Management, Troubleshooting and Security Tools That Every IT Professional Should Own

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Warning!

Make sure you have appropriate authorization to run these tools on your network.

Tools Covered in this Session

- Ethereal
- Hex Workshop
- NetScanTools Pro
- Packet Builder
- Visual Route
- Secure USB Drive

- TCPView
- Cain and Abel
- Hurricane Search
- Aida32 Auditor (Everest)
- •LANGuard Network Scanner

Ethereal

\$

Price: Free; distributed under the

GNU license

www

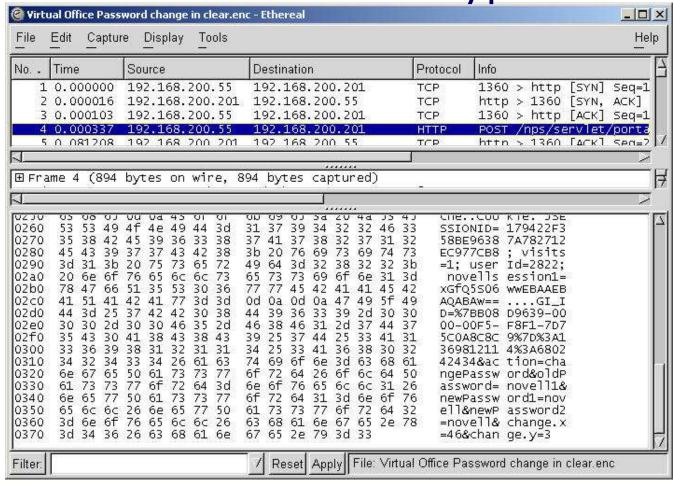
Link:

www.ethereal.com

General: Protocol analyzer; requires winpcap to run over W32 platform (available at

winpcap.polito.it

Locate Network Faults, Clear Text Passwords and Unencrypted Data



Hex Workshop



Price: US \$49.95



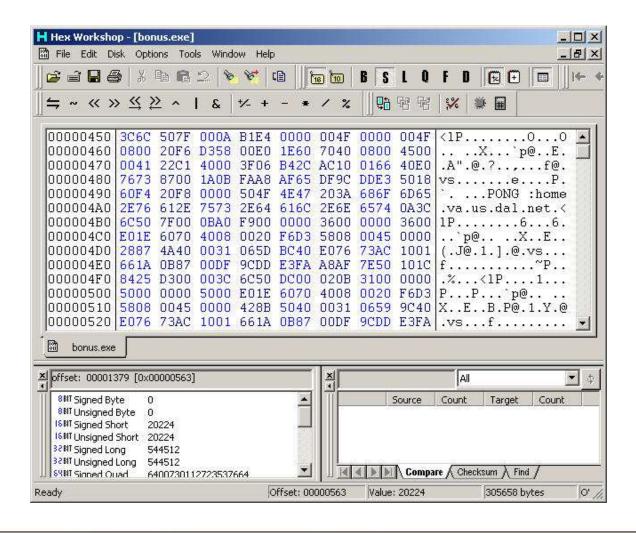
Link: www.bpsoft.com



General: General hex editor; includes

Base Converter applet

Open Suspect Files



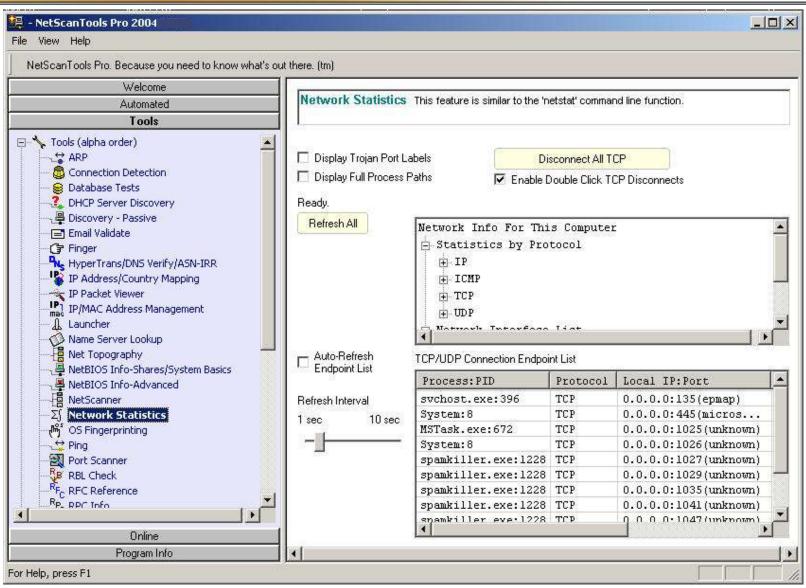
NetScanTools Pro

Price: US \$199.00

Link: www.netscantools.com

General: Multifunction tool that includes Wizard tool to help trace back and identify a

device



Packet Builder



Price: Free

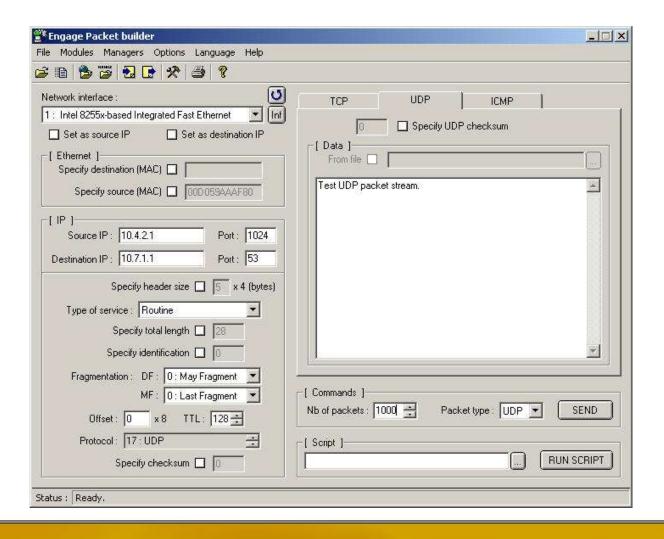


Link: www.engagesecurity.com



General: Runs on winpcap; download .
rsb scripts (Packet Builder
was formerly called "Rafale")

Test Flood Vulnerabilities



Packet Builder



Price: Free



Link: www.engagesecurity.com



General: Runs on winpcap; download .
rsb scripts (Packet Builder
was formerly called "Rafale")

Secure USB Drive



Price: US \$89-749



Link: Various



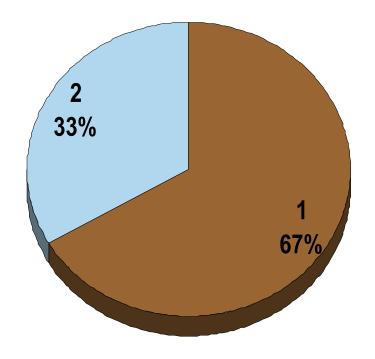




Do you own a USB drive?

1. Yes

2. No





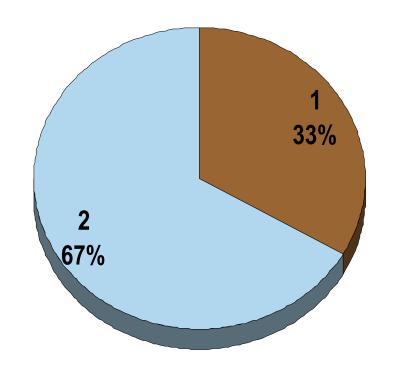




Have you ever stored confidential information on that drive?

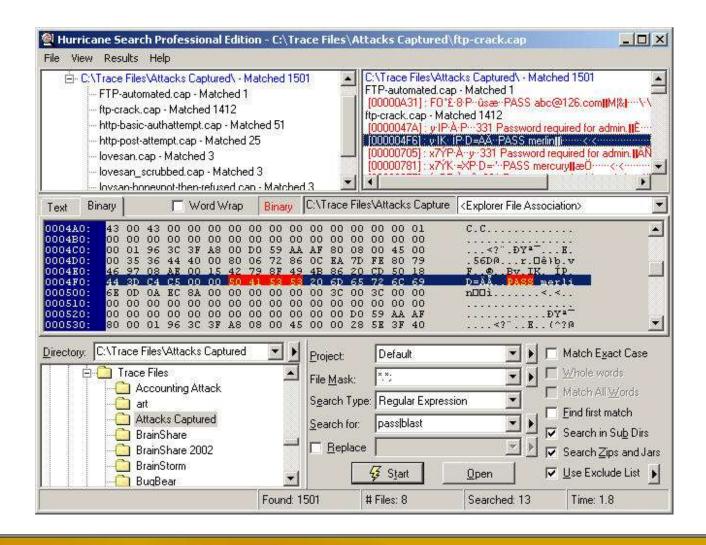
1. Yes

2. No





Find Evidence on a Hard Drive



TCPView



Price: Free

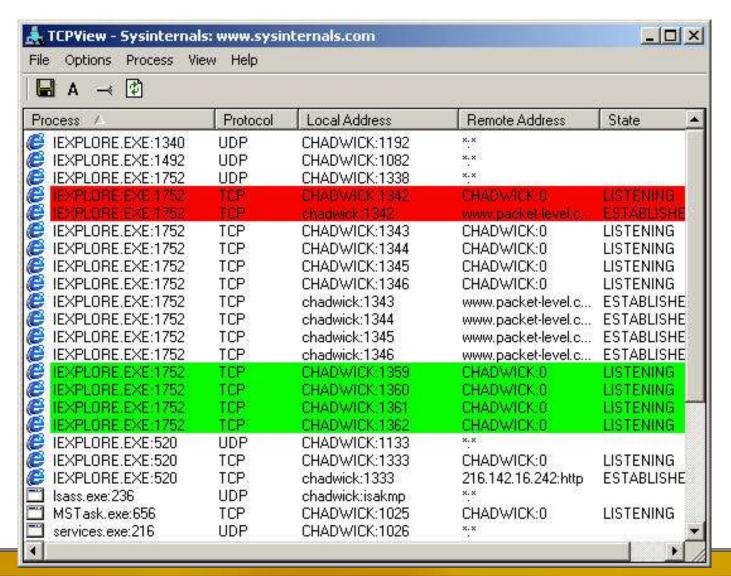


Link: www.sysinternals.com



General: TCP connection and UDP endpoint tracking; tear down connections

Log Active Connections/Endpoints



Cain & Abel



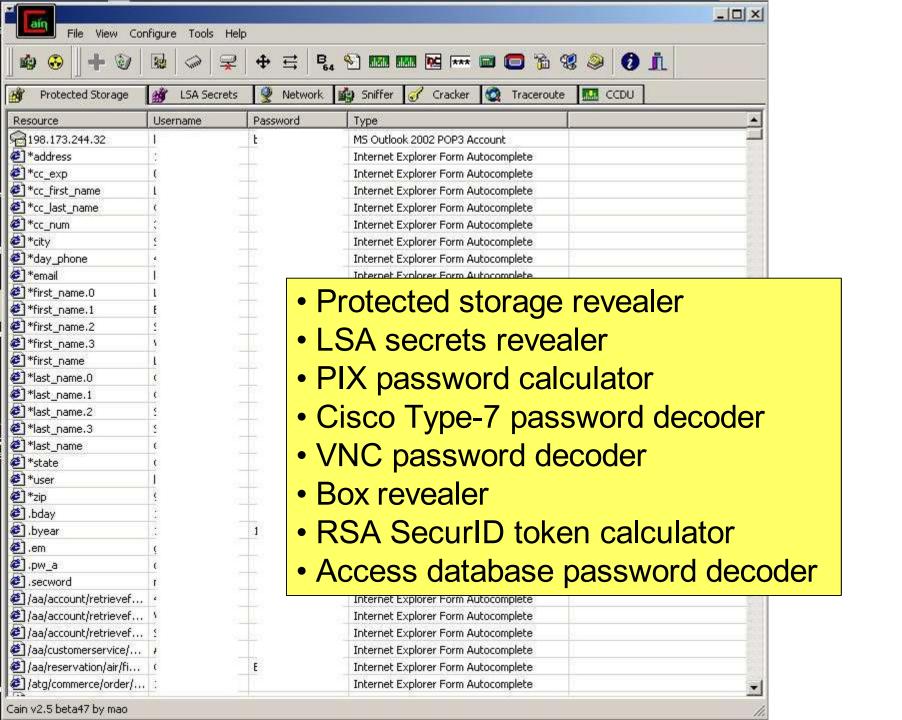
Price: Free



Link: www.oxid.id



General: Read and clean protected storage – other wonderful tricks



Aida32/Everest



Price: Free



Link: www.lavalys.com



General: Perform local and remote system audits (software and hardware)

Audit Local or Remote Systems

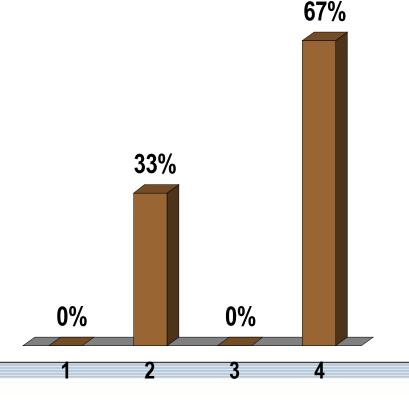






Have you performed a vulnerability scan on your own network?

- 1. Yes
- 2. Yes, but it was lame
- 3. No
- 4. Not yet, but we're planning on it





LANguard Network Scanner



Price: US \$295 and up

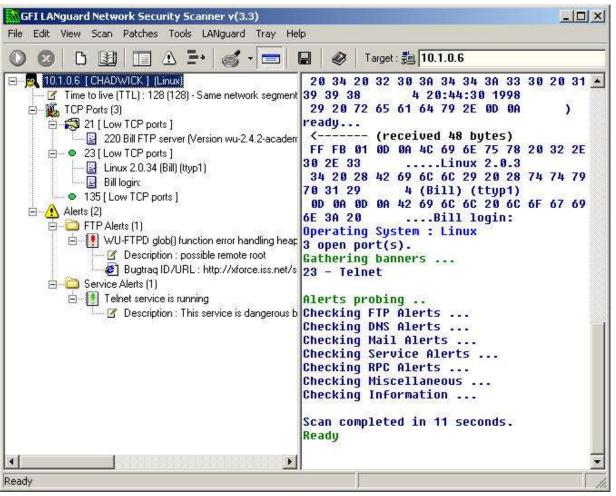


Link: www.gfi.com



General: Vulnerability scanner; OS fingerprinting; port scanning; locate open shares; locate cgi script vulnerabilities; patch/hotfix detection

Locate Open Ports Shares and Unpatched Systems on the Network



VisualRoute



Price: US \$49.95 and up

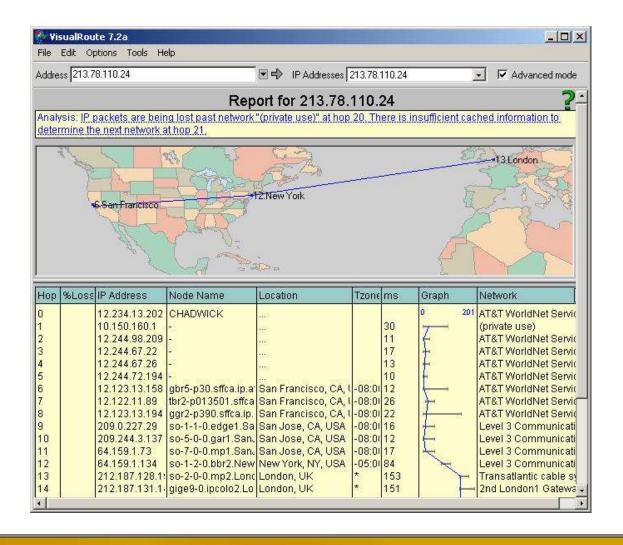


Link: www.visualware.com



General: Visual representation of traceroute operation; includes whois functionality.

Visual Trace Back



Conclusion

- There are great inexpensive tools for IT professionals
- Ensure you have permission before using these tools on the company network
- Send me your tools list!
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