Forensic Investigation Tools for IT Security Expert

Autopsy

http://www.sleuthkit.org/autopsy/

Sleuth Kit (+Autopsy)

https://www.sleuthkit.org/autopsy/

Forensic Investigator

https://splunkbase.splunk.com/app/2895/

Encrypted Disk Detector

https://www.magnetforensics.com/resources/encrypted-disk-detector//

Wireshark

https://www.wireshark.org/

Magnet RAM Capture

https://www.magnetforensics.com/resources/magnet-ram-capture/

Network Miner

https://www.netresec.com/?page=NetworkMiner

NMAP

https://nmap.org/

RAM Capturer

https://belkasoft.com/ram-capturer

Forensic Investigator

https://splunkbase.splunk.com/app/2895/

FAW

https://en.fawproject.com/

FTK Imager

https://www.exterro.com/sorry-for-the-inconvenience

X-Ways Forensics

http://www.x-ways.net/forensics/

HashMyFiles

https://www.nirsoft.net/utils/hash_my_files.html

Crowd Response

https://www.crowdstrike.com/resources/community-tools/

https://geekflare.com/how-to-test-heart-bleed-ssl-vulnerabilities-cve-2014-0160/

NFI Defraser

https://sourceforge.net/projects/defraser/

ExifTool

https://exiftool.org/

Toolsley

https://www.toolsley.com/

SIFT

Dumpzilla

http://www.dumpzilla.org/

Browser History

Foxton has two free exciting tools.

Browser history capturer – capture web browser (chrome, firefox, IE & edge) history on Windows OS.

Browser history viewer – extract and analyze internet activity history from most of modern browsers. Results are shown in the interactive graph, and historical data can be filtered.

ForensicUserInfo

https://github.com/woanware

Kali Linux

https://www.kali.org/

Paladin

https://sumuri.com/software/paladin/

Sleuth Kit

http://www.sleuthkit.org/sleuthkit/

CAINE

https://www.caine-live.net/

https://www.caine-live.net/page5/page5.html