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# Auditing Security for the Cloud

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## Abstract

*Following the pattern of any major paradigm shift in the history of computing, the migration to cloud-based computing has known both praise and criticism. As its advantages, especially for the small and medium-sized companies, are too obvious to be doubted or questioned, the critics mainly focus on the drawbacks. Among the drawbacks, security is considered to be the most important.*

*The paper proposes an outline of the real image behind the many cloud computing security-related myths and misconceptions that an auditor has to deal with. The research is based on the literature review in the field of cloud-based computing and it is built starting from a synthesis of results achieved by means of a thorough analysis of the recent opinions and experience of Romanian and foreign auditors that were available for interviews. The main purpose of the paper is to find whether cloud-systems are more or less secure than traditional in-house systems from an auditor's perspective. The paper is part of a broader research process in the field of cloud computing and the neighboring technologies.*

**Keywords:** Cloud computing security, Software as a Service, Platform as a Service, Infrastructure as a Service, Security audit

**JEL Classification:** L86

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