A study of Cyber Security-management and challenges in implementation in organizations

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Abstract:

Any company that does not have robust security policies and processes in place is taking on a significant amount of unnecessary risk. If that organisation does not have security standards similar to these, then the essential data that is associated with that corporation is not secure. Access control and Password Security, authentication of data, malware scanners, firewalls, encryption, and digital signatures are some measures that are currently being utilized by organizations for the management of cybersecurity. However, these various information security standards currently available on the market each have their own unique set of challenges that they need to overcome to succeed. These challenges include a lack of infrastructure, continuous changes in threat patterns, and changes and upgrades in IT systems.

Keywords: