<https://github.com/lz4/lz4/releases/tag/v1.9.2>

Extracting lz4 compressed file.

<https://primer.picoctf.org/#_git_version_control>

Good for recovering lost file

<https://tr0id.medium.com/working-with-stripped-binaries-in-gdb-cacacd7d5a33>

Gdb debugging for stripped binary file

<https://lettieri.iet.unipi.it/hacking/format-strings.pdf>

Format-string problem with printf

<https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-ubuntu/>

Installing MongoDB

<https://x64dbg.com/>

Installing x64dbg (for anti-debug program)

<https://github.com/swisskyrepo/PayloadsAllTheThings/tree/master/NoSQL%20Injection>

Nosql injection instructions

<https://docs.python.org/3/library/dis.html>

Disassemble python code

<https://www.youtube.com/watch?v=eiaLbT9ZDyA>

File uploading vulnerabilities

<https://portswigger.net/web-security/file-upload>

File-upload vulnerabilities

<https://www.youtube.com/watch?v=wNhiR-U_sSI>

Set up ScyllaHide plug-in

<https://www.cleverfiles.com/lp/data-recovery-software.html?gad_source=1&gclid=CjwKCAjw7-SvBhB6EiwAwYdCAVwEm7lLxkP4VCQFAUh6b9j_IDTesOBKtBLrKIYkrPHoOw_-G_eLihoCQDQQAvD_BwE>

Installing Diskdrill for opening disk.img

<https://superuser.com/questions/1757307/how-to-set-an-images-date-and-time-with-timezone-with-exiftool>

Change timestamp.

<https://infosecresearcher.medium.com/ctf-mindset-development-getting-started-and-advancing-in-ctf-a0118741c7f5>

Tool resources

<https://gchq.github.io/CyberChef/#recipe=From_Hex('Auto')&input=MHg3MCAweDY5IDB4NjMgMHg2ZiAweDQzIDB4NTQgMHg0NiAweDdiIDB4MzQgMHgzNSAweDYzIDB4MzEgMHgzMSAweDVmIDB4NmUgMHgzMCAweDVmIDB4NzEgMHg3NSAweDMzIDB4MzUgMHgzNyAweDMxIDB4MzAgMHg2ZSAweDM1IDB4NWYgMHgzMSAweDZjIDB4NmMgMHg1ZiAweDc0IDB4MzMgMHgzMSAweDMxIDB4NWYgMHg3OSAweDMzIDB4NWYgMHg2ZSAweDMwIDB4NWYgMHg2YyAweDMxIDB4MzMgMHgzNSAweDVmIDB4MzQgMHgzNCAweDM1IDB4NjQgMHgzNCAweDMxIDB4MzggMHgzMCAweDdk>

Tools for fast converting hex output/input. It can used to brute force xor or any type of decode.

<https://portswigger.net/web-security/xxe>

XML external entity Injection

<https://josephkimiri.github.io/posts/readmycert/>

Reading certificate signing (CSR)

<https://github.com/Pulho/sigBits>

MSB steganography. However, for python3 environment, use this link to install sigBits.py:<https://raw.githubusercontent.com/Pulho/sigBits/master/sigBits.py>

<https://www.geeksforgeeks.org/crontab-in-linux-with-examples/>

However, use zsteg for automated search

Crontab for automated command

<https://docs.pwntools.com/en/stable/fmtstr.html>

Auto format-string exploit tools

<https://wiki.sleuthkit.org/index.php?title=The_Sleuth_Kit>

A tool kit for analyzing disk images. See here for instructions:<https://medium.com/@andrewss112/picoctf-write-up-sleuthkit-apprentice-e59dd0536092>. Or, use disk drill software if you’re lazy (real lazyyy like me).

<https://www.guballa.de/vigenere-solver>

Vigenere key breaker

<https://people.csail.mit.edu/madhu/ST12/scribe/lect06.pdf>

Solve polynomial interpolation in nln^2(n) time complexity