from the essential and fundamentals of defense required to protect our modern networks to the advanced concepts of segmentation and isolation to mitigate the risk then we introduce you to the methods of deploying deception decoys on the network With this book you will learn how to flip the model For years we have listened to the statement the attackers are at the advantage because they only have to find one way in and we cannot secure every way in This is true but with the concepts covered in this book you can flip the model and turn the advantage to the defender and as a result you take control of your network One packet is all we need to identify when they are within our network We can

control the path and route that the attackers pursue and simulate and present a replication of the required data within the segment while moving the real data to a safe location

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