Secure and Practical Outsourcing of Linear Programming in Cloud Computing: A Survey

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Abstract

How to protect the data that is processed and generated by the customers, is becoming the major concern in the present day situation. Various engineering, computing and optimization techniques are being used to solve this problem. The investigation has been performed for secure outsourcing of problem for the large-scale systems. In this paper, the essential terms involved in the cloud security has been presented. Whereas, the privacy cheating discouragement "Seccloud", is used for achieving the greater aspects of security. Although the cloud computing is being used to outsource large-scale computations to the cloud, data privacy has become a major issue. In this paper, the modern cryptographic techniques in secure outsourcing along with the research work, which has been proposed in past years, has been presented. Based on some drawback measures, the identification of the problem in the current scenario has been done. This paper also discusses about the motivation towards the problem and our future research directions.

References

Index Terms

Computer Science  Distributed Systems
Keywords

Confidential Data, Secure Outsourcing Algorithms, Problem Optimization, Cloud Computing