Abstract

In this paper, we have propose a user authentication scheme for cloud computing. The proposed framework provides mutual authentication and session key agreement in cloud computing environment. The scheme executes in three phases such as server initialization phase, registration phase, authentication phase. Detailed security analyses have been made to validate the efficiency of the scheme. Further, the scheme has the resistance to possible attacks in cloud computing.

References

An Improved Mutual Authentication Framework for Cloud Computing


Index Terms

Computer Science
Cloud And Security
Keywords
Cloud computing  Double Authentication  Password change  Mutual Authentication

Session key agreement