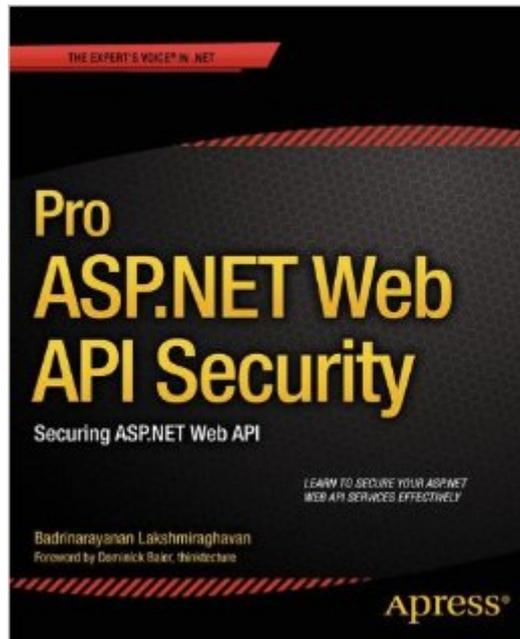# Pro ASP.NET Web API Security: Securing ASP.NET Web API (Expert's Voice In .NET)

Synopsis

ASP.NET Web 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 youâ ™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 â " if it can understand HTTP, then it can be secured by Web API. These SOAP-less security techniques are the focus of this book.

Book Information

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Customer Reviews

This is a fantastic and thorough book, which was exactly what I wanted.Far and away, my favorite part about this book is the depth to which it explains the technologies that underlie both ASP.NET Web API (namely HTTP) and security, for example X.509 certificates, Federation services, hashing, digital signing and encryption. At every step of the way real code is presented to either use the facilities described or to implement the services in question (even though the implementations are

sometimes just for illustration, and not full implementations of production quality systems).I would flat-out recommend this book to anyone who needs or would like to learn about web technology security. Although you'll have to put up with a little Web API material you might not be specifically interested in, 90% of the book is relevant to all web programming. And even if you aren't interested much in Web API - read it cover to cover anyway. The essence of RESTful web services is leveraging the power of HTTP - which underlies most web related programming I've encountered. And even though the book doesn't specifically address technologies like JSON, CORS, ETags and Cookies, their role in web programming is illuminated though the context of securing Web API, which should help the reader understand these and other subject from a perspective not always addressed in other sources.Let me stress - much of this book is not specific to Web API. In fact, if you only wanted to secure a web-enabled application of any type, most of this book applies to what you're trying to do. That having been said, if you do need to work on a Web API application, you'll find everything you need right here.I can tell you that before reading this book, I had played with OAuth 2.

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