Abstract

In the present scenario security is biggest issue over internet cloud computing acronym is served everywhere in fast and growing computer generation. So security over the cloud is prime concern. In this paper YAK and ECC are security measures use over the cloud YAK is an asymmetric key cryptography. Whereas ECC is an encryption algorithm. So using YAK and ECC over the cloud network administrator can enhance the security measures. As per concerned of security measures these algorithms can fulfill requirements over the cloud. In this paper cloud model is proposed on the basis of cloud architecture where YAK and ECC are imposed in cloud architecture for enhancement of security measures.

References

- M. Premkumar &quot;A SECURE CLOUD STORAGE SYSTEM WITH INCREASE
AVAILABILITY AN ROBUSTNESS" 2012, ijeres. org.
- Dr. Chander Kant, Yogesh Sharma &quot;ENHANCED SECURITY ARCHITECTURE FOR CLOUD DATA SECURITY&quot; DCSA Kurukshetra University, ISSN: 2277128X, ijarcssse.com.
- Arjun Kumar, Byung Gook Lee, Hoonjae Lee, Anu. &quot;SECURE STORAGE AND ACCESS OF DATA IN CLOUD COMPUTING&quot; IEEE 2012 P. 336339.
- Sven Bugiel1, Stefan Nurnberger1, Ahmad-Reza Sadeghi1, Thomas Schneider2 &quot;TWIN CLOUDS: AN ARCHITECTURE FOR SECURE CLOUD COMPUTING&quot; 1center of advanced security Germany. fsven.bugiel@trust.cased.de, stefan.nuernberger@trust.cased.de, ahmad.sadeghig@trust.cased.de. 2System Security Lab, Ruhr-University Bochum, Germany. thomas.schneider@trust.rub.de.
- Kawser Wazed Nafi1, Tonny Shekha Kar2, Sayed Anisul Hoque1, Dr. M. M. A Hashem2 &quot;A NEWER USER AUTHENTICATION, FILE ENCRYPTION AND DISTRIBUTED SERVER BASED CLOUD COMPUTING SECURITY ARCHITECTURE&quot; 1Lecturer Stanford University Bangladesh. 2 Khulna University of engineering and technology.

Index Terms

Computer Science

Security

Keywords

CIA (confidentiality integrity availability) YAK [6] ECC (elliptical curve cryptography)[5].