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Descrizione fisica	1 online resource (XII, 281 p. 234 illus., 60 illus. in color.)
Collana	Security and Cryptology ; ; 12223
Disciplina	005.8
Soggetti	Computer security Computers Computer organization Data encryption (Computer science) Software engineering Law and legislation Systems and Data Security Information Systems and Communication Service Computer Systems Organization and Communication Networks Cryptology Software Engineering/Programming and Operating Systems Legal Aspects of Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Vulnerability Discovery and Analysis -- Automated CPE labeling of CVE summaries with Machine Learning -- Backstabber's Knife Collection: A Review of Open Source Software Supply Chain Attacks -- Putting Attacks in Context: A Building Automation Testbed for Impact Assessment from the Victim's Perspective -- Attacks -- Fast and Furious: Outrunning Windows Kernel Notification Routines from User- Mode -- HAEPG: An Automatic Multi-hop Exploitation Generation Framework -- Understanding Android VoIP Security: A System-level

Vulnerability Assessment -- Web Security -- Web Runner 2049:
Evaluating Third-Party Anti-bot Services -- Short Paper - Taming The
Shape Shifter: Detecting Anti-fingerprinting Browsers -- It Never Rains
but It Pours: Analyzing and Detecting Fake Removal Information
Advertisement Sites -- On the Security of Application Installers &
Online Software Repositories -- Detection and Containment --
Distributed Heterogeneous N-Variant Execution -- Sec2graph: Network
Attack Detection based on Novelty Detection on Graph Structured Data
-- Efficient Context-Sensitive CFI Enforcement through a Hardware
Monitor.

Sommario/riassunto

This book constitutes the proceedings of the 17th International
Conference on Detection of Intrusions and Malware, and Vulnerability
Assessment, DIMVA 2020, held in Lisbon, Portugal, in June 2020.* The
13 full papers presented in this volume were carefully reviewed and
selected from 45 submissions. The contributions were organized in
topical sections named: vulnerability discovery and analysis; attacks;
web security; and detection and containment. *The conference was held
virtually due to the COVID-19 pandemic.
