




# CTF工具集合

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## 逆向工程

**GDB** - <http://www.gnu.org/software/gdb/download/>

**IDA Pro** - <https://www.hex-rays.com/products/ida/support>

**Immunity Debugger** - <http://debugger.immunityinc.com/>

**OllyDbg** - <http://www.ollydbg.de/>

**radare2** - <http://www.radare.org/y/?p=download>

**nm** - unix/linux tool

**objdump** - linux tool

**strace** - linux tool

**ILSpy** - <http://ilspy.net/>

**JD-GUI** - <http://jd.benow.ca/#jd-gui-overview>

**FFDec** - <http://www.free-decompiler.com/flash/download.html>

**dex2jar** - <http://code.google.com/p/dex2jar/>

**uncompyle2** - <https://github.com/wibiti/uncompyle2>

## Hex editors:

Windows:

**HxD** – <http://mh-nexus.de/en/hxd/>

**Neo** – <http://www.new-hex-editor.com/hex-editor-downloads.html>

Linux:

**Bless** – <http://home.gna.org/bless/downloads.html>

**wxHexEditor** – <http://www.wxhexeditor.org/download.php>

**Exe unpackers – Unpacking Kit 2012** – <http://forum.exetools.com/showthread.php?t=13610>

## 网络

**Wireshark, tshark** – <https://www.wireshark.org/download.html>

**OpenVPN** – <https://openvpn.net/>

**OpenSSL** – <https://www.openssl.org/related/binaries.html>

**tcpdump** – <http://www.tcpdump.org/>

**netcat** – <http://netcat.sourceforge.net/>

**nmap** – <http://nmap.org/download.html>

## 隐写:

**OpenStego** – <http://www.openstego.info/>

**OutGuess** – <http://www.outguess.org/download.php>

**Steghide** – <http://steghide.sourceforge.net/download.php>

**StegFS** – <http://sourceforge.net/projects/stegfs/>

**pngcheck** – <http://www.libpng.org/pub/png/apps/pngcheck.html>

**GIMP** – <http://www.gimp.org/downloads/>

**Audacity** – <http://audacity.sourceforge.net/download/>

**MP3Stego** – <http://www.petitcolas.net/steganography/mp3stego/>

**ffmpeg (for video analysis)** – <https://www.ffmpeg.org/download.html>

## 电子取证:

**dd** – unix/linux tool

**strings** – unix/linux tool

**scalpel** – <https://github.com/sleuthkit/scalpel>

**TrID** – <http://mark0.net/soft-trid-e.html>

**binwalk** – <http://binwalk.org/>

**foremost** – <http://foremost.sourceforge.net/>

**ExifTool** – <http://www.sno.phy.queensu.ca/~phil/exiftool/>

**Digital Forensics Framework (DFF)** – <http://www.digital-forensic.org/download/>

**Computer Aided Investigative Environment (CAINE) Linux forensics live distribution** – <http://www.caine-live.net/>

**The Sleuth Kit (TSK)** – <http://www.sleuthkit.org/sleuthkit/download.php>

**Volatility** – <http://code.google.com/p/volatility/>

**pcap包修复** - <http://f00l.de/hacking/pcapfix.php>

**主机内常见机密文件的扫描** - <https://github.com/CERT-W/certitude>

**网络数据监控** - <https://github.com/opt-oss/NG-NetMS>

**网络流量隐含数据分析** - <https://github.com/sensepost/DET>

**JPHS隐写** - <http://linux01.gwdg.de/~alatham/stego.html>

## 社会工程

钓鱼攻击防护 - <https://github.com/anilyuk/punydomaincheck>

社会信息收集 - <https://github.com/DataSploit/datasploit>

网络中数据的挖掘 - <https://github.com/SharadKumar97/OSINT-SPY>

## 无线网络

wifi监控探测 - <https://github.com/lennartkoopmann/nzyme>

wifi入侵检测 - <https://www.kismetwireless.net/>

## AWD中防护

攻击防护和漏洞检测 - <https://github.com/jzadeh/Aktaion>

数据收集, 威胁监控 - <https://github.com/Invoke-IR/ACE>

AWS基础设施监控 - <https://github.com/SecurityFTW/cs-suite>

渗透测试框架, 团队协作 - <https://github.com/dradis/dradis-ce>

本地扫描, 安全度评估 - <https://github.com/OpenSCAP/openscap>

日志分析管理 - <https://github.com/Graylog2/graylog2-server>

## AWD中攻击:

网络注入攻击 - <https://github.com/xtr4nge/FruityC2>

## 编程以及编码工具/PPC

### Text editors:

Sublime Text – <http://www.sublimetext.com/>

Notepad++ – <http://notepad-plus-plus.org/>

vim – <http://www.vim.org/>

emacs – <http://www.gnu.org/software/emacs/>

### 密码学

Cryptool – <https://www.cryptool.org/>

hashpump – <https://github.com/bwall/HashPump>

Sage – <http://www.sagemath.org/>

John the Ripper – <http://www.openwall.com/john/>

xortool – <https://github.com/hellman/xortool>

彩虹表 - <http://www.objectif-securite.ch/en/ophcrack.php>

图片和base64互转 - <http://imgbase64.duoshitong.com/>

### 在线工具

<http://www.crypo.com/>

<http://www.cryptool-online.org/>

<http://rumkin.com/tools/cipher/>

Modules for python – pycrypto – <https://www.dlitz.net/software/pycrypto/>

<http://pmd5.com/>

<https://www.cmd5.com/>

<https://www.somd5.com/>

<http://www.chamd5.org/>

附加一个链接: <https://www.freebuf.com/sectool/94235.html>