A case study of implementing COBIT 5 framework for E commerce web site

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**Abstract:**
This paper presents a comprehensive case study on the application of the COBIT 5 framework to an e-commerce website. The implementation utilizes a Linux-based web hosting environment with unmetered bandwidth , SSD storage and SSL certificate so that users information will reach server via HTTPS protocol. . For demonstration purposes, the AbanteCart script has been employed. The study systematically addresses key challenges related to the confidentiality, integrity, and availability of online transactions, along with the protection of user data privacy. It is important to note that this work does not introduce any novel innovations; rather, it is based entirely on currently available technologies and best practices.