

Proposal for Establishing Information Security Psychology

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In recent technology advancement in IT world, it became mandatory for System Administrators and IT Managers to investigate new technologies, consider attackers' motivation, and detect organization's vulnerabilities. Recently the threats have been diversified, that is, the ways attackers exploit have been changed dramatically. Most of such attackers are taking advantage of the way so-called Social Engineering, which is regarded as 'hacking on psychological weakness'. It is getting very difficult to protect or to prevent these kinds of attacks only by today's system and physical solutions. Therefore, psychological approach on attackers, end users, and System Administrators is inevitable for current information security level to be more advanced. This paper describes a research on information security in terms of psychological aspect to dedicate to propose establishing "Information Security Psychology".

Keyword: Information Security Psychology, Social Engineering, Internal Threat