

ABSTRACT

The development of information technology encourages the implementation of e-government in government institutions, including XYZ Institution, to improve public services in accordance with Presidential Instruction No. 3 Year 2003. Information security is a crucial aspect that needs to be supported by good IT governance. COBIT 2019 is an IT governance framework that can be utilized by XYZ Institution to strengthen information security and support the achievement of e-government goals. This research aims to analyze the capabilities and conditions of IT governance at XYZ Institution and provide recommendations based on COBIT 2019 in the APO13 (Managed Security) and DSS05 (Managed Security Services) domains. The research method uses the implementation of COBIT 2019 phases one to four, including determining the scope, determining targets, analyzing existing conditions, and preparing recommendations. The results showed some weaknesses in the IT governance of XYZ Institution, especially in the aspect of information security. The gap analysis identified the difference between the current condition and the expected target. The recommendations include improving the security management process in the form of updating policies and procedures, training employees, and using appropriate tools. The implementation of the COBIT 2019 framework can help XYZ Institution improve IT governance and information security, with implications in the form of increased effectiveness and efficiency of public services and better protection of information assets.

Keywords — COBIT 2019, IT Governance, Information Security, APO13, DSS05