



# ASP.NET Web API Security Essentials

By Rajesh Gunasundaram

Download now

Read Online 

**ASP.NET Web API Security Essentials** By Rajesh Gunasundaram

**Take the security of your ASP.NET Web 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 Web API 2.0 including the new features of ASP.NET Web API such as Cross-Origin Resource Sharing (CORS) and OWIN self-hosting
- Learn various techniques to secure ASP.NET Web 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 Web API

## Who This Book Is For

This book is intended for anyone who has previous knowledge of developing ASP.NET Web 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 Web API 2 that will help you to secure an ASP.NET Web 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 Web API services. We then cover ASP.NET Web 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 Web API, including using SSL client certificates, and integrate the ASP.NET Identity system with ASP.NET Web 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 Web 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.

 [Download ASP.NET Web API Security Essentials ...pdf](#)

 [Read Online ASP.NET Web API Security Essentials ...pdf](#)

# ASP.NET Web API Security Essentials

*By Rajesh Gunasundaram*

ASP.NET Web API Security Essentials By Rajesh Gunasundaram

**Take the security of your ASP.NET Web 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 Web API 2.0 including the new features of ASP.NET Web API such as Cross-Origin Resource Sharing (CORS) and OWIN self-hosting
- Learn various techniques to secure ASP.NET Web 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 Web API

## Who This Book Is For

This book is intended for anyone who has previous knowledge of developing ASP.NET Web 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 Web API 2 that will help you to secure an ASP.NET Web 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 Web API services. We then cover ASP.NET Web 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 Web API, including using SSL client certificates, and integrate the ASP.NET Identity system with ASP.NET Web 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 Web 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.

### ASP.NET Web API Security Essentials By Rajesh Gunasundaram Bibliography

- Sales Rank: #1307647 in eBooks
- Published on: 2015-11-27
- Released on: 2015-11-27
- Format: Kindle eBook

 [Download ASP.NET Web API Security Essentials ...pdf](#)

 [Read Online ASP.NET Web API Security Essentials ...pdf](#)

### Editorial Review

About the Author

#### **Rajesh Gunasundaram**

Rajesh Gunasundaram is a software architect, technical writer and blogger. He has over 13 years of experience in the IT industry, with more than 10 years using Microsoft's .NET and 2 years of using BizTalk Server, and a year of iOS application development. Rajesh is a founder and an editor of technical blogs: [www.programmerguide.net](http://www.programmerguide.net) and [www.ioscorner.com](http://www.ioscorner.com). You can find many of his technical writings on .NET and iOS. Rajesh holds a master's degree in computer application and began his career as a software engineer in the year 2002. He has worked on client premises located in various countries, such as the UK, Belarus, and Norway. He is also experienced in developing mobile applications for iPhone and iPad. His technical strengths include Objective-C, C#, ASP.NET MVC, Web API, WCF, .Net Framework 4.5, AngularJS, BizTalk, SQL Server, REST, SOA, design patterns, and software architecture.

### Users Review

**From reader reviews:**

#### **Joyce Adam:**

What do you concerning book? It is not important together with you? Or just adding material when you want something to explain what yours problem? How about your spare time? Or are you busy person? If you don't have spare time to do others business, it is make one feel bored faster. And you have free time? What did you do? Every person has many questions above. They must answer that question due to the fact just their can do that. It said that about e-book. Book is familiar in each person. Yes, it is suitable. Because start from on guardería until university need this specific ASP.NET Web API Security Essentials to read.

#### **Carlton Solley:**

Playing with family in a very park, coming to see the water world or hanging out with close friends is thing that usually you may have done when you have spare time, subsequently why you don't try issue that really opposite from that. 1 activity that make you not feeling tired but still relaxing, trilling like on roller coaster you are ride on and with addition details. Even you love ASP.NET Web API Security Essentials, you can enjoy both. It is great combination right, you still wish to miss it? What kind of hang type is it? Oh can occur its mind hangout folks. What? Still don't understand it, oh come on its known as reading friends.

#### **Jessica Hurst:**

Beside this specific ASP.NET Web API Security Essentials in your phone, it can give you a way to get more close to the new knowledge or info. The information and the knowledge you are going to got here is fresh in the oven so don't possibly be worry if you feel like an outdated people live in narrow village. It is good thing to have ASP.NET Web API Security Essentials because this book offers to you readable information. Do

you sometimes have book but you don't get what it's all about. Oh come on, that will not happen if you have this within your hand. The Enjoyable option here cannot be questionable, just like treasuring beautiful island. So do you still want to miss the item? Find this book in addition to read it from currently!

### **Sanjuanita Mecham:**

This ASP.NET Web API Security Essentials is brand-new way for you who has interest to look for some information since it relief your hunger associated with. Getting deeper you upon it getting knowledge more you know or perhaps you who still having small amount of digest in reading this ASP.NET Web API Security Essentials can be the light food for yourself because the information inside this book is easy to get by anyone. These books produce itself in the form and that is reachable by anyone, that's why I mean in the e-book application form. People who think that in e-book form make them feel tired even dizzy this e-book is the answer. So there isn't any in reading a publication especially this one. You can find actually looking for. It should be here for a person. So , don't miss that! Just read this e-book style for your better life and also knowledge.

**Download and Read Online ASP.NET Web API Security Essentials  
By Rajesh Gunasundaram #OBKSXMH014D**

## **Read ASP.NET Web API Security Essentials By Rajesh Gunasundaram for online ebook**

ASP.NET Web API Security Essentials By Rajesh Gunasundaram Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read ASP.NET Web API Security Essentials By Rajesh Gunasundaram books to read online.

### **Online ASP.NET Web API Security Essentials By Rajesh Gunasundaram ebook PDF download**

**ASP.NET Web API Security Essentials By Rajesh Gunasundaram Doc**

**ASP.NET Web API Security Essentials By Rajesh Gunasundaram Mobipocket**

**ASP.NET Web API Security Essentials By Rajesh Gunasundaram EPub**

**OBKSXMH014D: ASP.NET Web API Security Essentials By Rajesh Gunasundaram**