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  + [bluez-hcidump](https://www.kali.org/tools/bluez/#bluez-hcidump)
    - [$ hcidump](https://www.kali.org/tools/bluez/#hcidump)
  + [bluez-meshd](https://www.kali.org/tools/bluez/#bluez-meshd)
    - [$ mesh-cfgclient](https://www.kali.org/tools/bluez/#mesh-cfgclient)
    - [$ mesh-cfgtest](https://www.kali.org/tools/bluez/#mesh-cfgtest)
    - [$ meshctl](https://www.kali.org/tools/bluez/#meshctl)
  + [bluez-obexd](https://www.kali.org/tools/bluez/#bluez-obexd)
  + [bluez-source](https://www.kali.org/tools/bluez/#bluez-source)
  + [bluez-test-scripts](https://www.kali.org/tools/bluez/#bluez-test-scripts)
  + [bluez-test-tools](https://www.kali.org/tools/bluez/#bluez-test-tools)
    - [$ b1ee](https://www.kali.org/tools/bluez/#b1ee)
    - [$ bnep-tester](https://www.kali.org/tools/bluez/#bnep-tester)
    - [$ btvirt](https://www.kali.org/tools/bluez/#btvirt)
    - [$ gap-tester](https://www.kali.org/tools/bluez/#gap-tester)
    - [$ hci-tester](https://www.kali.org/tools/bluez/#hci-tester)
    - [$ hfp](https://www.kali.org/tools/bluez/#hfp)
    - [$ ioctl-tester](https://www.kali.org/tools/bluez/#ioctl-tester)
    - [$ iso-tester](https://www.kali.org/tools/bluez/#iso-tester)
    - [$ isotest](https://www.kali.org/tools/bluez/#isotest)
    - [$ l2cap-tester](https://www.kali.org/tools/bluez/#l2cap-tester)
    - [$ mesh-tester](https://www.kali.org/tools/bluez/#mesh-tester)
    - [$ mgmt-tester](https://www.kali.org/tools/bluez/#mgmt-tester)
    - [$ rfcomm-tester](https://www.kali.org/tools/bluez/#rfcomm-tester)
    - [$ sco-tester](https://www.kali.org/tools/bluez/#sco-tester)
    - [$ smp-tester](https://www.kali.org/tools/bluez/#smp-tester)
    - [$ userchan-tester](https://www.kali.org/tools/bluez/#userchan-tester)
  + [libbluetooth-dev](https://www.kali.org/tools/bluez/#libbluetooth-dev)
  + [libbluetooth3](https://www.kali.org/tools/bluez/#libbluetooth3)
* [**braa$**](https://www.kali.org/tools/braa/)
* [**bruteforce-luks$**](https://www.kali.org/tools/bruteforce-luks/)
* [**bruteforce-salted-openssl$**](https://www.kali.org/tools/bruteforce-salted-openssl/)
* [**bruteforce-wallet$**](https://www.kali.org/tools/bruteforce-wallet/)
* [**bruteshark**](https://www.kali.org/tools/bruteshark/)
  + - [$ brutesharkcli](https://www.kali.org/tools/bruteshark/#brutesharkcli)
* [**brutespray$**](https://www.kali.org/tools/brutespray/)
* [**btscanner$**](https://www.kali.org/tools/btscanner/)
* [**bulk-extractor**](https://www.kali.org/tools/bulk-extractor/)
  + - [$ bulk\_extractor](https://www.kali.org/tools/bulk-extractor/#bulk_extractor)
* [**bully$**](https://www.kali.org/tools/bully/)
* [**burpsuite$**](https://www.kali.org/tools/burpsuite/)
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C

* [**cabextract$**](https://www.kali.org/tools/cabextract/)
* [**cadaver$**](https://www.kali.org/tools/cadaver/)
* [**caldera$**](https://www.kali.org/tools/caldera/)
* [**calico**](https://www.kali.org/tools/calico/)
  + [calicoctl](https://www.kali.org/tools/calico/#calicoctl)
    - [$ calicoctl](https://www.kali.org/tools/calico/#calicoctl-1)
* [**capstone**](https://www.kali.org/tools/capstone/)
  + [capstone-tool](https://www.kali.org/tools/capstone/#capstone-tool)
    - [$ cstool](https://www.kali.org/tools/capstone/#cstool)
  + [libcapstone-dev](https://www.kali.org/tools/capstone/#libcapstone-dev)
  + [libcapstone4](https://www.kali.org/tools/capstone/#libcapstone4)
  + [python3-capstone](https://www.kali.org/tools/capstone/#python3-capstone)
* [**ccrypt**](https://www.kali.org/tools/ccrypt/)
  + [ccrypt](https://www.kali.org/tools/ccrypt/#ccrypt)
    - [$ ccat](https://www.kali.org/tools/ccrypt/#ccat)
    - [$ ccdecrypt](https://www.kali.org/tools/ccrypt/#ccdecrypt)
    - [$ ccencrypt](https://www.kali.org/tools/ccrypt/#ccencrypt)
    - [$ ccguess](https://www.kali.org/tools/ccrypt/#ccguess)
    - [$ ccrypt](https://www.kali.org/tools/ccrypt/#ccrypt-1)
  + [elpa-ps-ccrypt](https://www.kali.org/tools/ccrypt/#elpa-ps-ccrypt)
* [**certgraph$**](https://www.kali.org/tools/certgraph/)
* [**certipy-ad$**](https://www.kali.org/tools/certipy-ad/)
* [**cewl**](https://www.kali.org/tools/cewl/)
  + - [$ cewl](https://www.kali.org/tools/cewl/#cewl-1)
    - [$ fab-cewl](https://www.kali.org/tools/cewl/#fab-cewl)
* [**changeme$**](https://www.kali.org/tools/changeme/)
* [**chaosreader$**](https://www.kali.org/tools/chaosreader/)
* [**cherrytree$**](https://www.kali.org/tools/cherrytree/)
* [**chirp**](https://www.kali.org/tools/chirp/)
  + - [$ chirpw](https://www.kali.org/tools/chirp/#chirpw)
* [**chisel$**](https://www.kali.org/tools/chisel/)
* [**chkrootkit**](https://www.kali.org/tools/chkrootkit/)
  + - [$ chklastlog](https://www.kali.org/tools/chkrootkit/#chklastlog)
    - [$ chkrootkit](https://www.kali.org/tools/chkrootkit/#chkrootkit-1)
    - [$ chkrootkit-daily](https://www.kali.org/tools/chkrootkit/#chkrootkit-daily)
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* [**chntpw**](https://www.kali.org/tools/chntpw/)
  + - [$ chntpw](https://www.kali.org/tools/chntpw/#chntpw-1)
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    - [$ samunlock](https://www.kali.org/tools/chntpw/#samunlock)
    - [$ samusrgrp](https://www.kali.org/tools/chntpw/#samusrgrp)
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  + [chromium](https://www.kali.org/tools/chromium/#chromium)
    - [$ chromium](https://www.kali.org/tools/chromium/#chromium-1)
  + [chromium-common](https://www.kali.org/tools/chromium/#chromium-common)
  + [chromium-driver](https://www.kali.org/tools/chromium/#chromium-driver)
    - [$ chromedriver](https://www.kali.org/tools/chromium/#chromedriver)
  + [chromium-l10n](https://www.kali.org/tools/chromium/#chromium-l10n)
  + [chromium-sandbox](https://www.kali.org/tools/chromium/#chromium-sandbox)
  + [chromium-shell](https://www.kali.org/tools/chromium/#chromium-shell)
    - [$ chromium-shell](https://www.kali.org/tools/chromium/#chromium-shell-1)
* [**cifs-utils**](https://www.kali.org/tools/cifs-utils/)
  + - [$ cifs.idmap](https://www.kali.org/tools/cifs-utils/#cifsidmap)
    - [$ cifs.upcall](https://www.kali.org/tools/cifs-utils/#cifsupcall)
    - [$ cifscreds](https://www.kali.org/tools/cifs-utils/#cifscreds)
    - [$ getcifsacl](https://www.kali.org/tools/cifs-utils/#getcifsacl)
    - [$ mount.cifs](https://www.kali.org/tools/cifs-utils/#mountcifs)
    - [$ mount.smb3](https://www.kali.org/tools/cifs-utils/#mountsmb3)
    - [$ setcifsacl](https://www.kali.org/tools/cifs-utils/#setcifsacl)
    - [$ smb2-quota](https://www.kali.org/tools/cifs-utils/#smb2-quota)
    - [$ smbinfo](https://www.kali.org/tools/cifs-utils/#smbinfo)
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  + - [$ cilium](https://www.kali.org/tools/cilium-cli/#cilium)
* [**cisco-auditing-tool**](https://www.kali.org/tools/cisco-auditing-tool/)
  + - [$ CAT](https://www.kali.org/tools/cisco-auditing-tool/#cat)
* [**cisco-global-exploiter**](https://www.kali.org/tools/cisco-global-exploiter/)
  + - [$ cge.pl](https://www.kali.org/tools/cisco-global-exploiter/#cgepl)
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* [**cisco-torch$**](https://www.kali.org/tools/cisco-torch/)
* [**cisco7crack$**](https://www.kali.org/tools/cisco7crack/)
* [**clamav**](https://www.kali.org/tools/clamav/)
  + [clamav](https://www.kali.org/tools/clamav/#clamav)
    - [$ clambc](https://www.kali.org/tools/clamav/#clambc)
    - [$ clamscan](https://www.kali.org/tools/clamav/#clamscan)
    - [$ clamsubmit](https://www.kali.org/tools/clamav/#clamsubmit)
    - [$ sigtool](https://www.kali.org/tools/clamav/#sigtool)
  + [clamav-base](https://www.kali.org/tools/clamav/#clamav-base)
  + [clamav-daemon](https://www.kali.org/tools/clamav/#clamav-daemon)
    - [$ clamconf](https://www.kali.org/tools/clamav/#clamconf)
    - [$ clamd](https://www.kali.org/tools/clamav/#clamd)
    - [$ clamdtop](https://www.kali.org/tools/clamav/#clamdtop)
    - [$ clamonacc](https://www.kali.org/tools/clamav/#clamonacc)
  + [clamav-docs](https://www.kali.org/tools/clamav/#clamav-docs)
  + [clamav-freshclam](https://www.kali.org/tools/clamav/#clamav-freshclam)
    - [$ freshclam](https://www.kali.org/tools/clamav/#freshclam)
  + [clamav-milter](https://www.kali.org/tools/clamav/#clamav-milter)
    - [$ clamav-milter](https://www.kali.org/tools/clamav/#clamav-milter-1)
  + [clamav-testfiles](https://www.kali.org/tools/clamav/#clamav-testfiles)
  + [clamdscan](https://www.kali.org/tools/clamav/#clamdscan)
    - [$ clamdscan](https://www.kali.org/tools/clamav/#clamdscan-1)
  + [libclamav-dev](https://www.kali.org/tools/clamav/#libclamav-dev)
    - [$ clamav-config](https://www.kali.org/tools/clamav/#clamav-config)
  + [libclamav11t64](https://www.kali.org/tools/clamav/#libclamav11t64)
* [**cloud-enum**](https://www.kali.org/tools/cloud-enum/)
  + - [$ cloud\_enum](https://www.kali.org/tools/cloud-enum/#cloud_enum)
* [**cloudbrute$**](https://www.kali.org/tools/cloudbrute/)
* [**cmospwd$**](https://www.kali.org/tools/cmospwd/)
* [**cmseek$**](https://www.kali.org/tools/cmseek/)
* [**cntlm$**](https://www.kali.org/tools/cntlm/)
* [**code-oss**](https://www.kali.org/tools/code-oss/)
  + - [$ code](https://www.kali.org/tools/code-oss/#code)
    - [$ code-oss](https://www.kali.org/tools/code-oss/#code-oss-1)
    - [$ vscode](https://www.kali.org/tools/code-oss/#vscode)
* [**coercer$**](https://www.kali.org/tools/coercer/)
* [**colly**](https://www.kali.org/tools/colly/)
  + [colly](https://www.kali.org/tools/colly/#colly)
    - [$ colly](https://www.kali.org/tools/colly/#colly-1)
  + [golang-github-gocolly-colly-dev](https://www.kali.org/tools/colly/#golang-github-gocolly-colly-dev)
* [**command-not-found**](https://www.kali.org/tools/command-not-found/)
  + - [$ command-not-found](https://www.kali.org/tools/command-not-found/#command-not-found-1)
    - [$ update-command-not-found](https://www.kali.org/tools/command-not-found/#update-command-not-found)
* [**commix$**](https://www.kali.org/tools/commix/)
* [**copy-router-config**](https://www.kali.org/tools/copy-router-config/)
  + - [$ copy-router-config.pl](https://www.kali.org/tools/copy-router-config/#copy-router-configpl)
    - [$ merge-router-config.pl](https://www.kali.org/tools/copy-router-config/#merge-router-configpl)
* [**cosign$**](https://www.kali.org/tools/cosign/)
* [**covenant-kbx$**](https://www.kali.org/tools/covenant-kbx/)
* [**cowpatty**](https://www.kali.org/tools/cowpatty/)
  + - [$ cowpatty](https://www.kali.org/tools/cowpatty/#cowpatty-1)
    - [$ genpmk](https://www.kali.org/tools/cowpatty/#genpmk)
* [**crack**](https://www.kali.org/tools/crack/)
  + [crack](https://www.kali.org/tools/crack/#crack)
    - [$ Crack](https://www.kali.org/tools/crack/#crack-1)
    - [$ Crack](https://www.kali.org/tools/crack/#crack-2)
    - [$ Crack-Reporter](https://www.kali.org/tools/crack/#crack-reporter)
    - [$ Crack-Reporter](https://www.kali.org/tools/crack/#crack-reporter-1)
  + [crack-common](https://www.kali.org/tools/crack/#crack-common)
  + [crack-md5](https://www.kali.org/tools/crack/#crack-md5)
    - [$ Crack](https://www.kali.org/tools/crack/#crack-3)
    - [$ Crack-Reporter](https://www.kali.org/tools/crack/#crack-reporter-2)
* [**crackle$**](https://www.kali.org/tools/crackle/)
* [**crackmapexec**](https://www.kali.org/tools/crackmapexec/)
  + - [$ cmedb](https://www.kali.org/tools/crackmapexec/#cmedb)
    - [$ crackmapexec](https://www.kali.org/tools/crackmapexec/#crackmapexec-1)
* [**creddump7$**](https://www.kali.org/tools/creddump7/)
* [**cri-tools**](https://www.kali.org/tools/cri-tools/)
  + - [$ crictl](https://www.kali.org/tools/cri-tools/#crictl)
    - [$ critest](https://www.kali.org/tools/cri-tools/#critest)
* [**crowbar$**](https://www.kali.org/tools/crowbar/)
* [**crunch$**](https://www.kali.org/tools/crunch/)
* [**cryptcat$**](https://www.kali.org/tools/cryptcat/)
* [**cryptsetup**](https://www.kali.org/tools/cryptsetup/)
  + [cryptsetup](https://www.kali.org/tools/cryptsetup/#cryptsetup)
    - [$ cryptdisks\_start](https://www.kali.org/tools/cryptsetup/#cryptdisks_start)
    - [$ cryptdisks\_stop](https://www.kali.org/tools/cryptsetup/#cryptdisks_stop)
    - [$ luksformat](https://www.kali.org/tools/cryptsetup/#luksformat)
  + [cryptsetup-bin](https://www.kali.org/tools/cryptsetup/#cryptsetup-bin)
    - [$ cryptsetup](https://www.kali.org/tools/cryptsetup/#cryptsetup-1)
    - [$ integritysetup](https://www.kali.org/tools/cryptsetup/#integritysetup)
    - [$ veritysetup](https://www.kali.org/tools/cryptsetup/#veritysetup)
  + [cryptsetup-initramfs](https://www.kali.org/tools/cryptsetup/#cryptsetup-initramfs)
  + [cryptsetup-ssh](https://www.kali.org/tools/cryptsetup/#cryptsetup-ssh)
    - [$ cryptsetup-ssh](https://www.kali.org/tools/cryptsetup/#cryptsetup-ssh-1)
  + [cryptsetup-suspend](https://www.kali.org/tools/cryptsetup/#cryptsetup-suspend)
  + [libcryptsetup-dev](https://www.kali.org/tools/cryptsetup/#libcryptsetup-dev)
  + [libcryptsetup12](https://www.kali.org/tools/cryptsetup/#libcryptsetup12)
* [**cryptsetup-nuke-password**](https://www.kali.org/tools/cryptsetup-nuke-password/)
* [**cupid-wpa**](https://www.kali.org/tools/cupid-wpa/)
  + [cupid-hostapd](https://www.kali.org/tools/cupid-wpa/#cupid-hostapd)
    - [$ cupid-hostapd](https://www.kali.org/tools/cupid-wpa/#cupid-hostapd-1)
    - [$ cupid-hostapd\_cli](https://www.kali.org/tools/cupid-wpa/#cupid-hostapd_cli)
  + [cupid-wpasupplicant](https://www.kali.org/tools/cupid-wpa/#cupid-wpasupplicant)
    - [$ cupid-wpa\_cli](https://www.kali.org/tools/cupid-wpa/#cupid-wpa_cli)
    - [$ cupid-wpa\_passphrase](https://www.kali.org/tools/cupid-wpa/#cupid-wpa_passphrase)
    - [$ cupid-wpa\_supplicant](https://www.kali.org/tools/cupid-wpa/#cupid-wpa_supplicant)
* [**curl**](https://www.kali.org/tools/curl/)
  + [curl](https://www.kali.org/tools/curl/#curl)
    - [$ curl](https://www.kali.org/tools/curl/#curl-1)
  + [libcurl3t64-gnutls](https://www.kali.org/tools/curl/#libcurl3t64-gnutls)
  + [libcurl4-doc](https://www.kali.org/tools/curl/#libcurl4-doc)
  + [libcurl4-gnutls-dev](https://www.kali.org/tools/curl/#libcurl4-gnutls-dev)
    - [$ curl-config](https://www.kali.org/tools/curl/#curl-config)
  + [libcurl4-openssl-dev](https://www.kali.org/tools/curl/#libcurl4-openssl-dev)
    - [$ curl-config](https://www.kali.org/tools/curl/#curl-config-1)
  + [libcurl4t64](https://www.kali.org/tools/curl/#libcurl4t64)
* [**curlftpfs$**](https://www.kali.org/tools/curlftpfs/)
* [**cutecom$**](https://www.kali.org/tools/cutecom/)
* [**cutycapt$**](https://www.kali.org/tools/cutycapt/)
* [**cymothoa**](https://www.kali.org/tools/cymothoa/)
  + - [$ bgrep](https://www.kali.org/tools/cymothoa/#bgrep)
    - [$ cymothoa](https://www.kali.org/tools/cymothoa/#cymothoa-1)
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D

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* [**davtest$**](https://www.kali.org/tools/davtest/)
* [**dbd$**](https://www.kali.org/tools/dbd/)
* [**dbeaver$**](https://www.kali.org/tools/dbeaver/)
* [**dc3dd$**](https://www.kali.org/tools/dc3dd/)
* [**dcfldd$**](https://www.kali.org/tools/dcfldd/)
* [**ddrescue**](https://www.kali.org/tools/ddrescue/)
  + - [$ dd\_rescue](https://www.kali.org/tools/ddrescue/#dd_rescue)
* [**de4dot$**](https://www.kali.org/tools/de4dot/)
* [**defectdojo**](https://www.kali.org/tools/defectdojo/)
  + - [$ defectdojo](https://www.kali.org/tools/defectdojo/#defectdojo-1)
    - [$ defectdojo-stop](https://www.kali.org/tools/defectdojo/#defectdojo-stop)
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  + - [$ d2j-apk-sign](https://www.kali.org/tools/dex2jar/#d2j-apk-sign)
    - [$ d2j-asm-verify](https://www.kali.org/tools/dex2jar/#d2j-asm-verify)
    - [$ d2j-baksmali](https://www.kali.org/tools/dex2jar/#d2j-baksmali)
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    - [$ d2j-jar2jasmin](https://www.kali.org/tools/dex2jar/#d2j-jar2jasmin)
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    - [$ dex-tools](https://www.kali.org/tools/dex2jar/#dex-tools)
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  + [python3-dfdatetime](https://www.kali.org/tools/dfdatetime/#python3-dfdatetime)
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  + [python3-dfvfs](https://www.kali.org/tools/dfvfs/#python3-dfvfs)
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  + [python3-dfwinreg](https://www.kali.org/tools/dfwinreg/#python3-dfwinreg)
* [**dhcpig$**](https://www.kali.org/tools/dhcpig/)
* [**dirb**](https://www.kali.org/tools/dirb/)
  + - [$ dirb](https://www.kali.org/tools/dirb/#dirb-1)
    - [$ dirb-gendict](https://www.kali.org/tools/dirb/#dirb-gendict)
    - [$ html2dic](https://www.kali.org/tools/dirb/#html2dic)
* [**dirbuster$**](https://www.kali.org/tools/dirbuster/)
* [**dirsearch$**](https://www.kali.org/tools/dirsearch/)
* [**dislocker**](https://www.kali.org/tools/dislocker/)
  + [dislocker](https://www.kali.org/tools/dislocker/#dislocker)
    - [$ dislocker](https://www.kali.org/tools/dislocker/#dislocker-1)
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  + [libdislocker0-dev](https://www.kali.org/tools/dislocker/#libdislocker0-dev)
  + [libdislocker0.7t64](https://www.kali.org/tools/dislocker/#libdislocker07t64)
* [**distorm3**](https://www.kali.org/tools/distorm3/)
  + [libdistorm3-3](https://www.kali.org/tools/distorm3/#libdistorm3-3)
  + [libdistorm3-dev](https://www.kali.org/tools/distorm3/#libdistorm3-dev)
  + [python3-distorm3](https://www.kali.org/tools/distorm3/#python3-distorm3)
* [**dmitry$**](https://www.kali.org/tools/dmitry/)
* [**dns2tcp**](https://www.kali.org/tools/dns2tcp/)
  + - [$ dns2tcpc](https://www.kali.org/tools/dns2tcp/#dns2tcpc)
    - [$ dns2tcpd](https://www.kali.org/tools/dns2tcp/#dns2tcpd)
* [**dnscat2**](https://www.kali.org/tools/dnscat2/)
  + [dnscat2](https://www.kali.org/tools/dnscat2/#dnscat2)
  + [dnscat2-client](https://www.kali.org/tools/dnscat2/#dnscat2-client)
    - [$ dnscat](https://www.kali.org/tools/dnscat2/#dnscat)
  + [dnscat2-server](https://www.kali.org/tools/dnscat2/#dnscat2-server)
    - [$ dnscat2-server](https://www.kali.org/tools/dnscat2/#dnscat2-server-1)
* [**dnschef$**](https://www.kali.org/tools/dnschef/)
* [**dnsenum$**](https://www.kali.org/tools/dnsenum/)
* [**dnsgen$**](https://www.kali.org/tools/dnsgen/)
* [**dnsmap**](https://www.kali.org/tools/dnsmap/)
  + - [$ dnsmap](https://www.kali.org/tools/dnsmap/#dnsmap-1)
    - [$ dnsmap-bulk](https://www.kali.org/tools/dnsmap/#dnsmap-bulk)
* [**dnsrecon$**](https://www.kali.org/tools/dnsrecon/)
* [**dnstracer$**](https://www.kali.org/tools/dnstracer/)
* [**dnstwist$**](https://www.kali.org/tools/dnstwist/)
* [**dnswalk$**](https://www.kali.org/tools/dnswalk/)
* [**dnsx$**](https://www.kali.org/tools/dnsx/)
* [**doona$**](https://www.kali.org/tools/doona/)
* [**dos2unix**](https://www.kali.org/tools/dos2unix/)
  + - [$ dos2unix](https://www.kali.org/tools/dos2unix/#dos2unix-1)
    - [$ mac2unix](https://www.kali.org/tools/dos2unix/#mac2unix)
    - [$ unix2dos](https://www.kali.org/tools/dos2unix/#unix2dos)
    - [$ unix2mac](https://www.kali.org/tools/dos2unix/#unix2mac)
* [**dotdotpwn$**](https://www.kali.org/tools/dotdotpwn/)
* [**dploot**](https://www.kali.org/tools/dploot/)
  + [python3-dploot](https://www.kali.org/tools/dploot/#python3-dploot)
    - [$ dploot](https://www.kali.org/tools/dploot/#dploot)
* [**dradis**](https://www.kali.org/tools/dradis/)
  + - [$ dradis](https://www.kali.org/tools/dradis/#dradis-1)
    - [$ dradis-stop](https://www.kali.org/tools/dradis/#dradis-stop)
* [**driftnet$**](https://www.kali.org/tools/driftnet/)
* [**dscan**](https://www.kali.org/tools/dscan/)
  + [dscan](https://www.kali.org/tools/dscan/#dscan)
    - [$ dscan](https://www.kali.org/tools/dscan/#dscan-1)
  + [dscan-doc](https://www.kali.org/tools/dscan/#dscan-doc)
* [**dsniff**](https://www.kali.org/tools/dsniff/)
  + - [$ arpspoof](https://www.kali.org/tools/dsniff/#arpspoof)
    - [$ dnsspoof](https://www.kali.org/tools/dsniff/#dnsspoof)
    - [$ dsniff](https://www.kali.org/tools/dsniff/#dsniff-1)
    - [$ filesnarf](https://www.kali.org/tools/dsniff/#filesnarf)
    - [$ macof](https://www.kali.org/tools/dsniff/#macof)
    - [$ mailsnarf](https://www.kali.org/tools/dsniff/#mailsnarf)
    - [$ msgsnarf](https://www.kali.org/tools/dsniff/#msgsnarf)
    - [$ sshmitm](https://www.kali.org/tools/dsniff/#sshmitm)
    - [$ sshow](https://www.kali.org/tools/dsniff/#sshow)
    - [$ tcpkill](https://www.kali.org/tools/dsniff/#tcpkill)
    - [$ tcpnice](https://www.kali.org/tools/dsniff/#tcpnice)
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    - [$ webmitm](https://www.kali.org/tools/dsniff/#webmitm)
    - [$ webspy](https://www.kali.org/tools/dsniff/#webspy)
* [**dufflebag$**](https://www.kali.org/tools/dufflebag/)
* [**dumpsterdiver**](https://www.kali.org/tools/dumpsterdiver/)
  + - [$ DumpsterDiver](https://www.kali.org/tools/dumpsterdiver/#dumpsterdiver-1)
* [**dumpzilla$**](https://www.kali.org/tools/dumpzilla/)
* [**dvwa**](https://www.kali.org/tools/dvwa/)
  + - [$ dvwa-start](https://www.kali.org/tools/dvwa/#dvwa-start)
    - [$ dvwa-stop](https://www.kali.org/tools/dvwa/#dvwa-stop)
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E

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* [**eapmd5pass$**](https://www.kali.org/tools/eapmd5pass/)
* [**edb-debugger**](https://www.kali.org/tools/edb-debugger/)
  + [edb-debugger](https://www.kali.org/tools/edb-debugger/#edb-debugger)
    - [$ edb](https://www.kali.org/tools/edb-debugger/#edb)
  + [edb-debugger-plugins](https://www.kali.org/tools/edb-debugger/#edb-debugger-plugins)
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* [**emailharvester$**](https://www.kali.org/tools/emailharvester/)
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* [**enum4linux-ng$**](https://www.kali.org/tools/enum4linux-ng/)
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  + [ettercap-common](https://www.kali.org/tools/ettercap/#ettercap-common)
  + [ettercap-graphical](https://www.kali.org/tools/ettercap/#ettercap-graphical)
    - [$ ettercap](https://www.kali.org/tools/ettercap/#ettercap)
    - [$ ettercap-pkexec](https://www.kali.org/tools/ettercap/#ettercap-pkexec)
    - [$ etterfilter](https://www.kali.org/tools/ettercap/#etterfilter)
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  + [ettercap-text-only](https://www.kali.org/tools/ettercap/#ettercap-text-only)
    - [$ ettercap](https://www.kali.org/tools/ettercap/#ettercap-1)
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* [**evil-winrm$**](https://www.kali.org/tools/evil-winrm/)
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  + [libexiv2-doc](https://www.kali.org/tools/exiv2/#libexiv2-doc)
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    - [$ autoexpect](https://www.kali.org/tools/expect/#autoexpect)
    - [$ autopasswd](https://www.kali.org/tools/expect/#autopasswd)
    - [$ cryptdir](https://www.kali.org/tools/expect/#cryptdir)
    - [$ decryptdir](https://www.kali.org/tools/expect/#decryptdir)
    - [$ dislocate](https://www.kali.org/tools/expect/#dislocate)
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    - [$ expect\_dislocate](https://www.kali.org/tools/expect/#expect_dislocate)
    - [$ expect\_ftp-rfc](https://www.kali.org/tools/expect/#expect_ftp-rfc)
    - [$ expect\_kibitz](https://www.kali.org/tools/expect/#expect_kibitz)
    - [$ expect\_lpunlock](https://www.kali.org/tools/expect/#expect_lpunlock)
    - [$ expect\_mkpasswd](https://www.kali.org/tools/expect/#expect_mkpasswd)
    - [$ expect\_multixterm](https://www.kali.org/tools/expect/#expect_multixterm)
    - [$ expect\_passmass](https://www.kali.org/tools/expect/#expect_passmass)
    - [$ expect\_rftp](https://www.kali.org/tools/expect/#expect_rftp)
    - [$ expect\_rlogin-cwd](https://www.kali.org/tools/expect/#expect_rlogin-cwd)
    - [$ expect\_timed-read](https://www.kali.org/tools/expect/#expect_timed-read)
    - [$ expect\_timed-run](https://www.kali.org/tools/expect/#expect_timed-run)
    - [$ expect\_tknewsbiff](https://www.kali.org/tools/expect/#expect_tknewsbiff)
    - [$ expect\_tkpasswd](https://www.kali.org/tools/expect/#expect_tkpasswd)
    - [$ expect\_unbuffer](https://www.kali.org/tools/expect/#expect_unbuffer)
    - [$ expect\_weather](https://www.kali.org/tools/expect/#expect_weather)
    - [$ expect\_xkibitz](https://www.kali.org/tools/expect/#expect_xkibitz)
    - [$ expect\_xpstat](https://www.kali.org/tools/expect/#expect_xpstat)
    - [$ ftp-rfc](https://www.kali.org/tools/expect/#ftp-rfc)
    - [$ kibitz](https://www.kali.org/tools/expect/#kibitz)
    - [$ lpunlock](https://www.kali.org/tools/expect/#lpunlock)
    - [$ multixterm](https://www.kali.org/tools/expect/#multixterm)
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    - [$ timed-read](https://www.kali.org/tools/expect/#timed-read)
    - [$ timed-run](https://www.kali.org/tools/expect/#timed-run)
    - [$ tknewsbiff](https://www.kali.org/tools/expect/#tknewsbiff)
    - [$ tkpasswd](https://www.kali.org/tools/expect/#tkpasswd)
    - [$ unbuffer](https://www.kali.org/tools/expect/#unbuffer)
    - [$ xkibitz](https://www.kali.org/tools/expect/#xkibitz)
    - [$ xpstat](https://www.kali.org/tools/expect/#xpstat)
  + [tcl-expect](https://www.kali.org/tools/expect/#tcl-expect)
  + [tcl-expect-dev](https://www.kali.org/tools/expect/#tcl-expect-dev)
* [**exploitdb**](https://www.kali.org/tools/exploitdb/)
  + - [$ exploitdb](https://www.kali.org/tools/exploitdb/#exploitdb-1)
    - [$ searchsploit](https://www.kali.org/tools/exploitdb/#searchsploit)
* [**exploitdb-bin-sploits**](https://www.kali.org/tools/exploitdb-bin-sploits/)
  + - [$ exploitdb-bin-sploit](https://www.kali.org/tools/exploitdb-bin-sploits/#exploitdb-bin-sploit)
* [**exploitdb-papers$**](https://www.kali.org/tools/exploitdb-papers/)
* [**ext3grep$**](https://www.kali.org/tools/ext3grep/)
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  + - [$ eyewitness](https://www.kali.org/tools/eyewitness/#eyewitness-1)
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F

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  + - [$ faraday-dispatcher](https://www.kali.org/tools/faraday-agent-dispatcher/#faraday-dispatcher)
* [**faraday-cli$**](https://www.kali.org/tools/faraday-cli/)
* [**fatcat$**](https://www.kali.org/tools/fatcat/)
* [**fcrackzip**](https://www.kali.org/tools/fcrackzip/)
  + - [$ fcrackzip](https://www.kali.org/tools/fcrackzip/#fcrackzip-1)
    - [$ fcrackzipinfo](https://www.kali.org/tools/fcrackzip/#fcrackzipinfo)
* [**fern-wifi-cracker$**](https://www.kali.org/tools/fern-wifi-cracker/)
* [**feroxbuster$**](https://www.kali.org/tools/feroxbuster/)
* [**ferret-sidejack$**](https://www.kali.org/tools/ferret-sidejack/)
* [**ffuf$**](https://www.kali.org/tools/ffuf/)
* [**fierce$**](https://www.kali.org/tools/fierce/)
* [**fiked$**](https://www.kali.org/tools/fiked/)
* [**finalrecon$**](https://www.kali.org/tools/finalrecon/)
* [**firefox-developer-edition-kbx**](https://www.kali.org/tools/firefox-developer-edition-kbx/)
  + [firefox-developer-edition-en-us-kbx](https://www.kali.org/tools/firefox-developer-edition-kbx/#firefox-developer-edition-en-us-kbx)
    - [$ firefox-developer-edition-en-us-kbx](https://www.kali.org/tools/firefox-developer-edition-kbx/#firefox-developer-edition-en-us-kbx-1)
* [**firewalk$**](https://www.kali.org/tools/firewalk/)
* [**firmware-mod-kit**](https://www.kali.org/tools/firmware-mod-kit/)
* [**flashrom**](https://www.kali.org/tools/flashrom/)
  + [flashrom](https://www.kali.org/tools/flashrom/#flashrom)
    - [$ flashrom](https://www.kali.org/tools/flashrom/#flashrom-1)
  + [libflashrom-dev](https://www.kali.org/tools/flashrom/#libflashrom-dev)
  + [libflashrom1](https://www.kali.org/tools/flashrom/#libflashrom1)
* [**foremost$**](https://www.kali.org/tools/foremost/)
* [**forensic-artifacts**](https://www.kali.org/tools/forensic-artifacts/)
  + [forensic-artifacts](https://www.kali.org/tools/forensic-artifacts/#forensic-artifacts)
  + [python3-artifacts](https://www.kali.org/tools/forensic-artifacts/#python3-artifacts)
* [**forensics-colorize**](https://www.kali.org/tools/forensics-colorize/)
  + - [$ colorize](https://www.kali.org/tools/forensics-colorize/#colorize)
    - [$ filecompare](https://www.kali.org/tools/forensics-colorize/#filecompare)
* [**fping**](https://www.kali.org/tools/fping/)
  + - [$ fping](https://www.kali.org/tools/fping/#fping-1)
    - [$ fping6](https://www.kali.org/tools/fping/#fping6)
* [**fragrouter$**](https://www.kali.org/tools/fragrouter/)
* [**framework2$**](https://www.kali.org/tools/framework2/)
* [**freeradius**](https://www.kali.org/tools/freeradius/)
  + [freeradius](https://www.kali.org/tools/freeradius/#freeradius)
    - [$ checkrad](https://www.kali.org/tools/freeradius/#checkrad)
    - [$ freeradius](https://www.kali.org/tools/freeradius/#freeradius-1)
    - [$ rad\_counter](https://www.kali.org/tools/freeradius/#rad_counter)
    - [$ raddebug](https://www.kali.org/tools/freeradius/#raddebug)
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  + [freeradius-common](https://www.kali.org/tools/freeradius/#freeradius-common)
  + [freeradius-config](https://www.kali.org/tools/freeradius/#freeradius-config)
  + [freeradius-dhcp](https://www.kali.org/tools/freeradius/#freeradius-dhcp)
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  + [freeradius-python3](https://www.kali.org/tools/freeradius/#freeradius-python3)
  + [freeradius-redis](https://www.kali.org/tools/freeradius/#freeradius-redis)
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  + [freeradius-utils](https://www.kali.org/tools/freeradius/#freeradius-utils)
    - [$ radclient](https://www.kali.org/tools/freeradius/#radclient)
    - [$ radcrypt](https://www.kali.org/tools/freeradius/#radcrypt)
    - [$ radeapclient](https://www.kali.org/tools/freeradius/#radeapclient)
    - [$ radlast](https://www.kali.org/tools/freeradius/#radlast)
    - [$ radsniff](https://www.kali.org/tools/freeradius/#radsniff)
    - [$ radsqlrelay](https://www.kali.org/tools/freeradius/#radsqlrelay)
    - [$ radtest](https://www.kali.org/tools/freeradius/#radtest)
    - [$ radwho](https://www.kali.org/tools/freeradius/#radwho)
    - [$ radzap](https://www.kali.org/tools/freeradius/#radzap)
    - [$ rlm\_ippool\_tool](https://www.kali.org/tools/freeradius/#rlm_ippool_tool)
    - [$ smbencrypt](https://www.kali.org/tools/freeradius/#smbencrypt)
  + [freeradius-yubikey](https://www.kali.org/tools/freeradius/#freeradius-yubikey)
  + [libfreeradius-dev](https://www.kali.org/tools/freeradius/#libfreeradius-dev)
  + [libfreeradius3](https://www.kali.org/tools/freeradius/#libfreeradius3)
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* [**freerdp2**](https://www.kali.org/tools/freerdp2/)
  + [freerdp2-dev](https://www.kali.org/tools/freerdp2/#freerdp2-dev)
  + [freerdp2-shadow-x11](https://www.kali.org/tools/freerdp2/#freerdp2-shadow-x11)
    - [$ freerdp-shadow-cli](https://www.kali.org/tools/freerdp2/#freerdp-shadow-cli)
  + [freerdp2-wayland](https://www.kali.org/tools/freerdp2/#freerdp2-wayland)
    - [$ wlfreerdp](https://www.kali.org/tools/freerdp2/#wlfreerdp)
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    - [$ xfreerdp](https://www.kali.org/tools/freerdp2/#xfreerdp)
  + [libfreerdp-client2-2t64](https://www.kali.org/tools/freerdp2/#libfreerdp-client2-2t64)
  + [libfreerdp-server2-2t64](https://www.kali.org/tools/freerdp2/#libfreerdp-server2-2t64)
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  + [libwinpr2-2t64](https://www.kali.org/tools/freerdp2/#libwinpr2-2t64)
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  + [winpr-utils](https://www.kali.org/tools/freerdp2/#winpr-utils)
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  + - [$ freport](https://www.kali.org/tools/ftester/#freport)
    - [$ ftest](https://www.kali.org/tools/ftester/#ftest)
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  + [fwbuilder](https://www.kali.org/tools/fwbuilder/#fwbuilder)
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    - [$ fwb\_ipfw](https://www.kali.org/tools/fwbuilder/#fwb_ipfw)
    - [$ fwb\_ipt](https://www.kali.org/tools/fwbuilder/#fwb_ipt)
    - [$ fwb\_pf](https://www.kali.org/tools/fwbuilder/#fwb_pf)
    - [$ fwb\_pix](https://www.kali.org/tools/fwbuilder/#fwb_pix)
    - [$ fwb\_procurve\_acl](https://www.kali.org/tools/fwbuilder/#fwb_procurve_acl)
    - [$ fwbedit](https://www.kali.org/tools/fwbuilder/#fwbedit)
    - [$ fwbuilder](https://www.kali.org/tools/fwbuilder/#fwbuilder-1)
  + [fwbuilder-common](https://www.kali.org/tools/fwbuilder/#fwbuilder-common)
  + [fwbuilder-doc](https://www.kali.org/tools/fwbuilder/#fwbuilder-doc)

G

* [**galleta$**](https://www.kali.org/tools/galleta/)
* [**gdb-peda**](https://www.kali.org/tools/gdb-peda/)
* [**gdisk**](https://www.kali.org/tools/gdisk/)
  + - [$ cgdisk](https://www.kali.org/tools/gdisk/#cgdisk)
    - [$ fixparts](https://www.kali.org/tools/gdisk/#fixparts)
    - [$ gdisk](https://www.kali.org/tools/gdisk/#gdisk-1)
    - [$ sgdisk](https://www.kali.org/tools/gdisk/#sgdisk)
* [**getallurls$**](https://www.kali.org/tools/getallurls/)
* [**getsploit$**](https://www.kali.org/tools/getsploit/)
* [**ghidra$**](https://www.kali.org/tools/ghidra/)
* [**git**](https://www.kali.org/tools/git/)
  + [git](https://www.kali.org/tools/git/#git)
    - [$ git](https://www.kali.org/tools/git/#git-1)
    - [$ git-receive-pack](https://www.kali.org/tools/git/#git-receive-pack)
    - [$ git-shell](https://www.kali.org/tools/git/#git-shell)
    - [$ git-upload-archive](https://www.kali.org/tools/git/#git-upload-archive)
    - [$ git-upload-pack](https://www.kali.org/tools/git/#git-upload-pack)
    - [$ scalar](https://www.kali.org/tools/git/#scalar)
  + [git-all](https://www.kali.org/tools/git/#git-all)
  + [git-cvs](https://www.kali.org/tools/git/#git-cvs)
    - [$ git-cvsserver](https://www.kali.org/tools/git/#git-cvsserver)
  + [git-daemon-run](https://www.kali.org/tools/git/#git-daemon-run)
  + [git-daemon-sysvinit](https://www.kali.org/tools/git/#git-daemon-sysvinit)
  + [git-doc](https://www.kali.org/tools/git/#git-doc)
  + [git-email](https://www.kali.org/tools/git/#git-email)
  + [git-gui](https://www.kali.org/tools/git/#git-gui)
  + [git-man](https://www.kali.org/tools/git/#git-man)
  + [git-mediawiki](https://www.kali.org/tools/git/#git-mediawiki)
  + [git-svn](https://www.kali.org/tools/git/#git-svn)
  + [gitk](https://www.kali.org/tools/git/#gitk)
    - [$ gitk](https://www.kali.org/tools/git/#gitk-1)
  + [gitweb](https://www.kali.org/tools/git/#gitweb)
* [**gitleaks$**](https://www.kali.org/tools/gitleaks/)
* [**glibc**](https://www.kali.org/tools/glibc/)
  + [glibc-doc](https://www.kali.org/tools/glibc/#glibc-doc)
  + [glibc-source](https://www.kali.org/tools/glibc/#glibc-source)
  + [libc-bin](https://www.kali.org/tools/glibc/#libc-bin)
    - [$ getconf](https://www.kali.org/tools/glibc/#getconf)
    - [$ getent](https://www.kali.org/tools/glibc/#getent)
    - [$ iconv](https://www.kali.org/tools/glibc/#iconv)
    - [$ iconvconfig](https://www.kali.org/tools/glibc/#iconvconfig)
    - [$ ld.so](https://www.kali.org/tools/glibc/#ldso)
    - [$ ldconfig](https://www.kali.org/tools/glibc/#ldconfig)
    - [$ ldd](https://www.kali.org/tools/glibc/#ldd)
    - [$ locale](https://www.kali.org/tools/glibc/#locale)
    - [$ localedef](https://www.kali.org/tools/glibc/#localedef)
    - [$ pldd](https://www.kali.org/tools/glibc/#pldd)
    - [$ tzselect](https://www.kali.org/tools/glibc/#tzselect)
    - [$ zdump](https://www.kali.org/tools/glibc/#zdump)
    - [$ zic](https://www.kali.org/tools/glibc/#zic)
  + [libc-dev-bin](https://www.kali.org/tools/glibc/#libc-dev-bin)
    - [$ gencat](https://www.kali.org/tools/glibc/#gencat)
  + [libc-devtools](https://www.kali.org/tools/glibc/#libc-devtools)
    - [$ memusage](https://www.kali.org/tools/glibc/#memusage)
    - [$ memusagestat](https://www.kali.org/tools/glibc/#memusagestat)
    - [$ mtrace](https://www.kali.org/tools/glibc/#mtrace)
    - [$ sotruss](https://www.kali.org/tools/glibc/#sotruss)
    - [$ sprof](https://www.kali.org/tools/glibc/#sprof)
  + [libc-l10n](https://www.kali.org/tools/glibc/#libc-l10n)
  + [libc0.3](https://www.kali.org/tools/glibc/#libc03)
  + [libc0.3-dev](https://www.kali.org/tools/glibc/#libc03-dev)
  + [libc6](https://www.kali.org/tools/glibc/#libc6)
  + [libc6-amd64](https://www.kali.org/tools/glibc/#libc6-amd64)
  + [libc6-dbg](https://www.kali.org/tools/glibc/#libc6-dbg)
  + [libc6-dev](https://www.kali.org/tools/glibc/#libc6-dev)
  + [libc6-dev-i386](https://www.kali.org/tools/glibc/#libc6-dev-i386)
  + [libc6-dev-x32](https://www.kali.org/tools/glibc/#libc6-dev-x32)
  + [libc6-i386](https://www.kali.org/tools/glibc/#libc6-i386)
  + [libc6-mips32](https://www.kali.org/tools/glibc/#libc6-mips32)
  + [libc6-mips64](https://www.kali.org/tools/glibc/#libc6-mips64)
  + [libc6-mipsn32](https://www.kali.org/tools/glibc/#libc6-mipsn32)
  + [libc6-powerpc](https://www.kali.org/tools/glibc/#libc6-powerpc)
  + [libc6-ppc64](https://www.kali.org/tools/glibc/#libc6-ppc64)
  + [libc6-s390](https://www.kali.org/tools/glibc/#libc6-s390)
  + [libc6-sparc](https://www.kali.org/tools/glibc/#libc6-sparc)
  + [libc6-sparc64](https://www.kali.org/tools/glibc/#libc6-sparc64)
  + [libc6-x32](https://www.kali.org/tools/glibc/#libc6-x32)
  + [libc6.1](https://www.kali.org/tools/glibc/#libc61)
  + [libc6.1-dev](https://www.kali.org/tools/glibc/#libc61-dev)
  + [locales](https://www.kali.org/tools/glibc/#locales)
    - [$ locale-gen](https://www.kali.org/tools/glibc/#locale-gen)
    - [$ update-locale](https://www.kali.org/tools/glibc/#update-locale)
    - [$ validlocale](https://www.kali.org/tools/glibc/#validlocale)
  + [locales-all](https://www.kali.org/tools/glibc/#locales-all)
  + [nscd](https://www.kali.org/tools/glibc/#nscd)
    - [$ nscd](https://www.kali.org/tools/glibc/#nscd-1)
    - [$ nscd](https://www.kali.org/tools/glibc/#nscd-2)
* [**gnuradio**](https://www.kali.org/tools/gnuradio/)
  + [gnuradio](https://www.kali.org/tools/gnuradio/#gnuradio)
    - [$ dial\_tone](https://www.kali.org/tools/gnuradio/#dial_tone)
    - [$ display\_qt](https://www.kali.org/tools/gnuradio/#display_qt)
    - [$ gnuradio-companion](https://www.kali.org/tools/gnuradio/#gnuradio-companion)
    - [$ gnuradio-config-info](https://www.kali.org/tools/gnuradio/#gnuradio-config-info)
    - [$ gr-ctrlport-monitor](https://www.kali.org/tools/gnuradio/#gr-ctrlport-monitor)
    - [$ gr-perf-monitorx](https://www.kali.org/tools/gnuradio/#gr-perf-monitorx)
    - [$ gr\_filter\_design](https://www.kali.org/tools/gnuradio/#gr_filter_design)
    - [$ gr\_modtool](https://www.kali.org/tools/gnuradio/#gr_modtool)
    - [$ gr\_plot](https://www.kali.org/tools/gnuradio/#gr_plot)
    - [$ gr\_plot\_const](https://www.kali.org/tools/gnuradio/#gr_plot_const)
    - [$ gr\_plot\_fft](https://www.kali.org/tools/gnuradio/#gr_plot_fft)
    - [$ gr\_plot\_iq](https://www.kali.org/tools/gnuradio/#gr_plot_iq)
    - [$ gr\_plot\_psd](https://www.kali.org/tools/gnuradio/#gr_plot_psd)
    - [$ gr\_plot\_qt](https://www.kali.org/tools/gnuradio/#gr_plot_qt)
    - [$ gr\_read\_file\_metadata](https://www.kali.org/tools/gnuradio/#gr_read_file_metadata)
    - [$ grcc](https://www.kali.org/tools/gnuradio/#grcc)
    - [$ polar\_channel\_construction](https://www.kali.org/tools/gnuradio/#polar_channel_construction)
    - [$ tags\_demo](https://www.kali.org/tools/gnuradio/#tags_demo)
    - [$ uhd\_fft](https://www.kali.org/tools/gnuradio/#uhd_fft)
    - [$ uhd\_rx\_cfile](https://www.kali.org/tools/gnuradio/#uhd_rx_cfile)
    - [$ uhd\_rx\_nogui](https://www.kali.org/tools/gnuradio/#uhd_rx_nogui)
    - [$ uhd\_siggen](https://www.kali.org/tools/gnuradio/#uhd_siggen)
    - [$ uhd\_siggen\_gui](https://www.kali.org/tools/gnuradio/#uhd_siggen_gui)
  + [gnuradio-dev](https://www.kali.org/tools/gnuradio/#gnuradio-dev)
  + [gnuradio-doc](https://www.kali.org/tools/gnuradio/#gnuradio-doc)
  + [libgnuradio-analog3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-analog31010)
  + [libgnuradio-audio3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-audio31010)
  + [libgnuradio-blocks3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-blocks31010)
  + [libgnuradio-channels3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-channels31010)
  + [libgnuradio-digital3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-digital31010)
  + [libgnuradio-dtv3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-dtv31010)
  + [libgnuradio-fec3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-fec31010)
  + [libgnuradio-fft3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-fft31010)
  + [libgnuradio-filter3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-filter31010)
  + [libgnuradio-iio3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-iio31010)
  + [libgnuradio-network3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-network31010)
  + [libgnuradio-pdu3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-pdu31010)
  + [libgnuradio-pmt3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-pmt31010)
  + [libgnuradio-qtgui3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-qtgui31010)
  + [libgnuradio-runtime3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-runtime31010)
  + [libgnuradio-soapy3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-soapy31010)
  + [libgnuradio-trellis3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-trellis31010)
  + [libgnuradio-uhd3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-uhd31010)
  + [libgnuradio-video-sdl3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-video-sdl31010)
  + [libgnuradio-vocoder3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-vocoder31010)
  + [libgnuradio-wavelet3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-wavelet31010)
  + [libgnuradio-zeromq3.10.10](https://www.kali.org/tools/gnuradio/#libgnuradio-zeromq31010)
* [**gobuster$**](https://www.kali.org/tools/gobuster/)
* [**godoh$**](https://www.kali.org/tools/godoh/)
* [**golang-github-binject-go-donut**](https://www.kali.org/tools/golang-github-binject-go-donut/)
  + [golang-github-binject-go-donut](https://www.kali.org/tools/golang-github-binject-go-donut/#golang-github-binject-go-donut)
    - [$ go-donut](https://www.kali.org/tools/golang-github-binject-go-donut/#go-donut)
  + [golang-github-binject-go-donut-dev](https://www.kali.org/tools/golang-github-binject-go-donut/#golang-github-binject-go-donut-dev)
* [**goldeneye$**](https://www.kali.org/tools/goldeneye/)
* [**goofile$**](https://www.kali.org/tools/goofile/)
* [**google-nexus-tools**](https://www.kali.org/tools/google-nexus-tools/)
  + - [$ nexus-adb](https://www.kali.org/tools/google-nexus-tools/#nexus-adb)
    - [$ nexus-fastboot](https://www.kali.org/tools/google-nexus-tools/#nexus-fastboot)
* [**gophish**](https://www.kali.org/tools/gophish/)
  + - [$ gophish](https://www.kali.org/tools/gophish/#gophish-1)
    - [$ gophish-stop](https://www.kali.org/tools/gophish/#gophish-stop)
* [**gospider$**](https://www.kali.org/tools/gospider/)
* [**gowitness$**](https://www.kali.org/tools/gowitness/)
* [**gpart$**](https://www.kali.org/tools/gpart/)
* [**gparted**](https://www.kali.org/tools/gparted/)
  + [gparted](https://www.kali.org/tools/gparted/#gparted)
    - [$ gparted](https://www.kali.org/tools/gparted/#gparted-1)
  + [gparted-common](https://www.kali.org/tools/gparted/#gparted-common)
* [**gpp-decrypt$**](https://www.kali.org/tools/gpp-decrypt/)
* [**gqrx-sdr**](https://www.kali.org/tools/gqrx-sdr/)
  + - [$ gqrx](https://www.kali.org/tools/gqrx-sdr/#gqrx)
* [**gr-air-modes**](https://www.kali.org/tools/gr-air-modes/)
  + [gr-air-modes](https://www.kali.org/tools/gr-air-modes/#gr-air-modes)
    - [$ modes\_rx](https://www.kali.org/tools/gr-air-modes/#modes_rx)
  + [libgnuradio-air-modes1t64](https://www.kali.org/tools/gr-air-modes/#libgnuradio-air-modes1t64)
* [**gr-iqbal**](https://www.kali.org/tools/gr-iqbal/)
  + [gr-iqbal](https://www.kali.org/tools/gr-iqbal/#gr-iqbal)
  + [libgnuradio-iqbalance3.9.0](https://www.kali.org/tools/gr-iqbal/#libgnuradio-iqbalance390)
* [**gr-osmosdr**](https://www.kali.org/tools/gr-osmosdr/)
  + [gr-osmosdr](https://www.kali.org/tools/gr-osmosdr/#gr-osmosdr)
    - [$ osmocom\_fft](https://www.kali.org/tools/gr-osmosdr/#osmocom_fft)
    - [$ osmocom\_siggen\_nogui](https://www.kali.org/tools/gr-osmosdr/#osmocom_siggen_nogui)
  + [libgnuradio-osmosdr0.2.0t64](https://www.kali.org/tools/gr-osmosdr/#libgnuradio-osmosdr020t64)
* [**grokevt**](https://www.kali.org/tools/grokevt/)
  + - [$ grokevt-addlog](https://www.kali.org/tools/grokevt/#grokevt-addlog)
    - [$ grokevt-builddb](https://www.kali.org/tools/grokevt/#grokevt-builddb)
    - [$ grokevt-dumpmsgs](https://www.kali.org/tools/grokevt/#grokevt-dumpmsgs)
    - [$ grokevt-findlogs](https://www.kali.org/tools/grokevt/#grokevt-findlogs)
    - [$ grokevt-parselog](https://www.kali.org/tools/grokevt/#grokevt-parselog)
    - [$ grokevt-ripdll](https://www.kali.org/tools/grokevt/#grokevt-ripdll)
* [**gss-ntlmssp**](https://www.kali.org/tools/gss-ntlmssp/)
  + [gss-ntlmssp](https://www.kali.org/tools/gss-ntlmssp/#gss-ntlmssp)
  + [gss-ntlmssp-dev](https://www.kali.org/tools/gss-ntlmssp/#gss-ntlmssp-dev)
* [**gtkhash**](https://www.kali.org/tools/gtkhash/)
  + [caja-gtkhash](https://www.kali.org/tools/gtkhash/#caja-gtkhash)
  + [gtkhash](https://www.kali.org/tools/gtkhash/#gtkhash)
    - [$ gtkhash](https://www.kali.org/tools/gtkhash/#gtkhash-1)
  + [nemo-gtkhash](https://www.kali.org/tools/gtkhash/#nemo-gtkhash)
  + [thunar-gtkhash](https://www.kali.org/tools/gtkhash/#thunar-gtkhash)
* [**guymager$**](https://www.kali.org/tools/guymager/)
* [**gvm**](https://www.kali.org/tools/gvm/)
  + - [$ gvm-check-setup](https://www.kali.org/tools/gvm/#gvm-check-setup)
    - [$ gvm-feed-update](https://www.kali.org/tools/gvm/#gvm-feed-update)
    - [$ gvm-setup](https://www.kali.org/tools/gvm/#gvm-setup)
    - [$ gvm-start](https://www.kali.org/tools/gvm/#gvm-start)
    - [$ gvm-stop](https://www.kali.org/tools/gvm/#gvm-stop)

H

* [**h8mail$**](https://www.kali.org/tools/h8mail/)
* [**hackrf**](https://www.kali.org/tools/hackrf/)
  + [hackrf](https://www.kali.org/tools/hackrf/#hackrf)
    - [$ hackrf\_biast](https://www.kali.org/tools/hackrf/#hackrf_biast)
    - [$ hackrf\_clock](https://www.kali.org/tools/hackrf/#hackrf_clock)
    - [$ hackrf\_cpldjtag](https://www.kali.org/tools/hackrf/#hackrf_cpldjtag)
    - [$ hackrf\_debug](https://www.kali.org/tools/hackrf/#hackrf_debug)
    - [$ hackrf\_info](https://www.kali.org/tools/hackrf/#hackrf_info)
    - [$ hackrf\_operacake](https://www.kali.org/tools/hackrf/#hackrf_operacake)
    - [$ hackrf\_spiflash](https://www.kali.org/tools/hackrf/#hackrf_spiflash)
    - [$ hackrf\_sweep](https://www.kali.org/tools/hackrf/#hackrf_sweep)
    - [$ hackrf\_transfer](https://www.kali.org/tools/hackrf/#hackrf_transfer)
  + [hackrf-doc](https://www.kali.org/tools/hackrf/#hackrf-doc)
  + [hackrf-firmware](https://www.kali.org/tools/hackrf/#hackrf-firmware)
  + [libhackrf-dev](https://www.kali.org/tools/hackrf/#libhackrf-dev)
  + [libhackrf0](https://www.kali.org/tools/hackrf/#libhackrf0)
* [**hak5-wifi-coconut**](https://www.kali.org/tools/hak5-wifi-coconut/)
  + - [$ wifi\_coconut](https://www.kali.org/tools/hak5-wifi-coconut/#wifi_coconut)
* [**hakrawler$**](https://www.kali.org/tools/hakrawler/)
* [**hamster-sidejack$**](https://www.kali.org/tools/hamster-sidejack/)
* [**hash-identifier$**](https://www.kali.org/tools/hash-identifier/)
* [**hashcat**](https://www.kali.org/tools/hashcat/)
  + [hashcat](https://www.kali.org/tools/hashcat/#hashcat)
    - [$ hashcat](https://www.kali.org/tools/hashcat/#hashcat-1)
  + [hashcat-data](https://www.kali.org/tools/hashcat/#hashcat-data)
* [**hashcat-utils**](https://www.kali.org/tools/hashcat-utils/)
* [**hashdeep**](https://www.kali.org/tools/hashdeep/)
  + - [$ hashdeep](https://www.kali.org/tools/hashdeep/#hashdeep-1)
    - [$ md5deep](https://www.kali.org/tools/hashdeep/#md5deep)
    - [$ sha1deep](https://www.kali.org/tools/hashdeep/#sha1deep)
    - [$ sha256deep](https://www.kali.org/tools/hashdeep/#sha256deep)
    - [$ tigerdeep](https://www.kali.org/tools/hashdeep/#tigerdeep)
    - [$ whirlpooldeep](https://www.kali.org/tools/hashdeep/#whirlpooldeep)
* [**hashid$**](https://www.kali.org/tools/hashid/)
* [**hashrat$**](https://www.kali.org/tools/hashrat/)
* [**havoc$**](https://www.kali.org/tools/havoc/)
* [**hb-honeypot**](https://www.kali.org/tools/hb-honeypot/)
  + - [$ hb-honeypot](https://www.kali.org/tools/hb-honeypot/#hb-honeypot-1)
    - [$ hb\_honeypot.pl](https://www.kali.org/tools/hb-honeypot/#hb_honeypotpl)
* [**hcxtools**](https://www.kali.org/tools/hcxtools/)
  + - [$ hcxeiutool](https://www.kali.org/tools/hcxtools/#hcxeiutool)
    - [$ hcxessidtool](https://www.kali.org/tools/hcxtools/#hcxessidtool)
    - [$ hcxhash2cap](https://www.kali.org/tools/hcxtools/#hcxhash2cap)
    - [$ hcxhashcattool](https://www.kali.org/tools/hcxtools/#hcxhashcattool)
    - [$ hcxhashtool](https://www.kali.org/tools/hcxtools/#hcxhashtool)
    - [$ hcxmactool](https://www.kali.org/tools/hcxtools/#hcxmactool)
    - [$ hcxpcapngtool](https://www.kali.org/tools/hcxtools/#hcxpcapngtool)
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    - [$ hcxpsktool](https://www.kali.org/tools/hcxtools/#hcxpsktool)
    - [$ hcxwltool](https://www.kali.org/tools/hcxtools/#hcxwltool)
    - [$ whoismac](https://www.kali.org/tools/hcxtools/#whoismac)
    - [$ wlancap2wpasec](https://www.kali.org/tools/hcxtools/#wlancap2wpasec)
* [**heartleech$**](https://www.kali.org/tools/heartleech/)
* [**hexinject**](https://www.kali.org/tools/hexinject/)
  + - [$ hex2raw](https://www.kali.org/tools/hexinject/#hex2raw)
    - [$ hexinject](https://www.kali.org/tools/hexinject/#hexinject-1)
    - [$ packets.tcl](https://www.kali.org/tools/hexinject/#packetstcl)
    - [$ prettypacket](https://www.kali.org/tools/hexinject/#prettypacket)
* [**hivex**](https://www.kali.org/tools/hivex/)
  + [libhivex-bin](https://www.kali.org/tools/hivex/#libhivex-bin)
    - [$ hivexget](https://www.kali.org/tools/hivex/#hivexget)
    - [$ hivexml](https://www.kali.org/tools/hivex/#hivexml)
    - [$ hivexsh](https://www.kali.org/tools/hivex/#hivexsh)
  + [libhivex-dev](https://www.kali.org/tools/hivex/#libhivex-dev)
  + [libhivex-ocaml](https://www.kali.org/tools/hivex/#libhivex-ocaml)
  + [libhivex-ocaml-dev](https://www.kali.org/tools/hivex/#libhivex-ocaml-dev)
  + [libhivex0](https://www.kali.org/tools/hivex/#libhivex0)
  + [libwin-hivex-perl](https://www.kali.org/tools/hivex/#libwin-hivex-perl)
    - [$ hivexregedit](https://www.kali.org/tools/hivex/#hivexregedit)
  + [python3-hivex](https://www.kali.org/tools/hivex/#python3-hivex)
  + [ruby-hivex](https://www.kali.org/tools/hivex/#ruby-hivex)
* [**horst$**](https://www.kali.org/tools/horst/)
* [**hostapd-mana**](https://www.kali.org/tools/hostapd-mana/)
  + - [$ hostapd-mana](https://www.kali.org/tools/hostapd-mana/#hostapd-mana-1)
    - [$ hostapd-mana\_cli](https://www.kali.org/tools/hostapd-mana/#hostapd-mana_cli)
* [**hostapd-wpe**](https://www.kali.org/tools/hostapd-wpe/)
  + - [$ hostapd-wpe](https://www.kali.org/tools/hostapd-wpe/#hostapd-wpe-1)
    - [$ hostapd-wpe\_cli](https://www.kali.org/tools/hostapd-wpe/#hostapd-wpe_cli)
* [**hosthunter$**](https://www.kali.org/tools/hosthunter/)
* [**hostsman$**](https://www.kali.org/tools/hostsman/)
* [**hotpatch**](https://www.kali.org/tools/hotpatch/)
  + - [$ hotpatcher](https://www.kali.org/tools/hotpatch/#hotpatcher)
* [**hping3$**](https://www.kali.org/tools/hping3/)
* [**htshells$**](https://www.kali.org/tools/htshells/)
* [**httprint$**](https://www.kali.org/tools/httprint/)
* [**httprobe$**](https://www.kali.org/tools/httprobe/)
* [**httpx-toolkit$**](https://www.kali.org/tools/httpx-toolkit/)
* [**httrack**](https://www.kali.org/tools/httrack/)
  + [httrack](https://www.kali.org/tools/httrack/#httrack)
    - [$ httrack](https://www.kali.org/tools/httrack/#httrack-1)
  + [httrack-doc](https://www.kali.org/tools/httrack/#httrack-doc)
  + [libhttrack-dev](https://www.kali.org/tools/httrack/#libhttrack-dev)
  + [libhttrack2](https://www.kali.org/tools/httrack/#libhttrack2)
  + [proxytrack](https://www.kali.org/tools/httrack/#proxytrack)
    - [$ proxytrack](https://www.kali.org/tools/httrack/#proxytrack-1)
  + [webhttrack](https://www.kali.org/tools/httrack/#webhttrack)
    - [$ htsserver](https://www.kali.org/tools/httrack/#htsserver)
    - [$ webhttrack](https://www.kali.org/tools/httrack/#webhttrack-1)
  + [webhttrack-common](https://www.kali.org/tools/httrack/#webhttrack-common)
* [**hubble$**](https://www.kali.org/tools/hubble/)
* [**humble$**](https://www.kali.org/tools/humble/)
* [**hurl**](https://www.kali.org/tools/hurl/)
  + - [$ hURL](https://www.kali.org/tools/hurl/#hurl-1)
* [**hydra**](https://www.kali.org/tools/hydra/)
  + [hydra](https://www.kali.org/tools/hydra/#hydra)
    - [$ dpl4hydra](https://www.kali.org/tools/hydra/#dpl4hydra)
    - [$ hydra](https://www.kali.org/tools/hydra/#hydra-1)
    - [$ hydra-wizard](https://www.kali.org/tools/hydra/#hydra-wizard)
    - [$ pw-inspector](https://www.kali.org/tools/hydra/#pw-inspector)
  + [hydra-gtk](https://www.kali.org/tools/hydra/#hydra-gtk)
    - [$ xhydra](https://www.kali.org/tools/hydra/#xhydra)
* [**hyperion**](https://www.kali.org/tools/hyperion/)

I

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  + [i2c-tools](https://www.kali.org/tools/i2c-tools/#i2c-tools)
    - [$ ddcmon](https://www.kali.org/tools/i2c-tools/#ddcmon)
    - [$ decode-dimms](https://www.kali.org/tools/i2c-tools/#decode-dimms)
    - [$ decode-edid](https://www.kali.org/tools/i2c-tools/#decode-edid)
    - [$ decode-vaio](https://www.kali.org/tools/i2c-tools/#decode-vaio)
    - [$ i2c-stub-from-dump](https://www.kali.org/tools/i2c-tools/#i2c-stub-from-dump)
    - [$ i2cdetect](https://www.kali.org/tools/i2c-tools/#i2cdetect)
    - [$ i2cdump](https://www.kali.org/tools/i2c-tools/#i2cdump)
    - [$ i2cget](https://www.kali.org/tools/i2c-tools/#i2cget)
    - [$ i2cset](https://www.kali.org/tools/i2c-tools/#i2cset)
    - [$ i2ctransfer](https://www.kali.org/tools/i2c-tools/#i2ctransfer)
  + [libi2c-dev](https://www.kali.org/tools/i2c-tools/#libi2c-dev)
  + [libi2c0](https://www.kali.org/tools/i2c-tools/#libi2c0)
  + [python3-smbus](https://www.kali.org/tools/i2c-tools/#python3-smbus)
* [**iaxflood$**](https://www.kali.org/tools/iaxflood/)
* [**ibombshell$**](https://www.kali.org/tools/ibombshell/)
* [**ident-user-enum$**](https://www.kali.org/tools/ident-user-enum/)
* [**ifenslave**](https://www.kali.org/tools/ifenslave/)
* [**ike-scan**](https://www.kali.org/tools/ike-scan/)
  + - [$ ike-scan](https://www.kali.org/tools/ike-scan/#ike-scan-1)
    - [$ psk-crack](https://www.kali.org/tools/ike-scan/#psk-crack)
* [**imhex**](https://www.kali.org/tools/imhex/)
  + - [$ imhex](https://www.kali.org/tools/imhex/#imhex-1)
    - [$ imhex-updater](https://www.kali.org/tools/imhex/#imhex-updater)
* [**impacket**](https://www.kali.org/tools/impacket/)
  + [python3-impacket](https://www.kali.org/tools/impacket/#python3-impacket)
    - [$ impacket-netview](https://www.kali.org/tools/impacket/#impacket-netview)
    - [$ impacket-rpcdump](https://www.kali.org/tools/impacket/#impacket-rpcdump)
    - [$ impacket-samrdump](https://www.kali.org/tools/impacket/#impacket-samrdump)
    - [$ impacket-secretsdump](https://www.kali.org/tools/impacket/#impacket-secretsdump)
    - [$ impacket-wmiexec](https://www.kali.org/tools/impacket/#impacket-wmiexec)
* [**impacket-scripts**](https://www.kali.org/tools/impacket-scripts/)
  + - [$ impacket-DumpNTLMInfo](https://www.kali.org/tools/impacket-scripts/#impacket-dumpntlminfo)
    - [$ impacket-Get-GPPPassword](https://www.kali.org/tools/impacket-scripts/#impacket-get-gpppassword)
    - [$ impacket-GetADUsers](https://www.kali.org/tools/impacket-scripts/#impacket-getadusers)
    - [$ impacket-GetNPUsers](https://www.kali.org/tools/impacket-scripts/#impacket-getnpusers)
    - [$ impacket-GetUserSPNs](https://www.kali.org/tools/impacket-scripts/#impacket-getuserspns)
    - [$ impacket-addcomputer](https://www.kali.org/tools/impacket-scripts/#impacket-addcomputer)
    - [$ impacket-atexec](https://www.kali.org/tools/impacket-scripts/#impacket-atexec)
    - [$ impacket-changepasswd](https://www.kali.org/tools/impacket-scripts/#impacket-changepasswd)
    - [$ impacket-dcomexec](https://www.kali.org/tools/impacket-scripts/#impacket-dcomexec)
    - [$ impacket-dpapi](https://www.kali.org/tools/impacket-scripts/#impacket-dpapi)
    - [$ impacket-esentutl](https://www.kali.org/tools/impacket-scripts/#impacket-esentutl)
    - [$ impacket-exchanger](https://www.kali.org/tools/impacket-scripts/#impacket-exchanger)
    - [$ impacket-findDelegation](https://www.kali.org/tools/impacket-scripts/#impacket-finddelegation)
    - [$ impacket-getArch](https://www.kali.org/tools/impacket-scripts/#impacket-getarch)
    - [$ impacket-getPac](https://www.kali.org/tools/impacket-scripts/#impacket-getpac)
    - [$ impacket-getST](https://www.kali.org/tools/impacket-scripts/#impacket-getst)
    - [$ impacket-getTGT](https://www.kali.org/tools/impacket-scripts/#impacket-gettgt)
    - [$ impacket-goldenPac](https://www.kali.org/tools/impacket-scripts/#impacket-goldenpac)
    - [$ impacket-karmaSMB](https://www.kali.org/tools/impacket-scripts/#impacket-karmasmb)
    - [$ impacket-keylistattack](https://www.kali.org/tools/impacket-scripts/#impacket-keylistattack)
    - [$ impacket-kintercept](https://www.kali.org/tools/impacket-scripts/#impacket-kintercept)
    - [$ impacket-lookupsid](https://www.kali.org/tools/impacket-scripts/#impacket-lookupsid)
    - [$ impacket-machine\_role](https://www.kali.org/tools/impacket-scripts/#impacket-machine_role)
    - [$ impacket-mimikatz](https://www.kali.org/tools/impacket-scripts/#impacket-mimikatz)
    - [$ impacket-mqtt\_check](https://www.kali.org/tools/impacket-scripts/#impacket-mqtt_check)
    - [$ impacket-mssqlclient](https://www.kali.org/tools/impacket-scripts/#impacket-mssqlclient)
    - [$ impacket-mssqlinstance](https://www.kali.org/tools/impacket-scripts/#impacket-mssqlinstance)
    - [$ impacket-net](https://www.kali.org/tools/impacket-scripts/#impacket-net)
    - [$ impacket-nmapAnswerMachine](https://www.kali.org/tools/impacket-scripts/#impacket-nmapanswermachine)
    - [$ impacket-ntfs-read](https://www.kali.org/tools/impacket-scripts/#impacket-ntfs-read)
    - [$ impacket-ntlmrelayx](https://www.kali.org/tools/impacket-scripts/#impacket-ntlmrelayx)
    - [$ impacket-ping](https://www.kali.org/tools/impacket-scripts/#impacket-ping)
    - [$ impacket-ping6](https://www.kali.org/tools/impacket-scripts/#impacket-ping6)
    - [$ impacket-psexec](https://www.kali.org/tools/impacket-scripts/#impacket-psexec)
    - [$ impacket-raiseChild](https://www.kali.org/tools/impacket-scripts/#impacket-raisechild)
    - [$ impacket-rbcd](https://www.kali.org/tools/impacket-scripts/#impacket-rbcd)
    - [$ impacket-rdp\_check](https://www.kali.org/tools/impacket-scripts/#impacket-rdp_check)
    - [$ impacket-reg](https://www.kali.org/tools/impacket-scripts/#impacket-reg)
    - [$ impacket-registry-read](https://www.kali.org/tools/impacket-scripts/#impacket-registry-read)
    - [$ impacket-rpcmap](https://www.kali.org/tools/impacket-scripts/#impacket-rpcmap)
    - [$ impacket-sambaPipe](https://www.kali.org/tools/impacket-scripts/#impacket-sambapipe)
    - [$ impacket-services](https://www.kali.org/tools/impacket-scripts/#impacket-services)
    - [$ impacket-smbclient](https://www.kali.org/tools/impacket-scripts/#impacket-smbclient)
    - [$ impacket-smbexec](https://www.kali.org/tools/impacket-scripts/#impacket-smbexec)
    - [$ impacket-smbpasswd](https://www.kali.org/tools/impacket-scripts/#impacket-smbpasswd)
    - [$ impacket-smbrelayx](https://www.kali.org/tools/impacket-scripts/#impacket-smbrelayx)
    - [$ impacket-smbserver](https://www.kali.org/tools/impacket-scripts/#impacket-smbserver)
    - [$ impacket-sniff](https://www.kali.org/tools/impacket-scripts/#impacket-sniff)
    - [$ impacket-sniffer](https://www.kali.org/tools/impacket-scripts/#impacket-sniffer)
    - [$ impacket-split](https://www.kali.org/tools/impacket-scripts/#impacket-split)
    - [$ impacket-ticketConverter](https://www.kali.org/tools/impacket-scripts/#impacket-ticketconverter)
    - [$ impacket-ticketer](https://www.kali.org/tools/impacket-scripts/#impacket-ticketer)
    - [$ impacket-tstool](https://www.kali.org/tools/impacket-scripts/#impacket-tstool)
    - [$ impacket-wmipersist](https://www.kali.org/tools/impacket-scripts/#impacket-wmipersist)
    - [$ impacket-wmiquery](https://www.kali.org/tools/impacket-scripts/#impacket-wmiquery)
* [**inetsim$**](https://www.kali.org/tools/inetsim/)
* [**inspectrum$**](https://www.kali.org/tools/inspectrum/)
* [**inspy$**](https://www.kali.org/tools/inspy/)
* [**instaloader$**](https://www.kali.org/tools/instaloader/)
* [**intrace$**](https://www.kali.org/tools/intrace/)
* [**inviteflood$**](https://www.kali.org/tools/inviteflood/)
* [**iodine**](https://www.kali.org/tools/iodine/)
  + - [$ iodine](https://www.kali.org/tools/iodine/#iodine-1)
    - [$ iodine-client-start](https://www.kali.org/tools/iodine/#iodine-client-start)
    - [$ iodined](https://www.kali.org/tools/iodine/#iodined)
* [**ipv6toolkit**](https://www.kali.org/tools/ipv6toolkit/)
  + - [$ addr6](https://www.kali.org/tools/ipv6toolkit/#addr6)
    - [$ blackhole6](https://www.kali.org/tools/ipv6toolkit/#blackhole6)
    - [$ flow6](https://www.kali.org/tools/ipv6toolkit/#flow6)
    - [$ frag6](https://www.kali.org/tools/ipv6toolkit/#frag6)
    - [$ icmp6](https://www.kali.org/tools/ipv6toolkit/#icmp6)
    - [$ jumbo6](https://www.kali.org/tools/ipv6toolkit/#jumbo6)
    - [$ messi](https://www.kali.org/tools/ipv6toolkit/#messi)
    - [$ mldq6](https://www.kali.org/tools/ipv6toolkit/#mldq6)
    - [$ na6](https://www.kali.org/tools/ipv6toolkit/#na6)
    - [$ ni6](https://www.kali.org/tools/ipv6toolkit/#ni6)
    - [$ ns6](https://www.kali.org/tools/ipv6toolkit/#ns6)
    - [$ path6](https://www.kali.org/tools/ipv6toolkit/#path6)
    - [$ ra6](https://www.kali.org/tools/ipv6toolkit/#ra6)
    - [$ rd6](https://www.kali.org/tools/ipv6toolkit/#rd6)
    - [$ rs6](https://www.kali.org/tools/ipv6toolkit/#rs6)
    - [$ scan6](https://www.kali.org/tools/ipv6toolkit/#scan6)
    - [$ script6](https://www.kali.org/tools/ipv6toolkit/#script6)
    - [$ tcp6](https://www.kali.org/tools/ipv6toolkit/#tcp6)
    - [$ udp6](https://www.kali.org/tools/ipv6toolkit/#udp6)
* [**irpas**](https://www.kali.org/tools/irpas/)
  + - [$ ass](https://www.kali.org/tools/irpas/#ass)
    - [$ cdp](https://www.kali.org/tools/irpas/#cdp)
    - [$ dfkaa](https://www.kali.org/tools/irpas/#dfkaa)
    - [$ dhcpx](https://www.kali.org/tools/irpas/#dhcpx)
    - [$ file2cable](https://www.kali.org/tools/irpas/#file2cable)
    - [$ hsrp](https://www.kali.org/tools/irpas/#hsrp)
    - [$ icmp\_redirect](https://www.kali.org/tools/irpas/#icmp_redirect)
    - [$ igrp](https://www.kali.org/tools/irpas/#igrp)
    - [$ inetmask](https://www.kali.org/tools/irpas/#inetmask)
    - [$ irdp](https://www.kali.org/tools/irpas/#irdp)
    - [$ irdpresponder](https://www.kali.org/tools/irpas/#irdpresponder)
    - [$ itrace](https://www.kali.org/tools/irpas/#itrace)
    - [$ netenum](https://www.kali.org/tools/irpas/#netenum)
    - [$ protos](https://www.kali.org/tools/irpas/#protos)
    - [$ tctrace](https://www.kali.org/tools/irpas/#tctrace)
    - [$ timestamp](https://www.kali.org/tools/irpas/#timestamp)
* [**ismtp$**](https://www.kali.org/tools/ismtp/)
* [**isr-evilgrade**](https://www.kali.org/tools/isr-evilgrade/)
  + - [$ evilgrade](https://www.kali.org/tools/isr-evilgrade/#evilgrade)
* [**ivre**](https://www.kali.org/tools/ivre/)
  + [ivre](https://www.kali.org/tools/ivre/#ivre)
    - [$ ivre](https://www.kali.org/tools/ivre/#ivre-1)
  + [ivre-doc](https://www.kali.org/tools/ivre/#ivre-doc)
* [**iw$**](https://www.kali.org/tools/iw/)

J

* [**jadx**](https://www.kali.org/tools/jadx/)
  + - [$ jadx](https://www.kali.org/tools/jadx/#jadx-1)
    - [$ jadx-gui](https://www.kali.org/tools/jadx/#jadx-gui)
* [**javasnoop$**](https://www.kali.org/tools/javasnoop/)
* [**jboss-autopwn**](https://www.kali.org/tools/jboss-autopwn/)
  + - [$ jboss-linux](https://www.kali.org/tools/jboss-autopwn/#jboss-linux)
    - [$ jboss-win](https://www.kali.org/tools/jboss-autopwn/#jboss-win)
* [**jd-gui$**](https://www.kali.org/tools/jd-gui/)
* [**john**](https://www.kali.org/tools/john/)
  + [john](https://www.kali.org/tools/john/#john)
    - [$ SIPdump](https://www.kali.org/tools/john/#sipdump)
    - [$ base64conv](https://www.kali.org/tools/john/#base64conv)
    - [$ bitlocker2john](https://www.kali.org/tools/john/#bitlocker2john)
    - [$ calc\_stat](https://www.kali.org/tools/john/#calc_stat)
    - [$ cprepair](https://www.kali.org/tools/john/#cprepair)
    - [$ dmg2john](https://www.kali.org/tools/john/#dmg2john)
    - [$ eapmd5tojohn](https://www.kali.org/tools/john/#eapmd5tojohn)
    - [$ genmkvpwd](https://www.kali.org/tools/john/#genmkvpwd)
    - [$ gpg2john](https://www.kali.org/tools/john/#gpg2john)
    - [$ hccap2john](https://www.kali.org/tools/john/#hccap2john)
    - [$ john](https://www.kali.org/tools/john/#john-1)
    - [$ keepass2john](https://www.kali.org/tools/john/#keepass2john)
    - [$ mailer](https://www.kali.org/tools/john/#mailer)
    - [$ mkvcalcproba](https://www.kali.org/tools/john/#mkvcalcproba)
    - [$ putty2john](https://www.kali.org/tools/john/#putty2john)
    - [$ racf2john](https://www.kali.org/tools/john/#racf2john)
    - [$ rar2john](https://www.kali.org/tools/john/#rar2john)
    - [$ raw2dyna](https://www.kali.org/tools/john/#raw2dyna)
    - [$ tgtsnarf](https://www.kali.org/tools/john/#tgtsnarf)
    - [$ uaf2john](https://www.kali.org/tools/john/#uaf2john)
    - [$ unafs](https://www.kali.org/tools/john/#unafs)
    - [$ undrop](https://www.kali.org/tools/john/#undrop)
    - [$ unique](https://www.kali.org/tools/john/#unique)
    - [$ unshadow](https://www.kali.org/tools/john/#unshadow)
    - [$ vncpcap2john](https://www.kali.org/tools/john/#vncpcap2john)
    - [$ wpapcap2john](https://www.kali.org/tools/john/#wpapcap2john)
    - [$ zip2john](https://www.kali.org/tools/john/#zip2john)
  + [john-data](https://www.kali.org/tools/john/#john-data)
    - [$ 1password2john](https://www.kali.org/tools/john/#1password2john)
    - [$ 7z2john](https://www.kali.org/tools/john/#7z2john)
    - [$ DPAPImk2john](https://www.kali.org/tools/john/#dpapimk2john)
    - [$ adxcsouf2john](https://www.kali.org/tools/john/#adxcsouf2john)
    - [$ aem2john](https://www.kali.org/tools/john/#aem2john)
    - [$ aix2john](https://www.kali.org/tools/john/#aix2john)
    - [$ andotp2john](https://www.kali.org/tools/john/#andotp2john)
    - [$ androidbackup2john](https://www.kali.org/tools/john/#androidbackup2john)
    - [$ androidfde2john](https://www.kali.org/tools/john/#androidfde2john)
    - [$ ansible2john](https://www.kali.org/tools/john/#ansible2john)
    - [$ apex2john](https://www.kali.org/tools/john/#apex2john)
    - [$ applenotes2john](https://www.kali.org/tools/john/#applenotes2john)
    - [$ aruba2john](https://www.kali.org/tools/john/#aruba2john)
    - [$ atmail2john](https://www.kali.org/tools/john/#atmail2john)
    - [$ axcrypt2john](https://www.kali.org/tools/john/#axcrypt2john)
    - [$ bestcrypt2john](https://www.kali.org/tools/john/#bestcrypt2john)
    - [$ bitcoin2john](https://www.kali.org/tools/john/#bitcoin2john)
    - [$ bitshares2john](https://www.kali.org/tools/john/#bitshares2john)
    - [$ bitwarden2john](https://www.kali.org/tools/john/#bitwarden2john)
    - [$ bks2john](https://www.kali.org/tools/john/#bks2john)
    - [$ blockchain2john](https://www.kali.org/tools/john/#blockchain2john)
    - [$ ccache2john](https://www.kali.org/tools/john/#ccache2john)
    - [$ cisco2john](https://www.kali.org/tools/john/#cisco2john)
    - [$ cracf2john](https://www.kali.org/tools/john/#cracf2john)
    - [$ dashlane2john](https://www.kali.org/tools/john/#dashlane2john)
    - [$ deepsound2john](https://www.kali.org/tools/john/#deepsound2john)
    - [$ diskcryptor2john](https://www.kali.org/tools/john/#diskcryptor2john)
    - [$ dmg2john](https://www.kali.org/tools/john/#dmg2john-1)
    - [$ ecryptfs2john](https://www.kali.org/tools/john/#ecryptfs2john)
    - [$ ejabberd2john](https://www.kali.org/tools/john/#ejabberd2john)
    - [$ electrum2john](https://www.kali.org/tools/john/#electrum2john)
    - [$ encfs2john](https://www.kali.org/tools/john/#encfs2john)
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    - [$ mc](https://www.kali.org/tools/mc/#mc-1)
    - [$ mcdiff](https://www.kali.org/tools/mc/#mcdiff)
    - [$ mcedit](https://www.kali.org/tools/mc/#mcedit)
    - [$ mcview](https://www.kali.org/tools/mc/#mcview)
  + [mc-data](https://www.kali.org/tools/mc/#mc-data)
* [**mdbtools**](https://www.kali.org/tools/mdbtools/)
  + [libmdb3t64](https://www.kali.org/tools/mdbtools/#libmdb3t64)
  + [libmdbsql3t64](https://www.kali.org/tools/mdbtools/#libmdbsql3t64)
  + [mdbtools](https://www.kali.org/tools/mdbtools/#mdbtools)
    - [$ mdb-array](https://www.kali.org/tools/mdbtools/#mdb-array)
    - [$ mdb-count](https://www.kali.org/tools/mdbtools/#mdb-count)
    - [$ mdb-export](https://www.kali.org/tools/mdbtools/#mdb-export)
    - [$ mdb-header](https://www.kali.org/tools/mdbtools/#mdb-header)
    - [$ mdb-hexdump](https://www.kali.org/tools/mdbtools/#mdb-hexdump)
    - [$ mdb-json](https://www.kali.org/tools/mdbtools/#mdb-json)
    - [$ mdb-parsecsv](https://www.kali.org/tools/mdbtools/#mdb-parsecsv)
    - [$ mdb-prop](https://www.kali.org/tools/mdbtools/#mdb-prop)
    - [$ mdb-queries](https://www.kali.org/tools/mdbtools/#mdb-queries)
    - [$ mdb-schema](https://www.kali.org/tools/mdbtools/#mdb-schema)
    - [$ mdb-sql](https://www.kali.org/tools/mdbtools/#mdb-sql)
    - [$ mdb-tables](https://www.kali.org/tools/mdbtools/#mdb-tables)
    - [$ mdb-ver](https://www.kali.org/tools/mdbtools/#mdb-ver)
  + [mdbtools-dev](https://www.kali.org/tools/mdbtools/#mdbtools-dev)
  + [mdbtools-doc](https://www.kali.org/tools/mdbtools/#mdbtools-doc)
  + [odbc-mdbtools](https://www.kali.org/tools/mdbtools/#odbc-mdbtools)
* [**mdk3$**](https://www.kali.org/tools/mdk3/)
* [**mdk4$**](https://www.kali.org/tools/mdk4/)
* [**medusa$**](https://www.kali.org/tools/medusa/)
* [**memdump$**](https://www.kali.org/tools/memdump/)
* [**mercurial**](https://www.kali.org/tools/mercurial/)
  + [mercurial](https://www.kali.org/tools/mercurial/#mercurial)
    - [$ chg](https://www.kali.org/tools/mercurial/#chg)
    - [$ hg](https://www.kali.org/tools/mercurial/#hg)
  + [mercurial-common](https://www.kali.org/tools/mercurial/#mercurial-common)
    - [$ hg-ssh](https://www.kali.org/tools/mercurial/#hg-ssh)
* [**merlin**](https://www.kali.org/tools/merlin/)
  + [golang-github-ne0nd0g-merlin-dev](https://www.kali.org/tools/merlin/#golang-github-ne0nd0g-merlin-dev)
  + [merlin](https://www.kali.org/tools/merlin/#merlin)
  + [merlin-server](https://www.kali.org/tools/merlin/#merlin-server)
    - [$ merlinserver](https://www.kali.org/tools/merlin/#merlinserver)
* [**merlin-agent$**](https://www.kali.org/tools/merlin-agent/)
* [**metacam$**](https://www.kali.org/tools/metacam/)
* [**metagoofil$**](https://www.kali.org/tools/metagoofil/)
* [**metasploit-framework**](https://www.kali.org/tools/metasploit-framework/)
  + - [$ msf-egghunter](https://www.kali.org/tools/metasploit-framework/#msf-egghunter)
    - [$ msf-exe2vba](https://www.kali.org/tools/metasploit-framework/#msf-exe2vba)
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    - [$ msf-halflm\_second](https://www.kali.org/tools/metasploit-framework/#msf-halflm_second)
    - [$ msf-hmac\_sha1\_crack](https://www.kali.org/tools/metasploit-framework/#msf-hmac_sha1_crack)
    - [$ msf-java\_deserializer](https://www.kali.org/tools/metasploit-framework/#msf-java_deserializer)
    - [$ msf-jsobfu](https://www.kali.org/tools/metasploit-framework/#msf-jsobfu)
    - [$ msf-makeiplist](https://www.kali.org/tools/metasploit-framework/#msf-makeiplist)
    - [$ msf-md5\_lookup](https://www.kali.org/tools/metasploit-framework/#msf-md5_lookup)
    - [$ msf-metasm\_shell](https://www.kali.org/tools/metasploit-framework/#msf-metasm_shell)
    - [$ msf-msf\_irb\_shell](https://www.kali.org/tools/metasploit-framework/#msf-msf_irb_shell)
    - [$ msf-nasm\_shell](https://www.kali.org/tools/metasploit-framework/#msf-nasm_shell)
    - [$ msf-pattern\_create](https://www.kali.org/tools/metasploit-framework/#msf-pattern_create)
    - [$ msf-pattern\_offset](https://www.kali.org/tools/metasploit-framework/#msf-pattern_offset)
    - [$ msf-pdf2xdp](https://www.kali.org/tools/metasploit-framework/#msf-pdf2xdp)
    - [$ msf-virustotal](https://www.kali.org/tools/metasploit-framework/#msf-virustotal)
    - [$ msfconsole](https://www.kali.org/tools/metasploit-framework/#msfconsole)
    - [$ msfd](https://www.kali.org/tools/metasploit-framework/#msfd)
    - [$ msfdb](https://www.kali.org/tools/metasploit-framework/#msfdb)
    - [$ msfrpc](https://www.kali.org/tools/metasploit-framework/#msfrpc)
    - [$ msfrpcd](https://www.kali.org/tools/metasploit-framework/#msfrpcd)
    - [$ msfupdate](https://www.kali.org/tools/metasploit-framework/#msfupdate)
    - [$ msfvenom](https://www.kali.org/tools/metasploit-framework/#msfvenom)
* [**mfcuk$**](https://www.kali.org/tools/mfcuk/)
* [**mfoc$**](https://www.kali.org/tools/mfoc/)
* [**mfterm$**](https://www.kali.org/tools/mfterm/)
* [**mimikatz$**](https://www.kali.org/tools/mimikatz/)
* [**minicom**](https://www.kali.org/tools/minicom/)
  + - [$ ascii-xfr](https://www.kali.org/tools/minicom/#ascii-xfr)
    - [$ minicom](https://www.kali.org/tools/minicom/#minicom-1)
    - [$ runscript](https://www.kali.org/tools/minicom/#runscript)
    - [$ xminicom](https://www.kali.org/tools/minicom/#xminicom)
* [**miredo**](https://www.kali.org/tools/miredo/)
  + [miredo](https://www.kali.org/tools/miredo/#miredo)
    - [$ miredo](https://www.kali.org/tools/miredo/#miredo-1)
    - [$ miredo-checkconf](https://www.kali.org/tools/miredo/#miredo-checkconf)
    - [$ teredo-mire](https://www.kali.org/tools/miredo/#teredo-mire)
  + [miredo-server](https://www.kali.org/tools/miredo/#miredo-server)
    - [$ miredo-server](https://www.kali.org/tools/miredo/#miredo-server-1)
* [**missidentify$**](https://www.kali.org/tools/missidentify/)
* [**mitm6$**](https://www.kali.org/tools/mitm6/)
* [**mitmproxy**](https://www.kali.org/tools/mitmproxy/)
  + - [$ mitmdump](https://www.kali.org/tools/mitmproxy/#mitmdump)
    - [$ mitmproxy](https://www.kali.org/tools/mitmproxy/#mitmproxy-1)
    - [$ mitmweb](https://www.kali.org/tools/mitmproxy/#mitmweb)
* [**mongo-tools**](https://www.kali.org/tools/mongo-tools/)
  + - [$ bsondump](https://www.kali.org/tools/mongo-tools/#bsondump)
    - [$ mongodump](https://www.kali.org/tools/mongo-tools/#mongodump)
    - [$ mongoexport](https://www.kali.org/tools/mongo-tools/#mongoexport)
    - [$ mongofiles](https://www.kali.org/tools/mongo-tools/#mongofiles)
    - [$ mongoimport](https://www.kali.org/tools/mongo-tools/#mongoimport)
    - [$ mongorestore](https://www.kali.org/tools/mongo-tools/#mongorestore)
    - [$ mongostat](https://www.kali.org/tools/mongo-tools/#mongostat)
* [**msfpc$**](https://www.kali.org/tools/msfpc/)
* [**multiforcer**](https://www.kali.org/tools/multiforcer/)
  + - [$ multiforcer](https://www.kali.org/tools/multiforcer/#multiforcer-1)
    - [$ showconfig-opencl](https://www.kali.org/tools/multiforcer/#showconfig-opencl)
* [**multimac$**](https://www.kali.org/tools/multimac/)
* [**multimon-ng$**](https://www.kali.org/tools/multimon-ng/)
* [**myrescue**](https://www.kali.org/tools/myrescue/)
  + - [$ myrescue](https://www.kali.org/tools/myrescue/#myrescue-1)
    - [$ myrescue-bitmap2ppm](https://www.kali.org/tools/myrescue/#myrescue-bitmap2ppm)
    - [$ myrescue-stat](https://www.kali.org/tools/myrescue/#myrescue-stat)
* [**mysql-defaults**](https://www.kali.org/tools/mysql-defaults/)
  + [default-libmysqlclient-dev](https://www.kali.org/tools/mysql-defaults/#default-libmysqlclient-dev)
  + [default-libmysqld-dev](https://www.kali.org/tools/mysql-defaults/#default-libmysqld-dev)
  + [default-mysql-client](https://www.kali.org/tools/mysql-defaults/#default-mysql-client)
  + [default-mysql-client-core](https://www.kali.org/tools/mysql-defaults/#default-mysql-client-core)
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N

* [**naabu$**](https://www.kali.org/tools/naabu/)
* [**name-that-hash**](https://www.kali.org/tools/name-that-hash/)
  + - [$ name-that-hash](https://www.kali.org/tools/name-that-hash/#name-that-hash-1)
    - [$ nth](https://www.kali.org/tools/name-that-hash/#nth)
* [**nasm**](https://www.kali.org/tools/nasm/)
  + - [$ nasm](https://www.kali.org/tools/nasm/#nasm-1)
    - [$ ndisasm](https://www.kali.org/tools/nasm/#ndisasm)
* [**nasty$**](https://www.kali.org/tools/nasty/)
* [**nbtscan$**](https://www.kali.org/tools/nbtscan/)
* [**nbtscan-unixwiz$**](https://www.kali.org/tools/nbtscan-unixwiz/)
* [**ncat-w32$**](https://www.kali.org/tools/ncat-w32/)
* [**ncrack$**](https://www.kali.org/tools/ncrack/)
* [**ncurses-hexedit**](https://www.kali.org/tools/ncurses-hexedit/)
  + - [$ hexeditor](https://www.kali.org/tools/ncurses-hexedit/#hexeditor)
* [**net-snmp**](https://www.kali.org/tools/net-snmp/)
  + [libnetsnmptrapd40t64](https://www.kali.org/tools/net-snmp/#libnetsnmptrapd40t64)
  + [libsnmp-base](https://www.kali.org/tools/net-snmp/#libsnmp-base)
  + [libsnmp-dev](https://www.kali.org/tools/net-snmp/#libsnmp-dev)
    - [$ mib2c](https://www.kali.org/tools/net-snmp/#mib2c)
    - [$ mib2c-update](https://www.kali.org/tools/net-snmp/#mib2c-update)
    - [$ net-snmp-config](https://www.kali.org/tools/net-snmp/#net-snmp-config)
  + [libsnmp-perl](https://www.kali.org/tools/net-snmp/#libsnmp-perl)
  + [libsnmp40t64](https://www.kali.org/tools/net-snmp/#libsnmp40t64)
  + [snmp](https://www.kali.org/tools/net-snmp/#snmp)
    - [$ agentxtrap](https://www.kali.org/tools/net-snmp/#agentxtrap)
    - [$ encode\_keychange](https://www.kali.org/tools/net-snmp/#encode_keychange)
    - [$ fixproc](https://www.kali.org/tools/net-snmp/#fixproc)
    - [$ snmp-bridge-mib](https://www.kali.org/tools/net-snmp/#snmp-bridge-mib)
    - [$ snmpbulkget](https://www.kali.org/tools/net-snmp/#snmpbulkget)
    - [$ snmpbulkwalk](https://www.kali.org/tools/net-snmp/#snmpbulkwalk)
    - [$ snmpcheck](https://www.kali.org/tools/net-snmp/#snmpcheck)
    - [$ snmpconf](https://www.kali.org/tools/net-snmp/#snmpconf)
    - [$ snmpdelta](https://www.kali.org/tools/net-snmp/#snmpdelta)
    - [$ snmpdf](https://www.kali.org/tools/net-snmp/#snmpdf)
    - [$ snmpget](https://www.kali.org/tools/net-snmp/#snmpget)
    - [$ snmpgetnext](https://www.kali.org/tools/net-snmp/#snmpgetnext)
    - [$ snmpinform](https://www.kali.org/tools/net-snmp/#snmpinform)
    - [$ snmpnetstat](https://www.kali.org/tools/net-snmp/#snmpnetstat)
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    - [$ snmpstatus](https://www.kali.org/tools/net-snmp/#snmpstatus)
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    - [$ snmptrap](https://www.kali.org/tools/net-snmp/#snmptrap)
    - [$ snmpusm](https://www.kali.org/tools/net-snmp/#snmpusm)
    - [$ snmpvacm](https://www.kali.org/tools/net-snmp/#snmpvacm)
    - [$ snmpwalk](https://www.kali.org/tools/net-snmp/#snmpwalk)
  + [snmpd](https://www.kali.org/tools/net-snmp/#snmpd)
    - [$ net-snmp-create-v3-user](https://www.kali.org/tools/net-snmp/#net-snmp-create-v3-user)
    - [$ snmpd](https://www.kali.org/tools/net-snmp/#snmpd-1)
  + [snmptrapd](https://www.kali.org/tools/net-snmp/#snmptrapd)
    - [$ snmptrapd](https://www.kali.org/tools/net-snmp/#snmptrapd-1)
    - [$ traptoemail](https://www.kali.org/tools/net-snmp/#traptoemail)
  + [tkmib](https://www.kali.org/tools/net-snmp/#tkmib)
    - [$ tkmib](https://www.kali.org/tools/net-snmp/#tkmib-1)
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  + - [$ arp](https://www.kali.org/tools/net-tools/#arp)
    - [$ ifconfig](https://www.kali.org/tools/net-tools/#ifconfig)
    - [$ ipmaddr](https://www.kali.org/tools/net-tools/#ipmaddr)
    - [$ iptunnel](https://www.kali.org/tools/net-tools/#iptunnel)
    - [$ mii-tool](https://www.kali.org/tools/net-tools/#mii-tool)
    - [$ nameif](https://www.kali.org/tools/net-tools/#nameif)
    - [$ netstat](https://www.kali.org/tools/net-tools/#netstat)
    - [$ plipconfig](https://www.kali.org/tools/net-tools/#plipconfig)
    - [$ rarp](https://www.kali.org/tools/net-tools/#rarp)
    - [$ route](https://www.kali.org/tools/net-tools/#route)
    - [$ slattach](https://www.kali.org/tools/net-tools/#slattach)
* [**netbase**](https://www.kali.org/tools/netbase/)
* [**netcat**](https://www.kali.org/tools/netcat/)
  + [netcat-traditional](https://www.kali.org/tools/netcat/#netcat-traditional)
    - [$ nc.traditional](https://www.kali.org/tools/netcat/#nctraditional)
* [**netdiscover$**](https://www.kali.org/tools/netdiscover/)
* [**netexec**](https://www.kali.org/tools/netexec/)
  + - [$ netexec](https://www.kali.org/tools/netexec/#netexec-1)
    - [$ nxc](https://www.kali.org/tools/netexec/#nxc)
    - [$ nxcdb](https://www.kali.org/tools/netexec/#nxcdb)
* [**netmask$**](https://www.kali.org/tools/netmask/)
* [**netsed$**](https://www.kali.org/tools/netsed/)
* [**netsniff-ng**](https://www.kali.org/tools/netsniff-ng/)
  + - [$ astraceroute](https://www.kali.org/tools/netsniff-ng/#astraceroute)
    - [$ bpfc](https://www.kali.org/tools/netsniff-ng/#bpfc)
    - [$ curvetun](https://www.kali.org/tools/netsniff-ng/#curvetun)
    - [$ flowtop](https://www.kali.org/tools/netsniff-ng/#flowtop)
    - [$ ifpps](https://www.kali.org/tools/netsniff-ng/#ifpps)
    - [$ mausezahn](https://www.kali.org/tools/netsniff-ng/#mausezahn)
    - [$ netsniff-ng](https://www.kali.org/tools/netsniff-ng/#netsniff-ng-1)
    - [$ trafgen](https://www.kali.org/tools/netsniff-ng/#trafgen)
* [**netw-ib-ox-ag**](https://www.kali.org/tools/netw-ib-ox-ag/)
  + [netwag](https://www.kali.org/tools/netw-ib-ox-ag/#netwag)
    - [$ netwag](https://www.kali.org/tools/netw-ib-ox-ag/#netwag-1)
  + [netwag-doc](https://www.kali.org/tools/netw-ib-ox-ag/#netwag-doc)
  + [netwox](https://www.kali.org/tools/netw-ib-ox-ag/#netwox)
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  + [netwox-doc](https://www.kali.org/tools/netw-ib-ox-ag/#netwox-doc)
* [**nextnet$**](https://www.kali.org/tools/nextnet/)
* [**nfs-utils**](https://www.kali.org/tools/nfs-utils/)
  + [libnfsidmap-dev](https://www.kali.org/tools/nfs-utils/#libnfsidmap-dev)
  + [libnfsidmap1](https://www.kali.org/tools/nfs-utils/#libnfsidmap1)
  + [nfs-common](https://www.kali.org/tools/nfs-utils/#nfs-common)
    - [$ blkmapd](https://www.kali.org/tools/nfs-utils/#blkmapd)
    - [$ mount.nfs](https://www.kali.org/tools/nfs-utils/#mountnfs)
    - [$ mount.nfs4](https://www.kali.org/tools/nfs-utils/#mountnfs4)
    - [$ mountstats](https://www.kali.org/tools/nfs-utils/#mountstats)
    - [$ nfsconf](https://www.kali.org/tools/nfs-utils/#nfsconf)
    - [$ nfsidmap](https://www.kali.org/tools/nfs-utils/#nfsidmap)
    - [$ nfsiostat](https://www.kali.org/tools/nfs-utils/#nfsiostat)
    - [$ nfsstat](https://www.kali.org/tools/nfs-utils/#nfsstat)
    - [$ rpc.gssd](https://www.kali.org/tools/nfs-utils/#rpcgssd)
    - [$ rpc.idmapd](https://www.kali.org/tools/nfs-utils/#rpcidmapd)
    - [$ rpc.statd](https://www.kali.org/tools/nfs-utils/#rpcstatd)
    - [$ rpc.svcgssd](https://www.kali.org/tools/nfs-utils/#rpcsvcgssd)
    - [$ rpcctl](https://www.kali.org/tools/nfs-utils/#rpcctl)
    - [$ rpcdebug](https://www.kali.org/tools/nfs-utils/#rpcdebug)
    - [$ showmount](https://www.kali.org/tools/nfs-utils/#showmount)
    - [$ sm-notify](https://www.kali.org/tools/nfs-utils/#sm-notify)
    - [$ start-statd](https://www.kali.org/tools/nfs-utils/#start-statd)
    - [$ umount.nfs](https://www.kali.org/tools/nfs-utils/#umountnfs)
    - [$ umount.nfs4](https://www.kali.org/tools/nfs-utils/#umountnfs4)
  + [nfs-kernel-server](https://www.kali.org/tools/nfs-utils/#nfs-kernel-server)
    - [$ exportfs](https://www.kali.org/tools/nfs-utils/#exportfs)
    - [$ fsidd](https://www.kali.org/tools/nfs-utils/#fsidd)
    - [$ nfsdcld](https://www.kali.org/tools/nfs-utils/#nfsdcld)
    - [$ nfsdclddb](https://www.kali.org/tools/nfs-utils/#nfsdclddb)
    - [$ nfsdclnts](https://www.kali.org/tools/nfs-utils/#nfsdclnts)
    - [$ nfsdcltrack](https://www.kali.org/tools/nfs-utils/#nfsdcltrack)
    - [$ nfsref](https://www.kali.org/tools/nfs-utils/#nfsref)
    - [$ rpc.mountd](https://www.kali.org/tools/nfs-utils/#rpcmountd)
    - [$ rpc.nfsd](https://www.kali.org/tools/nfs-utils/#rpcnfsd)
* [**ngrep$**](https://www.kali.org/tools/ngrep/)
* [**nikto**](https://www.kali.org/tools/nikto/)
  + - [$ nikto](https://www.kali.org/tools/nikto/#nikto-1)
    - [$ replay](https://www.kali.org/tools/nikto/#replay)
* [**nipper-ng**](https://www.kali.org/tools/nipper-ng/)
  + - [$ nipper](https://www.kali.org/tools/nipper-ng/#nipper)
* [**nishang$**](https://www.kali.org/tools/nishang/)
* [**nmap**](https://www.kali.org/tools/nmap/)
  + [ncat](https://www.kali.org/tools/nmap/#ncat)
    - [$ ncat](https://www.kali.org/tools/nmap/#ncat-1)
  + [ndiff](https://www.kali.org/tools/nmap/#ndiff)
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  + [nmap](https://www.kali.org/tools/nmap/#nmap)
    - [$ nmap](https://www.kali.org/tools/nmap/#nmap-1)
    - [$ nping](https://www.kali.org/tools/nmap/#nping)
  + [nmap-common](https://www.kali.org/tools/nmap/#nmap-common)
* [**nmapsi4$**](https://www.kali.org/tools/nmapsi4/)
* [**nuclei$**](https://www.kali.org/tools/nuclei/)

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* [**o-saft$**](https://www.kali.org/tools/o-saft/)
* [**oclgausscrack**](https://www.kali.org/tools/oclgausscrack/)
  + - [$ gausscombinator](https://www.kali.org/tools/oclgausscrack/#gausscombinator)
    - [$ gaussfilter](https://www.kali.org/tools/oclgausscrack/#gaussfilter)
    - [$ oclgausscrack](https://www.kali.org/tools/oclgausscrack/#oclgausscrack-1)
* [**odat$**](https://www.kali.org/tools/odat/)
* [**offsec-courses**](https://www.kali.org/tools/offsec-courses/)
  + [offsec-awae](https://www.kali.org/tools/offsec-courses/#offsec-awae)
  + [offsec-awae-python2](https://www.kali.org/tools/offsec-courses/#offsec-awae-python2)
  + [offsec-exp100](https://www.kali.org/tools/offsec-courses/#offsec-exp100)
  + [offsec-exp301](https://www.kali.org/tools/offsec-courses/#offsec-exp301)
  + [offsec-pen300](https://www.kali.org/tools/offsec-courses/#offsec-pen300)
  + [offsec-pwk](https://www.kali.org/tools/offsec-courses/#offsec-pwk)
* [**ohrwurm$**](https://www.kali.org/tools/ohrwurm/)
* [**ollydbg$**](https://www.kali.org/tools/ollydbg/)
* [**onesixtyone$**](https://www.kali.org/tools/onesixtyone/)
* [**openocd$**](https://www.kali.org/tools/openocd/)
* [**openssh**](https://www.kali.org/tools/openssh/)
  + [openssh-client](https://www.kali.org/tools/openssh/#openssh-client)
    - [$ scp](https://www.kali.org/tools/openssh/#scp)
    - [$ sftp](https://www.kali.org/tools/openssh/#sftp)
    - [$ slogin](https://www.kali.org/tools/openssh/#slogin)
    - [$ ssh](https://www.kali.org/tools/openssh/#ssh)
    - [$ ssh-add](https://www.kali.org/tools/openssh/#ssh-add)
    - [$ ssh-agent](https://www.kali.org/tools/openssh/#ssh-agent)
    - [$ ssh-argv0](https://www.kali.org/tools/openssh/#ssh-argv0)
    - [$ ssh-copy-id](https://www.kali.org/tools/openssh/#ssh-copy-id)
    - [$ ssh-keygen](https://www.kali.org/tools/openssh/#ssh-keygen)
    - [$ ssh-keyscan](https://www.kali.org/tools/openssh/#ssh-keyscan)
  + [openssh-server](https://www.kali.org/tools/openssh/#openssh-server)
    - [$ sshd](https://www.kali.org/tools/openssh/#sshd)
  + [openssh-sftp-server](https://www.kali.org/tools/openssh/#openssh-sftp-server)
  + [openssh-tests](https://www.kali.org/tools/openssh/#openssh-tests)
  + [ssh](https://www.kali.org/tools/openssh/#ssh-1)
  + [ssh-askpass-gnome](https://www.kali.org/tools/openssh/#ssh-askpass-gnome)
* [**opentaxii**](https://www.kali.org/tools/opentaxii/)
  + [opentaxii](https://www.kali.org/tools/opentaxii/#opentaxii)
    - [$ opentaxii-add-api-root](https://www.kali.org/tools/opentaxii/#opentaxii-add-api-root)
    - [$ opentaxii-add-collection](https://www.kali.org/tools/opentaxii/#opentaxii-add-collection)
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    - [$ opentaxii-job-cleanup](https://www.kali.org/tools/opentaxii/#opentaxii-job-cleanup)
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    - [$ opentaxii-update-account](https://www.kali.org/tools/opentaxii/#opentaxii-update-account)
  + [opentaxii-doc](https://www.kali.org/tools/opentaxii/#opentaxii-doc)
* [**openvpn$**](https://www.kali.org/tools/openvpn/)
* [**ophcrack**](https://www.kali.org/tools/ophcrack/)
  + [ophcrack](https://www.kali.org/tools/ophcrack/#ophcrack)
    - [$ ophcrack](https://www.kali.org/tools/ophcrack/#ophcrack-1)
  + [ophcrack-cli](https://www.kali.org/tools/ophcrack/#ophcrack-cli)
    - [$ ophcrack-cli](https://www.kali.org/tools/ophcrack/#ophcrack-cli-1)
* [**oscanner$**](https://www.kali.org/tools/oscanner/)
* [**osrframework**](https://www.kali.org/tools/osrframework/)
  + - [$ alias\_generator](https://www.kali.org/tools/osrframework/#alias_generator)
    - [$ alias\_generator.py](https://www.kali.org/tools/osrframework/#alias_generatorpy)
    - [$ checkfy](https://www.kali.org/tools/osrframework/#checkfy)
    - [$ checkfy.py](https://www.kali.org/tools/osrframework/#checkfypy)
    - [$ domainfy](https://www.kali.org/tools/osrframework/#domainfy)
    - [$ domainfy.py](https://www.kali.org/tools/osrframework/#domainfypy)
    - [$ mailfy](https://www.kali.org/tools/osrframework/#mailfy)
    - [$ mailfy.py](https://www.kali.org/tools/osrframework/#mailfypy)
    - [$ osrf](https://www.kali.org/tools/osrframework/#osrf)
    - [$ osrframework-cli](https://www.kali.org/tools/osrframework/#osrframework-cli)
    - [$ phonefy](https://www.kali.org/tools/osrframework/#phonefy)
    - [$ phonefy.py](https://www.kali.org/tools/osrframework/#phonefypy)
    - [$ searchfy](https://www.kali.org/tools/osrframework/#searchfy)
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    - [$ usufy](https://www.kali.org/tools/osrframework/#usufy)
    - [$ usufy.py](https://www.kali.org/tools/osrframework/#usufypy)
* [**outguess**](https://www.kali.org/tools/outguess/)
  + - [$ histogram](https://www.kali.org/tools/outguess/#histogram)
    - [$ outguess](https://www.kali.org/tools/outguess/#outguess-1)
    - [$ outguess-extract](https://www.kali.org/tools/outguess/#outguess-extract)
    - [$ seek\_script](https://www.kali.org/tools/outguess/#seek_script)
* [**owasp-mantra-ff$**](https://www.kali.org/tools/owasp-mantra-ff/)
* [**owl$**](https://www.kali.org/tools/owl/)

P

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* [**pack**](https://www.kali.org/tools/pack/)
  + - [$ dictstat](https://www.kali.org/tools/pack/#dictstat)
    - [$ jpackage](https://www.kali.org/tools/pack/#jpackage)
    - [$ maskgen](https://www.kali.org/tools/pack/#maskgen)
    - [$ pack200](https://www.kali.org/tools/pack/#pack200)
    - [$ policygen](https://www.kali.org/tools/pack/#policygen)
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    - [$ unpack200](https://www.kali.org/tools/pack/#unpack200)
* [**pack2**](https://www.kali.org/tools/pack2/)
  + - [$ pack2](https://www.kali.org/tools/pack2/#pack2-1)
    - [$ pack200](https://www.kali.org/tools/pack2/#pack200)
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* [**pacu$**](https://www.kali.org/tools/pacu/)
* [**padbuster$**](https://www.kali.org/tools/padbuster/)
* [**paros$**](https://www.kali.org/tools/paros/)
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* [**parted**](https://www.kali.org/tools/parted/)
  + [libparted-dev](https://www.kali.org/tools/parted/#libparted-dev)
  + [libparted-fs-resize0t64](https://www.kali.org/tools/parted/#libparted-fs-resize0t64)
  + [libparted-i18n](https://www.kali.org/tools/parted/#libparted-i18n)
  + [libparted2t64](https://www.kali.org/tools/parted/#libparted2t64)
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    - [$ parted](https://www.kali.org/tools/parted/#parted-1)
    - [$ partprobe](https://www.kali.org/tools/parted/#partprobe)
  + [parted-doc](https://www.kali.org/tools/parted/#parted-doc)
* [**pasco$**](https://www.kali.org/tools/pasco/)
* [**passdetective**](https://www.kali.org/tools/passdetective/)
  + - [$ PassDetective](https://www.kali.org/tools/passdetective/#passdetective-1)
* [**passing-the-hash**](https://www.kali.org/tools/passing-the-hash/)
  + - [$ pth-curl](https://www.kali.org/tools/passing-the-hash/#pth-curl)
    - [$ pth-net](https://www.kali.org/tools/passing-the-hash/#pth-net)
    - [$ pth-rpcclient](https://www.kali.org/tools/passing-the-hash/#pth-rpcclient)
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    - [$ pth-smbget](https://www.kali.org/tools/passing-the-hash/#pth-smbget)
    - [$ pth-sqsh](https://www.kali.org/tools/passing-the-hash/#pth-sqsh)
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    - [$ peass](https://www.kali.org/tools/peass-ng/#peass-1)
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* [**perl-cisco-copyconfig**](https://www.kali.org/tools/perl-cisco-copyconfig/)
* [**phishery$**](https://www.kali.org/tools/phishery/)
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* [**php-defaults**](https://www.kali.org/tools/php-defaults/)
  + [libapache2-mod-php](https://www.kali.org/tools/php-defaults/#libapache2-mod-php)
  + [libphp-embed](https://www.kali.org/tools/php-defaults/#libphp-embed)
  + [php](https://www.kali.org/tools/php-defaults/#php)
  + [php-all-dev](https://www.kali.org/tools/php-defaults/#php-all-dev)
  + [php-bcmath](https://www.kali.org/tools/php-defaults/#php-bcmath)
  + [php-bz2](https://www.kali.org/tools/php-defaults/#php-bz2)
  + [php-cgi](https://www.kali.org/tools/php-defaults/#php-cgi)
    - [$ php-cgi.default](https://www.kali.org/tools/php-defaults/#php-cgidefault)
  + [php-cli](https://www.kali.org/tools/php-defaults/#php-cli)
    - [$ phar.default](https://www.kali.org/tools/php-defaults/#phardefault)
    - [$ phar.phar.default](https://www.kali.org/tools/php-defaults/#pharphardefault)
    - [$ php.default](https://www.kali.org/tools/php-defaults/#phpdefault)
  + [php-common](https://www.kali.org/tools/php-defaults/#php-common)
    - [$ phpdismod](https://www.kali.org/tools/php-defaults/#phpdismod)
    - [$ phpenmod](https://www.kali.org/tools/php-defaults/#phpenmod)
    - [$ phpquery](https://www.kali.org/tools/php-defaults/#phpquery)
  + [php-curl](https://www.kali.org/tools/php-defaults/#php-curl)
  + [php-dev](https://www.kali.org/tools/php-defaults/#php-dev)
    - [$ php-config.default](https://www.kali.org/tools/php-defaults/#php-configdefault)
    - [$ phpize.default](https://www.kali.org/tools/php-defaults/#phpizedefault)
  + [php-enchant](https://www.kali.org/tools/php-defaults/#php-enchant)
  + [php-fpm](https://www.kali.org/tools/php-defaults/#php-fpm)
  + [php-gd](https://www.kali.org/tools/php-defaults/#php-gd)
  + [php-gmp](https://www.kali.org/tools/php-defaults/#php-gmp)
  + [php-imap](https://www.kali.org/tools/php-defaults/#php-imap)
  + [php-interbase](https://www.kali.org/tools/php-defaults/#php-interbase)
  + [php-intl](https://www.kali.org/tools/php-defaults/#php-intl)
  + [php-json](https://www.kali.org/tools/php-defaults/#php-json)
  + [php-ldap](https://www.kali.org/tools/php-defaults/#php-ldap)
  + [php-mbstring](https://www.kali.org/tools/php-defaults/#php-mbstring)
  + [php-mysql](https://www.kali.org/tools/php-defaults/#php-mysql)
  + [php-odbc](https://www.kali.org/tools/php-defaults/#php-odbc)
  + [php-pgsql](https://www.kali.org/tools/php-defaults/#php-pgsql)
  + [php-phpdbg](https://www.kali.org/tools/php-defaults/#php-phpdbg)
    - [$ phpdbg.default](https://www.kali.org/tools/php-defaults/#phpdbgdefault)
  + [php-pspell](https://www.kali.org/tools/php-defaults/#php-pspell)
  + [php-readline](https://www.kali.org/tools/php-defaults/#php-readline)
  + [php-snmp](https://www.kali.org/tools/php-defaults/#php-snmp)
  + [php-soap](https://www.kali.org/tools/php-defaults/#php-soap)
  + [php-sqlite3](https://www.kali.org/tools/php-defaults/#php-sqlite3)
  + [php-sybase](https://www.kali.org/tools/php-defaults/#php-sybase)
  + [php-tidy](https://www.kali.org/tools/php-defaults/#php-tidy)
  + [php-xml](https://www.kali.org/tools/php-defaults/#php-xml)
  + [php-zip](https://www.kali.org/tools/php-defaults/#php-zip)
* [**phpggc$**](https://www.kali.org/tools/phpggc/)
* [**phpsploit$**](https://www.kali.org/tools/phpsploit/)
* [**pipal$**](https://www.kali.org/tools/pipal/)
* [**pixiewps$**](https://www.kali.org/tools/pixiewps/)
* [**plaso**](https://www.kali.org/tools/plaso/)
  + [plaso](https://www.kali.org/tools/plaso/#plaso)
  + [python3-plaso](https://www.kali.org/tools/plaso/#python3-plaso)
    - [$ image\_export.py](https://www.kali.org/tools/plaso/#image_exportpy)
    - [$ log2timeline.py](https://www.kali.org/tools/plaso/#log2timelinepy)
    - [$ pinfo.py](https://www.kali.org/tools/plaso/#pinfopy)
    - [$ psort.py](https://www.kali.org/tools/plaso/#psortpy)
    - [$ psteal.py](https://www.kali.org/tools/plaso/#pstealpy)
* [**plocate**](https://www.kali.org/tools/plocate/)
  + - [$ plocate](https://www.kali.org/tools/plocate/#plocate-1)
    - [$ plocate-build](https://www.kali.org/tools/plocate/#plocate-build)
    - [$ updatedb.plocate](https://www.kali.org/tools/plocate/#updatedbplocate)
* [**pnscan**](https://www.kali.org/tools/pnscan/)
  + - [$ pnscan](https://www.kali.org/tools/pnscan/#pnscan-1)
    - [$ t\_listen](https://www.kali.org/tools/pnscan/#t_listen)
* [**pocsuite3**](https://www.kali.org/tools/pocsuite3/)
  + - [$ poc-console](https://www.kali.org/tools/pocsuite3/#poc-console)
    - [$ pocsuite](https://www.kali.org/tools/pocsuite3/#pocsuite)
* [**polenum$**](https://www.kali.org/tools/polenum/)
* [**pompem$**](https://www.kali.org/tools/pompem/)
* [**portspoof**](https://www.kali.org/tools/portspoof/)
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    - [$ portspoof-start](https://www.kali.org/tools/portspoof/#portspoof-start)
    - [$ portspoof-stop](https://www.kali.org/tools/portspoof/#portspoof-stop)
* [**poshc2**](https://www.kali.org/tools/poshc2/)
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    - [$ fpc](https://www.kali.org/tools/poshc2/#fpc)
    - [$ posh](https://www.kali.org/tools/poshc2/#posh)
    - [$ posh-config](https://www.kali.org/tools/poshc2/#posh-config)
    - [$ posh-cookie-decrypter](https://www.kali.org/tools/poshc2/#posh-cookie-decrypter)
    - [$ posh-log](https://www.kali.org/tools/poshc2/#posh-log)
    - [$ posh-project](https://www.kali.org/tools/poshc2/#posh-project)
    - [$ posh-server](https://www.kali.org/tools/poshc2/#posh-server)
    - [$ posh-service](https://www.kali.org/tools/poshc2/#posh-service)
    - [$ posh-stop-service](https://www.kali.org/tools/poshc2/#posh-stop-service)
    - [$ sharpsocks](https://www.kali.org/tools/poshc2/#sharpsocks)
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* [**powershell**](https://www.kali.org/tools/powershell/)
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* [**powershell-empire**](https://www.kali.org/tools/powershell-empire/)
  + - [$ powershell-empire](https://www.kali.org/tools/powershell-empire/#powershell-empire-1)
    - [$ starkiller](https://www.kali.org/tools/powershell-empire/#starkiller)
* [**powersploit$**](https://www.kali.org/tools/powersploit/)
* [**princeprocessor$**](https://www.kali.org/tools/princeprocessor/)
* [**protos-sip$**](https://www.kali.org/tools/protos-sip/)
* [**proxify**](https://www.kali.org/tools/proxify/)
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    - [$ proxify](https://www.kali.org/tools/proxify/#proxify-1)
    - [$ replay-proxify](https://www.kali.org/tools/proxify/#replay-proxify)
* [**proxmark3**](https://www.kali.org/tools/proxmark3/)
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    - [$ proxmark3](https://www.kali.org/tools/proxmark3/#proxmark3-1)
  + [proxmark3-common](https://www.kali.org/tools/proxmark3/#proxmark3-common)
    - [$ pm3](https://www.kali.org/tools/proxmark3/#pm3)
    - [$ pm3-flash](https://www.kali.org/tools/proxmark3/#pm3-flash)
    - [$ pm3-flash-all](https://www.kali.org/tools/proxmark3/#pm3-flash-all)
    - [$ pm3-flash-bootrom](https://www.kali.org/tools/proxmark3/#pm3-flash-bootrom)
    - [$ pm3-flash-fullimage](https://www.kali.org/tools/proxmark3/#pm3-flash-fullimage)
  + [proxmark3-doc](https://www.kali.org/tools/proxmark3/#proxmark3-doc)
  + [proxmark3-firmwares](https://www.kali.org/tools/proxmark3/#proxmark3-firmwares)
* [**proxychains-ng**](https://www.kali.org/tools/proxychains-ng/)
  + [libproxychains4](https://www.kali.org/tools/proxychains-ng/#libproxychains4)
  + [proxychains4](https://www.kali.org/tools/proxychains-ng/#proxychains4)
    - [$ proxychains4](https://www.kali.org/tools/proxychains-ng/#proxychains4-1)
    - [$ proxychains4-daemon](https://www.kali.org/tools/proxychains-ng/#proxychains4-daemon)
* [**proxytunnel$**](https://www.kali.org/tools/proxytunnel/)
* [**pskracker**](https://www.kali.org/tools/pskracker/)
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    - [$ pskracker](https://www.kali.org/tools/pskracker/#pskracker-1)
  + [pskracker-data](https://www.kali.org/tools/pskracker/#pskracker-data)
* [**pspy**](https://www.kali.org/tools/pspy/)
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    - [$ pspy-binaries](https://www.kali.org/tools/pspy/#pspy-binaries)
* [**ptunnel$**](https://www.kali.org/tools/ptunnel/)
* [**pwnat$**](https://www.kali.org/tools/pwnat/)
* [**pwncat$**](https://www.kali.org/tools/pwncat/)
* [**pyinstaller**](https://www.kali.org/tools/pyinstaller/)
  + [python3-pyinstaller](https://www.kali.org/tools/pyinstaller/#python3-pyinstaller)
    - [$ pyi-archive\_viewer](https://www.kali.org/tools/pyinstaller/#pyi-archive_viewer)
    - [$ pyi-bindepend](https://www.kali.org/tools/pyinstaller/#pyi-bindepend)
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    - [$ pyi-makespec](https://www.kali.org/tools/pyinstaller/#pyi-makespec)
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    - [$ pyinstaller](https://www.kali.org/tools/pyinstaller/#pyinstaller)
* [**pyinstxtractor$**](https://www.kali.org/tools/pyinstxtractor/)
* [**python-defaults**](https://www.kali.org/tools/python-defaults/)
  + [libpython-all-dbg](https://www.kali.org/tools/python-defaults/#libpython-all-dbg)
  + [libpython-all-dev](https://www.kali.org/tools/python-defaults/#libpython-all-dev)
  + [libpython2-dbg](https://www.kali.org/tools/python-defaults/#libpython2-dbg)
    - [$ x86\_64-linux-gnu-python2-dbg-config](https://www.kali.org/tools/python-defaults/#x86_64-linux-gnu-python2-dbg-config)
  + [libpython2-dev](https://www.kali.org/tools/python-defaults/#libpython2-dev)
    - [$ x86\_64-linux-gnu-python2-config](https://www.kali.org/tools/python-defaults/#x86_64-linux-gnu-python2-config)
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    - [$ pdb2](https://www.kali.org/tools/python-defaults/#pdb2)
    - [$ pydoc2](https://www.kali.org/tools/python-defaults/#pydoc2)
    - [$ pygettext2](https://www.kali.org/tools/python-defaults/#pygettext2)
  + [python2-dbg](https://www.kali.org/tools/python-defaults/#python2-dbg)
    - [$ python2-dbg](https://www.kali.org/tools/python-defaults/#python2-dbg-1)
    - [$ python2-dbg-config](https://www.kali.org/tools/python-defaults/#python2-dbg-config)
  + [python2-dev](https://www.kali.org/tools/python-defaults/#python2-dev)
    - [$ python2-config](https://www.kali.org/tools/python-defaults/#python2-config)
  + [python2-doc](https://www.kali.org/tools/python-defaults/#python2-doc)
  + [python2-minimal](https://www.kali.org/tools/python-defaults/#python2-minimal)
    - [$ pyclean](https://www.kali.org/tools/python-defaults/#pyclean)
    - [$ pycompile](https://www.kali.org/tools/python-defaults/#pycompile)
    - [$ python2](https://www.kali.org/tools/python-defaults/#python2-1)
    - [$ pyversions](https://www.kali.org/tools/python-defaults/#pyversions)
* [**python-faraday**](https://www.kali.org/tools/python-faraday/)
  + [faraday](https://www.kali.org/tools/python-faraday/#faraday)
    - [$ faraday](https://www.kali.org/tools/python-faraday/#faraday-1)
    - [$ faraday-manage](https://www.kali.org/tools/python-faraday/#faraday-manage)
    - [$ faraday-server](https://www.kali.org/tools/python-faraday/#faraday-server)
    - [$ faraday-start-all](https://www.kali.org/tools/python-faraday/#faraday-start-all)
    - [$ faraday-worker](https://www.kali.org/tools/python-faraday/#faraday-worker)
    - [$ faraday-worker-gevent](https://www.kali.org/tools/python-faraday/#faraday-worker-gevent)
    - [$ python-faraday](https://www.kali.org/tools/python-faraday/#python-faraday)
  + [python-faraday](https://www.kali.org/tools/python-faraday/#python-faraday-1)
* [**python-ldapdomaindump**](https://www.kali.org/tools/python-ldapdomaindump/)
  + [python3-ldapdomaindump](https://www.kali.org/tools/python-ldapdomaindump/#python3-ldapdomaindump)
    - [$ ldapdomaindump](https://www.kali.org/tools/python-ldapdomaindump/#ldapdomaindump)
    - [$ ldd2bloodhound](https://www.kali.org/tools/python-ldapdomaindump/#ldd2bloodhound)
    - [$ ldd2pretty](https://www.kali.org/tools/python-ldapdomaindump/#ldd2pretty)
* [**python-pip**](https://www.kali.org/tools/python-pip/)
  + [python3-pip](https://www.kali.org/tools/python-pip/#python3-pip)
    - [$ pip](https://www.kali.org/tools/python-pip/#pip)
    - [$ pip3](https://www.kali.org/tools/python-pip/#pip3)
    - [$ pip3.11](https://www.kali.org/tools/python-pip/#pip311)
  + [python3-pip-whl](https://www.kali.org/tools/python-pip/#python3-pip-whl)
* [**python-virtualenv**](https://www.kali.org/tools/python-virtualenv/)
  + [python3-virtualenv](https://www.kali.org/tools/python-virtualenv/#python3-virtualenv)
    - [$ virtualenv](https://www.kali.org/tools/python-virtualenv/#virtualenv)
  + [virtualenv](https://www.kali.org/tools/python-virtualenv/#virtualenv-1)

Q

* [**qemu**](https://www.kali.org/tools/qemu/)
  + [qemu-block-extra](https://www.kali.org/tools/qemu/#qemu-block-extra)
  + [qemu-guest-agent](https://www.kali.org/tools/qemu/#qemu-guest-agent)
    - [$ qemu-ga](https://www.kali.org/tools/qemu/#qemu-ga)
  + [qemu-system](https://www.kali.org/tools/qemu/#qemu-system)
  + [qemu-system-arm](https://www.kali.org/tools/qemu/#qemu-system-arm)
    - [$ qemu-system-aarch64](https://www.kali.org/tools/qemu/#qemu-system-aarch64)
    - [$ qemu-system-arm](https://www.kali.org/tools/qemu/#qemu-system-arm-1)
    - [$ qemu-system-arm64](https://www.kali.org/tools/qemu/#qemu-system-arm64)
    - [$ qemu-system-armel](https://www.kali.org/tools/qemu/#qemu-system-armel)
    - [$ qemu-system-armhf](https://www.kali.org/tools/qemu/#qemu-system-armhf)
  + [qemu-system-common](https://www.kali.org/tools/qemu/#qemu-system-common)
    - [$ qemu-pr-helper](https://www.kali.org/tools/qemu/#qemu-pr-helper)
  + [qemu-system-data](https://www.kali.org/tools/qemu/#qemu-system-data)
  + [qemu-system-gui](https://www.kali.org/tools/qemu/#qemu-system-gui)
  + [qemu-system-mips](https://www.kali.org/tools/qemu/#qemu-system-mips)
    - [$ qemu-system-mips](https://www.kali.org/tools/qemu/#qemu-system-mips-1)
    - [$ qemu-system-mips64](https://www.kali.org/tools/qemu/#qemu-system-mips64)
    - [$ qemu-system-mips64el](https://www.kali.org/tools/qemu/#qemu-system-mips64el)
    - [$ qemu-system-mipsel](https://www.kali.org/tools/qemu/#qemu-system-mipsel)
  + [qemu-system-misc](https://www.kali.org/tools/qemu/#qemu-system-misc)
    - [$ qemu-system-alpha](https://www.kali.org/tools/qemu/#qemu-system-alpha)
    - [$ qemu-system-avr](https://www.kali.org/tools/qemu/#qemu-system-avr)
    - [$ qemu-system-cris](https://www.kali.org/tools/qemu/#qemu-system-cris)
    - [$ qemu-system-hppa](https://www.kali.org/tools/qemu/#qemu-system-hppa)
    - [$ qemu-system-loong64](https://www.kali.org/tools/qemu/#qemu-system-loong64)
    - [$ qemu-system-loongarch64](https://www.kali.org/tools/qemu/#qemu-system-loongarch64)
    - [$ qemu-system-m68k](https://www.kali.org/tools/qemu/#qemu-system-m68k)
    - [$ qemu-system-microblaze](https://www.kali.org/tools/qemu/#qemu-system-microblaze)
    - [$ qemu-system-microblazeel](https://www.kali.org/tools/qemu/#qemu-system-microblazeel)
    - [$ qemu-system-nios2](https://www.kali.org/tools/qemu/#qemu-system-nios2)
    - [$ qemu-system-or1k](https://www.kali.org/tools/qemu/#qemu-system-or1k)
    - [$ qemu-system-riscv32](https://www.kali.org/tools/qemu/#qemu-system-riscv32)
    - [$ qemu-system-riscv64](https://www.kali.org/tools/qemu/#qemu-system-riscv64)
    - [$ qemu-system-rx](https://www.kali.org/tools/qemu/#qemu-system-rx)
    - [$ qemu-system-s390x](https://www.kali.org/tools/qemu/#qemu-system-s390x)
    - [$ qemu-system-sh4](https://www.kali.org/tools/qemu/#qemu-system-sh4)
    - [$ qemu-system-sh4eb](https://www.kali.org/tools/qemu/#qemu-system-sh4eb)
    - [$ qemu-system-tricore](https://www.kali.org/tools/qemu/#qemu-system-tricore)
    - [$ qemu-system-xtensa](https://www.kali.org/tools/qemu/#qemu-system-xtensa)
    - [$ qemu-system-xtensaeb](https://www.kali.org/tools/qemu/#qemu-system-xtensaeb)
  + [qemu-system-modules-opengl](https://www.kali.org/tools/qemu/#qemu-system-modules-opengl)
  + [qemu-system-modules-spice](https://www.kali.org/tools/qemu/#qemu-system-modules-spice)
  + [qemu-system-ppc](https://www.kali.org/tools/qemu/#qemu-system-ppc)
    - [$ qemu-system-powerpc](https://www.kali.org/tools/qemu/#qemu-system-powerpc)
    - [$ qemu-system-ppc](https://www.kali.org/tools/qemu/#qemu-system-ppc-1)
    - [$ qemu-system-ppc64](https://www.kali.org/tools/qemu/#qemu-system-ppc64)
    - [$ qemu-system-ppc64el](https://www.kali.org/tools/qemu/#qemu-system-ppc64el)
    - [$ qemu-system-ppc64le](https://www.kali.org/tools/qemu/#qemu-system-ppc64le)
  + [qemu-system-sparc](https://www.kali.org/tools/qemu/#qemu-system-sparc)
    - [$ qemu-system-sparc](https://www.kali.org/tools/qemu/#qemu-system-sparc-1)
    - [$ qemu-system-sparc64](https://www.kali.org/tools/qemu/#qemu-system-sparc64)
  + [qemu-system-x86](https://www.kali.org/tools/qemu/#qemu-system-x86)
    - [$ kvm](https://www.kali.org/tools/qemu/#kvm)
    - [$ qemu-system-amd64](https://www.kali.org/tools/qemu/#qemu-system-amd64)
    - [$ qemu-system-i386](https://www.kali.org/tools/qemu/#qemu-system-i386)
    - [$ qemu-system-x86\_64](https://www.kali.org/tools/qemu/#qemu-system-x86_64)
    - [$ qemu-system-x86\_64-microvm](https://www.kali.org/tools/qemu/#qemu-system-x86_64-microvm)
  + [qemu-system-xen](https://www.kali.org/tools/qemu/#qemu-system-xen)
  + [qemu-user](https://www.kali.org/tools/qemu/#qemu-user)
    - [$ qemu-aarch64](https://www.kali.org/tools/qemu/#qemu-aarch64)
    - [$ qemu-aarch64\_be](https://www.kali.org/tools/qemu/#qemu-aarch64_be)
    - [$ qemu-alpha](https://www.kali.org/tools/qemu/#qemu-alpha)
    - [$ qemu-amd64](https://www.kali.org/tools/qemu/#qemu-amd64)
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    - [$ qemu-arm64](https://www.kali.org/tools/qemu/#qemu-arm64)
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    - [$ qemu-armel](https://www.kali.org/tools/qemu/#qemu-armel)
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    - [$ qemu-hexagon](https://www.kali.org/tools/qemu/#qemu-hexagon)
    - [$ qemu-hppa](https://www.kali.org/tools/qemu/#qemu-hppa)
    - [$ qemu-i386](https://www.kali.org/tools/qemu/#qemu-i386)
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    - [$ qemu-loongarch64](https://www.kali.org/tools/qemu/#qemu-loongarch64)
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    - [$ qemu-microblazeel](https://www.kali.org/tools/qemu/#qemu-microblazeel)
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    - [$ qemu-mips64el](https://www.kali.org/tools/qemu/#qemu-mips64el)
    - [$ qemu-mipsel](https://www.kali.org/tools/qemu/#qemu-mipsel)
    - [$ qemu-mipsn32](https://www.kali.org/tools/qemu/#qemu-mipsn32)
    - [$ qemu-mipsn32el](https://www.kali.org/tools/qemu/#qemu-mipsn32el)
    - [$ qemu-nios2](https://www.kali.org/tools/qemu/#qemu-nios2)
    - [$ qemu-or1k](https://www.kali.org/tools/qemu/#qemu-or1k)
    - [$ qemu-powerpc](https://www.kali.org/tools/qemu/#qemu-powerpc)
    - [$ qemu-ppc](https://www.kali.org/tools/qemu/#qemu-ppc)
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    - [$ qemu-ppc64el](https://www.kali.org/tools/qemu/#qemu-ppc64el)
    - [$ qemu-ppc64le](https://www.kali.org/tools/qemu/#qemu-ppc64le)
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    - [$ qemu-sparc](https://www.kali.org/tools/qemu/#qemu-sparc)
    - [$ qemu-sparc32plus](https://www.kali.org/tools/qemu/#qemu-sparc32plus)
    - [$ qemu-sparc64](https://www.kali.org/tools/qemu/#qemu-sparc64)
    - [$ qemu-x86\_64](https://www.kali.org/tools/qemu/#qemu-x86_64)
    - [$ qemu-xtensa](https://www.kali.org/tools/qemu/#qemu-xtensa)
    - [$ qemu-xtensaeb](https://www.kali.org/tools/qemu/#qemu-xtensaeb)
  + [qemu-user-binfmt](https://www.kali.org/tools/qemu/#qemu-user-binfmt)
  + [qemu-user-static](https://www.kali.org/tools/qemu/#qemu-user-static)
    - [$ qemu-aarch64-static](https://www.kali.org/tools/qemu/#qemu-aarch64-static)
    - [$ qemu-aarch64\_be-static](https://www.kali.org/tools/qemu/#qemu-aarch64_be-static)
    - [$ qemu-alpha-static](https://www.kali.org/tools/qemu/#qemu-alpha-static)
    - [$ qemu-amd64-static](https://www.kali.org/tools/qemu/#qemu-amd64-static)
    - [$ qemu-arm-static](https://www.kali.org/tools/qemu/#qemu-arm-static)
    - [$ qemu-arm64-static](https://www.kali.org/tools/qemu/#qemu-arm64-static)
    - [$ qemu-armeb-static](https://www.kali.org/tools/qemu/#qemu-armeb-static)
    - [$ qemu-armel-static](https://www.kali.org/tools/qemu/#qemu-armel-static)
    - [$ qemu-armhf-static](https://www.kali.org/tools/qemu/#qemu-armhf-static)
    - [$ qemu-cris-static](https://www.kali.org/tools/qemu/#qemu-cris-static)
    - [$ qemu-debootstrap](https://www.kali.org/tools/qemu/#qemu-debootstrap)
    - [$ qemu-hexagon-static](https://www.kali.org/tools/qemu/#qemu-hexagon-static)
    - [$ qemu-hppa-static](https://www.kali.org/tools/qemu/#qemu-hppa-static)
    - [$ qemu-i386-static](https://www.kali.org/tools/qemu/#qemu-i386-static)
    - [$ qemu-loong64-static](https://www.kali.org/tools/qemu/#qemu-loong64-static)
    - [$ qemu-loongarch64-static](https://www.kali.org/tools/qemu/#qemu-loongarch64-static)
    - [$ qemu-m68k-static](https://www.kali.org/tools/qemu/#qemu-m68k-static)
    - [$ qemu-microblaze-static](https://www.kali.org/tools/qemu/#qemu-microblaze-static)
    - [$ qemu-microblazeel-static](https://www.kali.org/tools/qemu/#qemu-microblazeel-static)
    - [$ qemu-mips-static](https://www.kali.org/tools/qemu/#qemu-mips-static)
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    - [$ qemu-mipsel-static](https://www.kali.org/tools/qemu/#qemu-mipsel-static)
    - [$ qemu-mipsn32-static](https://www.kali.org/tools/qemu/#qemu-mipsn32-static)
    - [$ qemu-mipsn32el-static](https://www.kali.org/tools/qemu/#qemu-mipsn32el-static)
    - [$ qemu-nios2-static](https://www.kali.org/tools/qemu/#qemu-nios2-static)
    - [$ qemu-or1k-static](https://www.kali.org/tools/qemu/#qemu-or1k-static)
    - [$ qemu-powerpc-static](https://www.kali.org/tools/qemu/#qemu-powerpc-static)
    - [$ qemu-ppc-static](https://www.kali.org/tools/qemu/#qemu-ppc-static)
    - [$ qemu-ppc64-static](https://www.kali.org/tools/qemu/#qemu-ppc64-static)
    - [$ qemu-ppc64el-static](https://www.kali.org/tools/qemu/#qemu-ppc64el-static)
    - [$ qemu-ppc64le-static](https://www.kali.org/tools/qemu/#qemu-ppc64le-static)
    - [$ qemu-riscv32-static](https://www.kali.org/tools/qemu/#qemu-riscv32-static)
    - [$ qemu-riscv64-static](https://www.kali.org/tools/qemu/#qemu-riscv64-static)
    - [$ qemu-s390x-static](https://www.kali.org/tools/qemu/#qemu-s390x-static)
    - [$ qemu-sh4-static](https://www.kali.org/tools/qemu/#qemu-sh4-static)
    - [$ qemu-sh4eb-static](https://www.kali.org/tools/qemu/#qemu-sh4eb-static)
    - [$ qemu-sparc-static](https://www.kali.org/tools/qemu/#qemu-sparc-static)
    - [$ qemu-sparc32plus-static](https://www.kali.org/tools/qemu/#qemu-sparc32plus-static)
    - [$ qemu-sparc64-static](https://www.kali.org/tools/qemu/#qemu-sparc64-static)
    - [$ qemu-x86\_64-static](https://www.kali.org/tools/qemu/#qemu-x86_64-static)
    - [$ qemu-xtensa-static](https://www.kali.org/tools/qemu/#qemu-xtensa-static)
    - [$ qemu-xtensaeb-static](https://www.kali.org/tools/qemu/#qemu-xtensaeb-static)
  + [qemu-utils](https://www.kali.org/tools/qemu/#qemu-utils)
    - [$ qemu-img](https://www.kali.org/tools/qemu/#qemu-img)
    - [$ qemu-io](https://www.kali.org/tools/qemu/#qemu-io)
    - [$ qemu-nbd](https://www.kali.org/tools/qemu/#qemu-nbd)
    - [$ qemu-storage-daemon](https://www.kali.org/tools/qemu/#qemu-storage-daemon)
* [**qsslcaudit$**](https://www.kali.org/tools/qsslcaudit/)
* [**quark-engine**](https://www.kali.org/tools/quark-engine/)
  + - [$ freshquark](https://www.kali.org/tools/quark-engine/#freshquark)
    - [$ quark](https://www.kali.org/tools/quark-engine/#quark)

R

* [**radare2**](https://www.kali.org/tools/radare2/)
  + [libradare2-5.0.0t64](https://www.kali.org/tools/radare2/#libradare2-500t64)
  + [libradare2-common](https://www.kali.org/tools/radare2/#libradare2-common)
  + [libradare2-dev](https://www.kali.org/tools/radare2/#libradare2-dev)
  + [radare2](https://www.kali.org/tools/radare2/#radare2)
    - [$ r2](https://www.kali.org/tools/radare2/#r2)
    - [$ r2agent](https://www.kali.org/tools/radare2/#r2agent)
    - [$ r2pm](https://www.kali.org/tools/radare2/#r2pm)
    - [$ r2r](https://www.kali.org/tools/radare2/#r2r)
    - [$ rabin2](https://www.kali.org/tools/radare2/#rabin2)
    - [$ radare2](https://www.kali.org/tools/radare2/#radare2-1)
    - [$ radiff2](https://www.kali.org/tools/radare2/#radiff2)
    - [$ rafind2](https://www.kali.org/tools/radare2/#rafind2)
    - [$ ragg2](https://www.kali.org/tools/radare2/#ragg2)
    - [$ rahash2](https://www.kali.org/tools/radare2/#rahash2)
    - [$ rarun2](https://www.kali.org/tools/radare2/#rarun2)
    - [$ rasign2](https://www.kali.org/tools/radare2/#rasign2)
    - [$ rasm2](https://www.kali.org/tools/radare2/#rasm2)
    - [$ ravc2](https://www.kali.org/tools/radare2/#ravc2)
    - [$ rax2](https://www.kali.org/tools/radare2/#rax2)
* [**rainbowcrack**](https://www.kali.org/tools/rainbowcrack/)
  + - [$ rcrack](https://www.kali.org/tools/rainbowcrack/#rcrack)
    - [$ rt2rtc](https://www.kali.org/tools/rainbowcrack/#rt2rtc)
    - [$ rtc2rt](https://www.kali.org/tools/rainbowcrack/#rtc2rt)
    - [$ rtgen](https://www.kali.org/tools/rainbowcrack/#rtgen)
    - [$ rtmerge](https://www.kali.org/tools/rainbowcrack/#rtmerge)
    - [$ rtsort](https://www.kali.org/tools/rainbowcrack/#rtsort)
* [**rake$**](https://www.kali.org/tools/rake/)
* [**rarcrack$**](https://www.kali.org/tools/rarcrack/)
* [**raven$**](https://www.kali.org/tools/raven/)
* [**rcracki-mt**](https://www.kali.org/tools/rcracki-mt/)
  + - [$ rcracki\_mt](https://www.kali.org/tools/rcracki-mt/#rcracki_mt)
* [**rdesktop$**](https://www.kali.org/tools/rdesktop/)
* [**readpe**](https://www.kali.org/tools/readpe/)
  + [libpe-dev](https://www.kali.org/tools/readpe/#libpe-dev)
  + [libpe1t64](https://www.kali.org/tools/readpe/#libpe1t64)
  + [pev](https://www.kali.org/tools/readpe/#pev)
  + [readpe](https://www.kali.org/tools/readpe/#readpe)
    - [$ ofs2rva](https://www.kali.org/tools/readpe/#ofs2rva)
    - [$ pedis](https://www.kali.org/tools/readpe/#pedis)
    - [$ pehash](https://www.kali.org/tools/readpe/#pehash)
    - [$ peldd](https://www.kali.org/tools/readpe/#peldd)
    - [$ pepack](https://www.kali.org/tools/readpe/#pepack)
    - [$ peres](https://www.kali.org/tools/readpe/#peres)
    - [$ pescan](https://www.kali.org/tools/readpe/#pescan)
    - [$ pesec](https://www.kali.org/tools/readpe/#pesec)
    - [$ pestr](https://www.kali.org/tools/readpe/#pestr)
    - [$ readpe](https://www.kali.org/tools/readpe/#readpe-1)
    - [$ rva2ofs](https://www.kali.org/tools/readpe/#rva2ofs)
* [**reaver**](https://www.kali.org/tools/reaver/)
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    - [$ wash](https://www.kali.org/tools/reaver/#wash)
* [**rebind**](https://www.kali.org/tools/rebind/)
  + - [$ dns-rebind](https://www.kali.org/tools/rebind/#dns-rebind)
* [**recon-ng**](https://www.kali.org/tools/recon-ng/)
  + - [$ recon-cli](https://www.kali.org/tools/recon-ng/#recon-cli)
    - [$ recon-ng](https://www.kali.org/tools/recon-ng/#recon-ng-1)
    - [$ recon-web](https://www.kali.org/tools/recon-ng/#recon-web)
* [**reconspider$**](https://www.kali.org/tools/reconspider/)
* [**recordmydesktop$**](https://www.kali.org/tools/recordmydesktop/)
* [**recoverdm**](https://www.kali.org/tools/recoverdm/)
  + - [$ mergebad](https://www.kali.org/tools/recoverdm/#mergebad)
    - [$ recoverdm](https://www.kali.org/tools/recoverdm/#recoverdm-1)
* [**recoverjpeg**](https://www.kali.org/tools/recoverjpeg/)
  + - [$ recoverjpeg](https://www.kali.org/tools/recoverjpeg/#recoverjpeg-1)
    - [$ recovermov](https://www.kali.org/tools/recoverjpeg/#recovermov)
    - [$ remove-duplicates](https://www.kali.org/tools/recoverjpeg/#remove-duplicates)
    - [$ sort-pictures](https://www.kali.org/tools/recoverjpeg/#sort-pictures)
* [**redeye**](https://www.kali.org/tools/redeye/)
  + - [$ redeye](https://www.kali.org/tools/redeye/#redeye-1)
    - [$ redeye-stop](https://www.kali.org/tools/redeye/#redeye-stop)
* [**redfang**](https://www.kali.org/tools/redfang/)
  + - [$ fang](https://www.kali.org/tools/redfang/#fang)
* [**redsnarf$**](https://www.kali.org/tools/redsnarf/)
* [**redsocks$**](https://www.kali.org/tools/redsocks/)
* [**reglookup**](https://www.kali.org/tools/reglookup/)
  + [libregfi-dev](https://www.kali.org/tools/reglookup/#libregfi-dev)
  + [libregfi1t64](https://www.kali.org/tools/reglookup/#libregfi1t64)
  + [python3-pyregfi](https://www.kali.org/tools/reglookup/#python3-pyregfi)
  + [reglookup](https://www.kali.org/tools/reglookup/#reglookup)
    - [$ reglookup](https://www.kali.org/tools/reglookup/#reglookup-1)
    - [$ reglookup-recover](https://www.kali.org/tools/reglookup/#reglookup-recover)
    - [$ reglookup-timeline](https://www.kali.org/tools/reglookup/#reglookup-timeline)
  + [reglookup-doc](https://www.kali.org/tools/reglookup/#reglookup-doc)
* [**regripper$**](https://www.kali.org/tools/regripper/)
* [**rekono-kbx**](https://www.kali.org/tools/rekono-kbx/)
  + - [$ rekono](https://www.kali.org/tools/rekono-kbx/#rekono)
* [**rephrase$**](https://www.kali.org/tools/rephrase/)
* [**requests**](https://www.kali.org/tools/requests/)
  + [python-requests-doc](https://www.kali.org/tools/requests/#python-requests-doc)
  + [python3-requests](https://www.kali.org/tools/requests/#python3-requests)
* [**responder**](https://www.kali.org/tools/responder/)
  + - [$ responder](https://www.kali.org/tools/responder/#responder-1)
    - [$ responder-BrowserListener](https://www.kali.org/tools/responder/#responder-browserlistener)
    - [$ responder-DHCP\_Auto](https://www.kali.org/tools/responder/#responder-dhcp_auto)
    - [$ responder-FindSQLSrv](https://www.kali.org/tools/responder/#responder-findsqlsrv)
    - [$ responder-Icmp-Redirect](https://www.kali.org/tools/responder/#responder-icmp-redirect)
    - [$ responder-MultiRelay](https://www.kali.org/tools/responder/#responder-multirelay)
    - [$ responder-RunFinger](https://www.kali.org/tools/responder/#responder-runfinger)
* [**rev-proxy-grapher$**](https://www.kali.org/tools/rev-proxy-grapher/)
* [**rfcat**](https://www.kali.org/tools/rfcat/)
  + - [$ rfcat](https://www.kali.org/tools/rfcat/#rfcat-1)
    - [$ rfcat\_bootloader](https://www.kali.org/tools/rfcat/#rfcat_bootloader)
    - [$ rfcat\_msfrelay](https://www.kali.org/tools/rfcat/#rfcat_msfrelay)
    - [$ rfcat\_server](https://www.kali.org/tools/rfcat/#rfcat_server)
* [**rfdump$**](https://www.kali.org/tools/rfdump/)
* [**ridenum$**](https://www.kali.org/tools/ridenum/)
* [**rifiuti$**](https://www.kali.org/tools/rifiuti/)
* [**rifiuti2**](https://www.kali.org/tools/rifiuti2/)
  + - [$ rifiuti-vista](https://www.kali.org/tools/rifiuti2/#rifiuti-vista)
    - [$ rifiuti2](https://www.kali.org/tools/rifiuti2/#rifiuti2-1)
* [**rizin-cutter**](https://www.kali.org/tools/rizin-cutter/)
  + [librizin-cutter-dev](https://www.kali.org/tools/rizin-cutter/#librizin-cutter-dev)
  + [rizin-cutter](https://www.kali.org/tools/rizin-cutter/#rizin-cutter)
    - [$ cutter](https://www.kali.org/tools/rizin-cutter/#cutter)
* [**rkhunter$**](https://www.kali.org/tools/rkhunter/)
* [**rling**](https://www.kali.org/tools/rling/)
  + - [$ dedupe](https://www.kali.org/tools/rling/#dedupe)
    - [$ getpass](https://www.kali.org/tools/rling/#getpass)
    - [$ rehex](https://www.kali.org/tools/rling/#rehex)
    - [$ rling](https://www.kali.org/tools/rling/#rling-1)
    - [$ splitlen](https://www.kali.org/tools/rling/#splitlen)
* [**robotstxt**](https://www.kali.org/tools/robotstxt/)
  + [golang-github-temoto-robotstxt-dev](https://www.kali.org/tools/robotstxt/#golang-github-temoto-robotstxt-dev)
  + [robotstxt](https://www.kali.org/tools/robotstxt/#robotstxt)
    - [$ robots.txt-check](https://www.kali.org/tools/robotstxt/#robotstxt-check)
* [**ropper$**](https://www.kali.org/tools/ropper/)
* [**routerkeygenpc**](https://www.kali.org/tools/routerkeygenpc/)
  + - [$ routerkeygen](https://www.kali.org/tools/routerkeygenpc/#routerkeygen)
    - [$ routerkeygen-cli](https://www.kali.org/tools/routerkeygenpc/#routerkeygen-cli)
* [**routersploit**](https://www.kali.org/tools/routersploit/)
  + - [$ routersploit](https://www.kali.org/tools/routersploit/#routersploit-1)
    - [$ rsf.py](https://www.kali.org/tools/routersploit/#rsfpy)
* [**rsakeyfind$**](https://www.kali.org/tools/rsakeyfind/)
* [**rsmangler$**](https://www.kali.org/tools/rsmangler/)
* [**rtpbreak$**](https://www.kali.org/tools/rtpbreak/)
* [**rtpflood$**](https://www.kali.org/tools/rtpflood/)
* [**rtpinsertsound$**](https://www.kali.org/tools/rtpinsertsound/)
* [**rtpmixsound$**](https://www.kali.org/tools/rtpmixsound/)
* [**ruby-pedump**](https://www.kali.org/tools/ruby-pedump/)
  + - [$ pedump-ruby](https://www.kali.org/tools/ruby-pedump/#pedump-ruby)
* [**rz-ghidra**](https://www.kali.org/tools/rz-ghidra/)

S

* [**s3scanner$**](https://www.kali.org/tools/s3scanner/)
* [**safecopy$**](https://www.kali.org/tools/safecopy/)
* [**sakis3g$**](https://www.kali.org/tools/sakis3g/)
* [**samba**](https://www.kali.org/tools/samba/)
  + [ctdb](https://www.kali.org/tools/samba/#ctdb)
    - [$ ctdb](https://www.kali.org/tools/samba/#ctdb-1)
    - [$ ctdb\_diagnostics](https://www.kali.org/tools/samba/#ctdb_diagnostics)
    - [$ ctdbd](https://www.kali.org/tools/samba/#ctdbd)
    - [$ ltdbtool](https://www.kali.org/tools/samba/#ltdbtool)
    - [$ onnode](https://www.kali.org/tools/samba/#onnode)
    - [$ ping\_pong](https://www.kali.org/tools/samba/#ping_pong)
  + [ldb-tools](https://www.kali.org/tools/samba/#ldb-tools)
    - [$ ldbadd](https://www.kali.org/tools/samba/#ldbadd)
    - [$ ldbdel](https://www.kali.org/tools/samba/#ldbdel)
    - [$ ldbedit](https://www.kali.org/tools/samba/#ldbedit)
    - [$ ldbmodify](https://www.kali.org/tools/samba/#ldbmodify)
    - [$ ldbrename](https://www.kali.org/tools/samba/#ldbrename)
    - [$ ldbsearch](https://www.kali.org/tools/samba/#ldbsearch)
  + [libldb-dev](https://www.kali.org/tools/samba/#libldb-dev)
  + [libldb2](https://www.kali.org/tools/samba/#libldb2)
  + [libnss-winbind](https://www.kali.org/tools/samba/#libnss-winbind)
  + [libpam-winbind](https://www.kali.org/tools/samba/#libpam-winbind)
  + [libsmbclient](https://www.kali.org/tools/samba/#libsmbclient)
  + [libsmbclient-dev](https://www.kali.org/tools/samba/#libsmbclient-dev)
  + [libsmbclient0](https://www.kali.org/tools/samba/#libsmbclient0)
  + [libwbclient-dev](https://www.kali.org/tools/samba/#libwbclient-dev)
  + [libwbclient0](https://www.kali.org/tools/samba/#libwbclient0)
  + [python3-ldb](https://www.kali.org/tools/samba/#python3-ldb)
  + [python3-ldb-dev](https://www.kali.org/tools/samba/#python3-ldb-dev)
  + [python3-samba](https://www.kali.org/tools/samba/#python3-samba)
  + [registry-tools](https://www.kali.org/tools/samba/#registry-tools)
    - [$ regdiff](https://www.kali.org/tools/samba/#regdiff)
    - [$ regpatch](https://www.kali.org/tools/samba/#regpatch)
    - [$ regshell](https://www.kali.org/tools/samba/#regshell)
    - [$ regtree](https://www.kali.org/tools/samba/#regtree)
  + [samba](https://www.kali.org/tools/samba/#samba)
    - [$ dumpmscat](https://www.kali.org/tools/samba/#dumpmscat)
    - [$ eventlogadm](https://www.kali.org/tools/samba/#eventlogadm)
    - [$ mvxattr](https://www.kali.org/tools/samba/#mvxattr)
    - [$ nmbd](https://www.kali.org/tools/samba/#nmbd)
    - [$ oLschema2ldif](https://www.kali.org/tools/samba/#olschema2ldif)
    - [$ pdbedit](https://www.kali.org/tools/samba/#pdbedit)
    - [$ profiles](https://www.kali.org/tools/samba/#profiles)
    - [$ samba](https://www.kali.org/tools/samba/#samba-1)
    - [$ samba-gpupdate](https://www.kali.org/tools/samba/#samba-gpupdate)
    - [$ samba\_dnsupdate](https://www.kali.org/tools/samba/#samba_dnsupdate)
    - [$ samba\_downgrade\_db](https://www.kali.org/tools/samba/#samba_downgrade_db)
    - [$ samba\_spnupdate](https://www.kali.org/tools/samba/#samba_spnupdate)
    - [$ samba\_upgradedns](https://www.kali.org/tools/samba/#samba_upgradedns)
    - [$ sharesec](https://www.kali.org/tools/samba/#sharesec)
    - [$ smbcontrol](https://www.kali.org/tools/samba/#smbcontrol)
    - [$ smbd](https://www.kali.org/tools/samba/#smbd)
    - [$ smbstatus](https://www.kali.org/tools/samba/#smbstatus)
  + [samba-ad-dc](https://www.kali.org/tools/samba/#samba-ad-dc)
  + [samba-ad-provision](https://www.kali.org/tools/samba/#samba-ad-provision)
  + [samba-common](https://www.kali.org/tools/samba/#samba-common)
  + [samba-common-bin](https://www.kali.org/tools/samba/#samba-common-bin)
    - [$ dbwrap\_tool](https://www.kali.org/tools/samba/#dbwrap_tool)
    - [$ net](https://www.kali.org/tools/samba/#net)
    - [$ nmblookup](https://www.kali.org/tools/samba/#nmblookup)
    - [$ samba-log-parser](https://www.kali.org/tools/samba/#samba-log-parser)
    - [$ samba-regedit](https://www.kali.org/tools/samba/#samba-regedit)
    - [$ samba-tool](https://www.kali.org/tools/samba/#samba-tool)
    - [$ samba\_kcc](https://www.kali.org/tools/samba/#samba_kcc)
    - [$ smbpasswd](https://www.kali.org/tools/samba/#smbpasswd)
    - [$ testparm](https://www.kali.org/tools/samba/#testparm)
  + [samba-dev](https://www.kali.org/tools/samba/#samba-dev)
  + [samba-dsdb-modules](https://www.kali.org/tools/samba/#samba-dsdb-modules)
  + [samba-libs](https://www.kali.org/tools/samba/#samba-libs)
  + [samba-testsuite](https://www.kali.org/tools/samba/#samba-testsuite)
    - [$ gentest](https://www.kali.org/tools/samba/#gentest)
    - [$ locktest](https://www.kali.org/tools/samba/#locktest)
    - [$ masktest](https://www.kali.org/tools/samba/#masktest)
    - [$ ndrdump](https://www.kali.org/tools/samba/#ndrdump)
    - [$ smbtorture](https://www.kali.org/tools/samba/#smbtorture)
  + [samba-vfs-modules](https://www.kali.org/tools/samba/#samba-vfs-modules)
  + [smbclient](https://www.kali.org/tools/samba/#smbclient)
    - [$ cifsdd](https://www.kali.org/tools/samba/#cifsdd)
    - [$ mdsearch](https://www.kali.org/tools/samba/#mdsearch)
    - [$ rpcclient](https://www.kali.org/tools/samba/#rpcclient)
    - [$ smbcacls](https://www.kali.org/tools/samba/#smbcacls)
    - [$ smbclient](https://www.kali.org/tools/samba/#smbclient-1)
    - [$ smbcquotas](https://www.kali.org/tools/samba/#smbcquotas)
    - [$ smbget](https://www.kali.org/tools/samba/#smbget)
    - [$ smbspool](https://www.kali.org/tools/samba/#smbspool)
    - [$ smbtar](https://www.kali.org/tools/samba/#smbtar)
    - [$ smbtree](https://www.kali.org/tools/samba/#smbtree)
  + [winbind](https://www.kali.org/tools/samba/#winbind)
    - [$ ntlm\_auth](https://www.kali.org/tools/samba/#ntlm_auth)
    - [$ wbinfo](https://www.kali.org/tools/samba/#wbinfo)
    - [$ winbindd](https://www.kali.org/tools/samba/#winbindd)
* [**samdump2$**](https://www.kali.org/tools/samdump2/)
* [**sbd$**](https://www.kali.org/tools/sbd/)
* [**scalpel$**](https://www.kali.org/tools/scalpel/)
* [**scapy**](https://www.kali.org/tools/scapy/)
  + [python3-scapy](https://www.kali.org/tools/scapy/#python3-scapy)
    - [$ scapy](https://www.kali.org/tools/scapy/#scapy)
    - [$ scapy3](https://www.kali.org/tools/scapy/#scapy3)
* [**screen$**](https://www.kali.org/tools/screen/)
* [**scrounge-ntfs$**](https://www.kali.org/tools/scrounge-ntfs/)
* [**sctpscan$**](https://www.kali.org/tools/sctpscan/)
* [**seclists$**](https://www.kali.org/tools/seclists/)
* [**secure-socket-funneling**](https://www.kali.org/tools/secure-socket-funneling/)
  + [secure-socket-funneling-windows-binaries](https://www.kali.org/tools/secure-socket-funneling/#secure-socket-funneling-windows-binaries)
* [**sendemail**](https://www.kali.org/tools/sendemail/)
  + - [$ sendEmail](https://www.kali.org/tools/sendemail/#sendemail-1)
    - [$ sendemail](https://www.kali.org/tools/sendemail/#sendemail-2)
* [**sentrypeer$**](https://www.kali.org/tools/sentrypeer/)
* [**set**](https://www.kali.org/tools/set/)
  + - [$ se-toolkit](https://www.kali.org/tools/set/#se-toolkit)
    - [$ setoolkit](https://www.kali.org/tools/set/#setoolkit)
* [**sfuzz**](https://www.kali.org/tools/sfuzz/)
  + - [$ sfo](https://www.kali.org/tools/sfuzz/#sfo)
    - [$ sfuzz](https://www.kali.org/tools/sfuzz/#sfuzz-1)
* [**sharpshooter$**](https://www.kali.org/tools/sharpshooter/)
* [**shed$**](https://www.kali.org/tools/shed/)
* [**shellfire$**](https://www.kali.org/tools/shellfire/)
* [**shellnoob$**](https://www.kali.org/tools/shellnoob/)
* [**shellter$**](https://www.kali.org/tools/shellter/)
* [**sherlock$**](https://www.kali.org/tools/sherlock/)
* [**sickle-tool$**](https://www.kali.org/tools/sickle-tool/)
* [**sidguesser**](https://www.kali.org/tools/sidguesser/)
  + - [$ sidguess](https://www.kali.org/tools/sidguesser/#sidguess)
* [**siege**](https://www.kali.org/tools/siege/)
  + - [$ bombardment](https://www.kali.org/tools/siege/#bombardment)
    - [$ siege](https://www.kali.org/tools/siege/#siege-1)
    - [$ siege.config](https://www.kali.org/tools/siege/#siegeconfig)
    - [$ siege2csv](https://www.kali.org/tools/siege/#siege2csv)
* [**sigma-cli$**](https://www.kali.org/tools/sigma-cli/)
* [**silenttrinity$**](https://www.kali.org/tools/silenttrinity/)
* [**siparmyknife$**](https://www.kali.org/tools/siparmyknife/)
* [**sipcrack**](https://www.kali.org/tools/sipcrack/)
  + - [$ sipcrack](https://www.kali.org/tools/sipcrack/#sipcrack-1)
    - [$ sipdump](https://www.kali.org/tools/sipcrack/#sipdump)
* [**sipp$**](https://www.kali.org/tools/sipp/)
* [**sipsak$**](https://www.kali.org/tools/sipsak/)
* [**sipvicious**](https://www.kali.org/tools/sipvicious/)
  + - [$ svcrack](https://www.kali.org/tools/sipvicious/#svcrack)
    - [$ svcrash](https://www.kali.org/tools/sipvicious/#svcrash)
    - [$ svmap](https://www.kali.org/tools/sipvicious/#svmap)
    - [$ svreport](https://www.kali.org/tools/sipvicious/#svreport)
    - [$ svwar](https://www.kali.org/tools/sipvicious/#svwar)
* [**skipfish$**](https://www.kali.org/tools/skipfish/)
* [**sleuthkit**](https://www.kali.org/tools/sleuthkit/)
  + [libsleuthkit-java](https://www.kali.org/tools/sleuthkit/#libsleuthkit-java)
  + [libsleuthkit-jni](https://www.kali.org/tools/sleuthkit/#libsleuthkit-jni)
  + [libtsk-dev](https://www.kali.org/tools/sleuthkit/#libtsk-dev)
  + [libtsk19t64](https://www.kali.org/tools/sleuthkit/#libtsk19t64)
  + [sleuthkit](https://www.kali.org/tools/sleuthkit/#sleuthkit)
    - [$ blkcalc](https://www.kali.org/tools/sleuthkit/#blkcalc)
    - [$ blkcat](https://www.kali.org/tools/sleuthkit/#blkcat)
    - [$ blkls](https://www.kali.org/tools/sleuthkit/#blkls)
    - [$ blkstat](https://www.kali.org/tools/sleuthkit/#blkstat)
    - [$ fcat](https://www.kali.org/tools/sleuthkit/#fcat)
    - [$ ffind](https://www.kali.org/tools/sleuthkit/#ffind)
    - [$ fiwalk](https://www.kali.org/tools/sleuthkit/#fiwalk)
    - [$ fls](https://www.kali.org/tools/sleuthkit/#fls)
    - [$ fsstat](https://www.kali.org/tools/sleuthkit/#fsstat)
    - [$ hfind](https://www.kali.org/tools/sleuthkit/#hfind)
    - [$ icat](https://www.kali.org/tools/sleuthkit/#icat)
    - [$ ifind](https://www.kali.org/tools/sleuthkit/#ifind)
    - [$ ils](https://www.kali.org/tools/sleuthkit/#ils)
    - [$ img\_cat](https://www.kali.org/tools/sleuthkit/#img_cat)
    - [$ img\_stat](https://www.kali.org/tools/sleuthkit/#img_stat)
    - [$ istat](https://www.kali.org/tools/sleuthkit/#istat)
    - [$ jcat](https://www.kali.org/tools/sleuthkit/#jcat)
    - [$ jls](https://www.kali.org/tools/sleuthkit/#jls)
    - [$ jpeg\_extract](https://www.kali.org/tools/sleuthkit/#jpeg_extract)
    - [$ mactime](https://www.kali.org/tools/sleuthkit/#mactime)
    - [$ mmcat](https://www.kali.org/tools/sleuthkit/#mmcat)
    - [$ mmls](https://www.kali.org/tools/sleuthkit/#mmls)
    - [$ mmstat](https://www.kali.org/tools/sleuthkit/#mmstat)
    - [$ pstat](https://www.kali.org/tools/sleuthkit/#pstat)
    - [$ sigfind](https://www.kali.org/tools/sleuthkit/#sigfind)
    - [$ sorter](https://www.kali.org/tools/sleuthkit/#sorter)
    - [$ srch\_strings](https://www.kali.org/tools/sleuthkit/#srch_strings)
    - [$ tsk\_comparedir](https://www.kali.org/tools/sleuthkit/#tsk_comparedir)
    - [$ tsk\_gettimes](https://www.kali.org/tools/sleuthkit/#tsk_gettimes)
    - [$ tsk\_imageinfo](https://www.kali.org/tools/sleuthkit/#tsk_imageinfo)
    - [$ tsk\_loaddb](https://www.kali.org/tools/sleuthkit/#tsk_loaddb)
    - [$ tsk\_recover](https://www.kali.org/tools/sleuthkit/#tsk_recover)
    - [$ usnjls](https://www.kali.org/tools/sleuthkit/#usnjls)
* [**slimtoolkit**](https://www.kali.org/tools/slimtoolkit/)
  + - [$ slim-sensor](https://www.kali.org/tools/slimtoolkit/#slim-sensor)
    - [$ slimtoolkit](https://www.kali.org/tools/slimtoolkit/#slimtoolkit-1)
* [**sliver**](https://www.kali.org/tools/sliver/)
  + - [$ sliver-client](https://www.kali.org/tools/sliver/#sliver-client)
    - [$ sliver-server](https://www.kali.org/tools/sliver/#sliver-server)
* [**slowhttptest$**](https://www.kali.org/tools/slowhttptest/)
* [**smbmap$**](https://www.kali.org/tools/smbmap/)
* [**smtp-user-enum$**](https://www.kali.org/tools/smtp-user-enum/)
* [**sn0int$**](https://www.kali.org/tools/sn0int/)
* [**sniffjoke**](https://www.kali.org/tools/sniffjoke/)
  + - [$ sj-commit-results](https://www.kali.org/tools/sniffjoke/#sj-commit-results)
    - [$ sj-iptcpopt-probe](https://www.kali.org/tools/sniffjoke/#sj-iptcpopt-probe)
    - [$ sniffjoke](https://www.kali.org/tools/sniffjoke/#sniffjoke-1)
    - [$ sniffjoke-autotest](https://www.kali.org/tools/sniffjoke/#sniffjoke-autotest)
    - [$ sniffjokectl](https://www.kali.org/tools/sniffjoke/#sniffjokectl)
* [**snmpcheck**](https://www.kali.org/tools/snmpcheck/)
  + - [$ snmp-check](https://www.kali.org/tools/snmpcheck/#snmp-check)
* [**snmpenum$**](https://www.kali.org/tools/snmpenum/)
* [**snort**](https://www.kali.org/tools/snort/)
  + [snort](https://www.kali.org/tools/snort/#snort)
    - [$ appid\_detector\_builder.sh](https://www.kali.org/tools/snort/#appid_detector_buildersh)
    - [$ snort](https://www.kali.org/tools/snort/#snort-1)
    - [$ snort2lua](https://www.kali.org/tools/snort/#snort2lua)
    - [$ u2boat](https://www.kali.org/tools/snort/#u2boat)
    - [$ u2spewfoo](https://www.kali.org/tools/snort/#u2spewfoo)
  + [snort-common](https://www.kali.org/tools/snort/#snort-common)
  + [snort-common-libraries](https://www.kali.org/tools/snort/#snort-common-libraries)
  + [snort-doc](https://www.kali.org/tools/snort/#snort-doc)
  + [snort-rules-default](https://www.kali.org/tools/snort/#snort-rules-default)
* [**snowdrop**](https://www.kali.org/tools/snowdrop/)
  + - [$ sd-c](https://www.kali.org/tools/snowdrop/#sd-c)
    - [$ sd-eng](https://www.kali.org/tools/snowdrop/#sd-eng)
    - [$ sd-engf](https://www.kali.org/tools/snowdrop/#sd-engf)
* [**socat**](https://www.kali.org/tools/socat/)
  + - [$ filan](https://www.kali.org/tools/socat/#filan)
    - [$ procan](https://www.kali.org/tools/socat/#procan)
    - [$ socat](https://www.kali.org/tools/socat/#socat-1)
    - [$ socat-broker.sh](https://www.kali.org/tools/socat/#socat-brokersh)
    - [$ socat-chain.sh](https://www.kali.org/tools/socat/#socat-chainsh)
    - [$ socat-mux.sh](https://www.kali.org/tools/socat/#socat-muxsh)
    - [$ socat1](https://www.kali.org/tools/socat/#socat1)
* [**sparrow-wifi**](https://www.kali.org/tools/sparrow-wifi/)
  + - [$ sparrow-wifi](https://www.kali.org/tools/sparrow-wifi/#sparrow-wifi-1)
    - [$ sparrowwifiagent](https://www.kali.org/tools/sparrow-wifi/#sparrowwifiagent)
* [**spectools**](https://www.kali.org/tools/spectools/)
  + - [$ spectool\_curses](https://www.kali.org/tools/spectools/#spectool_curses)
    - [$ spectool\_net](https://www.kali.org/tools/spectools/#spectool_net)
    - [$ spectool\_raw](https://www.kali.org/tools/spectools/#spectool_raw)
* [**spiderfoot**](https://www.kali.org/tools/spiderfoot/)
  + - [$ spiderfoot](https://www.kali.org/tools/spiderfoot/#spiderfoot-1)
    - [$ spiderfoot-cli](https://www.kali.org/tools/spiderfoot/#spiderfoot-cli)
* [**spike**](https://www.kali.org/tools/spike/)
  + - [$ citrix](https://www.kali.org/tools/spike/#citrix)
    - [$ closed\_source\_web\_server\_fuzz](https://www.kali.org/tools/spike/#closed_source_web_server_fuzz)
    - [$ dceoversmb](https://www.kali.org/tools/spike/#dceoversmb)
    - [$ dltest](https://www.kali.org/tools/spike/#dltest)
    - [$ do\_post](https://www.kali.org/tools/spike/#do_post)
    - [$ generic\_chunked](https://www.kali.org/tools/spike/#generic_chunked)
    - [$ generic\_listen\_tcp](https://www.kali.org/tools/spike/#generic_listen_tcp)
    - [$ generic\_send\_tcp](https://www.kali.org/tools/spike/#generic_send_tcp)
    - [$ generic\_send\_udp](https://www.kali.org/tools/spike/#generic_send_udp)
    - [$ generic\_web\_server\_fuzz](https://www.kali.org/tools/spike/#generic_web_server_fuzz)
    - [$ generic\_web\_server\_fuzz2](https://www.kali.org/tools/spike/#generic_web_server_fuzz2)
    - [$ gopherd](https://www.kali.org/tools/spike/#gopherd)
    - [$ halflife](https://www.kali.org/tools/spike/#halflife)
    - [$ line\_send\_tcp](https://www.kali.org/tools/spike/#line_send_tcp)
    - [$ msrpcfuzz](https://www.kali.org/tools/spike/#msrpcfuzz)
    - [$ msrpcfuzz\_udp](https://www.kali.org/tools/spike/#msrpcfuzz_udp)
    - [$ ntlm2](https://www.kali.org/tools/spike/#ntlm2)
    - [$ ntlm\_brute](https://www.kali.org/tools/spike/#ntlm_brute)
    - [$ pmspike](https://www.kali.org/tools/spike/#pmspike)
    - [$ post\_fuzz](https://www.kali.org/tools/spike/#post_fuzz)
    - [$ post\_spike](https://www.kali.org/tools/spike/#post_spike)
    - [$ quake](https://www.kali.org/tools/spike/#quake)
    - [$ quakeserver](https://www.kali.org/tools/spike/#quakeserver)
    - [$ sendmsrpc](https://www.kali.org/tools/spike/#sendmsrpc)
    - [$ ss\_spike](https://www.kali.org/tools/spike/#ss_spike)
    - [$ statd\_spike](https://www.kali.org/tools/spike/#statd_spike)
    - [$ sunrpcfuzz](https://www.kali.org/tools/spike/#sunrpcfuzz)
    - [$ webfuzz](https://www.kali.org/tools/spike/#webfuzz)
    - [$ x11\_spike](https://www.kali.org/tools/spike/#x11_spike)
* [**spire**](https://www.kali.org/tools/spire/)
  + - [$ spire-agent](https://www.kali.org/tools/spire/#spire-agent)
    - [$ spire-server](https://www.kali.org/tools/spire/#spire-server)
* [**sploitscan$**](https://www.kali.org/tools/sploitscan/)
* [**spooftooph$**](https://www.kali.org/tools/spooftooph/)
* [**spray$**](https://www.kali.org/tools/spray/)
* [**sprayingtoolkit**](https://www.kali.org/tools/sprayingtoolkit/)
  + - [$ atomizer](https://www.kali.org/tools/sprayingtoolkit/#atomizer)
    - [$ spindrift](https://www.kali.org/tools/sprayingtoolkit/#spindrift)
    - [$ sprayingtoolkit](https://www.kali.org/tools/sprayingtoolkit/#sprayingtoolkit-1)
* [**spraykatz$**](https://www.kali.org/tools/spraykatz/)
* [**sqldict$**](https://www.kali.org/tools/sqldict/)
* [**sqlitebrowser$**](https://www.kali.org/tools/sqlitebrowser/)
* [**sqlmap**](https://www.kali.org/tools/sqlmap/)
  + - [$ sqlmap](https://www.kali.org/tools/sqlmap/#sqlmap-1)
    - [$ sqlmapapi](https://www.kali.org/tools/sqlmap/#sqlmapapi)
* [**sqlninja$**](https://www.kali.org/tools/sqlninja/)
* [**sqlsus$**](https://www.kali.org/tools/sqlsus/)
* [**ssdeep**](https://www.kali.org/tools/ssdeep/)
  + [libfuzzy-dev](https://www.kali.org/tools/ssdeep/#libfuzzy-dev)
  + [libfuzzy2](https://www.kali.org/tools/ssdeep/#libfuzzy2)
  + [ssdeep](https://www.kali.org/tools/ssdeep/#ssdeep)
    - [$ ssdeep](https://www.kali.org/tools/ssdeep/#ssdeep-1)
* [**ssldump$**](https://www.kali.org/tools/ssldump/)
* [**sslh**](https://www.kali.org/tools/sslh/)
  + - [$ sslh](https://www.kali.org/tools/sslh/#sslh-1)
    - [$ sslh-select](https://www.kali.org/tools/sslh/#sslh-select)
* [**sslscan$**](https://www.kali.org/tools/sslscan/)
* [**sslsniff$**](https://www.kali.org/tools/sslsniff/)
* [**sslsplit$**](https://www.kali.org/tools/sslsplit/)
* [**sslstrip$**](https://www.kali.org/tools/sslstrip/)
* [**sslyze$**](https://www.kali.org/tools/sslyze/)
* [**statsprocessor**](https://www.kali.org/tools/statsprocessor/)
  + - [$ sp32](https://www.kali.org/tools/statsprocessor/#sp32)
    - [$ sp64](https://www.kali.org/tools/statsprocessor/#sp64)
* [**stegcracker$**](https://www.kali.org/tools/stegcracker/)
* [**steghide**](https://www.kali.org/tools/steghide/)
  + [steghide](https://www.kali.org/tools/steghide/#steghide)
    - [$ steghide](https://www.kali.org/tools/steghide/#steghide-1)
  + [steghide-doc](https://www.kali.org/tools/steghide/#steghide-doc)
* [**stegsnow$**](https://www.kali.org/tools/stegsnow/)
* [**stunnel4**](https://www.kali.org/tools/stunnel4/)
  + - [$ stunnel](https://www.kali.org/tools/stunnel4/#stunnel)
    - [$ stunnel3](https://www.kali.org/tools/stunnel4/#stunnel3)
    - [$ stunnel4](https://www.kali.org/tools/stunnel4/#stunnel4-1)
* [**subfinder$**](https://www.kali.org/tools/subfinder/)
* [**subjack$**](https://www.kali.org/tools/subjack/)
* [**sublist3r$**](https://www.kali.org/tools/sublist3r/)
* [**subversion**](https://www.kali.org/tools/subversion/)
  + [libapache2-mod-svn](https://www.kali.org/tools/subversion/#libapache2-mod-svn)
  + [libsvn-dev](https://www.kali.org/tools/subversion/#libsvn-dev)
  + [libsvn-doc](https://www.kali.org/tools/subversion/#libsvn-doc)
  + [libsvn-java](https://www.kali.org/tools/subversion/#libsvn-java)
  + [libsvn-perl](https://www.kali.org/tools/subversion/#libsvn-perl)
  + [libsvn1](https://www.kali.org/tools/subversion/#libsvn1)
  + [python3-subversion](https://www.kali.org/tools/subversion/#python3-subversion)
  + [ruby-svn](https://www.kali.org/tools/subversion/#ruby-svn)
  + [subversion](https://www.kali.org/tools/subversion/#subversion)
    - [$ svn](https://www.kali.org/tools/subversion/#svn)
    - [$ svnadmin](https://www.kali.org/tools/subversion/#svnadmin)
    - [$ svnauthz](https://www.kali.org/tools/subversion/#svnauthz)
    - [$ svnauthz-validate](https://www.kali.org/tools/subversion/#svnauthz-validate)
    - [$ svnbench](https://www.kali.org/tools/subversion/#svnbench)
    - [$ svndumpfilter](https://www.kali.org/tools/subversion/#svndumpfilter)
    - [$ svnfsfs](https://www.kali.org/tools/subversion/#svnfsfs)
    - [$ svnlook](https://www.kali.org/tools/subversion/#svnlook)
    - [$ svnmucc](https://www.kali.org/tools/subversion/#svnmucc)
    - [$ svnrdump](https://www.kali.org/tools/subversion/#svnrdump)
    - [$ svnserve](https://www.kali.org/tools/subversion/#svnserve)
    - [$ svnsync](https://www.kali.org/tools/subversion/#svnsync)
    - [$ svnversion](https://www.kali.org/tools/subversion/#svnversion)
  + [subversion-tools](https://www.kali.org/tools/subversion/#subversion-tools)
    - [$ fsfs-access-map](https://www.kali.org/tools/subversion/#fsfs-access-map)
    - [$ fsfs-stats](https://www.kali.org/tools/subversion/#fsfs-stats)
    - [$ svn-backup-dumps](https://www.kali.org/tools/subversion/#svn-backup-dumps)
    - [$ svn-bisect](https://www.kali.org/tools/subversion/#svn-bisect)
    - [$ svn-clean](https://www.kali.org/tools/subversion/#svn-clean)
    - [$ svn-hot-backup](https://www.kali.org/tools/subversion/#svn-hot-backup)
    - [$ svn-mergeinfo-normalizer](https://www.kali.org/tools/subversion/#svn-mergeinfo-normalizer)
    - [$ svn-populate-node-origins-index](https://www.kali.org/tools/subversion/#svn-populate-node-origins-index)
    - [$ svn-vendor](https://www.kali.org/tools/subversion/#svn-vendor)
    - [$ svn\_apply\_autoprops](https://www.kali.org/tools/subversion/#svn_apply_autoprops)
    - [$ svn\_load\_dirs](https://www.kali.org/tools/subversion/#svn_load_dirs)
    - [$ svnraisetreeconflict](https://www.kali.org/tools/subversion/#svnraisetreeconflict)
    - [$ svnwrap](https://www.kali.org/tools/subversion/#svnwrap)
* [**sucrack$**](https://www.kali.org/tools/sucrack/)
* [**sudo**](https://www.kali.org/tools/sudo/)
  + [libnss-sudo](https://www.kali.org/tools/sudo/#libnss-sudo)
  + [sudo](https://www.kali.org/tools/sudo/#sudo)
    - [$ cvtsudoers](https://www.kali.org/tools/sudo/#cvtsudoers)
    - [$ cvtsudoers](https://www.kali.org/tools/sudo/#cvtsudoers-1)
    - [$ sudo](https://www.kali.org/tools/sudo/#sudo-1)
    - [$ sudo](https://www.kali.org/tools/sudo/#sudo-2)
    - [$ sudo\_logsrvd](https://www.kali.org/tools/sudo/#sudo_logsrvd)
    - [$ sudo\_logsrvd](https://www.kali.org/tools/sudo/#sudo_logsrvd-1)
    - [$ sudo\_sendlog](https://www.kali.org/tools/sudo/#sudo_sendlog)
    - [$ sudo\_sendlog](https://www.kali.org/tools/sudo/#sudo_sendlog-1)
    - [$ sudoedit](https://www.kali.org/tools/sudo/#sudoedit)
    - [$ sudoedit](https://www.kali.org/tools/sudo/#sudoedit-1)
    - [$ sudoreplay](https://www.kali.org/tools/sudo/#sudoreplay)
    - [$ sudoreplay](https://www.kali.org/tools/sudo/#sudoreplay-1)
    - [$ visudo](https://www.kali.org/tools/sudo/#visudo)
    - [$ visudo](https://www.kali.org/tools/sudo/#visudo-1)
  + [sudo-ldap](https://www.kali.org/tools/sudo/#sudo-ldap)
    - [$ cvtsudoers](https://www.kali.org/tools/sudo/#cvtsudoers-2)
    - [$ sudo](https://www.kali.org/tools/sudo/#sudo-3)
    - [$ sudo\_logsrvd](https://www.kali.org/tools/sudo/#sudo_logsrvd-2)
    - [$ sudo\_sendlog](https://www.kali.org/tools/sudo/#sudo_sendlog-2)
    - [$ sudoedit](https://www.kali.org/tools/sudo/#sudoedit-2)
    - [$ sudoreplay](https://www.kali.org/tools/sudo/#sudoreplay-2)
    - [$ visudo](https://www.kali.org/tools/sudo/#visudo-2)
* [**swaks$**](https://www.kali.org/tools/swaks/)
* [**syft$**](https://www.kali.org/tools/syft/)

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* [**t50$**](https://www.kali.org/tools/t50/)
* [**tcpdump$**](https://www.kali.org/tools/tcpdump/)
* [**tcpflow**](https://www.kali.org/tools/tcpflow/)
  + [tcpflow](https://www.kali.org/tools/tcpflow/#tcpflow)
    - [$ tcpflow](https://www.kali.org/tools/tcpflow/#tcpflow-1)
    - [$ tcpflow](https://www.kali.org/tools/tcpflow/#tcpflow-2)
  + [tcpflow-nox](https://www.kali.org/tools/tcpflow/#tcpflow-nox)
    - [$ tcpflow](https://www.kali.org/tools/tcpflow/#tcpflow-3)
* [**tcpick$**](https://www.kali.org/tools/tcpick/)
* [**tcpreplay**](https://www.kali.org/tools/tcpreplay/)
  + - [$ tcpbridge](https://www.kali.org/tools/tcpreplay/#tcpbridge)
    - [$ tcpcapinfo](https://www.kali.org/tools/tcpreplay/#tcpcapinfo)
    - [$ tcpliveplay](https://www.kali.org/tools/tcpreplay/#tcpliveplay)
    - [$ tcpprep](https://www.kali.org/tools/tcpreplay/#tcpprep)
    - [$ tcpreplay](https://www.kali.org/tools/tcpreplay/#tcpreplay-1)
    - [$ tcpreplay-edit](https://www.kali.org/tools/tcpreplay/#tcpreplay-edit)
    - [$ tcprewrite](https://www.kali.org/tools/tcpreplay/#tcprewrite)
* [**teamsploit$**](https://www.kali.org/tools/teamsploit/)
* [**termineter$**](https://www.kali.org/tools/termineter/)
* [**terraform$**](https://www.kali.org/tools/terraform/)
* [**testdisk**](https://www.kali.org/tools/testdisk/)
  + - [$ fidentify](https://www.kali.org/tools/testdisk/#fidentify)
    - [$ photorec](https://www.kali.org/tools/testdisk/#photorec)
    - [$ testdisk](https://www.kali.org/tools/testdisk/#testdisk-1)
* [**testssl.sh**](https://www.kali.org/tools/testssl.sh/)
  + - [$ testssl](https://www.kali.org/tools/testssl.sh/#testssl)
* [**tetragon**](https://www.kali.org/tools/tetragon/)
  + - [$ tetra](https://www.kali.org/tools/tetragon/#tetra)
* [**tftp-hpa**](https://www.kali.org/tools/tftp-hpa/)
  + [tftp-hpa](https://www.kali.org/tools/tftp-hpa/#tftp-hpa)
    - [$ tftp](https://www.kali.org/tools/tftp-hpa/#tftp)
  + [tftp-hpa-dbg](https://www.kali.org/tools/tftp-hpa/#tftp-hpa-dbg)
  + [tftpd-hpa](https://www.kali.org/tools/tftp-hpa/#tftpd-hpa)
    - [$ in.tftpd](https://www.kali.org/tools/tftp-hpa/#intftpd)
* [**tftpd32$**](https://www.kali.org/tools/tftpd32/)
* [**thc-ipv6**](https://www.kali.org/tools/thc-ipv6/)
  + - [$ atk6-address6](https://www.kali.org/tools/thc-ipv6/#atk6-address6)
    - [$ atk6-alive6](https://www.kali.org/tools/thc-ipv6/#atk6-alive6)
    - [$ atk6-connect6](https://www.kali.org/tools/thc-ipv6/#atk6-connect6)
    - [$ atk6-connsplit6](https://www.kali.org/tools/thc-ipv6/#atk6-connsplit6)
    - [$ atk6-covert\_send6](https://www.kali.org/tools/thc-ipv6/#atk6-covert_send6)
    - [$ atk6-covert\_send6d](https://www.kali.org/tools/thc-ipv6/#atk6-covert_send6d)
    - [$ atk6-denial6](https://www.kali.org/tools/thc-ipv6/#atk6-denial6)
    - [$ atk6-detect-new-ip6](https://www.kali.org/tools/thc-ipv6/#atk6-detect-new-ip6)
    - [$ atk6-detect\_sniffer6](https://www.kali.org/tools/thc-ipv6/#atk6-detect_sniffer6)
    - [$ atk6-dnsdict6](https://www.kali.org/tools/thc-ipv6/#atk6-dnsdict6)
    - [$ atk6-dnsrevenum6](https://www.kali.org/tools/thc-ipv6/#atk6-dnsrevenum6)
    - [$ atk6-dnssecwalk](https://www.kali.org/tools/thc-ipv6/#atk6-dnssecwalk)
    - [$ atk6-dos-new-ip6](https://www.kali.org/tools/thc-ipv6/#atk6-dos-new-ip6)
    - [$ atk6-dump\_dhcp6](https://www.kali.org/tools/thc-ipv6/#atk6-dump_dhcp6)
    - [$ atk6-dump\_router6](https://www.kali.org/tools/thc-ipv6/#atk6-dump_router6)
    - [$ atk6-exploit6](https://www.kali.org/tools/thc-ipv6/#atk6-exploit6)
    - [$ atk6-extract\_hosts6](https://www.kali.org/tools/thc-ipv6/#atk6-extract_hosts6)
    - [$ atk6-extract\_networks6](https://www.kali.org/tools/thc-ipv6/#atk6-extract_networks6)
    - [$ atk6-fake\_advertise6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_advertise6)
    - [$ atk6-fake\_dhcps6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_dhcps6)
    - [$ atk6-fake\_dns6d](https://www.kali.org/tools/thc-ipv6/#atk6-fake_dns6d)
    - [$ atk6-fake\_dnsupdate6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_dnsupdate6)
    - [$ atk6-fake\_mipv6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_mipv6)
    - [$ atk6-fake\_mld26](https://www.kali.org/tools/thc-ipv6/#atk6-fake_mld26)
    - [$ atk6-fake\_mld6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_mld6)
    - [$ atk6-fake\_mldrouter6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_mldrouter6)
    - [$ atk6-fake\_pim6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_pim6)
    - [$ atk6-fake\_router26](https://www.kali.org/tools/thc-ipv6/#atk6-fake_router26)
    - [$ atk6-fake\_router6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_router6)
    - [$ atk6-fake\_solicitate6](https://www.kali.org/tools/thc-ipv6/#atk6-fake_solicitate6)
    - [$ atk6-firewall6](https://www.kali.org/tools/thc-ipv6/#atk6-firewall6)
    - [$ atk6-flood\_advertise6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_advertise6)
    - [$ atk6-flood\_dhcpc6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_dhcpc6)
    - [$ atk6-flood\_mld26](https://www.kali.org/tools/thc-ipv6/#atk6-flood_mld26)
    - [$ atk6-flood\_mld6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_mld6)
    - [$ atk6-flood\_mldrouter6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_mldrouter6)
    - [$ atk6-flood\_redir6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_redir6)
    - [$ atk6-flood\_router26](https://www.kali.org/tools/thc-ipv6/#atk6-flood_router26)
    - [$ atk6-flood\_router6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_router6)
    - [$ atk6-flood\_rs6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_rs6)
    - [$ atk6-flood\_solicitate6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_solicitate6)
    - [$ atk6-flood\_unreach6](https://www.kali.org/tools/thc-ipv6/#atk6-flood_unreach6)
    - [$ atk6-four2six](https://www.kali.org/tools/thc-ipv6/#atk6-four2six)
    - [$ atk6-fragmentation6](https://www.kali.org/tools/thc-ipv6/#atk6-fragmentation6)
    - [$ atk6-fragrouter6](https://www.kali.org/tools/thc-ipv6/#atk6-fragrouter6)
    - [$ atk6-fuzz\_dhcpc6](https://www.kali.org/tools/thc-ipv6/#atk6-fuzz_dhcpc6)
    - [$ atk6-fuzz\_dhcps6](https://www.kali.org/tools/thc-ipv6/#atk6-fuzz_dhcps6)
    - [$ atk6-fuzz\_ip6](https://www.kali.org/tools/thc-ipv6/#atk6-fuzz_ip6)
    - [$ atk6-implementation6](https://www.kali.org/tools/thc-ipv6/#atk6-implementation6)
    - [$ atk6-implementation6d](https://www.kali.org/tools/thc-ipv6/#atk6-implementation6d)
    - [$ atk6-inject\_alive6](https://www.kali.org/tools/thc-ipv6/#atk6-inject_alive6)
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* [**thc-ssl-dos$**](https://www.kali.org/tools/thc-ssl-dos/)
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    - [$ scriptlive](https://www.kali.org/tools/util-linux/#scriptlive)
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    - [$ wall](https://www.kali.org/tools/util-linux/#wall)
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    - [$ swapon](https://www.kali.org/tools/util-linux/#swapon)
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    - [$ fsck.cramfs](https://www.kali.org/tools/util-linux/#fsckcramfs)
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    - [$ hwclock](https://www.kali.org/tools/util-linux/#hwclock)
    - [$ lsfd](https://www.kali.org/tools/util-linux/#lsfd)
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    - [$ uuidd](https://www.kali.org/tools/util-linux/#uuidd)
    - [$ uuidgen](https://www.kali.org/tools/util-linux/#uuidgen)
    - [$ uuidparse](https://www.kali.org/tools/util-linux/#uuidparse)

V

* [**vboot-utils**](https://www.kali.org/tools/vboot-utils/)
  + [cgpt](https://www.kali.org/tools/vboot-utils/#cgpt)
    - [$ cgpt](https://www.kali.org/tools/vboot-utils/#cgpt-1)
  + [vboot-kernel-utils](https://www.kali.org/tools/vboot-utils/#vboot-kernel-utils)
    - [$ futility](https://www.kali.org/tools/vboot-utils/#futility)
    - [$ vbutil\_kernel](https://www.kali.org/tools/vboot-utils/#vbutil_kernel)
  + [vboot-utils](https://www.kali.org/tools/vboot-utils/#vboot-utils)
    - [$ chromeos-tpm-recovery](https://www.kali.org/tools/vboot-utils/#chromeos-tpm-recovery)
    - [$ crossystem](https://www.kali.org/tools/vboot-utils/#crossystem)
    - [$ dev\_debug\_vboot](https://www.kali.org/tools/vboot-utils/#dev_debug_vboot)
    - [$ dumpRSAPublicKey](https://www.kali.org/tools/vboot-utils/#dumprsapublickey)
    - [$ dump\_fmap](https://www.kali.org/tools/vboot-utils/#dump_fmap)
    - [$ dump\_kernel\_config](https://www.kali.org/tools/vboot-utils/#dump_kernel_config)
    - [$ enable\_dev\_usb\_boot](https://www.kali.org/tools/vboot-utils/#enable_dev_usb_boot)
    - [$ gbb\_utility](https://www.kali.org/tools/vboot-utils/#gbb_utility)
    - [$ tpm-nvsize](https://www.kali.org/tools/vboot-utils/#tpm-nvsize)
    - [$ tpmc](https://www.kali.org/tools/vboot-utils/#tpmc)
    - [$ vbutil\_firmware](https://www.kali.org/tools/vboot-utils/#vbutil_firmware)
    - [$ vbutil\_key](https://www.kali.org/tools/vboot-utils/#vbutil_key)
    - [$ vbutil\_keyblock](https://www.kali.org/tools/vboot-utils/#vbutil_keyblock)
* [**veil**](https://www.kali.org/tools/veil/)
  + [veil](https://www.kali.org/tools/veil/#veil)
    - [$ veil](https://www.kali.org/tools/veil/#veil-1)
  + [veil-catapult](https://www.kali.org/tools/veil/#veil-catapult)
  + [veil-evasion](https://www.kali.org/tools/veil/#veil-evasion)
* [**villain$**](https://www.kali.org/tools/villain/)
* [**vim**](https://www.kali.org/tools/vim/)
  + [vim](https://www.kali.org/tools/vim/#vim)
    - [$ vim.basic](https://www.kali.org/tools/vim/#vimbasic)
  + [vim-athena](https://www.kali.org/tools/vim/#vim-athena)
  + [vim-common](https://www.kali.org/tools/vim/#vim-common)
    - [$ helpztags](https://www.kali.org/tools/vim/#helpztags)
  + [vim-doc](https://www.kali.org/tools/vim/#vim-doc)
  + [vim-gtk3](https://www.kali.org/tools/vim/#vim-gtk3)
    - [$ vim.gtk3](https://www.kali.org/tools/vim/#vimgtk3)
  + [vim-gui-common](https://www.kali.org/tools/vim/#vim-gui-common)
    - [$ gvimtutor](https://www.kali.org/tools/vim/#gvimtutor)
  + [vim-motif](https://www.kali.org/tools/vim/#vim-motif)
    - [$ vim.motif](https://www.kali.org/tools/vim/#vimmotif)
  + [vim-nox](https://www.kali.org/tools/vim/#vim-nox)
    - [$ vim.nox](https://www.kali.org/tools/vim/#vimnox)
  + [vim-runtime](https://www.kali.org/tools/vim/#vim-runtime)
    - [$ vimtutor](https://www.kali.org/tools/vim/#vimtutor)
  + [vim-tiny](https://www.kali.org/tools/vim/#vim-tiny)
    - [$ vim.tiny](https://www.kali.org/tools/vim/#vimtiny)
  + [xxd](https://www.kali.org/tools/vim/#xxd)
    - [$ xxd](https://www.kali.org/tools/vim/#xxd-1)
* [**vinetto$**](https://www.kali.org/tools/vinetto/)
* [**vlan**](https://www.kali.org/tools/vlan/)
  + - [$ vconfig](https://www.kali.org/tools/vlan/#vconfig)
* [**voiphopper$**](https://www.kali.org/tools/voiphopper/)
* [**vopono$**](https://www.kali.org/tools/vopono/)
* [**vpnc**](https://www.kali.org/tools/vpnc/)
  + - [$ cisco-decrypt](https://www.kali.org/tools/vpnc/#cisco-decrypt)
    - [$ pcf2vpnc](https://www.kali.org/tools/vpnc/#pcf2vpnc)
    - [$ vpnc](https://www.kali.org/tools/vpnc/#vpnc-1)
    - [$ vpnc-connect](https://www.kali.org/tools/vpnc/#vpnc-connect)
    - [$ vpnc-disconnect](https://www.kali.org/tools/vpnc/#vpnc-disconnect)

W

* [**wafw00f$**](https://www.kali.org/tools/wafw00f/)
* [**wapiti**](https://www.kali.org/tools/wapiti/)
  + - [$ wapiti](https://www.kali.org/tools/wapiti/#wapiti-1)
    - [$ wapiti-getcookie](https://www.kali.org/tools/wapiti/#wapiti-getcookie)
* [**watobo$**](https://www.kali.org/tools/watobo/)
* [**waybackpy$**](https://www.kali.org/tools/waybackpy/)
* [**wce$**](https://www.kali.org/tools/wce/)
* [**webacoo$**](https://www.kali.org/tools/webacoo/)
* [**webscarab$**](https://www.kali.org/tools/webscarab/)
* [**webshells$**](https://www.kali.org/tools/webshells/)
* [**websploit$**](https://www.kali.org/tools/websploit/)
* [**weevely$**](https://www.kali.org/tools/weevely/)
* [**wfuzz$**](https://www.kali.org/tools/wfuzz/)
* [**wget$**](https://www.kali.org/tools/wget/)
* [**wgetpaste$**](https://www.kali.org/tools/wgetpaste/)
* [**what-is-python**](https://www.kali.org/tools/what-is-python/)
  + [python-dev-is-python3](https://www.kali.org/tools/what-is-python/#python-dev-is-python3)
    - [$ pdb](https://www.kali.org/tools/what-is-python/#pdb)
    - [$ python-config](https://www.kali.org/tools/what-is-python/#python-config)
  + [python-is-python3](https://www.kali.org/tools/what-is-python/#python-is-python3)
    - [$ pydoc](https://www.kali.org/tools/what-is-python/#pydoc)
    - [$ python](https://www.kali.org/tools/what-is-python/#python)
* [**whatmask$**](https://www.kali.org/tools/whatmask/)
* [**whatweb$**](https://www.kali.org/tools/whatweb/)
* [**whois**](https://www.kali.org/tools/whois/)
  + - [$ mkpasswd](https://www.kali.org/tools/whois/#mkpasswd)
    - [$ whois](https://www.kali.org/tools/whois/#whois-1)
* [**wifi-honey$**](https://www.kali.org/tools/wifi-honey/)
* [**wifiphisher$**](https://www.kali.org/tools/wifiphisher/)
* [**wifipumpkin3**](https://www.kali.org/tools/wifipumpkin3/)
  + - [$ captiveflask](https://www.kali.org/tools/wifipumpkin3/#captiveflask)
    - [$ evilqr3](https://www.kali.org/tools/wifipumpkin3/#evilqr3)
    - [$ phishkin3](https://www.kali.org/tools/wifipumpkin3/#phishkin3)
    - [$ sslstrip3](https://www.kali.org/tools/wifipumpkin3/#sslstrip3)
    - [$ wifipumpkin3](https://www.kali.org/tools/wifipumpkin3/#wifipumpkin3-1)
    - [$ wp3](https://www.kali.org/tools/wifipumpkin3/#wp3)
* [**wifite$**](https://www.kali.org/tools/wifite/)
* [**wig$**](https://www.kali.org/tools/wig/)
* [**wig-ng**](https://www.kali.org/tools/wig-ng/)
  + - [$ wig-ng](https://www.kali.org/tools/wig-ng/#wig-ng-1)
    - [$ wig-ng.py](https://www.kali.org/tools/wig-ng/#wig-ngpy)
* [**windows-binaries**](https://www.kali.org/tools/windows-binaries/)
  + - [$ windows-binaries](https://www.kali.org/tools/windows-binaries/#windows-binaries-1)
    - [$ windows-resources](https://www.kali.org/tools/windows-binaries/#windows-resources)
* [**windows-privesc-check$**](https://www.kali.org/tools/windows-privesc-check/)
* [**winexe$**](https://www.kali.org/tools/winexe/)
* [**winregfs**](https://www.kali.org/tools/winregfs/)
  + - [$ fsck.winregfs](https://www.kali.org/tools/winregfs/#fsckwinregfs)
    - [$ mount.winregfs](https://www.kali.org/tools/winregfs/#mountwinregfs)
* [**wireshark**](https://www.kali.org/tools/wireshark/)
  + [libwireshark-data](https://www.kali.org/tools/wireshark/#libwireshark-data)
  + [libwireshark-dev](https://www.kali.org/tools/wireshark/#libwireshark-dev)
  + [libwireshark17t64](https://www.kali.org/tools/wireshark/#libwireshark17t64)
  + [libwiretap-dev](https://www.kali.org/tools/wireshark/#libwiretap-dev)
  + [libwiretap14t64](https://www.kali.org/tools/wireshark/#libwiretap14t64)
  + [libwsutil-dev](https://www.kali.org/tools/wireshark/#libwsutil-dev)
  + [libwsutil15t64](https://www.kali.org/tools/wireshark/#libwsutil15t64)
  + [tshark](https://www.kali.org/tools/wireshark/#tshark)
    - [$ tshark](https://www.kali.org/tools/wireshark/#tshark-1)
  + [wireshark](https://www.kali.org/tools/wireshark/#wireshark)
    - [$ wireshark](https://www.kali.org/tools/wireshark/#wireshark-1)
  + [wireshark-common](https://www.kali.org/tools/wireshark/#wireshark-common)
    - [$ capinfos](https://www.kali.org/tools/wireshark/#capinfos)
    - [$ captype](https://www.kali.org/tools/wireshark/#captype)
    - [$ dumpcap](https://www.kali.org/tools/wireshark/#dumpcap)
    - [$ editcap](https://www.kali.org/tools/wireshark/#editcap)
    - [$ mergecap](https://www.kali.org/tools/wireshark/#mergecap)
    - [$ mmdbresolve](https://www.kali.org/tools/wireshark/#mmdbresolve)
    - [$ randpkt](https://www.kali.org/tools/wireshark/#randpkt)
    - [$ rawshark](https://www.kali.org/tools/wireshark/#rawshark)
    - [$ reordercap](https://www.kali.org/tools/wireshark/#reordercap)
    - [$ sharkd](https://www.kali.org/tools/wireshark/#sharkd)
    - [$ text2pcap](https://www.kali.org/tools/wireshark/#text2pcap)
  + [wireshark-dev](https://www.kali.org/tools/wireshark/#wireshark-dev)
    - [$ asn2deb](https://www.kali.org/tools/wireshark/#asn2deb)
    - [$ idl2deb](https://www.kali.org/tools/wireshark/#idl2deb)
    - [$ idl2wrs](https://www.kali.org/tools/wireshark/#idl2wrs)
  + [wireshark-doc](https://www.kali.org/tools/wireshark/#wireshark-doc)
* [**witnessme**](https://www.kali.org/tools/witnessme/)
  + - [$ witnessme](https://www.kali.org/tools/witnessme/#witnessme-1)
    - [$ wmapi](https://www.kali.org/tools/witnessme/#wmapi)
    - [$ wmdb](https://www.kali.org/tools/witnessme/#wmdb)
* [**wmi**](https://www.kali.org/tools/wmi/)
  + [wmi-client](https://www.kali.org/tools/wmi/#wmi-client)
    - [$ wmic](https://www.kali.org/tools/wmi/#wmic)
    - [$ wmis](https://www.kali.org/tools/wmi/#wmis)
* [**wordlistraider$**](https://www.kali.org/tools/wordlistraider/)
* [**wordlists$**](https://www.kali.org/tools/wordlists/)
* [**wotmate$**](https://www.kali.org/tools/wotmate/)
* [**wpa-sycophant**](https://www.kali.org/tools/wpa-sycophant/)
  + - [$ wpa\_sycophant](https://www.kali.org/tools/wpa-sycophant/#wpa_sycophant)
* [**wpscan$**](https://www.kali.org/tools/wpscan/)
* [**wsgidav**](https://www.kali.org/tools/wsgidav/)
  + [python-wsgidav-doc](https://www.kali.org/tools/wsgidav/#python-wsgidav-doc)
  + [python3-wsgidav](https://www.kali.org/tools/wsgidav/#python3-wsgidav)
    - [$ wsgidav](https://www.kali.org/tools/wsgidav/#wsgidav)

X

* [**xmount$**](https://www.kali.org/tools/xmount/)
* [**xplico**](https://www.kali.org/tools/xplico/)
  + - [$ mfbc](https://www.kali.org/tools/xplico/#mfbc)
    - [$ mfile](https://www.kali.org/tools/xplico/#mfile)
    - [$ mpaltalk](https://www.kali.org/tools/xplico/#mpaltalk)
    - [$ mwmail](https://www.kali.org/tools/xplico/#mwmail)
    - [$ trigcap](https://www.kali.org/tools/xplico/#trigcap)
    - [$ xplico](https://www.kali.org/tools/xplico/#xplico-1)
    - [$ xplico-webui](https://www.kali.org/tools/xplico/#xplico-webui)
    - [$ xplico-webui-stop](https://www.kali.org/tools/xplico/#xplico-webui-stop)
* [**xspy$**](https://www.kali.org/tools/xspy/)
* [**xsser$**](https://www.kali.org/tools/xsser/)

Y

* [**yara**](https://www.kali.org/tools/yara/)
  + [libyara-dev](https://www.kali.org/tools/yara/#libyara-dev)
  + [libyara10](https://www.kali.org/tools/yara/#libyara10)
  + [yara](https://www.kali.org/tools/yara/#yara)
    - [$ yara](https://www.kali.org/tools/yara/#yara-1)
    - [$ yarac](https://www.kali.org/tools/yara/#yarac)
  + [yara-doc](https://www.kali.org/tools/yara/#yara-doc)
* [**yersinia$**](https://www.kali.org/tools/yersinia/)

Z

* [**zaproxy**](https://www.kali.org/tools/zaproxy/)
  + - [$ owasp-zap](https://www.kali.org/tools/zaproxy/#owasp-zap)
    - [$ zaproxy](https://www.kali.org/tools/zaproxy/#zaproxy-1)
* [**zenmap-kbx$**](https://www.kali.org/tools/zenmap-kbx/)
* [**zerofree$**](https://www.kali.org/tools/zerofree/)
* [**zim$**](https://www.kali.org/tools/zim/)
* [**zonedb**](https://www.kali.org/tools/zonedb/)
  + [golang-github-zonedb-zonedb-dev](https://www.kali.org/tools/zonedb/#golang-github-zonedb-zonedb-dev)
  + [zonedb](https://www.kali.org/tools/zonedb/#zonedb)
    - [$ zonedb](https://www.kali.org/tools/zonedb/#zonedb-1)
* [**zsh**](https://www.kali.org/tools/zsh/)
  + [zsh](https://www.kali.org/tools/zsh/#zsh)
    - [$ rzsh](https://www.kali.org/tools/zsh/#rzsh)
    - [$ zsh](https://www.kali.org/tools/zsh/#zsh-1)
    - [$ zsh5](https://www.kali.org/tools/zsh/#zsh5)
  + [zsh-common](https://www.kali.org/tools/zsh/#zsh-common)
  + [zsh-dev](https://www.kali.org/tools/zsh/#zsh-dev)
  + [zsh-doc](https://www.kali.org/tools/zsh/#zsh-doc)
  + [zsh-static](https://www.kali.org/tools/zsh/#zsh-static)
    - [$ zsh-static](https://www.kali.org/tools/zsh/#zsh-static-1)
    - [$ zsh5-static](https://www.kali.org/tools/zsh/#zsh5-static)
* [**zsh-autosuggestions**](https://www.kali.org/tools/zsh-autosuggestions/)
* [**zsh-syntax-highlighting**](https://www.kali.org/tools/zsh-syntax-highlighting/)