Security Engineering for Cloud Computing: Approaches and Tools

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Applying software engineering to Cloud computing is a primary aspect to obtain a systematic approach to the development, operation and maintenance of software. As a result, there is a need to examine and propose security solutions for cloud computing in order to improve the quality and security of all services, applications, and tools based on cloud computing.

Security Engineering for Cloud Computing: Approaches and Tools provides a theoretical and academic description of Cloud security issues, methods, tools and trends for developing secure software for Cloud services and applications. This book is a comprehensive collection including a wide range of existing problems and challenges that would be useful in both the academic and research world.

Topics Covered:
- Agile software development
- Cloud Computing
- Cloud systems
- Developments of cloud systems
- Security analysis
- Security challenges
- Security Goals
- Security Risks
- Software engineering

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

David G. Rosado has an MSc and PhD in Computer Science from the University of Málaga (Spain) and from the University of Castilla-La Mancha (Spain), respectively. His research activities are focused on security for Information Systems and Cloud Computing. He has published several papers in national and international conferences on these subjects, and he is co-editor of a book and chapter books. Author of several manuscripts in national and international journals (Information Software Technology, System Architecture, Network and Computer Applications, etc.), He is a member of the GSyA research group of the Information Systems and Technologies Department at the University of Castilla-La Mancha, in Ciudad Real, Spain.
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