AN EFFECTIVE APPROACH TO AUTHENTICATE TEXTUAL AND GRAPHICAL PASSWORD USING MLP NEURAL NETWORK

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ABSTRACT

Security has been an important issue to enable secures remote access to corporate networks, enhance their online services, and open new opportunities for e-commerce is bringing ever-growing attention to the importance of securing user access and validating identities. Password authentication is a common approach to the system security and it s also a very important procedure to gain access to user resources. In this paper multilayer perceptron network is trained to store the passwords instead of using verification table in traditional method. This proposed method is for password authentication using alphanumeric password and graphical password. This study proposes a model provides better accuracy, and quicker response time to registration and password changes.

KEYWORDS: Password Authentication, Multilayer Perceptron Neural Network, Textual Password, Graphical Password