

Pro Asp Net Web Api Security Securing Asp Net Web Api

Advanced API Security Pro ASP.NET Web API Security API Security API Security in Action Secure APIs Practical Guide to API Security Defending APIs API Security for White Hat Hackers AI Strategy and Security 600 Expert Interview Questions and Answers for API Security Engineer to Prevent and Mitigate API Vulnerabilities Web API Security Essentials Mastering Cybersecurity Secure APIs AI-Native LLM Security Advanced GraphQL Solutions: Strategies and Techniques for Effective Implementation ASP.NET Web API Security Essentials Pro ASP.Net Web API Security Cloud Computing Security Secure RESTful APIs The Impact of the Energy Dependency on Critical Infrastructure Protection Prabath Siriwardena Badrinarayanan Lakshmiraghavan Jose D. Vick Neil Madden José Haro Peralta Lammie Verden Colin Domoney Confidence Staveley Donnie W. Wendt CloudRoar Consulting Services Basil U Dr. Jason Edwards José Haro Peralta Vaibhav Malik Adam Jones Rajesh Gunasundaram Leo H. Doyle Neha Agrawal Massimo Nardone Tünde Anna Kovács

Advanced API Security Pro ASP.NET Web API Security API Security API Security in Action Secure APIs Practical Guide to API Security Defending APIs API Security for White Hat Hackers AI Strategy and Security 600 Expert Interview Questions and Answers for API Security Engineer to Prevent and Mitigate API Vulnerabilities Web API Security Essentials Mastering Cybersecurity Secure APIs AI-Native LLM Security Advanced GraphQL Solutions: Strategies and Techniques for Effective Implementation ASP.NET Web API Security Essentials Pro ASP.Net Web API Security Cloud Computing Security Secure RESTful APIs The Impact of the Energy Dependency on Critical Infrastructure Protection *Prabath Siriwardena Badrinarayanan Lakshmiraghavan Jose D. Vick Neil Madden José Haro Peralta Lammie Verden Colin Domoney Confidence Staveley Donnie W. Wendt CloudRoar Consulting Services Basil U Dr. Jason Edwards José Haro Peralta Vaibhav Malik Adam Jones Rajesh Gunasundaram Leo H. Doyle Neha Agrawal Massimo Nardone Tünde Anna Kovács*

advanced api security is a complete reference to the next wave of challenges in enterprise security securing public and private apis

api adoption in both consumer and enterprises has gone beyond predictions it has become the coolest way of exposing business functionalities to the outside world both your public and private apis need to be protected monitored and managed security is not an afterthought but api security has evolved a lot in last five years the growth of standards out there has been exponential that's where advanced api security comes in to wade through the weeds and help you keep the bad guys away while realizing the internal and external benefits of developing apis for your services our expert author guides you through the maze of options and shares industry leading best practices in designing apis for rock solid security the book will explain in depth securing apis from quite traditional http basic authentication to oauth 2.0 and the standards built around it build apis with rock solid security today with advanced api security takes you through the best practices in designing apis for rock solid security provides an in depth tutorial of most widely adopted security standards for api security teaches you how to compare and contrast different security standards protocols to find out what suits your business needs the best

asp net api is a key part of asp net mvc 4 and the platform of choice for building restful services that can be accessed by a wide range of devices everything from javascript libraries to ria plugins rfid readers to smart phones can consume your services using platform agnostic http with such wide accessibility securing your code effectively needs to be a top priority you will quickly find that the wcf security protocols you're familiar with from .net are less suitable than they once were in this new environment proving themselves cumbersome and limited in terms of the standards they can work with fortunately asp net api provides a simple robust security solution of its own that fits neatly within the asp net mvc programming model and secures your code without the need for soap meaning that there is no limit to the range of devices that it can work with if it can understand http then it can be secured by api these soap less security techniques are the focus of this book what you'll learn identity management and cryptography http basic and digest authentication and windows authentication http advanced concepts such as web caching etag and cors ownership factors of api keys client x.509 certificates and saml tokens simple token swt and signed and encrypted json token jwt oauth 2.0 from the ground up using jwt as the bearer token oauth 2.0 authorization codes and implicit grants using dotnetopenauth two factor authentication using google authenticator owasp top ten risks for 2013 who this book is for no prior experience of .net security is needed to read this book all security related concepts will be introduced from first principles and developed to the point where you can use them confidently in a professional environment a good working knowledge of and experience with c# and the .net framework are the only prerequisites to benefit from this book table of contents welcome to asp net api building restful services extensibility points http

anatomy and security identity management encryption and signing custom sts through wif knowledge factors ownership factors tokens oauth 2 0 using live connect api oauth 2 0 from the ground up oauth 2 0 using dotnetopenauth two factor authentication security vulnerabilities appendix asp net api security distilled

this book is an exploration of api security the book begins by explaining to you what api security is and why it is necessary api security risks have been discussed in detail you will also be guided on the potential vulnerabilities of apis and how to mitigate them authentication is an important mechanism for ensuring that apis are secure it works by ensuring that users accessing the api are the right ones and that they are authorized to do so the various authentication mechanisms and protocols in apis are discussed in this book with apis we need to ensure that users accessing the system only access the right resources this is implemented via authorization this book guides you on how to implement authorization in apis for security purposes using various protocols created for that purpose identity federation is also an important mechanism in api security this book guides you on how to implement identity federation in apis access management has also been discussed in detail as it serves to know the kind of users who access the api and the activities they can perform api security should be a holistic approach meaning that each party should be involved and various mechanisms should be employed for securing the api this book guides you on how to do this p2p encryption is of importance since there is a need for us to secure the data in transit which is explored in this book the following topics are discussed in this book what is an api api security risks to be mitigated authentication in apis authorization identity federation and access management delegation singular approach vs holistic security p2p encryption

api security in action teaches you how to create secure apis for any situation by following this hands on guide you ll build a social network api while mastering techniques for flexible multi user security cloud key management and lightweight cryptography summary a web api is an efficient way to communicate with an application or service however this convenience opens your systems to new security risks api security in action gives you the skills to build strong safe apis you can confidently expose to the world inside you ll learn to construct secure and scalable rest apis deliver machine to machine interaction in a microservices architecture and provide protection in resource constrained iot internet of things environments purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the technology apis control data sharing in every service server data store and web client modern data centric designs including microservices and cloud native applications demand a comprehensive

multi layered approach to security for both private and public facing apis about the book api security in action teaches you how to create secure apis for any situation by following this hands on guide you ll build a social network api while mastering techniques for flexible multi user security cloud key management and lightweight cryptography when you re done you ll be able to create apis that stand up to complex threat models and hostile environments what s inside authentication authorization audit logging rate limiting encryption about the reader for developers with experience building restful apis examples are in java about the author neil madden has in depth knowledge of applied cryptography application security and current api security technologies he holds a ph d in computer science table of contents part 1 foundations 1 what is api security 2 secure api development 3 securing the natter api part 2 token based authentication 4 session cookie authentication 5 modern token based authentication 6 self contained tokens and jwt s part 3 authorization 7 oauth2 and openid connect 8 identity based access control 9 capability based security and macaroons part 4 microservice apis in kubernetes 10 microservice apis in kubernetes 11 securing service to service apis part 5 apis for the internet of things 12 securing iot communications 13 securing iot apis

practical battle tested techniques to recognize and prevent attacks on your apis hackers know how important your apis are and they also know how to find the weak spots in your api security as a result apis have become principal vectors of attack against apps and sites secure apis design build and implement shows you reliable methods you can use to counter cracks hacks and attacks on your internal and external apis in this innovative new book you ll learn addressing the owasp top 10 api security vulnerabilities api security by design zero trust security automated api testing strategies observability and monitoring for threat detection written for developers and architects secure apis design build and implement shows you how to create and deploy apis that are resistant to the most common security threats author josé peralta illustrates each vulnerability with extended code samples and shows you exactly how to mitigate them in your own apis you ll find insights into emerging ai powered security threats along with tips and patterns for using llms in your own security testing about the technology apis are the primary way to share data and services privately inside applications and publicly with customers and partners unfortunately they re also a prime target for cyberattacks here s the good news there are proven strategies for finding vulnerabilities locking out intruders and building apis that are secure by design about the book secure apis teaches you to design implement and deploy secure apis providing clear examples of how attackers exploit weak authentication insufficient constraints and flawed architecture in this practical book you ll dissect the owasp top 10 api security risks and explore techniques to harden your apis establish real time monitoring and prepare for fast incident response case studies from e

commerce ridesharing and other high visibility targets show you how to deploy apis that stay secure in production what s inside api security by design zero trust security automated api testing strategies observability and monitoring for threat detection about the reader for software developers and architects cybersecurity professionals and qa engineers examples are in python about the author josé haro peralta is head of cybersecurity strategy at apisec and author of microservice apis he s also the founder of microapis io and apithreats com table of contents 1 what is api security 2 aligning api security with your organization 3 api security principles 4 top api authentication and authorization vulnerabilities 5 top api configuration and management vulnerabilities 6 api security by design 7 api authorization and authentication 8 implementing api authentication and authorization 9 secure api infrastructure 10 financial grade apis 11 observability for api security 12 testing api security a api security checklist b setting up auth0 for authentication and authorization c api security rfcs and learning resource

ensure the security of your applications with practical guide to api security protect your and mobile applications in this essential guide you ll learn the best practices for securing apis implementing robust authentication methods and protecting sensitive data in web and mobile applications with the rise of connected services and cloud based applications securing apis is now a critical component of modern software development whether you re a web developer mobile app developer or security professional this book provides practical real world insights to help you safeguard your apis against threats apis are the backbone of modern web and mobile applications and securing them is crucial to prevent unauthorized access data breaches and other cyber threats this book covers the essential principles and techniques for protecting your apis and the sensitive data they handle helping you create secure and resilient applications inside you ll learn the fundamentals of api security including the risks and vulnerabilities associated with open apis how to use authentication methods such as oauth api keys jwt json tokens and openid connect to secure access best practices for enforcing authorization rules and access controls to ensure only authorized users can interact with your apis how to protect sensitive data in transit and at rest using encryption techniques such as tls ssl and data masking techniques for mitigating common api vulnerabilities including injection attacks cross site scripting xss and cross site request forgery csrf how to implement rate limiting ip whitelisting and other security mechanisms to prevent abuse and overload the importance of logging and monitoring api usage to detect and respond to suspicious activity how to use api gateways and other security infrastructure for centralized management and enhanced protection real world case studies of api security breaches and lessons learned from high profile incidents by the end of this book you ll be equipped with the knowledge to implement robust api security measures and safeguard your applications from the most

common vulnerabilities practical guide to api security will help you create secure apis that protect your users data and improve the trustworthiness of your web and mobile applications key features learn best practices for securing apis in web and mobile applications understand authentication and authorization techniques such as oauth jwt and api keys step by step guidance for implementing encryption rate limiting and access controls real world case studies and lessons learned from security incidents practical tips for building secure apis that protect sensitive data start securing your apis today with practical guide to api security and ensure that your web and mobile applications remain protected in a world of evolving cyber threats

get up to speed with api security using this comprehensive guide full of best practices for building safer and secure apis key features develop a profound understanding of the inner workings of apis with a sharp focus on security learn the tools and techniques employed by api security testers and hackers establishing your own hacking laboratory master the art of building robust apis with shift left and shield right approaches spanning the api lifecycle purchase of the print or kindle book includes a free pdf ebook book description along with the exponential growth of api adoption comes a rise in security concerns about their implementation and inherent vulnerabilities for those seeking comprehensive insights into building deploying and managing apis as the first line of cyber defense this book offers invaluable guidance written by a seasoned devsecops expert defending apis addresses the imperative task of api security with innovative approaches and techniques designed to combat api specific safety challenges the initial chapters are dedicated to api building blocks hacking apis by exploiting vulnerabilities and case studies of recent breaches while the subsequent sections of the book focus on building the skills necessary for securing apis in real world scenarios guided by clear step by step instructions you ll explore offensive techniques for testing vulnerabilities attacking and exploiting apis transitioning to defensive techniques the book equips you with effective methods to guard against common attacks there are plenty of case studies peppered throughout the book to help you apply the techniques you re learning in practice complemented by in depth insights and a wealth of best practices for building better apis from the ground up by the end of this book you ll have the expertise to develop secure apis and test them against various cyber threats targeting apis what you will learn explore the core elements of apis and their collaborative role in api development understand the owasp api security top 10 dissecting the root causes of api vulnerabilities obtain insights into high profile api security breaches with practical examples and in depth analysis use api attacking techniques adversaries use to attack apis to enhance your defensive strategies employ shield right security approaches such as api gateways and firewalls defend against common api vulnerabilities across several frameworks and languages such as net python and java who this book is for

this book is for application security engineers blue teamers and security professionals looking forward to building an application security program targeting api security for red teamers and pentesters it provides insights into exploiting api vulnerabilities api developers will benefit understanding anticipating and defending against potential threats and attacks on their apis while basic knowledge of software and security is required to understand the attack vectors and defensive techniques explained in the book a thorough understanding of api security is all you need to get started

become an api security professional and safeguard your applications against threats with this comprehensive guide key features gain hands on experience in testing and fixing api security flaws through practical exercises develop a deep understanding of api security to better protect your organization s data integrate api security into your company s culture and strategy ensuring data protection purchase of the print or kindle book includes a free pdf ebook book descriptionapis have evolved into an essential part of modern applications making them an attractive target for cybercriminals written by a multi award winning cybersecurity leader this comprehensive guide offers practical insights into testing apis identifying vulnerabilities and fixing them with a focus on hands on learning this book guides you through securing your apis in a step by step manner you ll learn how to bypass authentication controls circumvent authorization controls and identify vulnerabilities in apis using open source and commercial tools moreover you ll gain the skills you need to write comprehensive vulnerability reports and recommend and implement effective mitigation strategies to address the identified vulnerabilities this book isn t just about hacking apis it s also about understanding how to defend them you ll explore various api security management strategies and understand how to use them to safeguard apis against emerging threats by the end of this book you ll have a profound understanding of api security and how to defend against the latest threats whether you re a developer security professional or ethical hacker this book will ensure that your apis are secure and your organization s data is protected what you will learn implement api security best practices and industry standards conduct effective api penetration testing and vulnerability assessments implement security measures for api security management understand threat modeling and risk assessment in api security gain proficiency in defending against emerging api security threats become well versed in evasion techniques and defend your apis against them integrate api security into your devops workflow implement api governance and risk management initiatives like a pro who this book is for if you re a cybersecurity professional web developer or software engineer looking to gain a comprehensive understanding of api security this book is for you the book is ideal for those who have beginner to advanced level knowledge of cybersecurity and api programming concepts professionals involved in designing developing or

maintaining apis will also benefit from the topics covered in this book

ai will fundamentally change the way business is conducted across most industries organizations that excel at leveraging secure responsible ai to advance their strategic objectives will have a distinct advantage those that do not may see their market share erode this book provides a guide for organizations to integrate ai in alignment with the organization s strategic goals the framework provides a roadmap for adopting secure responsible and resilient ai from initial strategy development to ongoing operations that will help advance market leadership part one of the book discusses laying a solid foundation to ensure successful ai integration beginning with developing an ai strategy aligned with strategic business objectives such as product and service differentiation market expansion and process optimization part two takes a deep dive into ensuring secure and safe ai adoption it proposes a secure by design approach to ai development that considers ai specific attack vectors and associated security practices throughout the ai lifecycle developing and deploying secure responsible and resilient ai is not a one time effort therefore part three discusses operationalizing ai and integrating it throughout the enterprise to ensure continued success this section focuses on scaling ai applications and continuous improvement including establishing metrics and conducting a post deployment roi evaluation finally it discusses how to foster a culture of ai innovation and excellence ensuring that ai becomes a way of doing business what you will learn develop an ai integration strategy aligned with the organization s strategic goals and objectives incorporate a secure by design approach to ai integration that considers ai specific attack vectors and applies traditional and ai specific defense methods such as adversarial development model behavior monitoring drift analysis input validation and filtering and output filtering establish an ai governance and risk management framework to ensure ongoing compliance with applicable legislation industry standards organizational policies and responsible ai principles operationalize and scale ai applications to ensure resilient production usage and facilitate continuous improvement foster a culture of ai innovation and excellence ensuring that ai becomes a way of doing business who this book is for the primary audience includes business leaders ai practitioners ai executives ai governance professionals and cybersecurity leaders looking to integrate ai as a strategic differentiator and to enhance business operations higher education would be a secondary audience

in today s digital world apis are the backbone of web and mobile applications connecting services enabling data exchange and enhancing functionality however with their widespread use comes the growing threat of cyberattacks targeting these crucial interfaces api security unlocked best practices and emerging trends provides a practical in depth exploration of how to protect your

apis from security risks and vulnerabilities this book offers a comprehensive approach to securing apis starting with the fundamentals and progressing to advanced techniques learn how to implement secure authentication manage access control encrypt sensitive data and detect anomalies before they lead to breaches through expert insights and real world examples you ll discover how to secure apis in cloud native environments safeguard microservices and adopt cutting edge technologies like ai and machine learning for enhanced security whether you are an api developer a security professional or an organization looking to protect your digital assets api security unlocked will empower you with the knowledge and tools to build and maintain secure resilient apis stay ahead of emerging threats and secure your apis for a safer digital future

the modern digital landscape presents many threats and opportunities necessitating a robust understanding of cybersecurity this book offers readers a broad spectrum view of cybersecurity providing insights from fundamental concepts to advanced technologies beginning with the foundational understanding of the ever evolving threat landscape the book methodically introduces many cyber threats from familiar challenges like malware and phishing to more sophisticated attacks targeting iot and blockchain readers will gain a robust comprehension of the attack vectors threatening our digital world understanding threats is just the start the book also delves deep into the defensive mechanisms and strategies to counter these challenges readers will explore the intricate art of cryptography the nuances of securing both mobile and web applications and the complexities inherent in ensuring the safety of cloud environments through meticulously crafted case studies tailored for each chapter readers will witness theoretical concepts practical implications and applications these studies although fictional resonate with real world scenarios offering a nuanced understanding of the material and facilitating its practical application complementing the knowledge are reinforcement activities designed to test and solidify understanding through multiple choice questions readers can gauge their grasp of each chapter s content and actionable recommendations offer insights on how to apply this knowledge in real world settings adding chapters that delve into the intersection of cutting edge technologies like ai and cybersecurity ensures that readers are prepared for the present and future of digital security this book promises a holistic hands on and forward looking education in cybersecurity ensuring readers are both knowledgeable and action ready what you will learn the vast array of cyber threats laying the groundwork for understanding the significance of cybersecurity various attack vectors from malware and phishing to ddos giving readers a detailed understanding of potential threats the psychological aspect of cyber threats revealing how humans can be manipulated into compromising security how information is encrypted and decrypted to preserve its integrity and confidentiality the techniques and technologies that

safeguard data being transferred across networks strategies and methods to protect online applications from threats how to safeguard data and devices in an increasingly mobile first world the complexities of the complexities of cloud environments offering tools and strategies to ensure data safety the science behind investigating and analyzing cybercrimes post incident how to assess system vulnerabilities and how ethical hacking can identify weaknesses who this book is for cisos learners educators professionals executives auditors boards of directors and more

practical battle tested techniques to recognize and prevent attacks on your apis hackers know how important your apis are and they also know how to find the weak spots in your api security as a result apis have become principal vectors of attack against apps and sites secure apis design build and implement shows you reliable methods you can use to counter cracks hacks and attacks on your internal and external apis in this innovative new book you ll learn addressing the owasp top 10 api security vulnerabilities api security by design zero trust security automated api testing strategies observability and monitoring for threat detection written for developers and architects secure apis design build and implement shows you how to create and deploy apis that are resistant to the most common security threats author josé peralta illustrates each vulnerability with extended code samples and shows you exactly how to mitigate them in your own apis you ll find insights into emerging ai powered security threats along with tips and patterns for using llms in your own security testing about the technology apis are the primary way to share data and services privately inside applications and publicly with customers and partners unfortunately they re also a prime target for cyberattacks here s the good news there are proven strategies for finding vulnerabilities locking out intruders and building apis that are secure by design about the book secure apis teaches you to design implement and deploy secure apis providing clear examples of how attackers exploit weak authentication insufficient constraints and flawed architecture in this practical book you ll dissect the owasp top 10 api security risks and explore techniques to harden your apis establish real time monitoring and prepare for fast incident response case studies from e commerce ridesharing and other high visibility targets show you how to deploy apis that stay secure in production what s inside api security by design zero trust security automated api testing strategies observability and monitoring for threat detection about the reader for software developers and architects cybersecurity professionals and qa engineers examples are in python about the author josé haro peralta is head of cybersecurity strategy at apisec and author of microservice apis he s also the founder of microapis io and apithreats com table of contents 1 what is api security 2 aligning api security with your organization 3 api security principles 4 top api authentication and authorization vulnerabilities 5 top api configuration and management vulnerabilities 6 api security by design 7 api

authorization and authentication 8 implementing api authentication and authorization 9 secure api infrastructure 10 financial grade apis 11 observability for api security 12 testing api security a api security checklist b setting up auth0 for authentication and authorization c api security rfcs and learning resource get a free ebook pdf or epub from manning as well as access to the online livebook format and its ai assistant that will answer your questions in any language when you purchase the print book

unlock the secrets to safeguarding ai by exploring the top risks essential frameworks and cutting edge strategies featuring the owasp top 10 for llm applications and generative ai drm free pdf version access to packt s next gen reader key features understand adversarial ai attacks to strengthen your ai security posture effectively leverage insights from llm security experts to navigate emerging threats and challenges implement secure by design strategies and mlsecops practices for robust ai system protection purchase of the print or kindle book includes a free pdf ebook book descriptionadversarial ai attacks present a unique set of security challenges exploiting the very foundation of how ai learns this book explores these threats in depth equipping cybersecurity professionals with the tools needed to secure generative ai and llm applications rather than skimming the surface of emerging risks it focuses on practical strategies industry standards and recent research to build a robust defense framework structured around actionable insights the chapters introduce a secure by design methodology integrating threat modeling and mlsecops practices to fortify ai systems you ll discover how to leverage established taxonomies from owasp nist and mitre to identify and mitigate vulnerabilities through real world examples the book highlights best practices for incorporating security controls into ai development life cycles covering key areas such as ci cd mlops and open access llms built on the expertise of its co authors pioneers in the owasp top 10 for llm applications this guide also addresses the ethical implications of ai security contributing to the broader conversation on trustworthy ai by the end of this book you ll be able to develop deploy and secure ai technologies with confidence and clarity email sign up and proof of purchase required what you will learn understand unique security risks posed by llms identify vulnerabilities and attack vectors using threat modeling detect and respond to security incidents in operational llm deployments navigate the complex legal and ethical landscape of llm security develop strategies for ongoing governance and continuous improvement mitigate risks across the llm life cycle from data curation to operations design secure llm architectures with isolation and access controls who this book is for this book is essential for cybersecurity professionals ai practitioners and leaders responsible for developing and securing ai systems powered by large language models ideal for cisos security architects ml engineers data scientists and devops professionals it provides insights on securing ai applications managers and executives overseeing ai initiatives will also benefit from understanding

the risks and best practices outlined in this guide to ensure the integrity of their ai projects a basic understanding of security concepts and ai fundamentals is assumed

advanced graphql solutions strategies and techniques for effective implementation is an essential resource for professionals aiming to elevate their expertise in graphql technology designed for both newcomers and seasoned developers this comprehensive guide navigates through the intricacies of setting up a graphql environment designing robust schemas and optimizing performance to seamlessly integrate with contemporary frontend frameworks emphasizing practical real world applications each chapter unveils crucial concepts sophisticated techniques and industry proven practices that empower you to craft efficient scalable and secure graphql implementations explore in depth discussions on advanced query handling transaction management data relationships and performance tuning ensuring your applications are both resilient and agile this book distinguishes itself by blending theoretical insights with actionable guidance real world examples and illustrative case studies that vividly demonstrate the transformative power of graphql targeted at developers it architects and technology enthusiasts advanced graphql solutions serves as both an enlightening educational journey and a dependable reference tool unlock the full potential of graphql to redefine how you approach data management and application development ensuring a more dynamic and robust digital ecosystem

take the security of your asp net api to the next level using some of the most amazing security techniques around about this book this book has been completely updated for asp net api 2 0 including the new features of asp net api such as cross origin resource sharing cors and owin self hosting learn various techniques to secure asp net api including basic authentication using authentication filters forms windows authentication external authentication services and integrating asp net s identity system an easy to follow guide to enable ssl prevent cross site request forgery csrf attacks and enable cors in asp net api who this book is for this book is intended for anyone who has previous knowledge of developing asp net api applications good working knowledge and experience with c and net framework are prerequisites for this book what you will learn secure your web api by enabling secured socket layer ssl manage your application s user accounts by integrating asp net s identity system ensure the security of your web api by implementing basic authentication implement forms and windows authentication to secure your web api use external authentication such as facebook and twitter to authenticate a request to a web api protect your web api from csrf attacks enable cors in your web api to explicitly allow some cross origin requests while rejecting others fortify your web api using oauth2 in detail this book incorporates the new features

of asp net api 2 that will help you to secure an asp net api and make a well informed decision when choosing the right security mechanism for your security requirements we start by showing you how to set up a browser client to utilize asp net api services we then cover asp net api s security architecture authentication and authorization to help you secure a web api from unauthorized users next you will learn how to use ssl with asp net api including using ssl client certificates and integrate the asp net identity system with asp net api we ll show you how to secure a web api using oauth2 to authenticate against a membership database using owin middleware you will be able to use local logins to send authenticated requests using oauth2 we also explain how to secure a web api using forms authentication and how users can log in with their windows credentials using integrated windows authentication you will come to understand the need for external authentication services to enable oauth openid and social media authentication we ll then help you implement anti cross site request forgery csrf measures in asp net api finally you will discover how to enable cross origin resource sharing cors in your web api application style and approach each chapter is dedicated to a specific security technique in a task based and easy to follow way most of the chapters are accompanied with source code that demonstrates the step by step guidelines of implementing the technique and includes an explanation of how each technique works

thought provoking and accessible in approach this updated and expanded second edition of the pro asp net api security securing asp net api expert s voice in net provides a user friendly introduction to the subject taking a clear structural framework it guides the reader through the subject s core elements a flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts this succinct and enlightening overview is a required reading for advanced graduate level students we hope you find this book useful in shaping your future career feel free to send us your enquiries related to our publications to info@risepress.com or pw@risepress.com

the book provides a fundamental exploration of cloud security addressing the growing risks associated with modern cloud environments it combines foundational theory with hands on applications equipping readers with the knowledge and tools needed to secure cloud platforms topics include cloud attack vectors defence mechanisms implementation challenges and real world case studies of major cloud service providers practical exercises and end of chapter questions reinforce key concepts making this an essential resource designed for undergraduate and postgraduate students in computer science and cybersecurity this book serves as a vital guide to securing cloud infrastructures and ensuring data integrity in a rapidly evolving technological landscape covers cloud

security concepts attack types and defense mechanisms includes cloud security tools real world case studies and hands on projects discusses risk mitigation techniques and security best practices for cloud environments examines real world obstacles and solutions in cloud security adoption analyses major cloud service providers and their security models

secure your restful apis with confidence and efficiency this straightforward guide outlines the essential strategies and best practices for protecting sensitive data when developing restful apis for your applications inside you ll explore the fundamental functionalities to implement industry standard authentication authorization mechanisms for java applications with chapters covering key security concerns data protection and designing and testing secure apis this book provides a hands on approach to protecting user data validating inputs and implementing security mechanisms such as json tokens jwt and oauth2 authentication this book offers a focused introduction without unnecessary complexity whether you are a beginner or busy professional this is the only book designed to help you secure your restful apis in no time what you will learn understand the fundamentals of restful apis and why it is critical to secure them identify common security risks concerning restful apis and explore effective protection techniques know how to design and test restful apis including with input and response data validation review examples of how to secure json token jwt and oauth3 with restful apis who this book is for developer beginners who want to learn how to develop security restful apis applications

this book presents cutting edge research on the impact of energy dependence and strategies to mitigate it as a crucial component of critical infrastructure energy security is a top priority for nations worldwide the protection of this infrastructure along with the latest research tools and methodologies is of significant interest to both policymakers and industry leaders the book delves into two primary areas of research cybersecurity and physical security summarizing the latest findings in these critical fields the papers in this volume offer valuable insights for both academic and industrial audiences addressing the pressing challenges of energy security energy is integral to every aspect of our daily lives our comfort as well as our safety hinges on the uninterrupted supply of energy recent global events particularly the russian ukrainian war have underscored the vulnerability of nations lacking sufficient energy resources europe s energy supply has been severely disrupted by sanctions highlighting the need for energy resilience however this crisis has also accelerated the adoption of renewable energy sources marking a pivotal shift towards sustainable energy solutions

Eventually, **Pro Asp Net Web Api Security Securing Asp Net Web Api** will extremely discover a other experience and feat by

spending more cash. yet when? complete you assume that you require to get those every needs in imitation of having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will lead you to comprehend even more Pro Asp Net Web Api Security Securing Asp Net Web Api all but the globe, experience, some places, considering history, amusement, and a lot more? It is your very Pro Asp Net Web Api Security Securing Asp Net Web Api own get older to operate reviewing habit. among guides you could enjoy now is **Pro Asp Net Web Api Security Securing Asp Net Web Api** below.

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