1. Record Nr. UNINA9910583009303321

Titolo	Security and resilience in intelligent data-centric systems and communication networks / / edited by Massimo Ficco, Universita degli Studi della Campania Luigi Venvitelli, Italy, Francesco Palmieri, University of Salerno, Italy
Pubbl/distr/stampa	Cambridge, Massachusetts : , : Elsevier, , [2018] 2018
ISBN	0-12-811374-X 0-12-811373-1
Descrizione fisica	1 online resource (xiv, 351 pages) : illustrations (some color)
Collana	Intelligent Data Centric Systems
Disciplina	005.8
Soggetti	Computer security Computer networks - Security measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	ch. 1. Dependability of container-based data-centric systems -- ch. 2. Risk assessment and monitoring in intelligent data-centric systems -- ch. 3. The cyber security challenges in the IoT era -- ch. 4. IoT and sensor networks security -- ch. 5. Smart access control models in sensor network -- ch. 6. Smart sensor and big data security and resilience -- ch. 7. Load balancing algorithms and protocols to enhance quality of service and performance in data of WSN -- ch. 8. Machine learning techniques for threat modeling and detection -- ch. 9. Cognitive distributed application area networks -- ch. 10. A novel cloud-based IoT architecture for smart building automation -- ch. 11. Monitoring data security in the cloud : a security SLA-based approach -- ch. 12. Hardening iOS devices against remote forensic investigation -- ch. 13. Path loss algorithms for data resilience in wireless body area networks for healthcare framework -- ch. 14. Designing resilient and secure large-scale crisis information systems.
Sommario/riassunto	This book presents research in theoretical and practical resilience and security aspects of intelligent data-centric critical systems and networks. It also analyzes concepts and technologies that are

successfully used in the implementation of intelligent data-centric critical systems and communication networks, touching on future developments.