

# Analysis of Security Issues in Cloud Based E-Learning, 2012, 9783848407354, Lap Lambert Academic Publishing GmbH KG, 2012, Gunasekar Kumar, Anirudh Chelikani

Based on this analysis we derive a detailed specification of the cloud security problem and key features that should be covered by any proposed security solution. Cloud computing is a new computational paradigm that offers an innovative business model for organizations to adopt IT without upfront investment. [...] Key Result Based on this analysis we derive a detailed specification of the cloud security problem and key features that should be covered by any proposed security solution. Expand Abstract. View PDF on arXiv. An Empirical Analysis of Security Issues in Cloud Environment. R. Pandey, A. Chaturvedi. Computer Science. Keywords: cloud computing; cloud security; security threats; cybersecurity; machine learning; network-based attacks; VM-based attacks; storage-based attacks; application-based attacks cloud computing; cloud security; security threats; cybersecurity; machine learning; network-based attacks; VM-based attacks; storage-based attacks; application-based attacks. The purpose of this paper is to present an analysis of the legal issues and security threats in distributed computing using ML algorithms. The definition of cloud computing is mainly based on five characteristics: multi-tenancy (shared resources), massive scalability, elasticity, pay as you go, and self-provisioning of resources. Cloud computing is a system, where the shared resource is used by the data center virtualization technology (Hassan, 2011), such that it provides elastic, on demand and instant services to its customers and charges them based on the resources they use. There are many security issues and challenges which we are faced in, so we should analyses for cloud computing situations. Cloud computing is a system, where the resources of a data center are shared using virtualization technology, such that it provides elastic, on Sample PDF. However security is a major concern in cloud based e-learning. Therefore security measures are unavoidable to prevent the loss of users' valuable data from the security vulnerabilities. This paper investigates various security issues involved in cloud based e-learning technology with an aim to suggest remedial in the form of security measures and security management standards. These will help to overcome the security threats in cloud based e-learning technology. Solving the key problems will also encourage the widespread adoption of cloud computing in educational institutes. Keywords. Cloud Co This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. This is a project-based book with extensive hands-on assignments. What you will learn Understand cloud security concepts Get to grips with managing cloud identities Adopt the Azure security cloud infrastructure Grasp Azure network security concepts Discover how to keep cloud resources secure Implement cloud governance with security policies and rules Who this book is for This book is for Azure cloud professionals, Azure architects, and security professionals looking to implement secure cloud.