1.	Record Nr.	UNINA9910484356103321
	Titolo	Detection of Intrusions and Malware, and Vulnerability Assessment : 6th International Conference, DIMVA 2009, Milan, Italy, July 9-10, 2009. Proceedings / / edited by Ulrich Flegel, Danilo Bruschi
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
	ISBN	3-642-02918-3
	Edizione	[1st ed. 2009.]
	Descrizione fisica	1 online resource (X, 225 p.)
	Collana	Security and Cryptology, , 2946-1863 ; ; 5587
	Classificazione	DAT 460f SS 4800
	Altri autori (Persone)	BruschiDanilo FlegelUlrich
	Disciplina	004n/a
	Soggetti	Cryptography Data encryption (Computer science) Electronic data processing - Management Computer networks Data protection Computers and civilization Cryptology IT Operations Computer Communication Networks Data and Information Security Computers and Society
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Malware and SPAM -- A Case Study on Asprox Infection Dynamics -- How Good Are Malware Detectors at Remediating Infected Systems? -- Towards Proactive Spam Filtering (Extended Abstract) -- Emulation-Based Detection -- Shepherding Loadable Kernel Modules through On-demand Emulation -- Yataglass: Network-Level Code Emulation for Analyzing Memory-Scanning Attacks -- Defending Browsers against Drive-by Downloads: Mitigating Heap-Spraying Code Injection Attacks -- Software Diversity -- Polymorphing Software by Randomizing Data

Structure Layout -- On the Effectiveness of Software Diversity: A Systematic Study on Real-World Vulnerabilities -- Harnessing Context -- Using Contextual Information for IDS Alarm Classification (Extended Abstract) -- Browser Fingerprinting from Coarse Traffic Summaries: Techniques and Implications -- A Service Dependency Modeling Framework for Policy-Based Response Enforcement -- Anomaly Detection -- Learning SQL for Database Intrusion Detection Using Context-Sensitive Modelling (Extended Abstract) -- Selecting and Improving System Call Models for Anomaly Detection.

Sommario/riassunto	This book constitutes the refereed proceedings of the 6th International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment, DIMVA 2009, held in Milan, Italy, in July 2009. The 10 revised full papers presented together with three extended abstracts were carefully selected from 44 initial submissions. The papers are organized in topical sections on malware and SPAM, emulation-based detection, software diversity, harnessing context, and anomaly detection.