

Open Source Intelligence (OSINT): Learn the Methods Bad Actors Use to Hack Your Organization



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- OSINT Ethics
- Secure Setup
- Setting the Stage
- Apps and Tools



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Quote

"With great power comes great responsibility"

- A Superhero's Uncle



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govern a person's behavior or the activity"

Oxford Dictionary

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Safety First



Secure Your Setup

- Hardware/Software or Cloud
- Dedicated Machine
- Disk Wiper
- Virtual Machine
- VPN
- WHY do all of this? □□♀



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Cyber Killchain for a Phishing Attack



Reconnaissance



Setting the Stage

Your Organization

Company Website

Press Releases

Third-Party Resources

LinkedIn, Glassdoor, Indeed

Employees

Facebook, LinkedIn, Instagram

Other Tools

Google, Web Info, OSINT Tools



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Google Dorking

- Cache find out what the most recent cache of a specified webpage is
- Allinurl find pages with your requested search terms within the URL in internal search pages
- Filetype a great way to narrow research on infographics or memes.
- Inurl This is useful for finding sites with strong on-page optimization for the topics you are researching.
- Intitle a narrower operator that will help you find more targeted results



Google Dorking Video

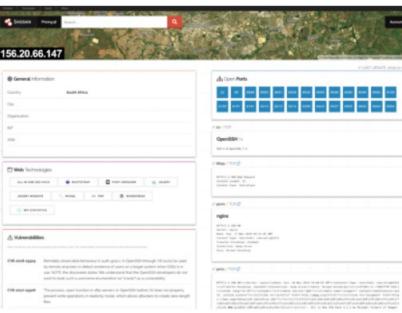
Video placeholder for Google_Dork demo



Reconnaissance Tools

Shodan







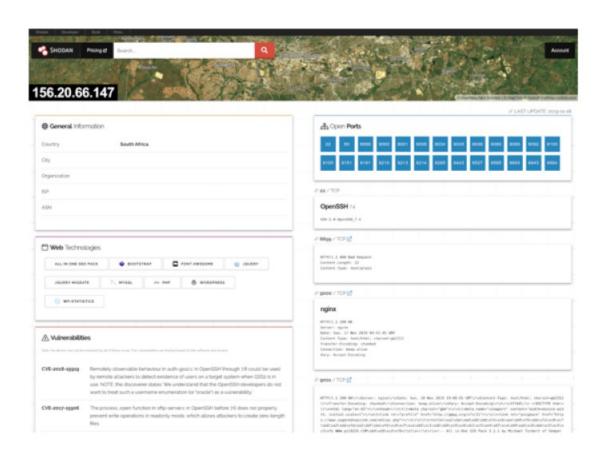
Reconnaissance Tools: Shodan

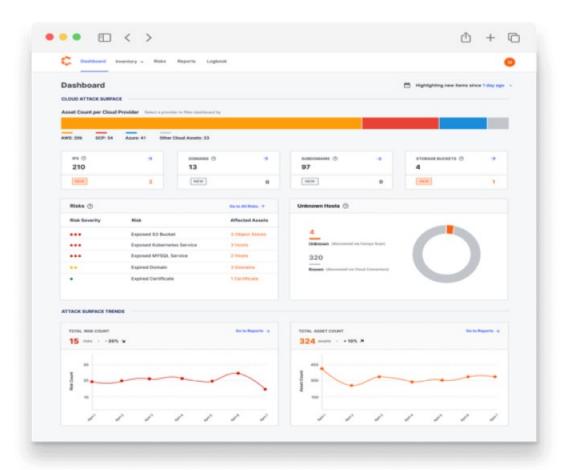
Video placeholder for Shodan demo



Reconnaissance Tools: Shodan & Censys

Two Great Tools that OSINT Great Together







Reconnaissance Tools: Shodan vs. Censys

Video placeholder for Shodan v Censys demo



Reconnaissance Tools: The Harvester

- Determine threat landscape
- Email Addresses
- Domain records
- Subdomains
- IP address & URLs
- Connects with multiple sources



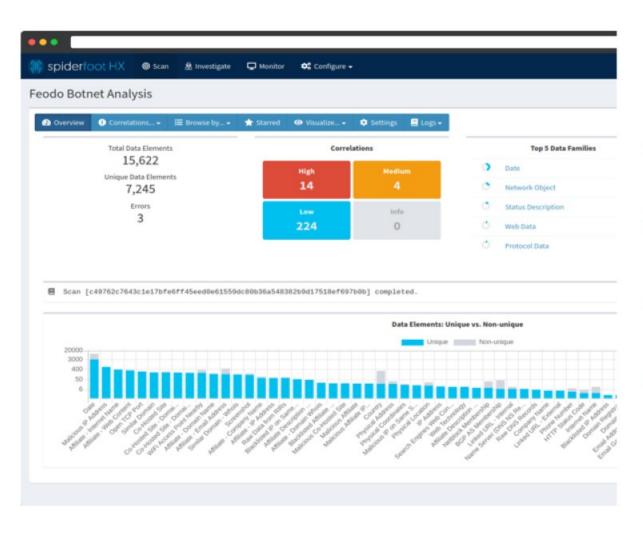


Reconnaissance Tools: The Harvester

Video placeholder for theHarvester demo



Reconnaissance Tools: Spiderfoot



- Cyber Threat Intelligence
- Asset Discovery
- Security Assessments
- Monitor Your Asset Surface

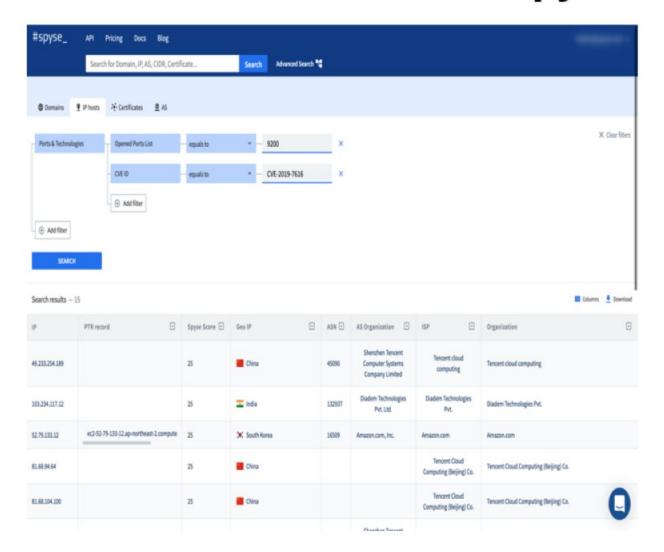


Reconnaissance Tools: Spiderfoot

Video placeholder for Spiderfoot demo



Reconnaissance Tools: Spyse



- One of Internet's Largest DBs
- Web Interface, API & Python
- "Scoring" Productivity Feature
- Precision Scanning



Reconnaissance Tools: Spyse

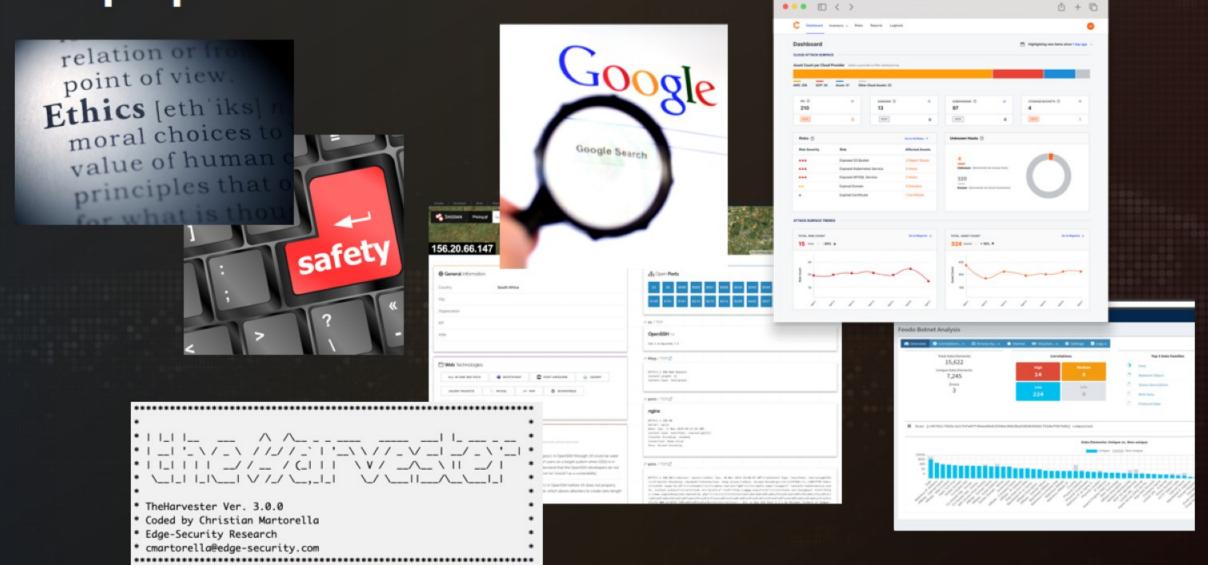
Video placeholder for Spyse demo



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- Setting the Stage
- Apps and Tools
- Wrap-up



Wrap-up





KnowBe4 Security Awareness Training



Baseline Testing

We provide baseline testing to assess the Phish-Prone™ percentage of your users through a free simulated phishing attack.



Train Your Users

The world's largest library of security awareness training content; including interactive modules, videos, games, posters and newsletters. Automated training campaigns with scheduled reminder emails.



Phish Your Users

Best-in-class, fully automated simulated phishing attacks, thousands of templates with unlimited usage, and community phishing templates.



See the Results

Enterprise-strength reporting, showing stats and graphs for both training and phishing, ready for management. Show the great ROI!





Phishing assessments to reduce ransomware attacks

- Reduced Malware Infections
- Reduced Data Loss
- Reduced Potential Cyber-theft
- Increased User Productivity
- Users Have Security Top of Mind

87% Average Improvement

Across all industries and sizes from baseline testing to one year or more of ongoing training and testing

Note: The initial Phish-Prone percentage is calculated on the basis of all users evaluated. These users had not received any training with the KnowBe4 platform prior to the evaluation. Subsequent time periods reflect Phish-Prone percentages for the subset of users who received training with the KnowBe4 platform.



Source: 2020 KnowBe4 Phishing by Industry Benchmarking Report



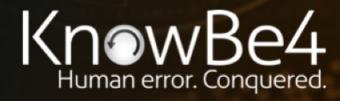
Thank You For Your Attention



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