Anti-Phishing Framework for Banking Based on Visual Cryptography

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Abstract

Phishing is an attempt by an individual or a group to thieve personal confidential information such as passwords, credit card information etc from unsuspecting victims for individuality theft, economic gain and other fake activities. In this thesis we have projected a new loom named as "A Novel Antiphishing framework based on visual cryptography" to solve the difficulty of phishing. Here an picture base verification by means of Visual Cryptography (vc) is used. The exploit of visual cryptography is explore to preserve the privacy of image captcha by decomposing the original image captcha into two shares that are stored in separate database servers such that the original image captcha can be revealed only when both are simultaneously available; the individual sheet images do not reveal the identity of the original picture captcha. Once the unique picture captcha is discovered to the user it can be used as the password.

Index Terms — Phishing attack, visual cryptography, Image processing, Image captcha generation.

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