ABSTRACT

The increasing use of cloud computing causes cloud service providers (CPS) to have high information security. Because of the ease of access given to cloud storage, it is very vulnerable because all data is on the internet. Currently, a private company engaged in cloud service provider (CPS), as the study case, requires particular standards for cloud security systems and in making data along with informed decisions because it will have a fatal impact on the agency/company. Currently, the case studies already have security standards. However, information security controls and regulations are needed both on the part of providers and users of cloud services by conducting analysis and auditing of information security on the cloud at PT.XYZ. Furthermore, make recommendations based on the results of the audit evaluation.

Keywords: ISO 27017, *Cloud Service Provider, Cloud Computing, CPS*