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.

References

- Leenakhanna and Dr. Amant Jaiswal March-2013, Cloud computing: Security issues and description of encryption based algorithm to overcome them, International journal of advanced research in computer science and software engg.
- Manpreetkaur and Rajbir Singh May-2013, implementing encryption algorithm to
enhance data security in cloud computing, International journal of computer application.

- Sanjoli Single and Jasmeet Singh 2013. Implementing cloud data security by encryption using rijndael algorithm, Global journal of computer science and technology cloud and distributed.
- Kashif Munir and Dr. Sellapan Palaniappan, April-2013, Framework for cloud computing, International journal on cloud computing: Services and architecture.

Index Terms

Computer Science
Distributed System
**Keywords**

Security algorithm  digital signature  secure socket layer.