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	Titolo	Understanding Network Hacks : Attack and Defense with Python / / by Bastian Ballmann
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
	ISBN	3-662-44437-2
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (187 p.)
	Disciplina	004 004.6 005.1 005.13 005.8 621.39
	Soggetti	Computer communication systems Computer engineering Computer security Programming languages (Electronic computers) Software engineering Computer Communication Networks Computer Engineering Systems and Data Security Programming Languages, Compilers, Interpreters Software Engineering Software Engineering/Programming and Operating Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Translation from the German language edition "Network Hacks - Intensivkurs", © Springer -Verlag, 2012.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Installation -- Networks 4 newbies -- Python Basics -- Layer 2 attacks -- TCP / IP Tricks -- WHO IS DNS? -- HTTP Hacks -- Wifi fun -- Feeling Bluetooth on the Tooth -- Bargain Box Kung Fu -- Scapy Reference -- Secondary Links -- Index.
	Sommario/riassunto	This book explains how to see one's own network through the eyes of

an attacker, to understand their techniques and effectively protect against them. Through Python code samples the reader learns to code tools on subjects such as password sniffing, ARP poisoning, DNS spoofing, SQL injection, Google harvesting and Wifi hacking. Furthermore the reader will be introduced to defense methods such as intrusion detection and prevention systems and log file analysis by diving into code.