Security in Internet web-systems

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Abstract: - Security and privacy in web system is the biggest concern nowadays. Individuals who use the Internet to purchase, buy, or sometimes connect require that their messages be private and confidential. In this paper, I will discuss the various aspects of Web and networking security and its flaws. In this paper, I will discuss the many components of the Internet and networking security and its weaknesses. This paper also discusses key networking security strategies such as firewalls, credentials, encryption, authentication, and integrity, the architecture of a web application assault, as well as attack methodologies. As a result, different security protection approaches connected to high-speed Online safety and computer safety in the real world are being researched, such as DNS, One-Time Passwords, and network defense like a group. This paper also examined viral outbreaks in rising networks and their remarkable growth speeds.

Motivation: - Cyber-security is a way of protecting devices or websites from malicious sites, links, and attacks that are aimed to steal information, destroy devices, or money extortion. Implementing effective measures is a challenge since attackers are becoming more efficient. Different attacks like phishing, Ransomware, social engineering, and malware attacks are designed for a specific purpose. There are 3 ways of cybersecurity first one is network security secondly cloud security and third is physical security. The operating system and network architecture together are called network security. Network security can consist of firewalls, servers, hosts, wireless access points, etc.

References: -
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