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Descrizione fisica	1 online resource (X, 193 p. 50 illus.)
Collana	Security and Cryptology ; ; 8448
Disciplina	005.8
Soggetti	Computer security Computers and civilization Management information systems Computer science Operating systems (Computers) Systems and Data Security Computers and Society Management of Computing and Information Systems Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Security and Privacy in Smart Grid Demand Response Systems -- Distributed MILS Architectural Approach for Secure Smart Grids -- Determining the Probability of Smart Grid Attacks by Combining -- Attack Tree and Attack Graph Analysis -- Selective release of smart metering data in multi-domain smart grids -- Redactable Signatures to Control the Maximum Noise for Differential Privacy in the Smart Grid -- A Threat Analysis Methodology for Smart Home Scenarios -- A Privacy-friendly Framework for Vehicle-to-Grid Interactions -- Reactive Security for Smart Grids -- Privacy in Residential Demand Side Management Applications -- Enhancing Problem Frames with Trust and Reputation for Analyzing Smart Grid Security Requirements -- CryPLH: Protecting smart energy systems from targeted attacks with a PLC honeypot.

This book constitutes the thoroughly refereed post-conference proceedings of the Second International Workshop on Smart Grid Security, SmartGridSec 2014, held in Munich, Germany, in February 2014. The volume contains twelve corrected and extended papers presented at the workshop which have undergone two rounds of reviewing and improvement. The engineering, deployment and operation of the future Smart Grid will be an enormous project that will require the active participation of many stakeholders with different interests and views regarding the security and privacy goals, technologies, and solutions. There is an increasing need for workshops that bring together researchers from different communities, from academia and industry, to discuss open research topics in the area of future Smart Grid security.

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