Modsecurity 2 5

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MoD security allowed protests to continue at two entrances, but demonstrators at the main entrance off the retail park roundabout were stopping deliveries and people getting to work. Parfitt sat ...

Retired vicar, 79, who took part in Extinction Rebellion road blockades in Parliament Square and outside MoD site near Bristol is fined more than £1,500
The Cyberpunk 2077 1.2 patch notes are a massive list covering everything from not killing you with sliding ladders to making cat food more readily available. Andrzej Zawadzki had been lending his ...

Prevent web application hacking with this easy to use guide.

PRODUCT DESCRIPTION ModSecurity Handbook is the definitive guide to ModSecurity, a popular open source web application firewall. Written by Ivan Ristic, who designed and wrote much of ModSecurity, this book will teach you everything you need to know to monitor the activity on your web sites and protect them from attack. Situated between your web sites and the world, web application firewalls provide an additional security layer, monitoring everything that comes in and everything that goes out. They enable you to perform many advanced activities, such as real-time application security monitoring, access control, virtual patching, HTTP traffic logging, continuous passive security assessment, and web application hardening. They can be very effective in preventing application security attacks, such as cross-site scripting, SQL injection, remote file inclusion, and others. Considering that most web sites today suffer from one problem or another, ModSecurity Handbook will help anyone who has a web site to run. The topics covered include: - Installation and configuration of ModSecurity - Logging of complete HTTP traffic - Rule writing, in detail - IP address, session, and user tracking - Session management hardening - Whitelisting, blacklisting, and IP reputation management - Advanced blocking strategies - Integration with other Apache modules - Working with rule sets - Virtual patching - Performance considerations - Content injection - XML inspection - Writing rules in Lua - Extending ModSecurity in C The book is suitable for all reader levels: it contains step-by-step installation and configuration instructions for those just starting out, as well as detailed explanations of the internals and discussion of advanced techniques for seasoned users. The official ModSecurity Reference Manual is included in the second part of the book. A digital version is available. For more information and to access the online companion, go to www.modsecurityhandbook.com ABOUT THE AUTHOR Ivan Ristic is a respected security expert and author, known especially for his contribution to the web application firewall field and the development of ModSecurity, the open source web application firewall. He is also the author of Apache Security, a comprehensive security guide for the Apache web server. A frequent speaker at computer security conferences, Ivan is an active participant in the application security community, a member of the Open Web Application Security Project, and an officer of the Web Application Security Consortium.

Defending your web applications against hackers andattackers The top-selling book Web Application Hacker's Handbookshowed how attackers and hackers identify and attack vulnerablelive web applications. This new Web Application Defender'sCookbook is the perfect counterpoint to that book: it shows youhow to defend. Authored by a highly credentialed defensivesecurity expert, this new book details defensive security methodsand can be used as courseware for training network securitypersonnel, web server administrators, and security consultants. Each "recipe" shows you a way to detect and defend againstmalicious behavior and provides working code examples for theModSecurity web application firewall module. Topics includeidentifying vulnerabilities, setting hacker traps, defendingdifferent access points, enforcing application flows, and muchmore. Provides practical tactics for detecting web attacks andmalicious behavior and defending against them Written by a preeminent authority on web application firewalltechnology and web application defense tactics Offers a series of "recipes" that include working code examplesfor the open-source ModSecurity web application firewallmodule Find the tools, techniques, and expert information you need todetect and respond to web application attacks with WebApplication Defender's Cookbook: Battling Hackers and ProtectingUsers.

ModSecurity Handbook is the definitive guide to ModSecurity, the popular open source web application firewall. Written by Christian Folini and ModSecurity's original developer, Ivan Ristic, this book will teach you how to monitor activity on your web sites and protect them from attack. Situated between your web sites and the world, web application firewalls provide an additional security layer, monitoring everything that comes in and everything that goes out in real time. They enable you to perform many advanced activities, such as access control, virtual patching, HTTP traffic logging, continuous passive security assessment, and web application hardening. Web application firewalls can be very effective in preventing application security attacks, such as SQL injection, cross-site scripting, remote file inclusion, and others that plague most web sites today. ModSecurity Handbook covers the following topics, which will help anyone with a web site to run: Installation and configuration of ModSecurity Detailed guide to writing rules IP address, session, and user tracking Session management hardening Whitelisting, blacklisting, and IP reputation management Anomaly scoring and advanced blocking strategies Integration with other Apache modules Working with predefined rule sets Virtual patching and content injection Performance considerations Writing rules in Lua and extending ModSecurity in C Detailed coverage of ModSecurity's numerous directives, variables, transformations, and operators The book is suitable for all reader levels: It takes newcomers by the hand to turn them into seasoned users, while seasoned users will learn advanced techniques from the top experts on the subject and find hidden clues to master the rule language. An updated ModSecurity Reference Manual is included in the second part of the book. ABOUT THE AUTHORS Dr. Christian Folini is a twelve-year veteran of ModSecurity. He is a renowned speaker, teacher, and system engineer who has specialized in securing high-profile web servers. Christian is one of the leaders of the OWASP ModSecurity Core Rule Set project, a key member of the ModSecurity community, program chair of the Swiss Cyber Storm conference, and vice president of Swiss Cyber Experts (a public-private partnership). Ivan Ristic is a security researcher, engineer, and author, known especially for his contributions to the web application firewall field and development of ModSecurity, an open source web application firewall, and for his SSL/TLS and PKI research, tools and guides published on the SSL Labs web site. His latest project, Hardenize, is a security posture analysis service that makes security fun again. He is the author of three books, Apache Security, ModSecurity Handbook, and Bulletproof SSL and TLS.

Cyber Operations walks you through all the processes to set up, defend, and attack computer networks. This book focuses on networks and real attacks, offers extensive coverage of offensive and defensive techniques, and is supported by a rich collection of exercises and resources. You'll learn how to configure your network from the ground up, starting by setting up your virtual test environment with basics like DNS and active directory, through common network services, and ending with complex web applications involving web servers and backend databases. Key defensive techniques are integrated throughout the exposition. You will develop situational awareness of your network and will build a complete defensive infrastructureincluding log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways beginning with elementary attacks against browsers and culminating with a case study of the compromise of a defended e-commerce site. The author, who has coached his universitys cyber defense team three times to the finals of the National Collegiate Cyber Defense Competition, provides a practical, hands-on approach to cyber security.

In late 2013, approximately 40 million customer debit and credit cards were leaked in a data breach at Target. This catastrophic event, deemed one of the biggest data breaches ever, clearly showed that many companies need to significantly improve their information security strategies. Web Security: A White Hat Perspective presents a comprehensive guide to web security technology and explains how companies can build a highly effective and sustainable security system. In this book, web security expert Wu Hanqing reveals how hackers work and explains why companies of different scale require different security methodologies. With in-depth analysis of the reasons behind the choices, the book covers client side security, server applications security, and Internet company security operations. It also includes coverage of browser security, cross sites script attacks, click jacking, HTML5/PHP security, injection attacks, authentication, session management, access control, web frame security, DDOS, leaks, Internet transactions security, and the security development lifecycle.

"The complete guide to securing your Apache web server"--Cover.

This volume of Advances in Intelligent and Soft Computing contains accepted papers presented at SOCO 2016, CISIS 2016 and ICEUTE 2016, all conferences held in the beautiful and historic city of San Sebastián (Spain), in October 2016. Soft computing represents a collection or set of computational techniques in machine learning, computer science and some engineering disciplines, which investigate, simulate, and analyze very complex issues and phenomena. After a through peer-review process, the 11th SOCO 2016 International Program Committee selected 45 papers. In this relevant edition a special emphasis was put on the organization of special sessions. Two special session was organized related to relevant topics as: Optimization, Modeling and Control Systems by Soft Computing and Soft Computing Methods in Manufacturing and Management Systems. The aim of the 9th CISIS 2016 conference is to offer a meeting opportunity for academic and industry-related researchers belonging to the various, vast communities of Computational Intelligence, Information Security, and Data Mining. The need for intelligent, flexible behaviour by large, complex systems, especially in mission-critical domains, is intended to be the catalyst and the aggregation stimulus for the overall event. After a through peer-review process, the CISIS 2016 International Program Committee selected 20 papers. In the case of 7th ICEUTE 2016, the International Program Committee selected 14 papers.

Know how to set up, defend, and attack computer networks with this revised and expanded second edition. You will learn to configure your network from the ground up, beginning with developing your own private virtual test environment, then setting up your own DNS server and AD infrastructure. You will continue with more advanced network services, web servers, and database servers and you will end by building your own web applications servers, including WordPress and Joomla!. Systems from 2011 through 2017 are covered, including Windows 7, Windows 8, Windows 10, Windows Server 2012, and Windows Server 2016 as well as a range of Linux distributions, including Ubuntu, CentOS, Mint, and OpenSUSE. Key defensive techniques are integrated throughout and you will develop situational awareness of your network and build a complete defensive infrastructure, including log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways. You will learn about Metasploit, browser attacks, privilege escalation, pass-the-hash attacks, malware, man-in-the-middle attacks, database attacks, and web application attacks. What Youll Learn Construct a testing laboratory to experiment with software and attack techniques Build realistic networks that include active directory, file servers, databases, web servers, and web applications such as WordPress and Joomla! Manage networks remotely with tools, including PowerShell, WMI, and WinRM Use offensive tools such as Metasploit, Mimikatz, Veil, Burp Suite, and John the Ripper Exploit networks starting from malware and initial intrusion to privilege escalation through password cracking and persistence mechanisms Defend networks by developing operational awareness using auditd and Sysmon to analyze logs, and deploying defensive tools such as the Snort intrusion detection system, IPFire firewalls, and ModSecurity web application firewalls Who This Book Is For This study guide is intended for everyone involved in or interested in cybersecurity operations (e.g., cybersecurity professionals, IT professionals, business professionals, and students)