

ABSTRACT

SSO (Single Sign On) is a cybersecurity solution that allows users to use different services, networks, and information systems with only one credential. However, behind the convenience and productivity efficiency provided by Facebook SSO, there is concern about the considerable risk associated with the fact that with just one account, one can access everything that users can access. Therefore, research on how security awareness of SSO users on Facebook is essential. This research aims to measure the level of information security awareness among Facebook SSO users in Indonesia.

The method used in this study is the quantitative method of Multiple Regression Analysis by distributing HAIS-Q (Human Aspects of Information Security Questionnaire) model questionnaires to Facebook SSO users in Indonesia and processed using SPSS and RStudio software. This model has SSO Familiarity, Privacy Concerns, and Demographic variables, which consist of gender, Generation/Year of Birth, Occupation, Duration of Internet Use in a day, and Budget for the Internet in a month.

The results of this study indicate that the Privacy Concern and SSO Familiarity variables have a positive and significant effect on the Security Awareness of Facebook SSO users in Indonesia. So, Facebook SSO users with a high understanding of SSO and a high concern for their information security have more awareness of it. Therefore, it is hoped that Facebook SSO users will understand more about SSO and be more careful in protecting their data.

Keywords: *SSO (Single Sign On Account), Security Awareness, SSO Familiarity, Privacy Concern, Facebook, HAIS-Q*