Abstract

Security during data transmission in cloud computing using TBDSA (Token Based Data Security Algorithm) along with its implementation is presented in this paper. The auto-generated token based certificate activation approach with SSL (Secure Socket Layer) provides the appropriate collaboration between the cloud client and the cloud service provider, so that user may become confident during data transfer by utilizing various cloud applications and services. The chances of attacks may be reduced by implementing this TBDSA. This designed algorithm takes less time to execute and increases the performance of the system.

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Index Terms

Computer Science
Distributed System
Keywords
Security algorithm    digital signature    secure socket layer.