

## Belajar Hacking Dengan Kali Linux

Belajar Hacking Dengan Kali Linux Belajar Hacking dengan Kali Linux Membongkar Rahasia Dunia Siber Meta Mulai petualanganmu di dunia keamanan siber Artikel ini membimbingmu belajar hacking dengan Kali Linux dengan cerita menarik metafora yang mudah dipahami dan panduan praktis Kuasai dasarnya dan jadilah ahli keamanan siber belajar hacking Kali Linux keamanan siber ethical hacking penetration testing tutorial Kali Linux tools Kali Linux keamanan jaringan linux untuk pemula Bayangkan dirimu sebagai detektif digital berbekal kecerdasan dan senjata rahasia yang tersembunyi di balik layar komputer Misi Mengungkap kelemahan sistem keamanan melindungi data berharga dan menjaga dunia maya tetap aman Kali Linux distribusi Linux yang terkenal di kalangan ethical hacker menjadi alat andalan dalam misi ini Artikel ini akan membimbingmu dalam perjalanan belajar hacking dengan Kali Linux bukan untuk merusak tetapi untuk membangun pertahanan yang lebih kuat Perjalanan belajar hacking ini bukanlah jalan yang mudah Ia bagaikan mendaki gunung yang terjal penuh dengan tantangan dan misteri Tapi dengan kesabaran ketekunan dan panduan yang tepat puncaknya penguasaan keamanan siber dapat diraih Kali Linux adalah pendakianmu dan artikel ini adalah peta jalanmu Mengenal Kali Linux Lebih dari Sekedar Distribusi Linux Kali Linux bukanlah sekadar sistem operasi ia adalah gudang senjata yang berisi beragam tools canggih untuk pengujian penetrasi penetration testing dan keamanan siber Bayangkan sebuah kotak peralatan berisi berbagai obeng palu dan gergaji masing-masing dirancang untuk tugas spesifik Begitu pula Kali Linux yang menyediakan berbagai tools untuk menganalisis kerentanan jaringan menguji kekuatan password dan mendeteksi malware Namun penting diingat bahwa kekuatan ini harus digunakan dengan bijak dan etis Mempelajari hacking dengan Kali Linux bukanlah untuk melakukan tindakan ilegal seperti peretasan ilegal cybercrime Tujuannya adalah untuk memahami cara kerja serangan siber agar dapat mencegahnya Analogikan seperti mempelajari cara kerja penyakit untuk menciptakan vaksin 2 Langkah Awal Instalasi dan Konfigurasi Kali Linux Sebelum memulai petualangan kamu perlu memasang Kali Linux Proses instalasi sedikit lebih kompleks daripada distribusi Linux lainnya tetapi banyak tutorial online yang dapat membantumu Pastikan kamu memiliki pengetahuan dasar tentang Linux sebelum memulai Setelah instalasi konfigurasi yang tepat sangat krusial Ini melibatkan pengaturan koneksi internet update sistem dan instalasi tools yang diperlukan Banyak tutorial video dan dokumentasi tersedia online untuk membantu proses ini Ingatlah untuk selalu memperbarui sistemmu untuk menjaga keamanan dan akses ke tools terbaru Mempelajari Toolstools Esensial di Kali Linux Kali Linux menawarkan berbagai tools dengan fungsi yang beragam Mulailah dengan mempelajari tools dasar yang penting seperti Nmap Tools pemindaian jaringan yang digunakan untuk mengidentifikasi perangkat yang terhubung ke jaringan dan menemukan port yang terbuka Bayangkan ini sebagai matamata digital yang menyelidiki lingkungan jaringan Metasploit Framework Platform eksploitasi yang memungkinkan kamu untuk menguji kerentanan sistem Ini seperti laboratorium virtual di mana kamu dapat mensimulasikan serangan dan mempelajari cara menanggulangnya Wireshark Tools analisis paket jaringan yang memungkinkan kamu untuk mengamati lalu lintas data dalam realtime Ini seperti melihat langsung bagaimana data bergerak dalam jaringan John the Ripper Tools pengujian kekuatan password yang dapat digunakan untuk menguji keamanan password Ini penting untuk memahami seberapa mudah password dapat dipecahkan Aircrackng Suatu suite tools untuk pengujian keamanan jaringan WiFi Ini dapat digunakan untuk menguji kekuatan enkripsi WiFi Mempelajari setiap tools ini membutuhkan waktu dan dedikasi Jangan terburuburu Fokuslah pada satu tools pada satu waktu dan praktikkan hingga kamu menguasainya Praktik dan Pengalaman Kunci Penguasaan Kali Linux Teori saja tidak cukup Praktik adalah kunci untuk menguasai Kali Linux Coba buatlah mesin virtual virtual machine untuk berlatih tanpa risiko merusak sistem utamamu Banyak platform menyediakan mesin virtual gratis dan siap pakai untuk berlatih Cobalah melakukan beberapa latihan sederhana seperti pemindaian jaringan pada mesin 3 virtualmu sendiri atau menguji keamanan password pada akun yang kamu buat khusus untuk latihan Jangan pernah mencoba melakukan pengujian pada sistem yang bukan milikmu tanpa izin Anecdote Saya pernah mengalami kesulitan ketika mencoba memahami cara kerja Metasploit

Framework Setelah sehari-hari membaca dokumentasi dan mencoba berbagai tutorial saya akhirnya berhasil memahami konsep dasarnya Kesulitan ini mengajarkan saya betapa pentingnya kesabaran dan ketekunan dalam belajar Kesimpulan Jalan Panjang Menuju Ahli Keamanan Siber Belajar hacking dengan Kali Linux adalah perjalanan panjang yang membutuhkan waktu dedikasi dan etika yang kuat Ingatlah selalu untuk menggunakan pengetahuanmu untuk kebaikan dan untuk melindungi bukan merusak Dengan latihan yang konsisten dan semangat belajar yang tinggi kamu dapat menjadi ahli keamanan siber yang handal Actionable Takeaways 1 Instal dan konfigurasi Kali Linux pada mesin virtual 2 Mulai pelajari tools dasar seperti Nmap Metasploit dan Wireshark 3 Praktikkan secara teratur pada mesin virtual 4 Ikuti tutorial online dan ikuti komunitas keamanan siber 5 Tetaplah belajar dan ikuti perkembangan teknologi terbaru FAQs 1 Apakah saya perlu memiliki background programming untuk belajar hacking dengan Kali Linux Tidak wajib namun pemahaman dasar pemrograman akan sangat membantu dalam memahami beberapa tools dan skrip 2 Apakah belajar hacking dengan Kali Linux ilegal Tidak selama kamu menggunakan pengetahuanmu untuk tujuan etis seperti pengujian penetrasi pada sistem yang kamu miliki izinnya 3 Bagaimana cara mencari sumber belajar Kali Linux yang terpercaya Carilah tutorial dan kursus dari sumber terpercaya seperti situs web resmi Kali Linux universitas terkemuka dan platform pembelajaran online yang bereputasi baik 4 Apakah saya perlu perangkat keras yang canggih untuk menjalankan Kali Linux Tidak Kali Linux dapat dijalankan pada spesifikasi perangkat keras yang cukup standar 5 Apakah ada risiko keamanan saat menggunakan Kali Linux Ya seperti semua sistem operasi Kali Linux juga memiliki risiko keamanan Pastikan kamu selalu memperbarui sistem 4 dan menggunakannya dengan bijak Gunakan selalu pada mesin virtual untuk meminimalkan risiko

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apakah anda ingin menjadi peretas besar belajar meretas peretasan adalah cara terbaik untuk mempelajari cara untuk tidak membangun sesuatu pemrogram menguasai bahasa pemrograman tetapi sering kali meninggalkan jejak kode yang dapat dikuasai peretas untuk membuat pintu belakang buku ini menjelaskan hacking dengan cara yang menarik yang akan membantu anda menguasainya dengan mudah peretas sering menggunakan linux dan kali untuk operasinya buku ini menjelaskan semuanya dengan kode baris perintah dalam istilah awam seringkali orang mendapatkan informasi yang salah tentang hacking dari website dan blog untuk menguasai peretasan anda perlu menguasai alat yang dapat melakukan pekerjaan tersebut buku ini membahas cara ini untuk membantu anda memahami proses peretasan buku ini menjelaskan tentang prosedur instalasi kali linux dan linux penjelasan rinci tentang perintah linux diberikan bersama dengan banyak contoh yang akan membantu kita memahami teknik

yang perlu kita kuasai bersamaan dengan pengenalan singkat kali linux buku ini akan menjelaskan kepada kita tentang alat alat seperti nmap sebagai alat pengumpulan informasi dan metasploit sebagai alat pembuatan eksploitasi orang orang sering kali tinggal di tempat kerja dan dikelilingi oleh jaringan nirkabel pada generasi ini satu bab dalam buku ini hanya membahas tentang peretasan nirkabel dengan banyak contoh di bawah ini kami menjelaskan bagian paling menarik dari buku ini pengenalan sistem operasi linux instalasi linux mint dan kali linux instalasi distribusi linux menggunakan mesin virtual pengantar perintah linux menjelaskan tentang alat hacking di kali linux pengumpulan informasi target menggunakan nmap penilaian kerentanan otomatis menggunakan nessus memperkenalkan utilitas netcat dengan banyak contoh catatan tentang penggunaan alat peretas kata sandi pengantar john the ripper pengantar alat snort seluruh bab membahas tentang peretasan nirkabel dengan banyak contoh setiap konsep dalam buku ini diikuti dengan kode baris perintah yang akan membantu anda memahami proses peretasan lebih lanjut beli ini untuk mendapatkan pengenalan hebat tentang peretasan dan buku ini diikuti oleh buku lainnya peretasan dengan kali linux sekolah tik yang akan semakin memperluas keterampilan anda meskipun anda belum pernah melakukan peretasan seumur hidup anda dapat dengan mudah mempelajari cara melakukannya jadi tunggu apa lagi gulir ke atas dan klik tombol beli sekarang

pembelanjaan di bidang keamanan jaringan komputer dan keamanan informasi terus meningkat mengenali jenis ancaman keamanan yang terjadi di dalam jaringan komputer yang digunakan menjadi satu langkah menuju solusi untuk menghadapinya jumlah infrastruktur dan sumber daya manusia yang memenuhi persyaratan mampu mengamankan internet masih kurang banyak hal itu menyebabkan pihak pihak yang ingin menghitung anggaran kebutuhan infrastruktur keamanan informasi menjadi bingung tidak adanya gambaran tentang peralatan yang harus dibeli menjadikan pihak tersebut sulit menentukan batasan biaya salah satu pilihan bagi pekerja teknologi informasi adalah mempelajari kerangka kerja strategis yang menilai risiko bisnis dari kejahatan dunia maya dan mengembangkan buku pedoman untuk memerangi kejahatan dunia maya hal itu menyebabkan keahlian yang dimiliki menjadi berharga dan dinilai lebih oleh berbagai pihak setelah menyelesaikan membaca buku ini pembaca dapat lebih paham tentang cara untuk mengamankan komputer dan jaringan komputer terhadap berbagai ancaman yang telah terjadi maupun ancaman jenis baru hasil penelitian dari malwarebytes melaporkan adanya peningkatan jumlah ransomware sebesar 500 dari tahun 2018 hingga tahun 2019

ingin melihat betapa mudahnya meretas jaringan nirkabel anda metode dan panduan di sini tunjukkan caranya semudah 1 2 3

apakah sulit menjadi seorang hacker jawabannya tidak jika anda memiliki satu buah komputer dan tidak peduli apakah anda pengguna ms windows maka anda bisa mempelajari teknik hacking yang diajarkan oleh ethical hacker di seluruh dunia buku ini mengupas metode dan langkah langkah menjadi hacker secara aman legal dan tidak merusak sistem komputer apa pun bahkan anda bisa menggunakan komputer pribadi sebagai alat untuk melakukan hacking sekaligus menjadi target yang akan di hacked pembahasan di dalam buku ini dimulai dari bagaimana membuat ruang kerja hacker yang aman dan legal mengenal perintah perintah dasar linux memahami konsep network dan menjelajahi beragam tool serta konsep untuk hacking contohnya konsep arp spoofing dns spoofing man in the middle attack metasploitable metasploit backdoor dan tool lainnya seperti wireshark dan nmap selain itu anda juga akan belajar tentang konsep ip address access point packet data handshake packet mac address dan konsep konsep jaringan lainnya hanya bermodalkan komputer pribadi yang saat ini anda miliki anda sudah bisa mempelajari teknik hacking secara tuntas

saat ini penggunaan sistem komputer sudah menjadi kebutuhan bagi setiap individu maupun organisasi perusahaan namun dibalik kemudahan sistem yang ada terdapat ancaman yang dapat mengganggu keberadaan sistem sehingga dapat menyebabkan hilangnya data informasi bahkan sampai terganggunya proses bisnis di dalam suatu organisasi perusahaan untuk mengetahui kondisi keamanan sistem yang digunakan diperlukan sebuah panduan terperinci agar pengguna dapat melakukan penilaian kondisi keamanan sistem secara mandiri buku ini menyediakan panduan dalam melakukan penilaian kondisi keamanan pada suatu sistem yang digunakan secara teknis dan rinci penjelasan ditulis dengan bahasa yang lugas untuk memudahkan pembaca

dalam memahami isi buku semoga bermanfaat

written as an interactive tutorial this book covers the core of kali linux with real world examples and step by step instructions to provide professional guidelines and recommendations for you the book is designed in a simple and intuitive manner that allows you to explore the whole kali linux testing process or study parts of it individually if you are an it security professional who has a basic knowledge of unix linux operating systems including an awareness of information security factors and want to use kali linux for penetration testing then this book is for you

discover end to end penetration testing solutions to enhance your ethical hacking skills key featurespractical recipes to conduct effective penetration testing using the latest version of kali linuxleverage tools like metasploit wireshark nmap and more to detect vulnerabilities with easeconfidently perform networking and application attacks using task oriented recipesbook description many organizations have been affected by recent cyber events at the current rate of hacking it has become more important than ever to pentest your environment in order to ensure advanced level security this book is packed with practical recipes that will quickly get you started with kali linux version 2018 4 2019 in addition to covering the core functionalities the book will get you off to a strong start by introducing you to the installation and configuration of kali linux which will help you to perform your tests you will also learn how to plan attack strategies and perform web application exploitation using tools such as burp and jexboss as you progress you will get to grips with performing network exploitation using metasploit sparta and wireshark the book will also help you delve into the technique of carrying out wireless and password attacks using tools such as patator john the ripper and airoscript ng later chapters will draw focus to the wide range of tools that help in forensics investigations and incident response mechanisms as you wrap up the concluding chapters you will learn to create an optimum quality pentest report by the end of this book you will be equipped with the knowledge you need to conduct advanced penetration testing thanks to the book s crisp and task oriented recipes what you will learnlearn how to install set up and customize kali for pentesting on multiple platformspentest routers and embedded devicesget insights into fiddling around with software defined radiopwn and escalate through a corporate networkwrite good quality security reportsexplore digital forensics and memory analysis with kali linuxwho this book is for if you are an it security professional pentester or security analyst who wants to conduct advanced penetration testing techniques then this book is for you basic knowledge of kali linux is assumed

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

become an expert in kali linux within no time do you want to learn about kali linux do you want to improve your knowledge about advanced security protocols however you aren't sure where to begin does all the information available online seem overwhelming and quite complicated if yes then this is the perfect book for you this book is a beginner's guide to learn kali linux armed with the information given in this book you can use kali linux quite easily and become an expert in it within no time kali linux is believed to be amongst the best open source security packages which can be used by an ethical hacker it consists of different sets of tools which are divided into various categories the user can install it as an operating system in the machine the applications of kali linux have certainly evolved since it was first developed now it is not only the best platform available for an information security professional but it has become an industrial level operation system distribution in this book you will learn about the basics of kali linux how to install kali linux steps to download kali linux about arm devices tips for troubleshooting the applications and use of kali linux different tools available in kali linux and much more if you want to learn about all this then this book is your go to option now all that's left for you to do is grab your copy today and start learning what are you waiting for

55 discount for bookstores now at 33.99 instead of 52.68 your customers will never stop reading this guide hacking linux is an open source as a result of which tool developers get an extra advantage are you interested to learn about an operating system which is not only transparent but also can be manipulated in as many ways as possible read on to get well aware of one such os which is nothing but linux due to its flexibility most of the cybersecurity tools are written to run on linux cybersecurity is the protection of every system which is connected through the internet from any kind of cyber attack this can include software hardware and data in computing terms security is not only cybersecurity but also physical security both these mechanisms are used to safeguard against any kind of unauthorized access to computerized systems and data centers any kind of information security which is designed to look after the integrity confidentiality and availability of the data comes under cybersecurity linux is the os which is used on most of the network devices as well as the security appliances like the routers next generation firewall devices firewalls virtual private network unified threat management gateways intrusion protection systems intrusion detection systems security information and event management appliances wireless access point and a lot more also to collect any kind of security related data from all these devices or perform any kind of security hardening linux has to be understood the goal of the ebook is simple the ebook is a very good guide to know about the basics of linux as well as its application in cybersecurity you will also learn the basic of kali linux what are the uses of logging for hackers how to scan the server and the network the process of hacking and how attackers cover their traces the basic of cybersecurity protect yourself from cyber attacks and secure your computer and other devices buy it now and let your customers get addicted to this amazing book

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when you know what hackers know you're better able to protect your online information with this book you'll learn just what kali linux is capable of and get the chance to use a host of recipes key features recipes designed to educate you extensively on the penetration testing principles and kali linux tools learning to use kali linux tools such as metasploit wire shark and many more through in depth and structured instructions teaching you in an easy to follow style full of examples illustrations and tips that will suit experts and novices alike book description in this age where online information is at its most vulnerable knowing how to execute the same attacks that hackers use to break into your system or network helps you plug the loopholes before it's too late and can save you countless hours and money kali linux is a linux distribution designed for penetration testing and security auditing it is the successor to backtrack the world's most popular penetration testing distribution discover a variety of

popular tools of penetration testing such as information gathering vulnerability identification exploitation privilege escalation and covering your tracks packed with practical recipes this useful guide begins by covering the installation of kali linux and setting up a virtual environment to perform your tests you will then learn how to eavesdrop and intercept traffic on wireless networks bypass intrusion detection systems and attack web applications as well as checking for open ports performing data forensics and much more the book follows the logical approach of a penetration test from start to finish with many screenshots and illustrations that help to explain each tool in detail the kali linux cookbook will serve as an excellent source of information for the security professional and novice alike what you will learn install and setup kali linux on multiple platforms customize kali linux to your individual needs locate vulnerabilities with nessus and openvas exploit vulnerabilities you've found with metasploit learn multiple solutions to escalate privileges on a compromised machine understand how to use kali linux in all phases of a penetration test crack wep wpa wpa2 encryption simulate an actual penetration test using kali linux who this book is for this book is ideal for anyone who wants to get up to speed with kali linux it would also be an ideal book to use as a reference for seasoned penetration testers

are you interested in finding new and effective ways to keep your system safe and secure do you want to make sure that you are not going to be attacked online and that you won't have to worry about your personal or financial information getting into the wrong hands are you worried about some of the attacks and the headlines that are going around right now concerning data breaches and hackers and you want to make sure that you stay safe and secure the kali linux operating system is one of the best options to work with when you are ready to try out some hacking in an ethical and safe manner using some of the same techniques that many hackers are going to rely on you are able to learn some of the different methods they are going to use and figure out where your potential vulnerabilities are right from the start when you know where these vulnerabilities are it is so much easier to fix them and keep your network as safe as possible inside this guidebook we are going to spend some time taking a look at the kali linux system and how we are able to use it to help with protecting our systems from learning how to work with a vpn to completing our own penetration test and network scan this system is going to help keep you as safe and secure as possible some of the different topics that we will explore to help out with this goal include history of kali linux and some of the benefits of working with this operating system some of the basics and the commands that you need to use in order to get started with this language how to download and install the kali linux operating system the importance of working on your cybersecurity and keeping your system safe how to handle your own penetration testing to make sure that your computer system is safe and to figure out where we are able to fix some vulnerabilities the different types of hackers that we need to be aware of and how they all work differently from one another the different types of attacks that can happen when we are going to work with a hacker and that we need to be prepared for some of the steps that you are able to take in order to keep your system safe and secure from others protecting your system and your computer safe from hackers can be important in ensuring that your personal information is going to stay as safe and secure as possible when you are ready to learn how to use the kali linux operating system to make this happen make sure to check out this guidebook to help you get started scroll the top of the page and select the buy now button

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master the art of exploiting advanced web penetration techniques with kali linux 2016 2 about this book make the most out of advanced web pen testing techniques using kali linux 2016 2 explore how stored a k a persistent xss attacks work and how to take advantage of them learn to secure your application by performing advanced web based attacks bypass internet security to traverse from the web to a private network who this book is for this book targets it pen testers security consultants and ethical hackers who want to expand their knowledge and gain expertise on advanced web penetration techniques prior knowledge of penetration testing would be beneficial what you will learn establish a fully featured sandbox for test rehearsal and risk free investigation of applications enlist open source information to get a head start on enumerating account credentials mapping

potential dependencies and discovering unintended backdoors and exposed information map scan and spider web applications using nmap zenmap nikto arachni webscarab w3af and netcat for more accurate characterization proxy web transactions through tools such as burp suite owasp s zap tool and vega to uncover application weaknesses and manipulate responses deploy sql injection cross site scripting java vulnerabilities and overflow attacks using burp suite websploit and sqlmap to test application robustness evaluate and test identity authentication and authorization schemes and sniff out weak cryptography before the black hats do in detail you will start by delving into some common web application architectures in use both in private and public cloud instances you will also learn about the most common frameworks for testing such as owasp ogt version 4 and how to use them to guide your efforts in the next section you will be introduced to web pentesting with core tools and you will also see how to make web applications more secure through rigorous penetration tests using advanced features in open source tools the book will then show you how to better hone your web pentesting skills in safe environments that can ensure low risk experimentation with the powerful tools and features in kali linux that go beyond a typical script kiddie approach after establishing how to test these powerful tools safely you will understand how to better identify vulnerabilities position and deploy exploits compromise authentication and authorization and test the resilience and exposure applications possess by the end of this book you will be well versed with the web service architecture to identify and evade various protection mechanisms that are used on the today you will leave this book with a greater mastery of essential test techniques needed to verify the secure design development and operation of your customers web applications style and approach an advanced level guide filled with real world examples that will help you take your web application s security to the next level by using kali linux 2016 2

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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

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