Graphical Password Based On Standard Shapes

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#  Abstract

In this paper, we propose a new graphical password scheme to be an alternative to alphanumeric passwords in which users draw their passwords by selecting shapes to authenticate themselves rather than type alphanumeric sequences. This scheme was developed in two processes: identification and authentication processes that are based on system access control approach. In fact, this graphical password is more efficient than others graphical password schemes; since the proposed scheme is based on three simple factors; 1) shape abbreviation, 2) order of drawing shapes, and 3) size of the drawn shapes. However, this study is presented to provide the identity of an entity with very simple authentication protocol that based graphical password. Whereby, the graphical password is considered easier to be remembered than other password techniques for most computer users.