

1. Record Nr.	UNINA9910812392503321
Autore	Merkow Mark S.
Titolo	Secure and resilient software development // Mark S. Merkow, Lakshmikanth Raghavan
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2010
ISBN	0-429-15214-0 1-4987-5961-0 1-4398-2697-8
Edizione	[1st edition]
Descrizione fisica	1 online resource (385 p.)
Altri autori (Persone)	RaghavanLakshmikanth
Disciplina	005.8
Soggetti	Computer software - Development Computer software - Reliability Computer security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	An Auerback book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Preface; About the Authors; Acknowledgments; Chapter 1: How Does Software Fail Thee? Let Us Count the Ways; Chapter 2: Characteristics of Secure and Resilient Software; Chapter 3: Security and Resilience in the Software Development Life Cycle; Chapter 4: Proven Best Practices for Resilient Applications; Chapter 5: Designing Applications for Security and Resilience; Chapter 6: Programming Best Practices; Chapter 7: Special Considerations for Embedded Systems, Cloud Computing, and Mobile Computing Devices Chapter 8: Security Testing of Custom Software ApplicationsChapter 9: Testing Commercial off-the-Shelf Systems; Chapter 10: Implementing Security and Resilience Using CLASP; Chapter 11: Metrics and Models for Security and Resilience Maturity; Chapter 12: Taking It to the Streets; Glossary; Appendix A: 2010 CWE/SANS Top 25 Most Dangerous Programming Errors; Appendix B: Enterprise Security API
Sommario/riassunto	Although many software books highlight open problems in secure software development, few provide easily actionable, ground-level solutions. Breaking the mold, Secure and Resilient Software Development teaches you how to apply best practices and standards

for consistent and secure software development. It details specific quality software development strategies and practices that stress resilience requirements with precise, actionable, and ground-level inputs. Providing comprehensive coverage, the book illustrates all phases of the secure software development life cycle. It shows developers how
