Abstract

A mobile ad hoc network (MANET) is auto configurable system. This environment allows us to move haphazardly in any path. These sorts of system are in some cases self-controlled or controlled by any web zone. The usability and opportunity to migrate make this stage a more extensive use in the present system populace. The information accepting and partaking in this environment is making this environment all the more agreeable to utilize and adjust. Be that as it may, adjusting the security system is of more noteworthy concern. So in this paper a hybrid encryption method based on Ron Rivest, Adi Shamir, and Leonard Adleman(RSA) and Rivest Cipher (RC) is applied on the data for protecting it. A has code is also added to recongizes the malicious behavior detection by reckoning it timely. The results also prove the effectiveness of this approach.

References

18. Namrata Shukla, " Data Mining based Result Analysis of Document Fraud Detection " ,
International Journal of Advanced Technology and Engineering Exploration (IJATEE),

19. Namrata Shukla, Shweta Pandey, " Document Fraud Detection with the help of Data
Mining and Secure Substitution Method with Frequency Analysis ", International Journal of

Research and Development Ecosystem”, IEEE 2011.

Random Password Generator”, International Conference on Computing, Electronics and
Electrical Technologies [ICCEET], 2012.

Survey”, International Journal of Advanced Computer Research (IJACR), Volume-2, Number-4,
Issue-6, December-2012.

23. Khyati Choure, Sanjay Sharma, “Identification of node behavior for Mobile Ad-hoc
Network”, International Journal of Advanced Computer Research (IJACR), Volume-2 Number-4,
Issue-6, December-2012.

24. Ranbir Sinha, Nishant Behar, Devendra Singh," Secure Handshake in Wi-Fi Connection
(A Secure and Enhanced Communication Protocol)”, International Journal of Advanced
Computer Research (IJACR) Volume 2, Number 1, March 2012.

Ad Hoc network to provide ITS services." In Communications and Signal Processing (ICCSP),

26. Li, Y., J. Yang, and S. L. Wu. "A Steiner tree based information dissemination for urban
vehicular Ad Hoc networks." In Computational Problem-solving (ICCP), 2013 International

27. Liya, Xu, Huang Chuanhe, Li Peng, and Zhu Junyu. "A Randomized Algorithm for
Roadside Units Placement in Vehicular Ad Hoc Network." In Mobile Ad-hoc and Sensor

Location-Aided Routing Protocol in Vehicular Ad Hoc Networks." In Innovative Mobile and
Internet Services in Ubiquitous Computing (IMIS), 2013 Seventh International Conference on,

"VANets: An Exploratory Evaluation in Vehicular Ad Hoc Network for Urban Environment." In

30. Amendola, Danilo, Floriano De Rango, Khalil Massri, and Andrea Vitaletti. "Neighbor
discovery in delay tolerant networking using resource-constraint devices." In Wireless Days

31. Chasaki, Danai. "Identifying malicious behavior in MANET through data path
information." In Computing, Networking and Communications (ICNC), 2014 International

32. Ashutosh Kumar Dubey, Animesh Kumar Dubey Mayank Namdev, Shiv Shakti
Shrivastava , "Cloud-User Security Based on RSA and MD5 Algorithm for Resource Attestation
and Sharing in Java Environment", Consegr 2012, Published by IEEE.

33. Li, Wenjia, and Anupam Joshi. "Security issues in mobile ad hoc networks-a survey."


Index Terms

Computer Science  Security

Keywords

MANET, Security, RSA, RC, Data sharing and gathering.