
Pro Asp Net Web Api Security Securing Asp Net Web Api

Eventually, you will entirely discover a further experience and ability by spending more cash. yet when? get you take on that you require to acquire those all needs similar to having significantly cash? Why dont you attempt to get something basic in the beginning? Thats something that will guide you to understand even more just about the globe, experience, some places, in imitation of history, amusement, and a lot more?

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*Pro Asp
Net Web
Api
Security
Securing
Asp Net
Web Api 2022-04-29*

**MCKEE
SHILOH**

Expert

**ASP.NET
Web API 2
for MVC
Developers**

Apress
Understand
.NET memory
management

internal
workings,
pitfalls, and
techniques in
order to
effectively
avoid a wide
range of

performance and scalability problems in your software. Despite automatic memory management in .NET, there are many advantages to be found in understanding how .NET memory works and how you can best write software that interacts with it efficiently and effectively. Pro .NET Memory Management is your comprehensive guide to writing better software by understanding and working

with memory management in .NET. Thoroughly vetted by the .NET Team at Microsoft, this book contains 25 valuable troubleshooting scenarios designed to help diagnose challenging memory problems. Readers will also benefit from a multitude of .NET memory management “rules” to live by that introduce methods for writing memory-aware code and the means for avoiding

common, destructive pitfalls. What You'll Learn Understand the theoretical underpinnings of automatic memory management. Take a deep dive into every aspect of .NET memory management, including detailed coverage of garbage collection (GC) implementation, that would otherwise take years of experience to acquire. Get practical advice on how this knowledge

can be applied in real-world software development. Use practical knowledge of tools related to .NET memory management to diagnose various memory-related issues. Explore various aspects of advanced memory management, including use of Span and Memory types. Who This Book Is For .NET developers, solution architects, and performance engineers. *Pro ASP.NET*

4.5 in C# Apress ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if

you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built

components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual

and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C#

developers. About the author Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor

Pages using routing 6	with Entity Framework Core 13	security 19
The binding model: Retrieving and validating user input 7	The MVC and Razor Pages filter pipeline 14	Building custom components 20
Rendering HTML using Razor views 8	Authentication: Adding users to your application with Identity 15	Building custom MVC and Razor Pages components 21
Building forms with Tag Helpers 9	Authorization: Securing your application 16	Calling remote APIs with IHttpClients 22
Creating a Web API for mobile and client applications using MVC	Publishing and deploying your application	Building background tasks and services 23
PART 2 - BUILDING COMPLETE APPLICATIONS	PART 3 - EXTENDING YOUR APPLICATIONS	Testing your application
10 Service configuration with dependency injection 11	17 Monitoring and troubleshooting errors with logging 18	Pro ASP.NET Core MVC
Configuring an ASP.NET Core application 12	Improving your application's	Apress
Saving data		The ASP.NET MVC Framework has always been a good platform on which to implement REST-based

services, but the introduction of the ASP.NET Web API Framework raised the bar to a whole new level. Now in release version 2.1, the Web API Framework has evolved into a powerful and refreshingly usable platform. This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST

services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations. How to handle non-resource APIs using REST How to best expose relationships between resources JSON Web Tokens, CORS, CSRF Get ready for authors Jamie Kurtz and Brian

Wortman to take you from zero to REST service hero in no time at all. No prior experience with ASP.NET Web API is required; all Web API-related concepts are introduced from basic principles and developed to the point where you can use them in a production system. A good working knowledge of C# and the .NET Framework are the only prerequisites to best benefit from this book.

**The
Complete
ASP.NET
Core 3 API
Tutorial**

Apress
Did you
volunteer to
create a Web
site for the
softball team?
Is it time to
take your
small business
to the next
level and let
your
customers
shop online?
Well, you can
relax!
ASP.NET 3.5
makes
creating a
dynamic site
faster and
cleaner than
ever before,
and ASP.NET
3.5 For
Dummies
makes it

easier. First,
you'll get an
introduction to
all the tools
and
terminology
you need to
understand
ASP.NET. If
you've used
earlier
versions of
ASP.NET and
Visual Web
Developer,
you can
probably skip
that part and
jump right into
what's new in
3.5. You'll
make friends
with LINQ and
SQL, create
sites in Visual
Web
Developer
2008 Express,
and much
more. Before
you know it,
you'll discover

how to:
Integrate
data, track
shopping cart
contents, and
whisk away
bugs Create
user
interfaces with
easy
navigation
Use the
ListView
control for
sophisticated
formatting
Write LINQ
queries Add a
table to a
database
Create an
event handler
Take
advantage of
the drag 'n'
drop feature
that lets you
write less
code Put all
the features to
work to
develop

dynamic Web applications The softball team is going to love that Web site, and your customers might enjoy shopping on your site so much that you'll have to expand your business to fill all the orders! We can't promise that, of course, but we're pretty sure that ASP.NET 3.5 For Dummies will make creating Web sites easier and a lot more fun.

Pro ASP.NET MVC 5 Platform
Simon and

Schuster
The Packt Beginner's Guide format is designed to make you as comfortable as possible. Using practical examples, this guide will walk you through the ins and outs of web application development with easy step-by-step instructions. If you want to build your own application but don't know where to start, then this is the book for you. With easy-to-follow, step-by-step and real-life examples, you will be

building your own applications in a matter of weeks not years.

Practical ASP.NET Web API
"O'Reilly Media, Inc."
Now in its 8th edition, Pro ASP.NET Core has been thoroughly updated for ASP.NET Core 3 and online for ASP.NET Core 5 and .NET 5.0. This comprehensive, full-color guide is the only book you need to learn ASP.NET Core development. Professional developers get ready to

produce leaner applications for the ASP.NET Core platform. This edition puts ASP.NET Core 3 into context, and takes a deep dive into the tools and techniques required to build modern, extensible web applications. New features and capabilities such as MVC 3, Razor Pages, Blazor Server, and Blazor WebAssembly are covered, along with demonstrations of how they can be applied

in practice. Following the same popular format and style found in previous editions, author Adam Freeman explains how to get the most out of ASP.NET Core 3. Starting with the nuts-and-bolts topics, he teaches readers about middleware components, built-in services, request model binding, and more. Moving along, he introduces increasingly more complex topics and advanced

features, including endpoint routing and dependency injection. Written for professionals wanting to incorporate the latest functionality of ASP.NET Core 3 into their projects, this book also serves as a complete reference on ASP.NET Core. Beginners with some background in Microsoft web development will also greatly benefit from the in-depth coverage provided throughout.

What You Will Learn: Build a solid foundation and skill set for working with the entire ASP.NET Core platform. Apply ASP.NET Core 3 and ASP.NET Core 5 features in your developer environment; plentiful reusable templates. See how to create RESTful web services, web applications, and client-side applications. Leverage existing knowledge to efficiently get up and running with new

programming models. Adam Freeman is an experienced IT professional who has held senior positions in a range of companies, most recently serving as chief technology officer and chief operating officer of a global bank. Now retired, he spends his time writing and long-distance running. "The Rolls-Royce of ASP.NET books, (or if you're American, the Cadillac). Very thorough!"

Les Jackson, MCSD, DotNet Playbook "The author's instruction is direct, easy to understand and supplemented with clear code examples... Whether you are a beginner learning ASP.NET Core 3.1 app development, or an experienced professional ready to master advanced concepts, I consider this book a 'must have' for you!"
Jeremy Likness, Senior Program

Manager, Microsoft
“...the best single resource for teaching MVC web apps using ASP.NET. “
Charles Carter, MSCS, MSwE, JD, Cloud Application Development Instructor, Microsoft Software and Systems Academy
Designing Evolvable Web APIs with ASP.NET
Simon and Schuster
Visual Studio 2017 updates for this book are now available.

Follow the Download Source Code link for this book on the Apress website. Now in its 6th edition, the best selling book on MVC is now updated for ASP.NET Core MVC. It contains detailed explanations of the new Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core

MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft’s ASP.NET web platform, built

on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful

extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings

everything up to date for the new ASP.NET Core MVC release. It presents a fully worked case study of a functioning ASP.NET MVC application that readers can use as a template for their own projects. What You Will Learn: Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development

work in action
Learn what's
new in
ASP.NET Core
MVC and how
best to apply
these new
features to
your own work
See how to
create RESTful
web services
and Single
Page
Applications
Build on your
existing
knowledge of
previous MVC
releases to
get up and
running with
the new
programming
model quickly
and effectively
Who This Book
Is For: This
book is for
web
developers
with a basic

knowledge of
ASP.NET and
C# who want
to incorporate
the latest
improvements
and
functionality
in the new
ASP.NET Core
MVC
Framework.
Pro ASP.NET
MVC 5 Apress
Summary
Entity
Framework
Core in Action
teaches you
how to access
and update
relational data
from .NET
applications.
Following the
crystal-clear
explanations,
real-world
examples, and
around 100
diagrams,
you'll discover

time-saving
patterns and
best practices
for security,
performance
tuning, and
unit testing.
Purchase of
the print book
includes a free
eBook in PDF,
Kindle, and
ePub formats
from Manning
Publications.
About the
Technology
There's a
mismatch in
the way OO
programs and
relational
databases
represent
data. Entity
Framework is
an object-
relational
mapper (ORM)
that bridges
this gap,
making it

radically easier to query and write to databases from a .NET application. EF creates a data model that matches the structure of your OO code so you can query and write to your database using standard LINQ commands. It will even automatically generate the model from your database schema. About the Book Using crystal-clear explanations, real-world examples, and around 100

diagrams, Entity Framework Core in Action teaches you how to access and update relational data from .NET applications. You'll start with a clear breakdown of Entity Framework, long with the mental model behind ORM. Then you'll discover time-saving patterns and best practices for security, performance tuning, and even unit testing. As you go, you'll address common data access

challenges and learn how to handle them with Entity Framework. What's Inside Querying a relational database with LINQ Using EF Core in business logic Integrating EF with existing C# applications Applying domain-driven design to EF Core Getting the best performance out of EF Core Covers EF Core 2.0 and 2.1 About the Reader For .NET developers with some awareness of

how relational databases work. About the Author Jon P Smith is a full-stack developer with special focus on .NET Core and Azure. Table of Contents	Configuring nonrelational properties	performance tuning
Part 1 - Getting started	Configuring relationships	Different database types and EF Core services
Introduction to Entity FrameworkCore Querying the database	Configuring advanced features and handling concurrency conflicts	Unit testing EF Core applications
Changing the database content Using EF Core in business logic	Going deeper into the DbContext	Appendix A - A brief introduction to LINQ
Using EF Core in ASP.NET Core web applications	Part 3 - Using Entity Framework Core in real-world applications	Appendix B - Early information on EF Core version 2.1
Part 2 - Entity Framework in depth	Useful software patterns for EF Core applications	<i>Pro C# 7</i> Apress
	Handling database migrations EF Core performance tuning A worked example of	Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP.NET platform. It

provides a standards-based approach and a high-productivity development model that makes it easy to deliver services to a wide-range of clients, including mobile devices. This book puts Web API into context for the experienced MVC Framework developer and dives deep into the tools and techniques required to build Web API applications that integrate with the MVC

Framework and shows you how to create single-page applications to consume them. Best-selling author Adam Freeman explains how to get the most from Web API 2 by building on the foundation of the MVC Framework and the ASP.NET platform. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you

the knowledge you need.

Pro Entity Framework Core 2 for ASP.NET Core MVC

Appress

The ASP.NET MVC 3

Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 4. In

this third edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# language features and unit-testing best practices. By gaining this

invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice. The book's authors Steve Sanderson and Adam Freeman have both watched the growth of ASP.NET MVC since its first release. Steve is a well-known blogger on the MVC Framework and a member of the Microsoft Web Platform and Tools team. Adam started

designing and building web applications 15 years ago and has been responsible for some of the world's largest and most ambitious projects. You can be sure you are in safe hands.

Entity Framework Core in Action Apress Model, map, and access data effectively with Entity Framework Core 2, the latest evolution of Microsoft's object-relational mapping framework.

You will access data utilizing .NET objects via the most common data access layer used in ASP.NET Core MVC 2 projects. Best-selling author Adam Freeman explains how to get the most from Entity Framework Core 2 in MVC projects. He begins by describing the different ways that Entity Framework Core 2 can model data and the different types of databases that can be used. He then

shows you how to use Entity Framework Core 2 in your own MVC projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of Entity Framework Core 2 Create

databases using your MVC data model Create MVC models using an existing database Access data in an MVC application using Entity Framework Core 2 Use Entity Framework in RESTful Web Services Who This Book Is For ASP.NET Core MVC 2 developers who want to use Entity Framework Core 2 as the data access layer in their projects [Programming ASP.NET Core, Programming](#)

ASP.NET Core
 Apress
 The ASP.NET
 MVC 5
 Framework is
 the latest
 evolution of
 Microsoft's
 ASP.NET web
 platform. It
 provides a
 high-
 productivity
 programming
 model that
 promotes
 cleaner code
 architecture,
 test-driven
 development,
 and powerful
 extensibility,
 combined with
 all the
 benefits of
 ASP.NET.
 ASP.NET MVC
 5 contains a
 number of
 advances over
 previous
 versions,

including the
 ability to
 define routes
 using C#
 attributes and
 the ability to
 override
 filters. The
 user
 experience of
 building MVC
 applications
 has also been
 substantially
 improved. The
 new, more
 tightly
 integrated,
 Visual Studio
 2013 IDE has
 been created
 specifically
 with MVC
 application
 development
 in mind and
 provides a full
 suite of tools
 to improve
 development
 times and
 assist in

reporting,
 debugging
 and deploying
 your code.
 The popular
 Bootstrap
 JavaScript
 library has
 also now been
 included
 natively within
 MVC 5
 providing you,
 the developer,
 with a wider
 range of multi-
 platform CSS
 and HTML5
 options than
 ever before
 without the
 penalty of
 having to
 load-in third
 party libraries.
Pro ASP.NET
 Core 6 Apress
 Explore the
 tools and
 techniques to
 build scalable
 and secured

RESTful web services and web applications using C# 8 and ASP.NET Core 3.1 Key Features Delve into MVC patterns, configuration, routing, and deployment to build professional-grade applications Learn how to integrate ASP applications with the JavaScript frameworks React, Vue, and Angular Improve the performance of applications and the development team by

implementing advanced ASP.NET Core concepts Book Description ASP.NET has been the preferred choice of web developers for a long time. With ASP.NET Core 3, Microsoft has made internal changes to the framework along with introducing new additions that will change the way you approach web development. This second edition has been thoroughly updated to help you make the most of

the latest features in the framework, right from gRPC and conventions to Blazor, which has a new chapter dedicated to it. You'll begin with an overview of the essential topics, exploring the Model-View-Controller (MVC) pattern, various platforms, dependencies, and frameworks. Next, you'll learn how to set up and configure the MVC environment, before delving into advanced

routing options. As you advance, you'll get to grips with controllers and actions to process requests, and later understand how to create HTML inputs for models. Moving on, you'll discover the essential aspects of syntax and processes when working with Razor. You'll also get up to speed with client-side development and explore the testing, logging, scalability, and security

aspects of ASP.NET Core. Finally, you'll learn how to deploy ASP.NET Core to several environments, such as Azure, Amazon Web Services (AWS), and Docker. By the end of the book, you'll be well versed in development in ASP.NET Core and will have a deep understanding of how to interact with the framework and work cross-platform. What you will learnUnderstand the new capabilities of ASP.NET Core

3.1 Become well versed in how to configure ASP.NET Core to use it to its full potentialCreate controllers and action methods, and understand how to maintain stateImplement and validate forms and retrieve information from themImprove productivity by enforcing reuse, process forms, and effective security measuresDelve into the new Blazor development modelDeploy

ASP.NET Core applications to new environments, such as Microsoft Azure, AWS, and Docker. Who this book is for: If you are a developer with basic knowledge of ASP.NET MVC and want to build powerful applications, then this book is for you. Developers who want to explore the latest changes in ASP.NET Core 3.1 to build professional-level applications will also find this book

useful. Familiarity with C#, ASP.NET Core, HTML, and CSS is expected to get the most out of this book. *ASP.NET Web API 2: Building a REST Service from Start to Finish* Packt Publishing Ltd. Welcome to the most comprehensive foundational guide available on the topic of C# coding and .NET. This book goes beyond “do this, to achieve this” to drill down into the core

stuff that makes a good developer, great. This expanded 11th edition delivers loads of new content on Entity Framework, Razor Pages, Web APIs and more. You will find the latest C# 10 and .NET 6 features served up with plenty of “behind the curtain” discussion designed to expand developers’ critical thinking skills when it comes to their craft. Coverage of ASP.NET Core,

<p>Entity Framework Core, and more sits alongside the latest updates to the new unified .NET platform, from performance improvements to Windows Desktop apps on .NET 6, updates in XAML tooling, and expanded coverage of data files and data handling. Going beyond the latest features in C# 10, all code samples are rewritten for this latest release. Dive in and discover why this essential classic is a</p>	<p>favorite of C# developers worldwide. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections, and numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). Pro C# 10 with .NET 6 will build your coding confidence putting C# into practice, and exploring the .NET universe and</p>	<p>its vast potential on your own terms. What You Will Learn Explore C# 10 features and updates in records and record structs, global and implicit using directives, file level namespaces, extended property patterns, and more Develop applications with C# and modern frameworks for services, web, and smart client applications Hit the ground running with ASP.NET Core web applications</p>
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using MVC and Razor Pages, including view components, custom tag helpers, custom validation, GDPR support, and areas Build ASP.NET RESTful services complete with versioning, enhanced swagger, and basic authentication Embrace Entity Framework Core for building real-world, data-centric applications, with deeply expanded coverage new to this edition

including SQL Server temporal table support Dive into Windows Desktop Apps on .NET 6 using Windows Presentation Foundation Understand the philosophy behind .NET Discover the new features in .NET 6, including single file applications, smaller container images, and more Who This Book Is For Developers of any level who want to either learn C# and .NET or want to take their

skills to the next level. “Amazing! Provides easy-to-follow explanations and examples. I remember reading the first version of this book; this is a ‘must-have’ for your collection if you are learning .NET!” – Rick McGuire, Senior Application Development Manager, Microsoft “Phil is a journeyman programmer who brings years of experience and a passion for teaching to make this fully

revised and modernized 'classic' a 'must-have'. Any developer who wants full-spectrum, up-to-date coverage of both the C# language and how to use it with .NET and ASP.NET Core should get this book." – Brian A. Randell, Partner, MCW Technologies and Microsoft MVP
ASP.NET MVC 4 and the Web API John Wiley & Sons
The power of ASP.NET MVC 5 stems from the underlying ASP.NET platform. To make your

ASP.NET MVC applications the best they can be, you need to fully understand the platform features and know how they can be used to build effective and elegant MVC framework applications. The ASP.NET platform provides ASP.NET MVC applications with a rich suite of services including vital every-day features like extensible request handling, state management, and user

authentication . Understanding how these features work is the difference between creating an average web application and the best-in-class. MVC applications that are architected with a thorough knowledge of the underlying platforms are faster to write, faster to run, and more readily adaptable to change. In Pro ASP.NET MVC 5 Platform, best-selling author Adam Freeman

explains how to get the most from the entire ASP.NET platform, beginning with a nuts-and-bolts description of the patterns and tools you need through to the most advanced features. He goes in-depth at every stage to give you the practical knowledge that you need to apply these concepts to your own code.

Pro ASP.NET 4.5 in VB

Apres
Use ASP.NET Core 2 to create durable

and cross-platform web APIs through a series of applied, practical scenarios.

Examples in this book help you build APIs that are fast and scalable. You'll progress from the basics of the framework through to solving the complex problems encountered in implementing secure RESTful services. The book is packed full of examples showing how Microsoft's ground-up

rewrite of ASP.NET Core 2 enables native cross-platform applications that are fast and modular, allowing your cloud-ready server applications to scale as your business grows. Major topics covered in the book include the fundamentals and core concepts of ASP.NET Core 2. You'll learn about building RESTful APIs with the MVC pattern using proven best practices and following the six principles of REST.

Examples in the book help in learning to develop world-class web APIs and applications that can run on any platform, including Windows, Linux, and MacOS. You can even deploy to Microsoft Azure and automate your delivery by implementing Continuous Integration and Continuous Deployment pipelines. What You Will Learn Incorporate automated API tooling such

as Swagger from the OpenAPI specification Standardize query and response formats using Facebook's GraphQL query language Implement security by applying authentication and authorization using ASP.NET Identity Ensure the safe storage of sensitive data using the data protection stack Create unit and integration tests to guarantee code quality

Who This Book Is For Developers who build server applications such as web sites and web APIs that need to run fast and cross platform; programmers who want to implement practical solutions for real-world problems; those who want in-depth knowledge of the latest bits of ASP.NET Core 2.0 *Asp.net Core 1.1 Web Api for Beginners* Apress Secure your ASP.NET applications

before you get hacked! This practical guide includes secure coding techniques with annotated examples and full coverage of built-in ASP.NET Core security tools. In ASP.NET Core Security, you will learn how to:

- Understand and recognize common web app attacks
- Implement attack countermeasures
- Use testing and scanning tools and libraries
- Activate built-in browser security features from

ASP.NET Take advantage of .NET and ASP.NET Core security APIs

Manage passwords to minimize damage from a data leak

Securely store application secrets

ASP.NET Core Security teaches you the skills and countermeasures you need to keep your ASP.NET Core apps secure from the most common web application attacks. With this collection of practical techniques, you will be able to anticipate

risks and introduce practices like testing as regular security checkups. You'll be fascinated as the author explores real-world security breaches, including rogue Firefox extensions and Adobe password thefts. The examples present universal security best practices with a sharp focus on the unique needs of ASP.NET Core applications. About the technology Your ASP.NET

Core applications are under attack now. Are you ready? There are specific countermeasures you can apply to keep your company out of the headlines. This book demonstrates exactly how to secure ASP.NET Core web applications, including safe browser interactions, recognizing common threats, and deploying the framework's unique security APIs. About the book ASP.NET

Core Security is a realistic guide to securing your web applications. It starts on the dark side, exploring case studies of cross-site scripting, SQL injection, and other weapons used by hackers. As you go, you'll learn how to implement countermeasures, activate browser security features, minimize attack damage, and securely store application secrets. Detailed ASP.NET Core

code samples in C# show you how each technique looks in practice. What's inside Understand and recognize common web app attacks Testing tools, helper libraries, and scanning tools Activate built-in browser security features Take advantage of .NET and ASP.NET Core security APIs Manage passwords to minimize damage from a data leak About the reader For experienced ASP.NET Core

web developers.	PART 3	15 Audit tools
About the author	SECURE DATA STORAGE 7	16 OWASP Top 10
Christian Wenz is a web pioneer, consultant, and entrepreneur.	Storing secrets 8	<u>Pro ASP.NET Core 3</u> Packt Publishing Ltd
Table of Contents	PART 4	ASP.NET Web API is a key part of ASP.NET MVC
1 FIRST STEPS	CONFIGURATION 9	4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices.
1 On web application security	HTTP headers 10	Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP.
2 MITIGATING COMMON ATTACKS	2 Error handling and health checks PART 5	
2 Cross-site scripting (XSS)	AUTHENTICATION AND AUTHORIZATION 12	
3 Attacking session management	Securing web applications with ASP.NET Core Identity 13	
4 Cross-site request forgery	5 APIs and single page applications PART 6	
5 Unvalidated data	6 SECURITY AS A PROCESS 14	
6 SQL injection (and other injections)	Secure dependencies	

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 Web 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 Web API. These SOAP-less security techniques are the focus of this book. [Pro ASP.NET MVC 4 Apress](#)

This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity

Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection,

generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's

lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core **Pro ASP.NET MVC 3 Framework** Apress This one hundred page book focuses exclusively on

how you can best use the ASP.NET MVC 4 Framework to build world-class REST services using the Web API. It sets aside much of what the ASP.NET MVC Framework can do, and focuses exclusively on how the Web API can help you build web services. You will not find any help on CSS, HTML, JavaScript, or jQuery. Nor will you find any help on the Razor view engine, HTML Helpers, or model

binding. If you need this information then Pro ASP.NET MVC 4 is your perfect book. ASP.NET MVC 4 and the Web API: Building a REST Service from Start to Finish helps you build cutting-edge REST services using ASP.NET MVC 4 and the Web API in more depth and detail than any other resource. ASP.NET MVC has always been a good platform on which to implement REST, but with

the advent of the Web API it has now become even better. This book will show you why it's great and how to get the most from it. Author Jamie Kurtz will take you from zero to full-blown REST service here in no time at all. And you'll even learn how to incorporate some popular open source tools along the way: little or no experience with ASP.NET or the MVC Framework is required.