# Sql Injection Kali Tutorial

Mastering Kali Linux for Advanced Penetration Testing
Hacking with Kali Linux
Hands-On AWS Penetration Testing with Kali Linux
Kali Linux Intrusion and Exploitation Cookbook
Web Penetration Testing with Kali Linux
Kali Linux CTF Blueprints
SQL Hacks
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Kali Linux
Mastering SQL Injection
Kali Linux Cookbook
Hacking: Penetration Testing with Kali Linux
Basics of SQL Injection Analysis, Detection and Prevention
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SQL injection attacks and mitigations
Sql Injection Best Method For Begineers
Mastering Kali Linux for Web Penetration Testing
Cybersecurity with Kali Linux: A Quick Start to Penetration Testing
Kali Linux Hacking Official
Kali Linux Web Penetration Testing Cookbook
SQL Injection Attack and Defense
The Big Book Of Kali Linux Hacking
Burp Suite Cookbook
SQL Injection
Kali Linux 2 – Assuring Security by Penetration Testing
Hacking with Kali Linux - When you don't know sh#t
Web Penetration Testing with Kali Linux
Metasploit for Beginners
SQL Injection Strategies
Kali Linux Web Penetration Testing Cookbook
Web Penetration Testing with Kali Linux - Second Edition
Mastering Kali Purple
Mastering Modern Web Penetration Testing
Hacking with Kali Linux: Step by Step Guide to Hacking and Penetration Test with Kali Linux
Kali Linux for Dummies
The Ultimate Kali Linux Book
OUTLINE for ADVANCED KALI LINUX
Learning Kali Linux
Kali Linux 2: Windows Penetration Testing

## JAQUAN HOPE

**Mastering Kali Linux for Advanced Penetration Testing**
Packt Publishing Ltd
Je suis Ritchie, J'ai créé exclusivement cet E-books pour tous les utilisateurs du net, qui aimeront apprendre comment se fait la piraterie des site web, nom d'utilisateurs, mots de passe, cartes de crédit, numero de telephone en injection sql. Et pour tout ceux ou celles qui aimeraient connaitre leur techniques d'attaques et comment les contré.

**Hacking with Kali Linux**
Packt Publishing Ltd
An easy to digest practical guide to Metasploit covering all aspects of the framework from installation, configuration, and vulnerability hunting to advanced client side attacks and anti-forensics. About This Book Carry out penetration testing in highly-secured environments with Metasploit Learn to bypass different defenses to gain access into different systems. A step-by-step guide that will quickly enhance your penetration testing skills. Who This Book Is For If you are a penetration tester, ethical hacker, or security consultant who wants to quickly learn the Metasploit framework to carry out elementary penetration testing in highly secured environments then, this book is for you. What You Will Learn Get to know the absolute basics of the Metasploit framework so you have a strong foundation for advanced attacks Integrate and use various supporting tools to make Metasploit even more powerful and precise Set up the Metasploit environment along with your own virtual testing lab Use Metasploit for information gathering and enumeration before planning the blueprint for the attack on the target system Get your hands dirty by firing up Metasploit in your own virtual lab and hunt down real vulnerabilities Discover the clever features of the Metasploit framework for launching sophisticated and deceptive client-side attacks that bypass the perimeter security Leverage Metasploit capabilities to perform Web application security scanning In Detail This book will begin by introducing you to Metasploit and its functionality. Next, you will learn how to set up and configure Metasploit on various platforms to create a virtual test environment. You will also get your hands on various tools and components used by Metasploit. Further on in the book, you will learn how to find weaknesses in the target system and hunt for vulnerabilities using Metasploit and its supporting tools. Next, you'll get hands-on experience carrying out client-side attacks. Moving on, you'll learn about web application security scanning and bypassing anti-virus and clearing traces on the target system post compromise. This book will also keep you updated with the latest security techniques and methods that can be directly applied to scan, test, hack, and secure networks and systems with Metasploit. By the end of this book, you'll get the hang of bypassing different defenses, after which you'll learn how hackers use the network to gain access into different systems. Style and approach This tutorial is packed with step-by-step instructions that are useful for those getting

started with Metasploit. This is an easy-to-read guide to learning Metasploit from scratch that explains simply and clearly all you need to know to use this essential IT power tool.

**Hands-On AWS Penetration Testing with Kali Linux** Independently Published With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete

**Kali Linux Intrusion and Exploitation Cookbook** Packt Publishing Ltd What is SQL injection? -- Testing for SQL injection -- Reviewing code for SQL injection -- Exploiting SQL injection -- Blind SQL injection exploitation -- Exploiting the operating system -- Advanced topics -- Code-level defenses -- Platform level defenses -- Confirming and recovering from SQL injection attacks -- References.

*Web Penetration Testing with Kali Linux* XinXii Whether you're running Access, MySQL, SQL Server, Oracle, or PostgreSQL, this book will help you push the limits of traditional SQL to squeeze data effectively from your database. The book offers 100 hacks -- unique tips and tools -- that bring you the knowledge of experts who apply what they know in the real world to help you take full advantage of the expressive power of SQL. You'll find practical techniques to address complex data manipulation problems. Learn how to: Wrangle data in the most efficient way possible Aggregate and organize your data for meaningful and accurate reporting Make the most of subqueries, joins, and unions Stay on top of the performance of your queries and the server that runs them Avoid common SQL security pitfalls, including the dreaded SQL injection attack Let SQL Hacks serve as your toolbox for digging up and manipulating data. If you love to tinker and optimize, SQL is the perfect technology and SQL Hacks is the must-have book for you.

*Kali Linux CTF Blueprints* Independently Published Over 70 recipes for system administrators or

DevOps to master Kali Linux 2 and perform effective security assessments About This Book Set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits Improve your testing efficiency with the use of automated vulnerability scanners Work through step-by-step recipes to detect a wide array of vulnerabilities, exploit them to analyze their consequences, and identify security anomalies Who This Book Is For This book is intended for those who want to know more about information security. In particular, it's ideal for system administrators and system architects who want to ensure that the infrastructure and systems they are creating and managing are secure. This book helps both beginners and intermediates by allowing them to use it as a reference book and to gain in-depth knowledge. What You Will Learn Understand the importance of security assessments over merely setting up and managing systems/processes Familiarize yourself with tools such as OPENVAS to locate system and network vulnerabilities Discover multiple solutions to escalate privileges on a compromised machine Identify security anomalies in order to make your infrastructure secure and further strengthen it Acquire the skills to prevent infrastructure and application vulnerabilities Exploit vulnerabilities that require a complex setup with the help of Metasploit In Detail With the increasing threats of breaches and attacks on critical infrastructure, system administrators and architects can use Kali Linux 2.0 to ensure their infrastructure is secure by finding out known vulnerabilities and safeguarding their infrastructure against unknown vulnerabilities. This practical cookbook-style guide contains chapters carefully structured in three phases – information gathering, vulnerability assessment, and penetration testing for the web, and wired and wireless networks. It's an ideal reference guide if you're looking for a solution to a specific problem or learning how to use a tool. We provide hands-on examples of powerful tools/scripts designed for exploitation. In the final section, we cover various tools you can use during testing, and we help you create in-depth reports to impress management. We provide system engineers with steps to reproduce issues and fix them. Style and approach This practical book is full of easy-to-follow recipes with based on real-world problems faced by the authors. Each recipe is divided into three sections, clearly defining what the recipe does, what you need, and how to do it. The carefully structured recipes allow you to go directly to your topic of interest.

*SQL Hacks* The Autodidact’s Toolkit Build your defense against web attacks with Kali Linux, including command injection flaws, crypto implementation layers, and web application security holes Key Features Know how to set up your lab with Kali Linux Discover the core concepts of web penetration testing Get the tools and techniques you need with Kali Linux Book Description Web Penetration Testing with Kali Linux - Third Edition shows you how to set up a lab, helps you understand the nature and mechanics of attacking websites, and

explains classical attacks in great depth. This edition is heavily updated for the latest Kali Linux changes and the most recent attacks. Kali Linux shines when it comes to client-side attacks and fuzzing in particular. From the start of the book, you'll be given a thorough grounding in the concepts of hacking and penetration testing, and you'll see the tools used in Kali Linux that relate to web application hacking. You'll gain a deep understanding of classicalSQL, command-injection flaws, and the many ways to exploit these flaws. Web penetration testing also needs a general overview of client-side attacks, which is rounded out by a long discussion of scripting and input validation flaws. There is also an important chapter on cryptographic implementation flaws, where we discuss the most recent problems with cryptographic layers in the networking stack. The importance of these attacks cannot be overstated, and defending against them is relevant to most internet users and, of course, penetration testers. At the end of the book, you'll use an automated technique called fuzzing to identify flaws in a web application. Finally, you'll gain an understanding of web application vulnerabilities and the ways they can be exploited using the tools in Kali Linux. What you will learn Learn how to set up your lab with Kali Linux Understand the core concepts of web penetration testing Get to know the tools and techniques you need to use with Kali Linux Identify the difference between hacking a web application and network hacking Expose vulnerabilities present in web servers and their applications using server-side attacks Understand the different techniques used to identify the flavor of web applications See standard attacks such as exploiting cross-site request forgery and cross-site scripting flaws Get an overview of the art of client-side attacks Explore automated attacks such as fuzzing web applications Who this book is for Since this book sets out to cover a large number of tools and security fields, it can work as an introduction to practical security skills for beginners in security. In addition, web programmers and also system administrators would benefit from this rigorous introduction to web penetration testing. Basic system administration skills are necessary, and the ability to read code is a must.

Kali Linux – Assuring Security by Penetration Testing Packt Publishing Ltd

Build your defense against web attacks with Kali Linux 2.0 About This Book Gain a deep understanding of the flaws in web applications and exploit them in a practical manner Get hands-on web application hacking experience with a range of tools in Kali Linux 2.0 Develop the practical skills required to master multiple tools in the Kali Linux 2.0 toolkit Who This Book Is For If you are already working as a network penetration tester and want to expand your knowledge of web application hacking, then this book tailored for you. Those who are interested in learning more about the Kali Sana tools that are used to test web applications will find this book a thoroughly useful and interesting guide. What You Will Learn Set up your lab with Kali Linux 2.0 Identify the difference between hacking a web application and network hacking Understand the

different techniques used to identify the flavor of web applications Expose vulnerabilities present in web servers and their applications using server-side attacks Use SQL and cross-site scripting (XSS) attacks Check for XSS flaws using the burp suite proxy Find out about the mitigation techniques used to negate the effects of the Injection and Blind SQL attacks In Detail Kali Linux 2.0 is the new generation of the industry-leading BackTrack Linux penetration testing and security auditing Linux distribution. It contains several hundred tools aimed at various information security tasks such as penetration testing, forensics, and reverse engineering. At the beginning of the book, you will be introduced to the concepts of hacking and penetration testing and will get to know about the tools used in Kali Linux 2.0 that relate to web application hacking. Then, you will gain a deep understanding of SQL and command injection flaws and ways to exploit the flaws. Moving on, you will get to know more about scripting and input validation flaws, AJAX, and the security issues related to AJAX. At the end of the book, you will use an automated technique called fuzzing to be able to identify flaws in a web application. Finally, you will understand the web application vulnerabilities and the ways in which they can be exploited using the tools in Kali Linux 2.0. Style and approach This step-by-step guide covers each topic with detailed practical examples. Every concept is explained with the help of illustrations using the tools available in Kali Linux 2.0.

Kali Linux "O'Reilly Media, Inc."

Identify tools and techniques to secure and perform a penetration test on an AWS infrastructure using Kali Linux Key FeaturesEfficiently perform penetration testing techniques on your public cloud instancesLearn not only to cover loopholes but also to automate security monitoring and alerting within your cloud-based deployment pipelinesA step-by-step guide that will help you leverage the most widely used security platform to secure your AWS Cloud environmentBook Description The cloud is taking over the IT industry. Any organization housing a large amount of data or a large infrastructure has started moving cloud-ward — and AWS rules the roost when it comes to cloud service providers, with its closest competitor having less than half of its market share. This highlights the importance of security on the cloud, especially on AWS. While a lot has been said (and written) about how cloud environments can be secured, performing external security assessments in the form of pentests on AWS is still seen as a dark art. This book aims to help pentesters as well as seasoned system administrators with a hands-on approach to pentesting the various cloud services provided by Amazon through AWS using Kali Linux. To make things easier for novice pentesters, the book focuses on building a practice lab and refining penetration testing with Kali Linux on the cloud. This is helpful not only for beginners but also for pentesters who want to set up a pentesting environment in their private cloud, using Kali Linux to perform a white-box assessment of their own cloud resources. Besides this, there is a lot of in-depth coverage of the large variety of AWS

services that are often overlooked during a pentest — from serverless infrastructure to automated deployment pipelines. By the end of this book, you will be able to identify possible vulnerable areas efficiently and secure your AWS cloud environment. What you will learnFamiliarize yourself with and pentest the most common external-facing AWS servicesAudit your own infrastructure and identify flaws, weaknesses, and loopholesDemonstrate the process of lateral and vertical movement through a partially compromised AWS accountMaintain stealth and persistence within a compromised AWS accountMaster a hands-on approach to pentestingDiscover a number of automated tools to ease the process of continuously assessing and improving the security stance of an AWS infrastructureWho this book is for If you are a security analyst or a penetration tester and are interested in exploiting Cloud environments to reveal vulnerable areas and secure them, then this book is for you. A basic understanding of penetration testing, cloud computing, and its security concepts is mandatory.

Mastering SQL Injection
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Get hands-on experience in using Burp Suite to execute attacks and perform web assessments Key FeaturesExplore the tools in Burp Suite to meet your web infrastructure security demandsConfigure Burp to fine-tune the suite of tools specific to the targetUse Burp extensions to assist with different technologies commonly found in application stacksBook Description Burp Suite is a Java-based platform for testing the security of your web applications, and has been adopted widely by professional enterprise testers. The Burp Suite Cookbook contains recipes to tackle challenges in determining and exploring vulnerabilities in web applications. You will learn how to uncover security flaws with various test cases for complex environments. After you have configured Burp for your environment, you will use Burp tools such as Spider, Scanner, Intruder, Repeater, and Decoder, among others, to resolve specific problems faced by pentesters. You will also explore working with various modes of Burp and then perform operations on the web. Toward the end, you will cover recipes that target specific test scenarios and resolve them using best practices. By the end of the book, you will be up and running with deploying Burp for securing web applications. What you will learnConfigure Burp Suite for your web applicationsPerform authentication, authorization, business logic, and data validation testingExplore session management and client-side testingUnderstand unrestricted file uploads and server-side request forgeryExecute XML external entity attacks with BurpPerform remote code execution with BurpWho this book is for If you are a security professional, web pentester, or software developer who wants to adopt Burp Suite for applications security, this book is for you.

**Kali Linux Cookbook**
Packt Publishing Ltd
Kali Linux: a complete pentesting toolkit facilitating smooth backtracking for working hackers About This Book Conduct network testing, surveillance, pen testing

and forensics on MS Windows using Kali Linux Footprint, monitor, and audit your network and investigate any ongoing infestations Customize Kali Linux with this professional guide so it becomes your pen testing toolkit Who This Book Is For If you are a working ethical hacker who is looking to expand the offensive skillset with a thorough understanding of Kali Linux, then this is the book for you. Prior knowledge about Linux operating systems and the BASH terminal emulator along with Windows desktop and command line would be highly beneficial. What You Will Learn Set up Kali Linux for pen testing Map and enumerate your Windows network Exploit several common Windows network vulnerabilities Attack and defeat password schemes on Windows Debug and reverse-engineer Windows programs Recover lost files, investigate successful hacks and discover hidden data in innocent-looking files Catch and hold admin rights on the network, and maintain backdoors on the network after your initial testing is done In Detail Microsoft Windows is one of the two most common OS and managing its security has spawned the discipline of IT security. Kali Linux is the premier platform for testing and maintaining Windows security. Kali is built on the Debian distribution of Linux and shares the legendary stability of that OS. This lets you focus on using the network penetration, password cracking, forensics tools and not the OS. This book has the most advanced tools and techniques to reproduce the methods used by sophisticated hackers to make you an expert in Kali Linux penetration testing. First, you are introduced to Kali's top ten tools and other useful reporting tools. Then, you will find your way around your target network and determine known vulnerabilities to be able to exploit a system remotely. Next, you will prove that the vulnerabilities you have found are real and exploitable. You will learn to use tools in seven categories of exploitation tools. Further, you perform web access exploits using tools like websploit and more. Security is only as strong as the weakest link in the chain. Passwords are often that weak link. Thus, you learn about password attacks that can be used in concert with other approaches to break into and own a network. Moreover, you come to terms with network sniffing, which helps you understand which users are using services you can exploit, and IP spoofing, which can be used to poison a system's DNS cache. Once you gain access to a machine or network, maintaining access is important. Thus, you not only learn penetrating in the machine you also learn Windows privilege's escalations. With easy to follow step-by-step instructions and support images, you will be able to quickly pen test your system and network. Style and approach This book is a hands-on guide for Kali Linux pen testing. This book will provide all the practical knowledge needed to test your network's security using a proven hacker's methodology. The book uses easy-to-understand yet professional language for explaining concepts.

*Hacking: Penetration Testing with Kali Linux*

Packt Publishing Ltd

Over 80 recipes on how to identify, exploit, and test web application security with Kali Linux 2 About

This Book Familiarize yourself with the most common web vulnerabilities a web application faces, and understand how attackers take advantage of them Set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits Learn how to prevent vulnerabilities in web applications before an attacker can make the most of it Who This Book Is For This book is for IT professionals, web developers, security enthusiasts, and security professionals who want an accessible reference on how to find, exploit, and prevent security vulnerabilities in web applications. You should know the basics of operating a Linux environment and have some exposure to security technologies and tools. What You Will Learn Set up a penetration testing laboratory in a secure way Find out what information is useful to gather when performing penetration tests and where to look for it Use crawlers and spiders to investigate an entire website in minutes Discover security vulnerabilities in web applications in the web browser and using command-line tools Improve your testing efficiency with the use of automated vulnerability scanners Exploit vulnerabilities that require a complex setup, run custom-made exploits, and prepare for extraordinary scenarios Set up Man in the Middle attacks and use them to identify and exploit security flaws within the communication between users and the web server Create a malicious site that will find and exploit vulnerabilities in the user's web browser Repair the most common web vulnerabilities and understand how to prevent them becoming a threat to a site's security In Detail Web applications are a huge point of attack for malicious hackers and a critical area for security professionals and penetration testers to lock down and secure. Kali Linux is a Linux-based penetration testing platform and operating system that provides a huge array of testing tools, many of which can be used specifically to execute web penetration testing. This book will teach you, in the form step-by-step recipes, how to detect a wide array of vulnerabilities, exploit them to analyze their consequences, and ultimately buffer attackable surfaces so applications are more secure, for you and your users. Starting from the setup of a testing laboratory, this book will give you the skills you need to cover every stage of a penetration test: from gathering information about the system and the application to identifying vulnerabilities through manual testing and the use of vulnerability scanners to both basic and advanced exploitation techniques that may lead to a full system compromise. Finally, we will put this into the context of OWASP and the top 10 web application vulnerabilities you are most likely to encounter, equipping you with the ability to combat them effectively. By the end of the book, you will have the required skills to identify, exploit, and prevent web application vulnerabilities. Style and approach Taking a recipe-based approach to web security, this book has been designed to cover each stage of a penetration test, with descriptions on how tools work and why certain programming or configuration practices can become security vulnerabilities that may

put a whole system, or network, at risk. Each topic is presented as a sequence of tasks and contains a proper explanation of why each task is performed and what it accomplishes.
*Basics of SQL Injection Analysis, Detection and Prevention* Elsevier
Are you interested in learning more about hacking and how you can use these techniques to keep yourself and your network as safe as possible? Would you like to work with Kali Linux to protect your network and to make sure that hackers are not able to get onto your computer and cause trouble or steal your personal information? Have you ever been interested in learning more about the process of hacking, how to avoid being taken advantage of, and how you can use some of techniques for your own needs? In this Kali Linux For Hackers book, you will discover: - A concise introduction to the concept of "hacking" and Kali Linux - Everything you need to know about the different types of hacking, from session hijacking and SQL injection to phishing and DOS attacks - Why hackers aren't always bad guys as well as the 8 hacker types in today's cyberspace - Why Kali Linux is the platform of choice for many amateur and professional hackers - Step-by-step instructions to set up and install Kali Linux on your computer - How to master the Linux terminal as well as fundamental Linux commands you absolutely need to know about - A complete guide to using Nmap to understand, detect and exploit vulnerabilities - How to effectively stay anonymous while carrying out hacking attacks or penetration testing - How to use Bash and Python scripting to become a better hacker ...and tons more! When you are ready to learn more about hacking with Kali Linux and how this can benefit your own network and computer, make sure to check out this guidebook to get started!
SQL Injection Attacks and Defense Packt Publishing Ltd
The most comprehensive guide to ethical hacking and penetration testing with Kali Linux, from beginner to professional Key Features Learn to compromise enterprise networks with Kali Linux Gain comprehensive insights into security concepts using advanced real-life hacker techniques Use Kali Linux in the same way ethical hackers and penetration testers do to gain control of your environment Purchase of the print or Kindle book includes a free eBook in the PDF format Book DescriptionKali Linux is the most popular and advanced penetration testing Linux distribution within the cybersecurity industry. Using Kali Linux, a cybersecurity professional will be able to discover and exploit various vulnerabilities and perform advanced penetration testing on both enterprise wired and wireless networks. This book is a comprehensive guide for those who are new to Kali Linux and penetration testing that will have you up to speed in no time. Using real-world scenarios, you'll understand how to set up a lab and explore core penetration testing concepts. Throughout this book, you'll focus on information gathering and even discover different vulnerability assessment tools bundled in Kali Linux. You'll learn to discover target systems on a network, identify security flaws on devices, exploit security weaknesses and gain access to networks, set up

Command and Control (C2) operations, and perform web application penetration testing. In this updated second edition, you'll be able to compromise Active Directory and exploit enterprise networks. Finally, this book covers best practices for performing complex web penetration testing techniques in a highly secured environment. By the end of this Kali Linux book, you'll have gained the skills to perform advanced penetration testing on enterprise networks using Kali Linux.What you will learn Explore the fundamentals of ethical hacking Understand how to install and configure Kali Linux Perform asset and network discovery techniques Focus on how to perform vulnerability assessments Exploit the trust in Active Directory domain services Perform advanced exploitation with Command and Control (C2) techniques Implement advanced wireless hacking techniques Become well-versed with exploiting vulnerable web applications Who this book is for This pentesting book is for students, trainers, cybersecurity professionals, cyber enthusiasts, network security professionals, ethical hackers, penetration testers, and security engineers. If you do not have any prior knowledge and are looking to become an expert in penetration testing using the Kali Linux operating system (OS), then this book is for you.

*Hands-On Penetration Testing with Kali NetHunter* Packt Publishing Ltd

Hacking with Kali Linux - When you don't know sh#t is a comprehensive guide to ethical hacking using the Kali Linux operating system. The book provides a detailed introduction to the basics of hacking and covers the tools and techniques used in ethical hacking. The book is written for individuals who are interested in learning about ethical hacking and have little to no experience with Kali Linux. It is also suitable for individuals who have experience with other operating systems and are interested in learning about Kali Linux. The book is divided into eight chapters, with each chapter focusing on a specific aspect of ethical hacking. The first chapter provides an introduction to hacking, its types, ethics, and legal implications, as well as an overview of Kali Linux tools for ethical hacking. The second chapter covers the downloading and installation of Kali Linux, as well as setting up virtual environments for hacking and basic configuration of Kali Linux. Chapters three and four cover information gathering, scanning for open ports and services, vulnerability scanning and exploitation using Kali Linux tools. Chapter five focuses on password cracking and wireless network hacking, including techniques for wireless network penetration testing. Chapter six covers advanced hacking techniques, including exploiting web applications, social engineering, evading detection, and staying anonymous. Chapter seven delves into forensics and analysis, including techniques for forensic analysis, using Kali Linux tools for forensic analysis, recovering data from a compromised system, and analysis of logs and event data. Finally, chapter eight covers building a secure network using Kali Linux tools, monitoring

and protecting a network from attacks, and techniques for securing web applications and databases. Throughout the book, readers are provided with examples and hypothetical scenarios to help them understand and apply the concepts covered. By the end of the book, readers will have gained a comprehensive understanding of ethical hacking using Kali Linux and will be able to apply their knowledge in real-world situations.

**SQL injection attacks and mitigations** Packt Publishing Ltd

This book is a guide on how to use Kali Linux for penetration testing. It begins by guiding you on how to use the "Sqlmap" tool to perform an SQL injection. This will help you seal any loopholes in your databases. The book then guides you on how to use a tool named "Fluxion" so as to hack networks which are protected by WPA/WPA2. Brute forcing has been used for carrying out this kind of attack. You will also learn how to check or know the location for a particular IP address in the world. You will learn how to get details about this location in terms of longitude, country, and other parameters. The process of hiding or spoofing MAC addresses for your devices is very important for penetration testing. This book guides you on how to spoof the MAC address of your devices. After developing a website or before you can hack a website, it is good for you to scan it and identify any loopholes or vulnerabilities within it. You can then go ahead and exploit these vulnerabilities, or seal them to prevent a disaster. This book guides you on how to scan a website and identify any vulnerability within it. You are guided on how to hack Android phones by the use of Kali Linux. HTP servers usually have an open FTP port. This book guides you on how to use this port and gain access to the server. You will also know how to carry out a mass mailer attack, as well as password cracking in Kali Linux. The following topics are discussed in this book: - Sqlmap for Website Hacking - How to Hack WPA/WPA2 without Brute Force - Checking for IP Address Location - MAC Address Spoofing - Scanning a Website for Vulnerability - Hacking Android Phones with Kali Linux -Hacking FTP Server in Kali Linux - Creating a Persistent Backdoor in Android - Mass Mailer Attack - Password Cracking

Sql Injection Best Method For Begineers Packt Publishing Ltd

Taking a highly practical approach and a playful tone, Kali Linux CTF Blueprints provides step-by-step guides to setting up vulnerabilities, in-depth guidance to exploiting them, and a variety of advice and ideas to build and customising your own challenges. If you are a penetration testing team leader or individual who wishes to challenge yourself or your friends in the creation of penetration testing assault courses, this is the book for you. The book assumes a basic level of penetration skills and familiarity with the Kali Linux operating system.

Mastering Kali Linux for Web Penetration Testing Packt Publishing

Master the art of conducting modern pen testing attacks and techniques on your web application before the hacker does! About This Book This book covers the latest technologies such as Advance XSS, XSRF, SQL Injection, Web API testing, XML attack

vectors, OAuth 2.0 Security, and more involved in today's web applications Penetrate and secure your web application using various techniques Get this comprehensive reference guide that provides advanced tricks and tools of the trade for seasoned penetration testers Who This Book Is For This book is for security professionals and penetration testers who want to speed up their modern web application penetrating testing. It will also benefit those at an intermediate level and web developers who need to be aware of the latest application hacking techniques. What You Will Learn Get to know the new and less-publicized techniques such PHP Object Injection and XML-based vectors Work with different security tools to automate most of the redundant tasks See different kinds of newly-designed security headers and how they help to provide security Exploit and detect different kinds of XSS vulnerabilities Protect your web application using filtering mechanisms Understand old school and classic web hacking in depth using SQL Injection, XSS, and CSRF Grasp XML-related vulnerabilities and attack vectors such as XXE and DoS techniques Get to know how to test REST APIs to discover security issues in them In Detail Web penetration testing is a growing, fast-moving, and absolutely critical field in information security. This book executes modern web application attacks and utilises cutting-edge hacking techniques with an enhanced knowledge of web application security. We will cover web hacking techniques so you can explore the attack vectors during penetration tests. The book encompasses the latest technologies such as OAuth 2.0, Web API testing methodologies and XML vectors used by hackers. Some lesser discussed attack vectors such as RPO (relative path overwrite), DOM clobbering, PHP Object Injection and etc. has been covered in this book. We'll explain various old school techniques in depth such as XSS, CSRF, SQL Injection through the ever-dependable SQLMap and reconnaissance. Websites nowadays provide APIs to allow integration with third party applications, thereby exposing a lot of attack surface, we cover testing of these APIs using real-life examples. This pragmatic guide will be a great benefit and will help you prepare fully secure applications. Style and approach This master-level guide covers various techniques serially. It is power-packed with real-world examples that focus more on the practical aspects of implementing the techniques rather going into detailed theory.

**Cybersecurity with Kali Linux: A Quick Start to Penetration Testing**

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Unlock the secrets of SQL injection with "Mastering SQL Injection: A Comprehensive Guide to Exploiting and Defending Databases" by Evelyn Martin. Dive into the depths of database security, where both attackers and defenders are engaged in a perpetual battle of wits. In this authoritative guide, Evelyn Martin, a seasoned cybersecurity expert, takes you on a journey through the intricate world of SQL injection. Whether you are a curious beginner, a seasoned developer, or a security professional, this book caters to all levels of expertise. Key Features: In-Depth Exploration: Delve into the fundamentals of SQL,

database structures, and the intricacies of SQL queries. Understand how databases process queries and learn to identify vulnerabilities that can be exploited. Exploitation Techniques: Uncover the various types of SQL injection attacks, from classic to blind, and master the art of exploiting these vulnerabilities step by step. Follow real-world examples and walkthroughs to understand the methods employed by attackers. Defensive Strategies: Equip yourself with robust defense mechanisms. Implement secure coding practices, parameterized queries, and input validation to fortify your applications against SQL injection attacks. Automated Tools: Explore popular automated tools like SQLMap and Burp Suite, and learn how to integrate them into your security toolkit for efficient vulnerability detection and exploitation. Web Application Firewalls (WAFs): Understand the role of WAFs in preventing SQL injection. Learn to configure and tune WAFs to enhance your defense against evolving threats. Case Studies: Analyze real-world case studies and examples of SQL injection incidents. Gain insights into the impact of these incidents and the strategies employed for remediation. Legal and Ethical Considerations: Navigate the ethical landscape of hacking. Understand responsible disclosure, legal implications, and the importance of ethical hacking in safeguarding digital ecosystems. Future Trends: Peer into the future of SQL injection. Explore emerging trends, evolving attack vectors, and the latest developments in database security. Hands-on Exercises: Reinforce your learning with hands-on exercises and labs. Apply your knowledge in practical scenarios to build a solid foundation in SQL injection. Appendix: SQL Injection Cheat Sheet: Access a comprehensive cheat sheet for quick reference. Streamline your efforts in identifying, exploiting, and defending against SQL injection vulnerabilities. Who Should Read This Book: Developers aiming to fortify their applications against SQL injection. Security professionals seeking a deeper understanding of database vulnerabilities. Ethical hackers and penetration testers looking to enhance their skill set. Database administrators focused on safeguarding data integrity and confidentiality. Unlock the power of SQL injection, whether you're aiming to bolster your defense or explore the offensive side of cybersecurity. "Mastering SQL Injection" provides a comprehensive and practical guide that empowers you to navigate the evolving landscape of database security. Grab your copy and embark on a journey toward mastering SQL injection today.

**Kali Linux Hacking Official** Packt Publishing Ltd

Discover the most common web vulnerabilities and prevent them from becoming a threat to your site's security Key Features Familiarize yourself with the most common web vulnerabilities Conduct a preliminary assessment of attack surfaces and run exploits in your lab Explore new tools in the Kali Linux ecosystem for web penetration testing Book Description Web applications are a huge point of attack for malicious hackers and a

critical area for security professionals and penetration testers to lock down and secure. Kali Linux is a Linux-based penetration testing platform that provides a broad array of testing tools, many of which can be used to execute web penetration testing. Kali Linux Web Penetration Testing Cookbook gives you the skills you need to cover every stage of a penetration test – from gathering information about the system and application, to identifying vulnerabilities through manual testing. You will also cover the use of vulnerability scanners and look at basic and advanced exploitation techniques that may lead to a full system compromise. You will start by setting up a testing laboratory, exploring the latest features of tools included in Kali Linux and performing a wide range of tasks with OWASP ZAP, Burp Suite and other web proxies and security testing tools. As you make your way through the book, you will learn how to use automated scanners to find security flaws in web applications and understand how to bypass basic security controls. In the concluding chapters, you will look at what you have learned in the context of the Open Web Application Security Project (OWASP) and the top 10 web application vulnerabilities you are most likely to encounter, equipping you with the ability to combat them effectively. By the end of this book, you will have acquired the skills you need to identify, exploit, and prevent web application vulnerabilities. What you will learn Set up a secure penetration testing laboratory Use proxies, crawlers, and spiders to investigate an entire website Identify cross-site scripting and client-side vulnerabilities Exploit vulnerabilities that allow the insertion of code into web applications Exploit vulnerabilities that require complex setups Improve testing efficiency using automated vulnerability scanners Learn how to circumvent security controls put in place to prevent attacks Who this book is for Kali Linux Web Penetration Testing Cookbook is for IT professionals, web developers, security enthusiasts, and security professionals who want an accessible reference on how to find, exploit, and prevent security vulnerabilities in web applications. The basics of operating a Linux environment and prior exposure to security technologies and tools are necessary.

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