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Soggetti	Computer security Computer crimes Computers Operating systems (Computers) Computer organization Systems and Data Security Computer Crime Computing Milieux Operating Systems Information Systems and Communication Service Computer Systems Organization and Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Wild Wild Web -- Wild Extensions: Discovering and Analyzing Unlisted Chrome Extensions -- New Kid on the Web: A Study on the Prevalence of WebAssembly in the Wild -- Morellian Analysis for Browsers: Making Web Authentication Stronger With Canvas Fingerprinting -- On the Perils of Leaking Referrers in Online Collaboration Services -- Cyber-Physical Systems -- Detecting, Fingerprinting and Tracking Reconnaissance Campaigns Targeting Industrial Control Systems -- Overshadow PLC to Detect Remote Control-Logic Injection Attacks -- A

Security Evaluation of Industrial Radio Remote Controllers --
Understanding the Security of Traffic Signal Infrastructure -- Malware
-- Practical Enclave Malware with Intel SGX -- How does Malware Use
RDTSC? A Study on Operations Executed by Malware for CPU Cycle
Measurement -- On Deception-Based Protection Against Cryptographic
Ransomware -- PowerDrive: Accurate De-Obfuscation and Analysis of
PowerShell Malware -- Software Security and Binary Analysis --
Memory Categorization: Separating Attacker-Controlled Data --
TypeMiner: Recovering Types in Binary Programs using Machine
Learning -- SAFE: Self-Attentive Function Embeddings for Binary
Similarity -- Triggerflow: Regression Testing by Advanced Execution
Path Inspection -- Network Security -- Large-scale Analysis of
Infrastructure-leaking DNS Servers -- Security In Plain TXT: Observing
the Use of DNS TXT Records in the Wild -- No Need to Marry to Change
Your Name! Attacking Profinet IO Automation Networks Using DCP --
DPX: Data-Plane eXtensions for SDN Security Service Instantiation --
Attack Mitigation -- Practical Password Hardening based on TLS -- Role
Inference + Anomaly Detection = Situational Awareness in BACnet
Networks -- BinTrimmer: Towards Static Binary Debloating through
Abstract Interpretation.

Sommario/riassunto

This book constitutes the proceedings of the 16th International
Conference on Detection of Intrusions and Malware, and Vulnerability
Assessment, DIMVA 2019, held in Gothenburg, Sweden, in June 2019.
The 23 full papers presented in this volume were carefully reviewed and
selected from 80 submissions. The contributions were organized in
topical sections named: wild wild web; cyber-physical systems;
malware; software security and binary analysis; network security; and
attack mitigation. .
