Abstract

Cybersecurity has become a Big Data problem as the size and complexity of security related data has grown too big to be handled by traditional security tools. In this paper the authors have described the categories of cybersecurity threats and challenges posed by them. They have analyzed how big data tools and concepts are being used to solve these challenges and detect and prevent attacks real-time.

References


Solving Cyber Security Challenges using Big Data

IDC Whitepaper, February 2015


15. Fortscale tool, https://fortscale.com


17. Platfora, “Platfora big data discovery platform”, www.platfora.com


Index Terms

Computer Science  Security

Keywords

cybersecurity, security, big data, attacks, APT, malware, malicious, Hadoop