

ABSTRACT

Based on data obtained from sources, the information security management used has not been fully implemented, so several attacks have occurred. Analysis of the level of information security readiness needs to be carried out. This research aims to evaluate the level of information security readiness and supplements. This research uses mixed research methods, namely qualitative and quantitative methods. Results of information security readiness assessment at Siliwangi Tasikmalaya University. The information security maturity score achieved in the five areas of the KAMI index was achieved with an assessment of 432 (out of a total score of 588) and is at level II with a basic readiness framework. This condition has met the initial requirements for implementing information security and the results of the supplement area on security with the involvement of third parties. reached 60%, evaluation of personal data protection reached 77%, and for securing cloud infrastructure services the achievement was 77%. The KAMI Index measurement is carried out to determine the current state of information security readiness, which is followed by providing recommendations regarding information security readiness. The recommendations themselves are in accordance with the recommendations issued by BSSN.

Keywords: Information Security Analysis, KAMI Index, ISO/IEC 27001