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RESEARCH ARTICLE



Cloud Security for Computing Secure Cloud Bursting, Brokerage and Aggregation Using Cryptography

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ABSTRACT:

Cloud Computing has been envisioned as the next-generation architecture of IT Enterprise. It moves the application software and databases to the centralized large data centers, where the management of the data and services may not be fully trustworthy. This unique paradigm brings about many new security challenges, which have not been well understood [1]. Many schemes are proposed under different systems and security models. In all these works, great efforts are made to design solutions that meet various requirements: high scheme efficiency, stateless verification, unbounded use of queries and retrieve-ability of data, etc. In my work, I encrypt data by using 64 bit block cipher Method for Computing Secure Cloud (*DaaS*) bursting and Aggregation. It provides better security to other security schemes because it uses OTP (One Time Password) to access the facilities of cloud computing each time.

Keyword: OTP, Aggregation, Bursting, encryption, DaaS

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