Top Cyber Security Tools You Must Know in 2023

Cybersecurity Tools are required for organizations and individuals to protect and enhance their security and privacy. Cybersecurity is a process of protecting the application, network, and system from cyber attacks. Cybersecurity Software Tools help to identify vulnerabilities, weak passwords, backdoors, etc., that pave the way for hackers to exploit vulnerabilities. They prevent illegal data access, identity theft, and cyberattacks.

Types of Cybersecurity Tools

Cybersecurity Tools are categorized into various types depending on the purpose of employing the tools. The following are the different types of cybersecurity tools:

- Data Loss Prevention Tools
- Digital Forensic Tools
- Email Security Tools
- Endpoint Detection and Response Tools
- Firewall Tools
- IDS/IPS Tools

- Network Detection and Response Tools
- Penetration Testing Tools
- Privileged Access Management Tools
- Security Information and Event Management Tools
- Vulnerability Assessment Tools

Top Cybersecurity Tools

The following is the list of top cybersecurity tools:

- ## Burp Suite

Burp Suite is the most popular automated and scalable web vulnerability scanning tool used to perform security testing on web applications. It includes various robust features that support both automation and manual testing for the users.

- ## John The Ripper

John the Ripper is an open-source password-cracking tool used to test the password strength of the system. It uses the password dictionary, which includes a bunch of passwords in hashed and raw format. This tool identifies the potential password in hashed form and then matches it with an initial hashed password to crack the password. It helps to mitigate the Dictionary attack and improves password security.

- ## Metasploit

Metasploit is a pen-testing framework used to identify vulnerabilities on servers and networks. It helps to segregate the penetration testing workflow into manageable sections. Metasploit is the world's best and most popularly used tool that provides an interface to identify relevant vulnerability exploit code.

- ## CrowdStrike Falcon Endpoint Protection

Crowdstrike Falcon is an EDR tool that includes Next-generation Antivirus, USB device protection, threat intelligence, and threat-hunting solutions. It captures and records endpoint activity and provides complete monitoring of all devices connected to the organization's network.

- **LogRhythm**

LogRhythm is a next-gen SIEM solution that provides a reliable means of enhancing an organization's security posture. It offers in-depth analyses of the organization's network security to find potential threats. LogRhythm automates the SOC tasks to minimize the workload on security personnel and uses machine learning methods to identify and respond to advanced threats quickly.

How can InfosecTrain help?

To become a cybersecurity professional or to shape your career in the cybersecurity domain, InfosecTrain offers top-notch online professional courses curated by experts that help you to achieve a complete understanding of cyber attacks and various security testing performed to identify vulnerabilities. There are many such recommended courses from InfosecTrain.

- CompTIA Security+
- CompTIA Pentest+
- EC-Council's CEH
- Expert-curated customized courses on various Security Testing certifications