

Sherlock CTF Cheat Sheet

LOOKS CAN BE DECEIVING:

HINT 1: This is really an MP3 file. Try changing the extension and experiment with Audacity.

PYTHON PLAYGROUND:

HINT 1: Basic Shell Commands: <https://www.liquidweb.com/kb/new-user-tutorial-basic-shell-commands/>

TURING:

HINT 1: Reverse engineer a C binary to find the password.

HINT 2: Debug with GDB: <http://www.thegeekstuff.com/2010/03/debug-c-program-using-gdb>

MOUSE AND WIRE:

HINT 1: Check the cookie at a certain time and set it to the correct value to find the password.

ENIGMA:

HINT 1: Look towards expanding on the solution to the Turing challenge.

TFW NO SQL:

HINT 1: Try a PHP injection instead of an SQL injection.

HINT 2: Try ``' || 1``.

CROSS COOK:

HINT 1: Check the cookies for the MD5 hash value.

HINT 2: MD5: <http://www.miraclesalad.com/webtools/md5.php>

HIDE AND SEEK:

HINT 1: **HINT 1:** Analyze Contents of an Image: <http://www.makeuseof.com/tag/exif-photo-data-find-understand/>

NETWORK FORENSIC:

HINT 1: Use Wireshark to Decrypt a File: <https://ask.wireshark.org/questions/20538/can-we-get-a-decrypt-ed-pcap-from-an-encrypted-pcap-file-through-some-command-if-i-have-private-key>

CRYPTOGRAPHY:

HINT 1: Affine Cipher: <http://rumkin.com/tools/cipher/affine.php>

HINT 2: Vegenere Cipher: <http://www.dcode.fr/vigenere-cipher>

HINT 3: Railfence Cipher: <http://rumkin.com/tools/cipher/railfence.php>

HINT 4: Playfair Cipher: <http://rumkin.com/tools/cipher/playfair.php>