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Autore	De Ryck Philippe
Titolo	Primer on Client-Side Web Security // by Philippe De Ryck, Lieven Desmet, Frank Piessens, Martin Johns
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Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (119 p.)
Collana	SpringerBriefs in Computer Science, , 2191-5768
Disciplina	005.8
Soggetti	Computer security Electrical engineering Application software Systems and Data Security Communications Engineering, Networks Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	The Relevance of Client-side Web Security -- Traditional Building Blocks of the Web -- The Browser as a Platform -- How Attackers Threaten the Web -- Attacks on the Network -- Attacks on the Browser's Requests -- Attacks on the User's Session -- Attacks on the Client-Side Context -- Attacks on the Client Device -- Improving Client-side Web Security.
Sommario/riassunto	This volume illustrates the continuous arms race between attackers and defenders of the Web ecosystem by discussing a wide variety of attacks. In the first part of the book, the foundation of the Web ecosystem is briefly recapped and discussed. Based on this model, the assets of the Web ecosystem are identified, and the set of capabilities an attacker may have are enumerated. In the second part, an overview of the web security vulnerability landscape is constructed. Included are selections of the most representative attack techniques reported in great detail. In addition to descriptions of the most common mitigation techniques, this primer also surveys the research and standardization activities related to each of the attack techniques, and gives insights

into the prevalence of those very attacks. Moreover, the book provides practitioners a set of best practices to gradually improve the security of their web-enabled services. *Primer on Client-Side Web Security* expresses insights into the future of web application security. It points out the challenges of securing the Web platform, opportunities for future research, and trends toward improving Web security.
