Phishing Attacks Facilitated by Open Source Intelligence

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Abstract : The information has become an important asset to the current cosmos. Globally, various tactics are being observed to confine the spread of information as it makes people vulnerable to security attacks. Open Source Intelligence (OSINT) is a publicly available source that has disseminated information about users or websites, companies, and various organizations. This paper focuses on the quantitative method of exploring various OSINT tools that reveal public information of personals. This information could further facilitate phishing attacks. Phishing attacks can be launched on email addresses, open ports, and unsecure web-surfing. This study allows to analyze the information retrieved from OSINT tools, i.e. theHarvester, and Maltego that can be used to send phishing attacks to individuals.