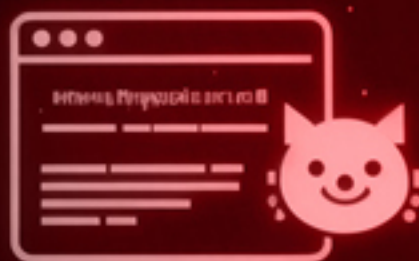
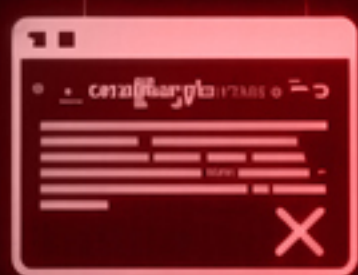


TOP OPEN-SOURCE CYBERSECURITY TOOLS FOR BEGINNERS



PENETRATION TESTING AND ETHICAL HACKING

- ✓ **Kali Linux** – All-in-one penetration testing Linux OS with 600+ security tools
- ✓ **Parrot Security OS** – Lightweight pentesting and digital forensics operating system
- ✓ **Metasploit Framework** – Powerful exploit development and vulnerability testing framework
- ✓ **Burp Suite Community Edition** – Web app vulnerability scanning (manual + automated)
- ✓ **OWASP ZAP** – Open-source web app security scanner for finding vulnerabilities
- ✓ **SQLMap** – Automated tool to detect and exploit SQL injection flaws
- ✓ **Hydra** – Password-cracking tool for network logins (SSH, FTP, Telnet, etc.)
- ✓ **John the Ripper** – Fast password cracker for Linux and Windows hashes



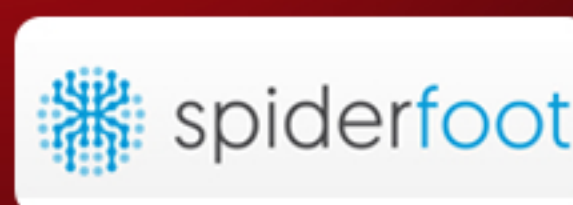
NETWORK AND INFRASTRUCTURE SECURITY

- ✓ **Nmap** – Network scanning, device discovery and port enumeration
- ✓ **Wireshark** – Packet capture and deep network protocol analysis
- ✓ **Nikto** – Open-source web server vulnerability scanner
- OpenVAS (GVM) – Full-featured open-source vulnerability scanner for networks
- ✓ **TCPDump** – Command-line packet capturing tool for network analysis
- ✓ **Angry IP Scanner** – Fast IP address and port scanner for network mapping
- ✓ **PFsense (Free Firewall)** – Open-source firewall and router OS for home/lab networks



THREAT INTELLIGENCE AND OSINT

- ✓ **Shodan** – Search engine for discovering exposed devices and services online
- ✓ **TheHarvester** – Email, subdomain and OSINT reconnaissance tool
- ✓ **Maltego CE** – Graph-based OSINT and intelligence link analysis tool
- ✓ **SpiderFoot** – Automated OSINT, reconnaissance and data gathering framework
- ✓ **Have I Been Pwned** – Check if an email or password was part of a data breach



FORENSICS AND INCIDENT RESPONSE

- ✓ **Autopsy** – Digital forensics tool for hard drive and memory investigations
- ✓ **Volatility** – Memory forensics framework for analyzing RAM dumps
- ✓ **FTK Imager (Free)** – Forensic imaging tool to preview and clone disk data
- ✓ **ExifTool** – Extracts metadata from files, emails, images and documents
- ✓ **KAPE (Free Edition)** – Windows triage and forensics evidence collector
- ✓ **Magnet RAM Capture** – Captures volatile memory for forensic examination



MALWARE ANALYSIS AND REVERSE ENGINEERING

- ✓ **Ghidra** – Reverse engineering suite developed by NSA
- ✓ **Detect It Easy (DIE)** – Identifies packers, compilers and malware file attributes
- ✓ **YARA** – Malware pattern-matching and threat rule-based detection
- ✓ **Any.Run (Free Sandbox)** – Online interactive malware analysis sandbox
- ✓ **VirusTotal** – Multi-engine malware scanning and threat intel aggregator
- ✓ **Sandboxie Plus** – Isolated environment for safely running suspicious software
- ✓ **ProcMon** – Windows system monitoring tool from Sysinternals (file, registry, process tracing)



Secure Your Future with InfosecTrain!

🚀 The skills of tomorrow,
mastered today.

Enroll now and stay ahead of the curve.



infosectrain.com



sales@infosectrain.com