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Second Edition

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Chao Zhang

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Writing Secure Code Michael Howard,David LeBlanc,2003 Howard and LeBlanc both are security experts with Microsoft discuss the need for security and outline its general principles before outlining secure coding techniques Testing installation documentation and error messages are also covered Appendices discuss dangerous APIs dismiss pathetic excuses and provide security checklists The book explains how systems can be attacked uses anecdotes to illustrate common mistakes and offers advice on making systems secure Annotation copyrighted by Book News Inc Portland OR **Writing Secure Code** Microsoft Press,Michael Howard,2002-10-11 Discover the best practices for writing secure code and stopping malicious hackers in their tracks direct from the top security experts at Microsoft Keep black hat hackers at bay with the tips and techniques in this entertaining eye opening book Developers will learn how to padlock their applications throughout the entire development process from designing secure applications to writing robust code that can withstand repeated attacks to testing applications for security flaws Short easily digested chapters reveal proven principles strategies and coding techniques The authors two battle scarred veterans who have solved some of the industry s toughest security problems provide sample code in several languages This edition includes updated information about threat modeling designing a security process international issues file system issues adding privacy to applications and performing security code reviews It also includes enhanced coverage of buffer overruns Microsoft R NET security and Microsoft ActiveX R development plus practical checklists for developers testers and program managers **Programming Windows Identity Foundation** Vittorio Bertocci,2010-09-15 Get hands on guidance designed to help you put the newest NET Framework component Windows Identity Foundation the identity and access logic for all on premises and cloud development to work **ASP.NET Core 5 Secure Coding Cookbook** Roman Canlas,Ed Price,2021-07-16 Learn how to secure your ASP NET Core web app through robust and secure code Key FeaturesDiscover the different types of security weaknesses in ASP NET Core web applications and learn how to fix themUnderstand what code makes an ASP NET Core web app unsafeBuild your secure coding knowledge by following straightforward recipesBook Description ASP NET Core developers are often presented with security test results showing the vulnerabilities found in their web apps While the report may provide some high level fix suggestions it does not specify the exact steps that you need to take to resolve or fix weaknesses discovered by these tests In ASP NET Secure Coding Cookbook you ll start by learning the fundamental concepts of secure coding and then gradually progress to identifying common web app vulnerabilities in code As you progress you ll cover recipes for fixing security misconfigurations in ASP NET Core web apps The book further demonstrates how you can resolve different types of Cross Site Scripting A dedicated section also takes you through fixing miscellaneous vulnerabilities that are no longer in the OWASP Top 10 list This book features a recipe style format with each recipe containing sample unsecure code that presents the problem and corresponding solutions to eliminate the security bug You ll be able to follow along with each step of the exercise and use the

accompanying sample ASP NET Core solution to practice writing secure code By the end of this book you ll be able to identify unsecure code causing different security flaws in ASP NET Core web apps and you ll have gained hands on experience in removing vulnerabilities and security defects from your code What you will learnUnderstand techniques for squashing an ASP NET Core web app security bugDiscover different types of injection attacks and understand how you can prevent this vulnerability from being exploitedFix security issues in code relating to broken authentication and authorizationEliminate the risks of sensitive data exposure by getting up to speed with numerous protection techniquesPrevent security misconfiguration by enabling ASP NET Core web application security featuresExplore other ASP NET web application vulnerabilities and secure coding best practicesWho this book is for This ASP NET Core book is for intermediate level ASP NET Core web developers and software engineers who use the framework to develop web applications and are looking to focus on their security using coding best practices The book is also for application security engineers analysts and specialists who want to know more about securing ASP NET Core using code and understand how to resolve issues identified by the security tests they perform daily   **Beginning ASP.NET Security** Barry Dorrans,2010-04-27 Programmers protect and defend your Web apps against attack You may know ASP NET but if you don t understand how to secure your applications you need this book This vital guide explores the often overlooked topic of teaching programmers how to design ASP NET Web applications so as to prevent online thefts and security breaches You ll start with a thorough look at ASP NET 3 5 basics and see happens when you don t implement security including some amazing examples The book then delves into the development of a Web application walking you through the vulnerable points at every phase Learn to factor security in from the ground up discover a wealth of tips and industry best practices and explore code libraries and more resources provided by Microsoft and others Shows you step by step how to implement the very latest security techniques Reveals the secrets of secret keeping encryption hashing and not leaking information to begin with Delves into authentication authorizing and securing sessions Explains how to secure Web servers and Web services including WCF and ASMX Walks you through threat modeling so you can anticipate problems Offers best practices techniques and industry trends you can put to use right away Defend and secure your ASP NET 3 5 framework Web sites with this must have guide   *Software Design and Development: Concepts, Methodologies, Tools, and Applications* Management Association, Information Resources,2013-07-31 Innovative tools and techniques for the development and design of software systems are essential to the problem solving and planning of software solutions Software Design and Development Concepts Methodologies Tools and Applications brings together the best practices of theory and implementation in the development of software systems This reference source is essential for researchers engineers practitioners and scholars seeking the latest knowledge on the techniques applications and methodologies for the design and development of software systems   *Open Enterprise Security Architecture O-ESA* Gunnar Petersen,Stefan Wahe,2020-06-11 Information Security professionals today have to be able to demonstrate their security

strategies within clearly demonstrable frameworks and show how these are driven by their organization s business priorities derived from sound risk management assessments This Open Enterprise Security Architecture O ESA Guide provides a valuable reference resource for practising security architects and designers explaining the key security issues terms principles components and concepts underlying security related decisions that security architects and designers have to make In doing so it helps in explaining their security architectures and related decision making processes to their enterprise architecture colleagues The description avoids excessively technical presentation of the issues and concepts so making it also an eminently digestible reference for business managers enabling them to appreciate validate and balance the security architecture viewpoints along with all the other viewpoints involved in creating a comprehensive enterprise IT architecture

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