

A Review On Cyber Security and Privacy Needs

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Abstract: *In today's increasingly digital world, cyber security and privacy have become essential components of protecting individuals, organizations, and governments from a wide range of threats. Cyber security focuses on defending systems, networks, and data from attacks, damage, or unauthorized access, while privacy ensures individuals have control over their personal information and how it is used. Although distinct, these two areas are deeply interconnected—strong security practices are necessary to uphold privacy, and respecting privacy principles helps guide ethical and effective security strategies. This paper explores the growing need for robust cyber security and privacy measures, highlights the challenges posed by evolving technologies and cyber threats, and discusses frameworks, such as the CIA Triad, that support building secure and privacy-respecting digital environment*

Keywords: Privacy, CIA Triad, Digital environment, Networks, Robust Cyber security

