

# The Network Toolkit

The tools in The Network Toolkit cover a wide range of needs, and are conveniently grouped into categories. Below we list the categories along with their respective tools.

Is there a tool that you use every day, and that you would like to see in the next version of The Network Toolkit? [Let us know about it!](#)

## Network Analyzers

- **cdpr** decoder for the Cisco Discovery Protocol.
- **Dice** decodes network trace files and emits statistics.
- **WinDump** command line network analyzer, the Windows version of the well known tcpdump.
- **Wireshark** formerly known as Ethereal, Wireshark is a powerful network analyzer with support for more than 700 protocols.

## Network Monitors

- **AdapterWatch** tool for retrieving statistics about a network adapter.
- **Analyzer** network analysis and monitoring software.
- **NetMeter** bandwidth monitor.
- **D-ITG** advanced traffic generator able to generate TCP, UDP, ICMP, DNS, Telnet and VoIP traffic.
- **Network Packet Generator** a packet injector that uses WinPcap to send specific packets out of a single or multiple network interfaces.
- **SIPp** a test tool/traffic generator for the SIP protocol.
- **ttcp** simple TCP and UDP Test utility, designed to test the performance of a network link.

## Network Scanners

- **Angry IP scanner** a simple-to-use GUI-based network scanner.
- **NBTscan-Ipanto** command line NETBIOS name scanner.
- **Nmap** utility for network exploration and security auditing.
- **THC-Amap** a scanning tool based on a database of triggers and responses.

## IDS

- **AirSnare** (requires installation) network monitor useful for tracking hosts that communicate on your network.
- **Oinkmaster** a script to update and manage Snort rules.
- **SAM Jr** java package that provides real-time analysis of Snort data.
- **Snort** a lightweight network intrusion detection system.

## Network Utilities

- **ArpCacheWatch** ARP cache monitor.
- **ClamWin** an antivirus for Windows.
- **CurrPorts** displays opened TCP/IP ports and connections.
- **DnsEye** monitors DNS requests.
- **Kismet** a wireless network detector, sniffer and IDS.
- **netcat** reads and writes data across network connections, using TCP or UDP protocol.
- **ngrep** grep-like utility to search inside network packets.
- **OpenedFilesView** opened files viewer.
- **OpenSSH server** an easy and quick way to launch an OpenSSH server.
- **Sam Spade** a freeware network query tool.

# The Network Toolkit

## Network Clients

### Mail

- **Blat** Win32 command line utility that sends e-mail using the SMTP or NNTP protocols.

### Secure Clients

- **PuTTY** Telnet and SSH terminal.
- **WinSCP** SFTP client using SSH.

### SNMP

- **FreeSnmp** simple tool to perform SNMP queries.
- **Net-SNMP** a suite of SNMP manager tools.

### Web

- **wget** utility to perform non-interactive downloads of files via HTTP, HTTPS, FTP.
- **Unix network clients** various standard network tools.
- **Win32Whois** simple Whois client.

### Auditing Tools

- **aircrack-ng** a wireless networks auditing suite.
- **Cain & Abel** password recovery tool.
- **Hydra** simple password revealer.
- **John the Ripper** utility to discover weak passwords.
- **The Metasploit Project** a complete environment for writing, testing, and using exploit code.
- **Winfingerprint** an administrative network resource scanner.
- **WinInterrogate** a file system and process enumeration/integrity tool.

### Password Revealers

- **Asterisk Logger** reveals passwords behind asterisks.
- **AsterWin IE** discovers passwords used in Internet Explorer.
- **Dialupass** discovers passwords used in Dial-Up authentications.
- **Protected Storage PassView** reveals Internet Explorer, Outlook Express and MSN Explorer passwords.
- **DriverView** utility to view details about installed drivers.
- **RegScanner** utility to search inside the registry.
- **StartupRun** shows applications that are scheduled to start during the startup of the OS.
- **WinUpdatesList** displays the operating systems updates, including the involved files.

### Supplementary Tools

- **DOS Command Prompt** runs a DOS Command Prompt in the command line tools directory.
- **Unix Shell** Windows version of the Bash shell.
- **WinPcap 4.0.2** Installer-version of WinPcap. It can be used with tools not present in this collection.