Challenges and vulnerabilities of analysing the cyber attacks

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Abstract

Recent studies underline the limited scope of research published with regard to attitudes of cyber attacks and the impact is investigated through the scientific literature analysis and surveys. The main objective of this paper is to focus the attention on in-depth research of cyber attacks by analysing the information from selected online materials to reveal a research gap. Literature review and statistical analysis were employed to reach conceptual understanding. The findings reveal interested parties like independent IT companies, governmental and non-governmental institutions which have conducted various surveys to identify the impact of cyber attacks. The main challenges and vulnerabilities of cyber attacks investigations are provided by analysing cybercrime costs.

Keywords: cyber attack, cybercrime costs, snowballing technique, statistical analysis

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