

## ***NCL RESOURCES (UCCS / PCC / PPCC / CSU-P / CYBERDOGS)***

### **OSINT:**

[Free Online EXIF Viewer](<https://www.metadata2go.com/>)

[Google Dork](<https://gist.github.com/sundowndev/283efaddbcf896ab405488330d1bbc06>)

### **CRYPTO:**

[Dcode.fr Cipher Identifier](<https://www.dcode.fr/cipher-identifier>)

[Boxentriq Cipher Identifier](<https://www.boxentriq.com/code-breaking/cipher-identifier>)

[CryptoKait Low-Tech Tools for Competitions](<https://cryptokait.com/2021/02/01/low-tech-tooling-competing-from-a-device-you-cant-install-tools-on/>)

[NCL Gym Crypto '19]([https://pwh.district70.org/ourpages/auto/2019/6/21/48456874/CSU-P%20CRYPTO%20LAB%20Spring%202019%20Gym%20\\_1\\_.pdf](https://pwh.district70.org/ourpages/auto/2019/6/21/48456874/CSU-P%20CRYPTO%20LAB%20Spring%202019%20Gym%20_1_.pdf)) (UCCS)

[Cryptii](<https://cryptii.com/>)

[ASCII to Hex (includes many common cryptography formats)](<https://www.asciitohex.com/>)

[Rapid Tables](<https://www.rapidtables.com/convert/number/binary-to-ascii.html>)

[Unit Conversion Text Converters](<http://www.unit-conversion.info/texttools/category/Converters#data>)

[StegOnline](<https://stegonline.georgeom.net/upload>)

[SVG Path Editor](<https://yqnn.github.io/svg-path-editor/>)

[Digital Invisible Ink Toolkit](<https://sourceforge.net/projects/diit/>)

[Stego Toolkit](<https://github.com/DominicBreuker/stego-toolkit>)

[WavSteg](<https://github.com/ragibson/Steganography#WavSteg>)

[RSA Calculator (Very maths)](<https://www.cs.drexel.edu/~jpopoyack/IntroCS/HW/RSASWorksheet.html>)

[RSA Cipher (Less maths)](<https://www.dcode.fr/rsa-cipher>)

[RSA CTF Tool (command line)](<https://github.com/Ganapati/RsaCtfTool>)

[Bashfuscator](<https://github.com/Bashfuscator/Bashfuscator>)

[Pre-Internet Encryption](<https://defuse.ca/pastebin.htm>)

## **PASSWORD CRACKING AND HASHING**

[Crack Station](<https://crackstation.net/>)

[Rainbow Tables Cracker (remove the colon and crack both sides)](<http://rainbowtables.it64.com/>)

[MD5 Hashing/Hash Identifier](<https://md5hashing.net/>)

[Hash Generator](<https://passwordsgenerator.net/sha1-hash-generator/>)

(Hash Generator) <https://www.miraclesalad.com/webtools/md5.php>

[Hashcat Cheatsheet](<https://github.com/frizb/Hashcat-Cheatsheet>)

[John the Ripper Cheatsheet](<https://countuponsecurity.files.wordpress.com/2016/09/jtr-cheat-sheet.pdf>)

[Password cracking with Random Generation (Purple Rain)](<https://www.netmux.com/blog/purple-rain-attack>)

[Create a custom Wordlist for Password Cracking using Mentalist](<https://null-byte.wonderhowto.com/how-to/create-custom-wordlists-for-password-cracking-using-mentalist-0183992/>)

## **SCANNING:**

[Wfuzz Cheatsheet](<https://certcube.com/wfuzz-cheat-sheet-the-power-of-brute-forcer/>)

[Nmap Online Port Scanner (very limited scans/use command line)](<https://hackertarget.com/nmap-online-port-scanner/>)

[Online API Testing Tool](<https://reqbin.com/>)

## **ENUM AND EXPLOITATION:**

[NCL Gym Enumeration '18](<https://hiimzackjones.github.io/infosec/2018/04/02/NCL-Gym-Exploitation-PYTHON1.html>)

[Code Detector](<https://creativetechguy.com/utilities/codedetector>)

[`ord()` and `chr()` in Python](<https://www.geeksforgeeks.org/ord-function-python/>)

[Decompile `\*.pyc` files](<https://pypi.org/project/uncompyle6/>)

[Java `bytes` Conversion](<https://stackoverflow.com/questions/2817752/java-code-to-convert-byte-to-hexadecimal>)

[CryptoKait on Reverse Engineering](<https://cryptokait.com/2020/09/23/reverse-engineering-fake-it-until-you-make-it/>)

## **WEB APP EXPLOITATION:**

[dir Hunt usage](<https://docs.nekmo.org/dirhunt/usage.html>)

[SQL Injection Guide]([https://www.w3schools.com/sql/sql\\_injection.asp](https://www.w3schools.com/sql/sql_injection.asp))

[OWASP Cheatsheet 1](<https://cheatsheetseries.owasp.org/>)

[OWASP Cheatsheet 2](<https://github.com/OWASP/CheatSheetSeries>)

[SQL Injection Payload List](<https://ismailtasdelen.medium.com/sql-injection-payload-list-b97656cfd66b>)

[FuzzDB](<https://github.com/fuzzdb-project/fuzzdb>)

## **LOG ANALYSIS:**

[Common Log File Formats]([https://publib.boulder.ibm.com/tividd/td/ITWSA/ITWSA\\_info45/en\\_US/HTML/guide/c-logs.html](https://publib.boulder.ibm.com/tividd/td/ITWSA/ITWSA_info45/en_US/HTML/guide/c-logs.html))

[Epoch Time Converter](<https://www.epochconverter.com/>)

[AWS Logs](<https://docs.aws.amazon.com/Route53/latest/DeveloperGuide/query-logs.html>)

[Logcat viewer (ANDROID)](<https://code.google.com/archive/p/androidlogcatviewer/downloads>)

[Splunk Cheatsheet 1](<https://wiki.splunk.com/images/2/2b/Cheatsheet.pdf>)

[Splunk Cheatsheet 2]([https://wiki.splunk.com/images/a/a3/Splunk\\_4.x\\_cheatsheet.pdf](https://wiki.splunk.com/images/a/a3/Splunk_4.x_cheatsheet.pdf))

[Splunk Commands Reference]  
(<https://docs.splunk.com/Documentation/SplunkCloud/latest/SearchReference/ListOfSearchCommands>)

[Log Parser](<https://www.mysensors.org/build/parser>)

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[Nmap Online Port Scanner (very limited scans/use command line)](<https://hackertarget.com/nmap-online-port-scanner/>)

[Online API Testing Tool](<https://reqbin.com/>)

## FORENSICS:

[Hex Headers File Signatures]([https://www.garykessler.net/library/file\\_sigs.html](https://www.garykessler.net/library/file_sigs.html))

[Convert Hex to Image](<https://onlinehextools.com/convert-hex-to-image>)

[JPEG File Format and Layout](<http://vip.sugovica.hu/Sardi/kepnezo/JPEG%20File%20Layout%20and%20Format.htm>)

[Analyze File Headers (left menu, bottom)](<https://asecuritysite.com/forensics/png?file=%2Flog%2Fbasn0g02.png>)

[Cyber Chef (multi use tool)](<https://gchq.github.io/CyberChef/>)

[Parse Chrome Metadata Files (history/bookmark files and such)](<https://github.com/JRBANCEL/Chromagnon/tree/SNSS>)

## MISC:

[Kali Default Creds](<https://www.kali.org/docs/introduction/default-credentials/>)

[NCL Gym Spring 21 Training]([https://docs.google.com/document/d/1t7wpiVNLZoDOBUY-AYVpJhRDr4\\_uawCAifjSKC-5wmw/](https://docs.google.com/document/d/1t7wpiVNLZoDOBUY-AYVpJhRDr4_uawCAifjSKC-5wmw/))