

grc

CTF Tools

Binary

Recommended:

- IDA Pro, Binary Ninja or Hopper
- Radare2 or GDB PEDA
- Linux environment with multiarch support
- pwntools

Optional/challenge-specific:

- angr
- QEMU
- ROPgadget, Ropper or equivalent
- libc-database

Web

Recommended:

- Google Chrome or Firefox Dev Edition
- Burp Suite or equivalent

Optional/challenge-specific:

- sqlmap

Crypto

Recommended:

- OpenSSL

- PyCrypto
- John the Ripper (jumbo edition) or hashcat
- FeatherDuster

Optional/challenge-specific:

- RsaCtfTool (kris' fork)
- HashPump
- Foresight

Forensics

Recommended:

- Any decent hex editor
- Wireshark
- Binwalk
- The Sleuth Kit
- Rekall
- GIMP

Optional/challenge-specific:

- Foremost
- Audacity
- StegSolve
- Steganabra
- Python Pillow

Useful websites

- RequestBin
- Shodan
- x86 Instruction Set Reference

- dCode
- CyberChef