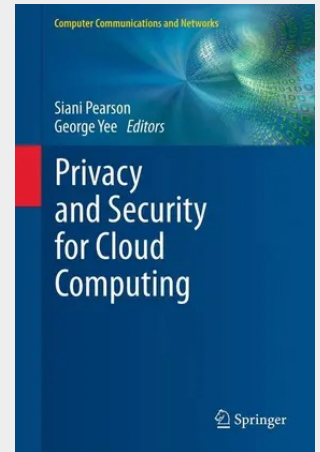


Privacy and Security for Cloud Computing

This book analyzes the latest advances in privacy, security and risk technologies within cloud environments. With contributions from leading experts, the text presents both a solid overview of the field and novel, cutting-edge research. A Glossary is also included at the end of the book. Topics and features: considers the various forensic challenges for legal access to data in a cloud computing environment; discusses privacy impact assessments for the cloud, and examines the use of cloud audits to attenuate cloud security problems; reviews conceptual issues, basic requirements and practical suggestions for provisioning dynamically configured access control services in the cloud; proposes scoped invariants as a primitive for analyzing a cloud server for its integrity properties; investigates the applicability of existing controls for mitigating information security risks to cloud computing environments; describes risk management for cloud computing from an enterprise perspective.

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106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781447157939

Medium: Buch

ISBN: 978-1-4471-5793-9

Verlag: Springer

Erscheinungstermin: 21.09.2014

Sprache(n): Englisch

Auflage: 2013

Serie: Computer Communications and Networks

Produktform: Kartoniert

Gewicht: 493 g

Seiten: 308

Format (B x H): 155 x 235 mm

