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The Effect of Security and Privacy on the Internet of Things (IOT)

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Abstract: *The Internet of Things (IoT) has revolutionized the way we live our lives, with an ever-increasing number of devices connecting to the internet and sharing data. However, this has also led to a growing concern over the impact of IoT on privacy and security. This research paper explores the impact of IoT on privacy and security, focusing on the various challenges and risks associated with the technology. The paper begins by examining the definition and concept of IoT and its potential benefits. It then delves into the various privacy and security issues arising from IoT, including data breaches, identity theft, and unauthorized access. The paper also discusses the different approaches and strategies that can be used to mitigate these risks, including encryption, access control, and data protection measures. The research paper also examines the legal and regulatory frameworks governing IoT privacy and security and analyses the challenges and gaps in these frameworks. The paper highlights the importance of creating a comprehensive and robust regulatory framework that addresses the unique challenges posed by IoT.*

Keywords: Security, IOT, privacy, protection, management

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