A Review Paper on Network Security and Cryptography

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Abstract: *Organizations all over the globe create a tremendous quantity of data on a daily basis since the birth of the World Wide Web and the rise of ecommerce apps and social networks. The most fundamental difficulty in ensuring secure data transfer over the internet is information security. Network security challenges are also growing more significant as society transitions to the digital information era. As more people connect to the internet, cyber-attacks becoming increasingly common. It is necessary to preserve computer and network security, which are crucial challenges. The poisonous hubs wreak havoc on the system. It may use the assets of other hubs while still protecting its own assets. We present an overview of network security and numerous strategies in this article Cryptography is a method for improving network security.*

Keywords: Security, Threats, Cryptography, Encryption, Decryption

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