Abstract

Security and quality of service are two major problems in wireless communications. This work concentrated on improving the security levels for Enhanced Bio-cryptic Security-Aware Packet Scheduling-Algorithm (EBSPS) and also the fast communication between Wireless Node (WN) and Advanced Radius authentication server (ARAS). This paper introduces a novel Enhanced Merged Bio-cryptic Security-Aware Packet Scheduling-Algorithm (EMBSPS). Simulations were conducted using the Matlab and EMBSPS is compared with the results of present EBSPS and BSPS. To accomplish better Quality-of-Service (QoS) in WLAN, it is substituted with the existing EBSPS with novel EMBSPS. This EMBSPS Algorithm assures the finest concert in improving the security levels and speeds up the authentication process. Lastly, simulation result proves that proposed model is performing finer than the present algorithm in terms of the quality of service.
Enhanced Merged Security Levels of BSPS in WLAN


Rajesh Duvvuru, P. Jagadeeswara Rao, Sunil Kumar Singh and Ankita Sinha, &quot;Enhanced Security levels of BSPS in WLAN;&quot; Published In the International Journal of Computer Applications, Volume 84 - Number 2, pp. 33-39, December 2013.


Ajay Kumar and Arun Passi, &quot;Comparison and combination of iris matchers for reliable personal authentication;&quot; Pattern Recognition, vol. 43, no. 3, pp. 1016-1026, Mar. 2010.


Kai-Wen Chuang, Chen- Chung Liu, Sheng-Wen Zheng, &quot;A Region-of-Interest
Enhanced Merged Security Levels of BSPS in WLAN


Index Terms

Computer Science Wireless

Keywords


Bio-cryptic Security-Aware Packet Scheduling-Algorithm