

### **Open Source Intelligence:**

Barcode reader:

<https://online-barcode-reader.inliteresearch.com/>

Metadata image reader:

<http://exif.regex.info/exif.cgi>

Page history finder (wayback machine):

<https://web.archive.org/>

List of TCP and UDP ports:

[https://en.wikipedia.org/wiki/List\\_of\\_TCP\\_and\\_UDP\\_port\\_numbers](https://en.wikipedia.org/wiki/List_of_TCP_and_UDP_port_numbers)

Binary math (bit wise):

<https://www.rapidtables.com/calc/math/binary-calculator.html>

### **Cryptography:**

Base64:

<https://www.base64decode.net/>

Binary:

<https://cryptii.com/pipes/binary-decoder>

Has a lot and easy to try (starts on Octal) (Ex: binary, hex, base64, morse code, other hash/encryption):

<http://www.unit-conversion.info/texttools/octal/#data>

Has a lot of basic (Oldies but goodies) (Caesar Cipher, Railfence, Symbol Substitution, etc.):

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

Anything that doesn't fit the others, try on this:

<http://www.quipqiup.com>

A good way to help solve sub cyphers:

[https://www.simonsingh.net/The\\_Black\\_Chamber/substitutioncrackingtool.html](https://www.simonsingh.net/The_Black_Chamber/substitutioncrackingtool.html)

Morse code:

<https://morsecode.scphillips.com/labs/decoder/>

FOR STEGOS:

<http://futureboy.us/stegano/decinput.html>

<https://aperisolve.fr>

FORENSICALLY To find strings (logical english sentences and or words in picture code:

<https://29a.ch/photo-forensics>

SOME HASHES:

118B2B4B18155A9A14F0647A15DBD4AC:6F3D2B49692AEDD861C121E13C8667A5

Use <http://rainbowtables.it64.com/> (split and use first half)

**IP Address Questions** <http://jodies.de/ipcalc>

**Password Cracking:**

### **Log Analysis:**

[https://www.w3schools.com/tags/ref\\_httpmethods.asp](https://www.w3schools.com/tags/ref_httpmethods.asp)

SQLite Viewer <http://inloop.github.io/sqlite-viewer/>

### **UNIX Epoch Time Converter**

<http://www.vk2zay.net/calculators/epochTimeConverter.php>

### **Network Traffic Analysis:**

To help analyze packets

<https://www.wireshark.org/#download>

<https://packettotal.com/>

### **Scanning & Reconnaissance:**

### **Wireless Access Exploitation:**

### **Web Application Exploitation:**

### **Hashing:**

MD5 hash:

<http://onlinemd5.com/>

### **Enumeration and Exploitation:**

Use this to run python online:

[https://www.tutorialspoint.com/execute\\_python\\_online.php](https://www.tutorialspoint.com/execute_python_online.php)

<https://repl.it/repls/PowerfulShallowIcelandicsheepdog>

### **??? Category:**

Text analyzer:

<https://www.online-utility.org/text/analyzer.jsp>

Exploit Database:

<https://www.exploit-db.com/search/>

## 1. Open Source Intelligence

- a. Google
- b. Wikipedia
- c. Youtube
- d. Wayback Machine

## 2. Cryptography

- a. [Rumkin Cipher Tools](#)
- b. [dCode](#)
- c. [ASCII to Hex Tools](#)
- d. [Metapicz](#) - (use this with weblink to photo)
- e. <https://www.pic2map.com/> - (Use this with photos on local drive)
- f. <https://morsecode.scphillips.com/translator.html>
- g. Digital Invisible Ink Toolkit
- h. Cipher Wheel <https://inventwithpython.com/cipherwheel/>

## 3. Password Cracking

- a. [Hashkiller](#)
- b. [Crackstation](#)
- c. md5 Hash Generator <http://www.miraclesalad.com/webtools/md5.php>
- d. John the Ripper (bruteforce, wordlist, hybrid, mask)

## 4. Log Analysis

- a. Microsoft Excel
- b. Notepad++
- c. (custom script in Python, Powershell, Javascript, etc)

## 5. Network Traffic Analysis

- a. [https://en.wikipedia.org/wiki/List\\_of\\_DNS\\_record\\_types](https://en.wikipedia.org/wiki/List_of_DNS_record_types)
- b. Wireshark
- c. Tshark

## 6. Scanning & Reconnaissance

- a. Dirbuster
- b. Dirb

## 7. Wireless Access Exploitation

- a. Aircrack-ng
- b. John the Ripper

## 8. Web Application Exploitation

- a. Nikto
- b. Google Chrome / Firefox Developer Tools

- c. <https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers>

## 9. Enumeration and Exploitation

- a. GNU Debugger (GDB)
- b. Radare 2
- c. Java decompiler
- d. Python decompiler
- e. [https://www.onlinegdb.com/online\\_python\\_debugger](https://www.onlinegdb.com/online_python_debugger)
- f. <http://www.pythontutor.com/visualize.html#mode=edit>