

# A Detailed Guide on **Feroxbuster**



## Contents

Introduction .....	3
Lab setup.....	3
Installation .....	3
Default mode .....	3
Redirects .....	5
Extensions .....	6
Result output .....	8
User agent.....	8
Filter status code.....	9
Quiet mode .....	10
Controlling threads .....	10
Custom wordlist .....	11
Disable recursion.....	12
Limit recursion depth.....	12
Force Recursion.....	13
Filter by character size .....	14
Filter by number of words.....	16
Filter by number of lines .....	17
Filter by status code using deny list .....	18
Filter by status code using allow list .....	19
Generating random User-Agent.....	20
HTTP methods.....	21
Custom headers .....	22
Cookies.....	22
Adding slash .....	23
Capturing requests in Burp .....	24
Read target from list .....	24
Resume from last state .....	25
Follow redirect .....	27
Timeout.....	27
Comparasion between Feroxbuster and other tools .....	29
Conclusion.....	29



## Introduction

**This Feroxbuster guide** covers everything you need to know about using this powerful tool to identify directories and files on web servers through brute-force techniques. **Feroxbuster** is a robust tool designed to identify directories and files on web servers using **brute-force techniques**. It is frequently utilized in penetration testing and security evaluations to **detect concealed paths and resources**. Here we are going to discuss various tasks which we can perform using **Feroxbuster**.

## Lab setup

Target Machine: 192.168.1.4

Attacker Machine: 192.168.1.31 (Kali Linux)

After setting up a web server in the target machine, we can proceed with the enumeration in the kali linux after installing Feroxbuster.

## Installation

To install the Feroxbuster in kali linux, we can use the following command:

```
apt install feroxbuster
```

```
[root@kali]-[~]
# apt install feroxbuster ←
feroxbuster is already the newest version (2.10)
The following packages were automatically installed:
  libabsl20220623  libboost-iostreams1.74.0  lib
  libadwaita-1-0    libboost-thread1.74.0     lib
  libajio1          libboost1.83-dev       lib
```

## Default mode

Once we are done with the installation, we can proceed with the enumeration part. To perform a default directory brute force, we can use the following command:

```
feroxbuster -u http://192.168.1.4
```



```
—(root㉿kali)-[~]
─# feroxbuster -u http://192.168.1.4 ↵

[!] Feroxbuster v2.10.4 - The Web Content Scanner
by Ben "epi" Risher (@)
ver: 2.10.4

[?] Target Url           http://192.168.1.4
[?] Threads              50
[?] Wordlist             /usr/share/seclists/Discovery/Web-Content/raft-medium-directories.txt
[?] Status Codes          All Status Codes!
[?] Timeout (secs)        7
[?] User-Agent            feroxbuster/2.10.4
[?] Config File           /etc/feroxbuster/ferox-config.toml
[?] Extract Links         true
[?] HTTP methods          [GET]
[?] Recursion Depth       4

[!] Press [ENTER] to use the Scan Management Menu™

+---+-----+-----+-----+-----+
| 03 | GET   | 11l  | 32w   | -c Auto-filtering found 404-like response and created new filt |
+---+-----+-----+-----+-----+
| 04 | GET   | 9l   | 32w   | -c Auto-filtering found 404-like response and created new filt |
+---+-----+-----+-----+-----+
| 02 | GET   | 0l   | 0w    | 0c http://192.168.1.4/ => login.php |
+---+-----+-----+-----+-----+
| 01 | GET   | 9l   | 28w   | 309c http://192.168.1.4/docs => http://192.168.1.4/docs/ |
+---+-----+-----+-----+-----+
| 01 | GET   | 9l   | 28w   | 311c http://192.168.1.4/config => http://192.168.1.4/config/ |
+---+-----+-----+-----+-----+
| 00 | GET   | 47l  | 282w  | 1859c http://192.168.1.4/config/config.inc.php.bak |
+---+-----+-----+-----+-----+
| 01 | GET   | 9l   | 28w   | 313c http://192.168.1.4/external => http://192.168.1.4/external/ |
+---+-----+-----+-----+-----+
| 01 | GET   | 9l   | 28w   | 324c http://192.168.1.4/external/phpids/0.6 => http://192.168.1.4/external/phpids/0.6 |
+---+-----+-----+-----+-----+
| 00 | GET   | 0l   | 0w    | 0c http://192.168.1.4/external/recaptcha/recaptchalib.php |
+---+-----+-----+-----+-----+
| 04 | GET   | 9l   | 33w   | 289c http://192.168.1.4/external%20files |
+---+-----+-----+-----+-----+
```

It can be seen from above that the wordlist used in default mode is the `raft-medium-directories.txt`.

To get a less verbose output, we can use the `--silent` flag to hide the non-essential data.

```
feroxbuster -u http://192.168.1.4 --silent
```



```
[root@kali] ~
# feroxbuster -u http://192.168.1.4 --silent ←

http://192.168.1.4/
http://192.168.1.4/docs
http://192.168.1.4/config
http://192.168.1.4/docs/pdf.html
http://192.168.1.4/config/config.inc.php.dist
http://192.168.1.4/config/config.inc.php
http://192.168.1.4/external
http://192.168.1.4/external/recaptcha/recaptchalib.php
http://192.168.1.4/Reports%20List
http://192.168.1.4/docs/DVWA_v1.3.pdf
http://192.168.1.4/Style%20Library
http://192.168.1.4/config/config.inc.php.bak
http://192.168.1.4/neuf%20giga%20photo
http://192.168.1.4/external/phpids/0.6
http://192.168.1.4/My%20Project
http://192.168.1.4/Donate%20Cash
http://192.168.1.4/Home%20Page
http://192.168.1.4/Press%20Releases
http://192.168.1.4/Site%20Map
http://192.168.1.4/Gift%20Form
http://192.168.1.4/Life%20Income%20Gift
http://192.168.1.4/New%20Folder
http://192.168.1.4/Site%20Assets
http://192.168.1.4/What%20is%20New
```

## Redirects

In order to allow the Feroxbuster to continue the directory brute forcing on the redirected URL, we can use the **-r** or **--redirect** flag. For example if <http://192.168.1.4> redirects to <http://192.168.1.4/newpath>, Feroxbuster will follow this redirection and continue to scan <http://192.168.1.4/newpath> for directories and files.

```
feroxbuster -u http://192.168.1.4 -r
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -r ←

[!] [!] [!] [!] [!]
[!] [www] <http://> [articles.in]
by Ben "epi" Risher ↵ ver: 2.10.4

● Target Url          http://192.168.1.4
● Threads             50
● Wordlist            /usr/share/seclists/Discovery/Web-Content/raft-medium-directories.txt
● Status Codes        All Status Codes!
● Timeout (secs)      7
● User-Agent          feroxbuster/2.10.4
● Config File         /etc/feroxbuster/ferox-config.toml
● Extract Links       true
● HTTP methods        [GET]
● Follow Redirects    true
● Recursion Depth     4

[*] Press [ENTER] to use the Scan Management Menu™

404   GET    9l    32w      -c Auto-filtering found 404-like response and created new
403   GET    11l   32w      -c Auto-filtering found 404-like response and created new
200   GET    47l   282w     1864c http://192.168.1.4/config/config.inc.php.dist
200   GET    47l   282w     1859c http://192.168.1.4/config/config.inc.php.bak
200   GET    0l    0w       0c http://192.168.1.4/config/config.inc.php
200   GET    1l    10w      105c http://192.168.1.4/docs/pdf.html
200   GET    59l   101w     842c http://192.168.1.4/dvwa/css/login.css
200   GET    39l   244w     16182c http://192.168.1.4/dvwa/images/login_logo.png
200   GET    0l    0w       0c http://192.168.1.4/external/recaptcha/recaptchalib.php
200   GET    165l  1234w    7639c http://192.168.1.4/external/phpids/0.6/LICENSE
200   GET    2922l 17217w   730335c http://192.168.1.4/docs/DVWA_v1.3.pdf
200   GET    17l   69w      1136c http://192.168.1.4/docs/
```

## Extensions

To perform brute-force for a particular type of file extension, the **-x** or **--extensions** flag can be used.

```
feroxbuster -u http://192.168.1.4 -x php,txt --silent
```



```
[root@kali] ~
# feroxbuster -u http://192.168.1.4 -x php,txt --silent ←

http://192.168.1.4/
http://192.168.1.4/docs
http://192.168.1.4/config
http://192.168.1.4/config/config.inc.php.dist
http://192.168.1.4/config/config.inc.php.bak
http://192.168.1.4/dvwa/js/add_event_listeners.js
http://192.168.1.4/dvwa/css/main.css
http://192.168.1.4/dvwa/js/dvwaPage.js
http://192.168.1.4/dvwa/css/source.css
http://192.168.1.4/dvwa/includes/dvwaPage.inc.php
http://192.168.1.4/dvwa/includes/DBMS/MySQL.php
http://192.168.1.4/index.php
http://192.168.1.4/dvwa/includes/DBMS/PGSQL.php
http://192.168.1.4/dvwa/images/spanner.png
http://192.168.1.4/setup.php
http://192.168.1.4/external
http://192.168.1.4/external/phpids/0.6
http://192.168.1.4/external/recaptcha/recaptchalib.php
http://192.168.1.4/security.php
http://192.168.1.4/logout.php
http://192.168.1.4/dvwa/images/login_logo.png
http://192.168.1.4/dvwa/css/login.css
http://192.168.1.4/login.php
http://192.168.1.4/docs/pdf.html
http://192.168.1.4/config/config.inc.php
http://192.168.1.4/robots.txt
http://192.168.1.4/Reports%20List
http://192.168.1.4/Reports%20List.php
http://192.168.1.4/docs/DVWA_v1.3.pdf
http://192.168.1.4/dvwa/includes/dvwaPhpIds.inc.php
http://192.168.1.4/dvwa/images/logo.png
http://192.168.1.4/about.php
http://192.168.1.4/favicon.ico
http://192.168.1.4/instructions.php
http://192.168.1.4/dvwa/images/RandomStorm.png
http://192.168.1.4/dvwa/images/dollar.png
http://192.168.1.4/dvwa/images/warning.png
http://192.168.1.4/dvwa/css/help.css
http://192.168.1.4/external%20files
http://192.168.1.4/external%20files.php
http://192.168.1.4/external%20files.txt
http://192.168.1.4/dvwa/images/lock.png
http://192.168.1.4/Style%20Library
http://192.168.1.4/Style%20Library.txt
http://192.168.1.4/modern%20mom
http://192.168.1.4/modern%20mom.php
http://192.168.1.4/neuf%20giga%20photo
http://192.168.1.4/neuf%20giga%20photo.php
http://192.168.1.4/neuf%20giga%20photo.txt
http://192.168.1.4/phpinfo.php
http://192.168.1.4/Web%20References.php
http://192.168.1.4/Web%20References.txt
http://192.168.1.4/COPYING.txt
http://192.168.1.4/Contact%20Us
```



## Result output

If we want to log the output, we use the **--output** flag and then mentioning the file name.

```
feroxbuster -u http://192.168.1.4 --output results.txt
```

## User agent

To set up a custom user agent to send request at the server, we can use the `-a` or `--user-agent` flag. By default, the user agent used by Feroxbuster is `feroxbuster/<version>`.

```
feroxbuster -u http://192.168.1.4 -a "Mozilla/5.0 (Windows NT 10.0; Win64; x64)"
```

```
[root@Kali:~]# feroxbuster -u http://192.168.1.4 -a "Mozilla/5.0 (Windows NT 10.0; Win64; x64)" ←  
|__|__|__|_)|_)| /www.Kali.org/|__|__|  
|__|__|F\| |\ \|\ \_, \ \ / / \ | |/_/ |__|  
by Ben "epi" Risher 😊 ver: 2.10.4  


---



|                         |                                                                |
|-------------------------|----------------------------------------------------------------|
| 🎯 Target Url            | http://192.168.1.4                                             |
| 🚀 Threads               | 50                                                             |
| 📖 Wordlist              | /usr/share/seclists/Discovery/Web-Content/raft-medium-director |
| 🔥 Status Codes          | All Status Codes!                                              |
| ✳️ Timeout (secs)       | 7                                                              |
| crawler User-Agent      | Mozilla/5.0 (Windows NT 10.0; Win64; x64)                      |
| 🔧 Config File           | /etc/feroxbuster/ferox-config.toml                             |
| 🔍 Extract Links         | true                                                           |
| 🌐 HTTP methods          | [GET]                                                          |
| crawler Recursion Depth | 4                                                              |


```



## Filter status code

There are times when we need to skip certain status codes responses, so we can use the **-C** or **--filter-status**, to skip the results of the mentioned codes. If we want to include a particular status code in output, we can use the **-s** or **--status-codes** flag.

```
feroxbuster -u http://192.168.1.4 -C 403,404
```



## Quiet mode

To present the output without showing the progress bar or banner, we can use the quite mode by giving the **-q** or **--quiet** flag.

```
feroxbuster -u http://192.168.1.4 -q
```

```
└──(root㉿kali)-[~]
  # feroxbuster -u http://192.168.1.4 -q ←

 403      GET    11l      32w      -c Auto-filtering found 404-like
 404      GET    9l       32w      -c Auto-filtering found 404-like
 302      GET    0l       0w       0c http://192.168.1.4/ ⇒ login
 301      GET    9l       28w     311c http://192.168.1.4/config ⇒
 301      GET    9l       28w     309c http://192.168.1.4/docs ⇒ h
 200      GET    47l      282w    1864c http://192.168.1.4/config/co
 200      GET    1l       10w     105c http://192.168.1.4/docs/pdf.
 301      GET    9l       28w     313c http://192.168.1.4/external
 301      GET    9l       28w     324c http://192.168.1.4/external/
 200      GET    0l       0w       0c http://192.168.1.4/external/
 404      GET    9l       33w     287c http://192.168.1.4/Reports%20
 200      GET    2922l    17217w   730335c http://192.168.1.4/docs/DVWA
 404      GET    9l       33w     289c http://192.168.1.4/external%
 404      GET    9l       33w     288c http://192.168.1.4/Style%20L
 200      GET    47l      282w    1859c http://192.168.1.4/config/co
 200      GET    0l       0w       0c http://192.168.1.4/config/co
 404      GET    9l       33w     285c http://192.168.1.4/modern%20
 404      GET    9l       34w     290c http://192.168.1.4/neuf%20gi
 404      GET    9l       33w     285c http://192.168.1.4/Contact%20
 404      GET    9l       33w     286c http://192.168.1.4/Donate%20
```

## Controlling threads

To control the number of concurrent threads depending on the environment type, we can use the **--threads** or **-t** flag. The default threads value is 50.

```
feroxbuster -u http://192.168.1.4 -t 20
```



## Custom wordlist

To use a custom wordlist, we can use the **-w** or **--wordlist** flag and then give the wordlist path. Here we are giving the **common.txt** file path.

```
feroxbuster -u http://192.168.1.4 -w /usr/share/wordlists/dirb/common.txt
```



## Disable recursion

To allow the scanning of only top level directories, we can set the **-n** or **--no-recursion** flag to disable the recursive scanning.

```
feroxbuster -u http://192.168.1.4 -n
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -n ↵

[!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!] [!!]
by Ben "epi" Risher 😊 ver: 2.10.4

Target Url          http://192.168.1.4
Threads             50
Wordlist            /usr/share/seclists/Discovery/Web-Content/raft-medium-directories.txt
Status Codes        All Status Codes!
Timeout (secs)      7
User-Agent          feroxbuster/2.10.4
Config File         /etc/feroxbuster/ferox-config.toml
Extract Links       true
HTTP methods        [GET]
Do Not Recurse     true

Press [ENTER] to use the Scan Management Menu™

403    GET    11l    32w      -c Auto-filtering found 404-like response and created new filter
404    GET    9l     32w      -c Auto-filtering found 404-like response and created new filter
302    GET    0l     0w       0c http://192.168.1.4/ ⇒ login.php
301    GET    9l     28w      311c http://192.168.1.4/config ⇒ http://192.168.1.4/config/
301    GET    9l     28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/docs/
301    GET    9l     28w      313c http://192.168.1.4/external ⇒ http://192.168.1.4/external/
404    GET    9l     33w      287c http://192.168.1.4/Reports%20List
404    GET    9l     33w      289c http://192.168.1.4/external%20files
404    GET    9l     33w      288c http://192.168.1.4/Style%20Library
404    GET    9l     33w      285c http://192.168.1.4/modern%20mom
404    GET    9l     34w      290c http://192.168.1.4/neuf%20giga%20photo
404    GET    9l     33w      289c http://192.168.1.4/Web%20References
404    GET    9l     33w      285c http://192.168.1.4/My%20Project
404    GET    9l     33w      285c http://192.168.1.4/Contact%20Us
```

## Limit recursion depth

To set a limit on the depth of recursion, we can use the `-L` or `--scan-limit`.

```
feroxbuster -u http://192.168.1.4 -L 4
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -L 4 ←

www.hackingarticles.in
by Ben "epi" Risher 🇺🇸
ver: 2.10.4

🎯 Target Url          http://192.168.1.4
🚀 Threads              50
📘 Wordlist            /usr/share/seclists/Discovery/Web-Co
🔥 Status Codes         All Status Codes!
⌚ Timeout (secs)       7
🦜 User-Agent           feroxbuster/2.10.4
🔧 Config File          /etc/feroxbuster/ferox-config.toml
🌐 Extract Links       true
🏁 HTTP methods          [GET]
🕒 Recursion Depth      4
🕰 Concurrent Scan Limit 4
```

## Force Recursion

To ensure that the recursion is used, we can use the **--force-recursion** flag.

```
feroxbuster -u http://192.168.1.4 --force-recursion
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 --force-recursion ←

www.hackingarticles.in
by Ben "epi" Risher 🇺🇸
ver: 2.10.4

🎯 Target Url          http://192.168.1.4
🚀 Threads              50
📘 Wordlist            /usr/share/seclists/Discovery/Web-Content/raft-medium-di
🔥 Status Codes         All Status Codes!
⌚ Timeout (secs)       7
🦜 User-Agent           feroxbuster/2.10.4
🔧 Config File          /etc/feroxbuster/ferox-config.toml
🌐 Extract Links       true
🏁 HTTP methods          [GET]
🕒 Recursion Depth      4
👉 Force Recursion      true

🏁 Press [ENTER] to use the Scan Management Menu™

404      GET      91      32w      -c Auto-filtering found 404-like response and
403      GET      11l      32w      -c Auto-filtering found 404-like response and
302      GET      0l      0w      0c http://192.168.1.4/ ⇒ login.php
301      GET      91      28w      311c http://192.168.1.4/config ⇒ http://192.168.1.4/
301      GET      91      28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/
```



## Filter by character size

To filter out the messages of a particular length, we can use the **-S** or **--filter-size** flag. This will filter based on character size.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster -u http://192.168.1.4 -q -S 285,286,283,289
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -q ←

404      GET      9l      32w      -c Auto-filtering found 404-like response and
403      GET      11l     32w      -c Auto-filtering found 404-like response and
302      GET      0l      0w       0c http://192.168.1.4/ ⇒ login.php
301      GET      9l      28w      311c http://192.168.1.4/config ⇒ http://192.168.1.4/
200      GET      47l     282w     1859c http://192.168.1.4/config/config.inc.php.bak
200      GET      47l     282w     1864c http://192.168.1.4/config/config.inc.php.config
200      GET      0l      0w       0c http://192.168.1.4/config/config.inc.php
301      GET      9l      28w      313c http://192.168.1.4/external ⇒ http://192.168.1.4/
200      GET      0l      0w       0c http://192.168.1.4/external/recaptcha/recaptch
301      GET      9l      28w      324c http://192.168.1.4/external/phpids/0.6 ⇒
404      GET      9l      33w      288c http://192.168.1.4/Style%20Library
301      GET      9l      28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/
200      GET      1l      10w      105c http://192.168.1.4/docs/pdf.html
404      GET      9l      34w      290c http://192.168.1.4/neuf%20giga%20photo
404      GET      9l      33w      285c http://192.168.1.4/modern%20mom
200      GET      2922l    17217w   730335c http://192.168.1.4/docs/DVWA_v1.3.pdf
404      GET      9l      33w      285c http://192.168.1.4/Contact%20Us
404      GET      9l      33w      286c http://192.168.1.4/Donate%20Cash
404      GET      9l      33w      289c http://192.168.1.4/Planned%20Giving
404      GET      9l      33w      283c http://192.168.1.4/Site%20Map
404      GET      9l      33w      289c http://192.168.1.4/Privacy%20Policy
404      GET      9l      33w      287c http://192.168.1.4/Bequest%20Gift
404      GET      9l      33w      284c http://192.168.1.4/Gift%20Form
404      GET      9l      34w      291c http://192.168.1.4/Life%20Income%20Gift
404      GET      9l      33w      286c http://192.168.1.4/Site%20Assets
404      GET      9l      34w      286c http://192.168.1.4/What%20is%20New
Scanning: http://192.168.1.4/
⚠ Caught ctrl+c ⚡ saving scan state to ferox-http_192_168_1_4-1723366593.state ...
Scanning: http://192.168.1.4/
Scanning: http://192.168.1.4/config/
Scanning: http://192.168.1.4/external/
Scanning: http://192.168.1.4/external/phpids/
Scanning: http://192.168.1.4/external/recaptcha/
Scanning: http://192.168.1.4/docs/

(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -q -S 285,286,283,289 ←

403      GET      11l     32w      -c Auto-filtering found 404-like response and
404      GET      9l      32w      -c Auto-filtering found 404-like response and
302      GET      0l      0w       0c http://192.168.1.4/ ⇒ login.php
301      GET      9l      28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/
301      GET      9l      28w      311c http://192.168.1.4/config ⇒ http://192.168.1.4/
200      GET      1l      10w      105c http://192.168.1.4/docs/pdf.html
200      GET      47l     282w     1864c http://192.168.1.4/config/config.inc.php.config
200      GET      47l     282w     1859c http://192.168.1.4/config/config.inc.php.bak
200      GET      0l      0w       0c http://192.168.1.4/config/config.inc.php
301      GET      9l      28w      313c http://192.168.1.4/external ⇒ http://192.168.1.4/
301      GET      9l      28w      324c http://192.168.1.4/external/phpids/0.6 ⇒
200      GET      0l      0w       0c http://192.168.1.4/external/recaptcha/recaptch
404      GET      9l      33w      287c http://192.168.1.4/Reports%20List
404      GET      9l      33w      288c http://192.168.1.4/Style%20Library
404      GET      9l      34w      290c http://192.168.1.4/neuf%20giga%20photo
200      GET      2922l    17217w   730335c http://192.168.1.4/docs/DVWA_v1.3.pdf
404      GET      9l      33w      284c http://192.168.1.4/Home%20Page
404      GET      9l      33w      287c http://192.168.1.4/Bequest%20Gift
404      GET      9l      33w      284c http://192.168.1.4/Gift%20Form
404      GET      9l      34w      291c http://192.168.1.4/Life%20Income%20Gift
Scanning: http://192.168.1.4/
```



## Filter by number of words

To filter out the results using number of words filter, we can use the `-w` or `--filter-words` flag.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster -u http://192.168.1.4 -q -W 33
```

```
(root㉿kali)-[~]  
# feroxbuster -u http://192.168.1.4 -q ←  
  
403      GET      11l      32w      -c Auto-filtering found 40  
404      GET      9l       32w      -c Auto-filtering found 40  
302      GET      0l       0w       0c http://192.168.1.4/ ⇒  
301      GET      9l       28w      309c http://192.168.1.4/docs  
301      GET      9l       28w      311c http://192.168.1.4/conf  
200      GET      1l       10w     105c http://192.168.1.4/docs  
200      GET      47l      282w     1864c http://192.168.1.4/conf  
301      GET      9l       28w      313c http://192.168.1.4/exter  
301      GET      9l       28w      324c http://192.168.1.4/exter  
200      GET      0l       0w       0c http://192.168.1.4/exter  
404      GET      9l       33w      287c http://192.168.1.4/Repo  
404      GET      9l       33w      289c http://192.168.1.4/exter  
404      GET      9l       33w      288c http://192.168.1.4/Styl  
200      GET      47l      282w     1859c http://192.168.1.4/conf  
200      GET      0l       0w       0c http://192.168.1.4/conf  
404      GET      9l       34w      290c http://192.168.1.4/neuf  
200      GET      2922l    17217w   730335c http://192.168.1.4/docs  
404      GET      9l       33w      289c http://192.168.1.4/Web&  
404      GET      9l       33w      285c http://192.168.1.4/My%2  
404      GET      9l       33w      286c http://192.168.1.4/Dona  
404      GET      9l       33w      284c http://192.168.1.4/Home  
404      GET      9l       33w      289c http://192.168.1.4/Plan  
404      GET      9l       33w      289c http://192.168.1.4/Pres  
404      GET      9l       33w      289c http://192.168.1.4/Priv  
404      GET      9l       33w      283c http://192.168.1.4/Site  
404      GET      9l       33w      284c http://192.168.1.4/Gift  
404      GET      9l       33w      285c http://192.168.1.4/New%  
Scanning: http://192.168.1.4/  
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-17  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/  
  
(root㉿kali)-[~]  
# feroxbuster -u http://192.168.1.4 -q -W 33 ←  
  
404      GET      9l       32w      -c Auto-filtering found 40  
403      GET      11l      32w      -c Auto-filtering found 40  
302      GET      0l       0w       0c http://192.168.1.4/ ⇒  
301      GET      9l       28w      311c http://192.168.1.4/conf  
301      GET      9l       28w      309c http://192.168.1.4/docs  
200      GET      47l      282w     1864c http://192.168.1.4/conf  
200      GET      47l      282w     1859c http://192.168.1.4/conf  
200      GET      0l       0w       0c http://192.168.1.4/conf  
301      GET      9l       28w      313c http://192.168.1.4/exter  
200      GET      0l       0w       0c http://192.168.1.4/exter  
301      GET      9l       28w      324c http://192.168.1.4/exter  
200      GET      1l       10w     105c http://192.168.1.4/docs  
404      GET      9l       34w      290c http://192.168.1.4/neuf  
200      GET      2922l    17217w   730335c http://192.168.1.4/docs  
Scanning: http://192.168.1.4/  
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-17  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/docs/
```



## Filter by number of lines

To filter out the results using number of words filter, we can use the **-N** or **--filter-lines** flag.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster -u http://192.168.1.4 -q -N 9
```

```
└──(root㉿kali)-[~]  
    └─# feroxbuster -u http://192.168.1.4 -q ←  
  
403      GET      11l      32w      -c Auto-filteri  
404      GET      9l       32w      -c Auto-filteri  
302      GET      0l       0w       0c http://192.1  
301      GET      9l       28w      311c http://192.1  
301      GET      9l       28w      309c http://192.1  
200      GET      47l      282w     1859c http://192.1  
200      GET      0l       0w       0c http://192.1  
301      GET      9l       28w      313c http://192.1  
200      GET      0l       0w       0c http://192.1  
404      GET      9l       33w      287c http://192.1  
200      GET      2922l    17217w   730335c http://192.1  
200      GET      1l       10w     105c http://192.1  
200      GET      47l      282w     1864c http://192.1  
404      GET      9l       33w      288c http://192.1  
301      GET      9l       28w      324c http://192.1  
404      GET      9l       34w      290c http://192.1  
404      GET      9l       33w      289c http://192.1  
404      GET      9l       33w      285c http://192.1  
404      GET      9l       33w      286c http://192.1  
404      GET      9l       33w      284c http://192.1  
404      GET      9l       33w      289c http://192.1  
404      GET      9l       33w      289c http://192.1  
404      GET      9l       33w      289c http://192.1  
404      GET      9l       33w      283c http://192.1  
404      GET      9l       33w      284c http://192.1  
404      GET      9l       33w      286c http://192.1  
  
Scanning: http://192.168.1.4/  
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/  
  
└──(root㉿kali)-[~]  
    └─# feroxbuster -u http://192.168.1.4 -q -N 9 ←  
  
404      GET      9l       32w      -c Auto-filteri  
403      GET      11l     32w      -c Auto-filteri  
200      GET      1l       10w     105c http://192.1  
302      GET      0l       0w       0c http://192.1  
200      GET      2922l   17217w   730335c http://192.1  
200      GET      47l      282w     1864c http://192.1  
200      GET      47l      282w     1859c http://192.1  
200      GET      0l       0w       0c http://192.1  
  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/external/
```



## Filter by status code using deny list

To filter the results using status codes (deny list), we can use the **--filter-status** flag.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster -u http://192.168.1.4 -q --filter-status 404
```

```
└─# feroxbuster -u http://192.168.1.4 -q ↵  
[404]   GET    9l     32w      -c Auto-filtering found 4*  
[403]   GET    11l    32w      -c Auto-filtering found 4*  
[301]   GET    9l     28w      309c http://192.168.1.4/docs/  
[200]   GET    1l     10w      105c http://192.168.1.4/docs/  
[301]   GET    9l     28w      313c http://192.168.1.4/external/  
[200]   GET    0l     0w       0c http://192.168.1.4/external/  
[301]   GET    9l     28w      324c http://192.168.1.4/external/  
[302]   GET    0l     0w       0c http://192.168.1.4/external/ ⇒  
[404]   GET    9l     33w      287c http://192.168.1.4/Replies/  
[404]   GET    9l     33w      288c http://192.168.1.4/Styling/  
[200]   GET    47l    282w     1859c http://192.168.1.4/config/  
[200]   GET    0l     0w       0c http://192.168.1.4/config/  
[301]   GET    9l     28w      311c http://192.168.1.4/config/  
[200]   GET    47l    282w     1864c http://192.168.1.4/config/  
[200]   GET    2922l   17217w   730335c http://192.168.1.4/docs/  
[404]   GET    9l     34w      290c http://192.168.1.4/news/  
[404]   GET    9l     33w      289c http://192.168.1.4/Webinars/  
[404]   GET    9l     33w      286c http://192.168.1.4/Downloads/  
[404]   GET    9l     33w      284c http://192.168.1.4/Home/  
[404]   GET    9l     33w      289c http://192.168.1.4/Private/  
[404]   GET    9l     33w      289c http://192.168.1.4/Presets/  
[404]   GET    9l     33w      283c http://192.168.1.4/Sites/  
[404]   GET    9l     33w      284c http://192.168.1.4/Gifs/  
[404]   GET    9l     34w      291c http://192.168.1.4/Life/  
[404]   GET    9l     33w      285c http://192.168.1.4/News/  
[404]   GET    9l     33w      286c http://192.168.1.4/Sites/  
  
Scanning: http://192.168.1.4/  
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-1  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/docs/pdf.html  
Scanning: http://192.168.1.4/external/recaptcha/recaptchalib.php  
Scanning: http://192.168.1.4/external/phpids/0.6  
Scanning: http://192.168.1.4/config/config.inc.php.bak  
Scanning: http://192.168.1.4/config/config.inc.php  
Scanning: http://192.168.1.4/config/config.inc.php.dist  
Scanning: http://192.168.1.4/docs/DVWA_v1.3.pdf  
  
└─(root㉿kali)-[~]  
└─# feroxbuster -u http://192.168.1.4 -q --filter-status 404 ↵  
[403]   GET    11l    32w      -c Auto-filtering found 4*  
[404]   GET    9l     32w      -c Auto-filtering found 4*  
[301]   GET    9l     28w      309c http://192.168.1.4/docs/  
[301]   GET    9l     28w      313c http://192.168.1.4/external/  
[200]   GET    1l     10w      105c http://192.168.1.4/docs/  
[302]   GET    0l     0w       0c http://192.168.1.4/external/ ⇒  
[200]   GET    47l    282w     1859c http://192.168.1.4/config/  
[301]   GET    9l     28w      313c http://192.168.1.4/external/  
[200]   GET    0l     0w       0c http://192.168.1.4/external/  
[200]   GET    47l    282w     1864c http://192.168.1.4/config/  
[301]   GET    9l     28w      324c http://192.168.1.4/external/  
[200]   GET    2922l   17217w   730335c http://192.168.1.4/docs/  
[200]   GET    0l     0w       0c http://192.168.1.4/config/  
  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/config/
```



## Filter by status code using allow list

To filter the results using status codes (allow list), we can use the **--status-codes** flag.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster -u http://192.168.1.4 -q --status-codes 200,301
```

```
└──(root㉿kali)-[~]  
# feroxbuster -u http://192.168.1.4 -q ←  
  
404      GET      9l      32w      -c Auto-filtering found 404-  
403      GET      11l     32w      -c Auto-filtering found 404-  
302      GET      0l      0w       0c http://192.168.1.4/ => lo  
301      GET      9l      28w      311c http://192.168.1.4/config  
200      GET      47l     282w     1864c http://192.168.1.4/config  
200      GET      47l     282w     1859c http://192.168.1.4/config  
200      GET      0l      0w       0c http://192.168.1.4/config  
301      GET      9l      28w      313c http://192.168.1.4/extern  
301      GET      9l      28w      324c http://192.168.1.4/extern  
200      GET      0l      0w       0c http://192.168.1.4/extern  
404      GET      9l      33w      287c http://192.168.1.4/Report  
404      GET      9l      33w      289c http://192.168.1.4/extern  
301      GET      9l      28w      309c http://192.168.1.4/docs =  
200      GET      1l      10w     105c http://192.168.1.4/docs/p  
404      GET      9l      33w      288c http://192.168.1.4/Style%  
404      GET      9l      33w      285c http://192.168.1.4/modern  
404      GET      9l      34w      290c http://192.168.1.4/neuf%2  
200      GET      2922l    17217w   730335c http://192.168.1.4/docs/D  
404      GET      9l      33w      285c http://192.168.1.4/My%20P  
404      GET      9l      33w      285c http://192.168.1.4/Contac  
404      GET      9l      33w      286c http://192.168.1.4/Donate  
404      GET      9l      33w      289c http://192.168.1.4/Press%  
404      GET      9l      33w      283c http://192.168.1.4/Site%2  
404      GET      9l      33w      289c http://192.168.1.4/Planne  
404      GET      9l      33w      284c http://192.168.1.4/Home%2  
404      GET      9l      33w      283c http://192.168.1.4/About%  
404      GET      9l      33w      287c http://192.168.1.4/Beques  
Scanning: http://192.168.1.4/  
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-1723  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/  
Scanning: http://192.168.1.4/docs/  
www.hackingarticles.in  
└──(root㉿kali)-[~]  
# feroxbuster -u http://192.168.1.4 -q --status-codes 200,301 ←  
  
301      GET      9l      28w      309c http://192.168.1.4/docs =  
301      GET      9l      28w      311c http://192.168.1.4/config  
200      GET      0l      0w       0c http://192.168.1.4/config  
200      GET      47l     282w     1864c http://192.168.1.4/config  
200      GET      1l      10w     105c http://192.168.1.4/docs/p  
200      GET      47l     282w     1859c http://192.168.1.4/config  
200      GET      2922l    17217w   730335c http://192.168.1.4/docs/D  
301      GET      9l      28w      313c http://192.168.1.4/extern  
301      GET      9l      28w      324c http://192.168.1.4/extern  
200      GET      0l      0w       0c http://192.168.1.4/extern  
Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/docs/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/phpids/  
Scanning: http://192.168.1.4/external/recaptcha/
```



## Generating random User-Agent

To use a random user agent for every request, we can use the **-A** flag. Here we have used the **--burp** flag simultaneously to show how the user agent looks in the requests.

```
feroxbuster -u http://192.168.1.4 -A --burp
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -A --burp ↵

[!] [!] [!] [!] [!] [!] [!] [!] [!]
by Ben "epi" Risher 😊
ver: 2.10.4

🎯 Target Url          http://192.168.1.4
⚡ Threads              50
📖 Wordlist            /usr/share/seclists/Discovery/Web-Cont
🔥 Status Codes         All Status Codes!
⌚ Timeout (secs)       7
🦾 User-Agent           Random
📝 Config File          /etc/feroxbuster/ferox-config.toml
💎 Proxy                http://127.0.0.1:8080
🌐 Extract Links        true
🏁 HTTP methods          [GET]
🛡️ Insecure             true
❓ Recursion Depth      4

🏁 Press [ENTER] to use the Scan Management Menu™

404      GET      9l      32w      -c Auto-filtering found 404
403      GET      11l     32w      -c Auto-filtering found 404
302      GET      0l      0w      0c http://192.168.1.4/ => 1
301      GET      9l      28w      311c http://192.168.1.4/config

Burp Suite Community Edition v2024.5.5 - Temporary Project
Burp  Project  Intruder  Repeater  View  Help
Dashboard  Target  Proxy  Intruder  Repeater  Collaborator  Sequencer  Decoder  Comparer  Logger  Organizer  Extensions
Intercept  HTTP history  WebSockets history  Proxy settings
Filter settings: Hiding CSS, image and general binary content

# ^ | Host | Method | URL | Params | Edited | Status code | Length | MIME type | Extension | Title
1 https://api.github.com | GET | /repos/epi052/feroxbuster/releases... | | | 200 | 26394 | JSON
2 http://192.168.1.4 | GET | / | | | 302 | 479 | HTML
3 http://192.168.1.4 | GET | /robots.txt | | | 200 | 309 | text | txt
4 http://192.168.1.4 | GET | / | | | 302 | 478 | HTML
5 http://192.168.1.4 | GET | /e193d804561a4fab9eaf95ead23a... | | | 404 | 587 | HTML
6 http://192.168.1.4 | GET | /htaccess13f862dfb84794816b... | | | 403 | 608 | HTML
7 http://192.168.1.4 | GET | /htaccessacebbd731121476fa1f4b5... | | | 403 | 544 | HTML
8 http://192.168.1.4 | GET | /admin3b55834e5bed47c6b437c0... | | | 404 | 529 | HTML
9 http://192.168.1.4 | GET | /admin07fd621ed874491988f38... | | | 404 | 592 | HTML
10 http://192.168.1.4 | GET | /images | | | 404 | 497 | HTML
11 http://192.168.1.4 | GET | /sites | | | 404 | 496 | HTML
12 http://192.168.1.4 | GET | /img | | | 404 | 494 | HTML

Request
Pretty Raw Hex
1 GET ./htaccessacebbd731121476fa1f4b57451a08dcb HTTP/1.1
2 User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/47.0.2526.111 Safari/537.36
3 Accept: /*
4 Host: 192.168.1.4
5 Connection: keep-alive
6
7
Response
Pretty Raw Hex Render
1 HTTP/1.1 403 Forbidden
2 Date: Sun, 11 Aug 2024 09:18:52 GMT
3 Server: Apache/2.4.25 (Debian)
4 Content-Length: 327
5 Keep-Alive: timeout=5, max=100
6 Connection: Keep-Alive
7 Content-Type: text/html; charset=iso-8859-1
8
9 <!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
10 <html>
11   <head>
12     <title>
```



## HTTP methods

To explicitly define the HTTP methods to be used, we can use the **-m** flag and then state the method to be used like POST. The default method is GET while running the Feroxbuster.

```
feroxbuster -u http://192.168.1.4 -m POST
```



## Custom headers

To explicitly define the request header to be used, we can use the **-H** flag and then state the header alongwith the value to be used like '**Content-Type: application/x-www-form-urlencoded**'. Here we have used the **--burp** flag simultaneously to show how the user agent looks in the requests.

```
feroxbuster -u http://192.168.1.4 -H 'Content-Type: application/x-www-form-urlencoded' --burp -q
```

The terminal output shows the results of the feroxbuster scan with custom headers:

```
root@kali:[~]
# feroxbuster -u http://192.168.1.4 -H 'Content-Type: application/x-www-form-urlencoded' --burp -q ↵

404      GET      9l      32w      -c Auto-filtering found 404-like response and created new filter; toggled.
403      GET      11l      32w      -c Auto-filtering found 404-like response and created new filter; toggled.
302      GET      0l      0w      0c http://192.168.1.4/ ⇒ login.php
301      GET      9l      28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/docs/
301      GET      9l      28w      311c http://192.168.1.4/config ⇒ http://192.168.1.4/config/
200      GET      47l      282w     1859c http://192.168.1.4/config/config.inc.php.bak
200      GET      0l      0w      0c http://192.168.1.4/config/config.inc.php
200      GET      47l      282w     1864c http://192.168.1.4/config/config.inc.php.dist
301      GET      9l      28w      313c http://192.168.1.4/external ⇒ http://192.168.1.4/external/
301      GET      9l      28w      324c http://192.168.1.4/external/phpids/0.6 ⇒ http://192.168.1.4/external/
200      GET      0l      0w      0c http://192.168.1.4/external/recaptcha/recaptchalib.php
```

Burp Suite Community Edition v2024.5.5 - Temporary Project

HTTP history

#	Host	Method	URL	Params	Edited	Status code	Length	MIME type	Extension	Title	Notes	TLS	IP	Cookies	Time	Listener
1...	http://192.168.1.4	GET	/formulaires			404	502	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/gravis			404	497	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/forum3			404	497	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/evaluation			404	501	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/hosts			404	496	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/formular			404	499	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/fav			404	494	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/gmmaps			404	496	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/extlib			404	497	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/finder			404	497	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	
1...	http://192.168.1.4	GET	/filestore			404	500	HTML		404 Not Found		192.168.1.4		05:36:4...	8080	

Request

```
Pretty Raw Hex
1 GET /formulaires HTTP/1.1
2 Accept: /*
3 User-Agent: feroxbuster/2.10.4
4 Content-Type: application/x-www-form-urlencoded
5 Host: 192.168.1.4
6 Connection: keep-alive
7
```

Response

```
Pretty Raw Hex Render
1 HTTP/1.1 404 Not Found
2 Date: Sun, 11 Aug 2024 09:36:47 GMT
3 Server: Apache/2.4.25 (Debian)
4 Content-Length: 286
5 Keep-Alive: timeout=5, max=40
6 Connection: Keep-Alive
7 Content-Type: text/html; charset=iso-8859-1
8
```

Inspector

Request attributes

Request headers

Response headers

## Cookies

To use a specific cookie value in all the requests, we can mention the cookies header alongwith the value. The flag which can be used here is **--cookies** or **-b**. Here we have used the **--burp** flag simultaneously to show how the cookie looks in the requests.

```
feroxbuster -u http://192.168.1.4 --cookies PHPSESSID=t54ij15l5d51i2tc7j1k1tu4p4 --burp -q
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 --cookies PHPSESSID=t54ij15l5d51i2tc7j1kltu4p4 --burp -q ←

404      GET      9l    32w      -c Auto-filtering found 404-like response and created new filter; to
403      GET      11l   32w      -c Auto-filtering found 404-like response and created new filter; to
302      GET      0l    0w       0c http://192.168.1.4/ ⇒ login.php
301      GET      9l    28w      309c http://192.168.1.4/docs ⇒ http://192.168.1.4/docs/
301      GET      9l    28w      311c http://192.168.1.4/config => http://192.168.1.4/config/
200      GET      1l    10w     105c http://192.168.1.4/docs/pdf.html
200      GET      0l    0w       0c http://192.168.1.4/config/config.inc.php
200      GET      47l   282w    1859c http://192.168.1.4/config/config_inc.php.html
Burp Suite Community Edition v2024.5.5 - Temporary Project
```

Burp Project Intruder Repeater View Help

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Learn Settings

Intercept HTTP history WebSockets history Proxy settings

Filter settings: Hiding CSS, image and general binary content

#	Host	Method	URL	Param	Edited	Status code	Len...	MIME type	Extens...	Title	Notes	TLS	IP	Cookies	Time	Listene...
2...	http://192.168.1.4	GET	/ron			404	494	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/sdx			404	494	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/searchedit			404	501	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/rechercher			404	501	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/scriptz			404	499	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/reserv			404	497	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/riders			404	497	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/seasonal			404	499	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/searchprofile			404	504	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/rsscache			404	499	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	
2...	http://192.168.1.4	GET	/schulung			404	499	HTML		404 Not Found		192.168.1.4		05:42:1...	8080	

Request Response Inspector

Pretty Raw Hex Request attributes

Pretty Raw Hex Request cookies

Pretty Raw Hex Request headers

Pretty Raw Hex Response headers

```
1 GET /rsscache HTTP/1.1
2 Accept: /*
3 User-Agent: feroxbuster/2.10.4
4 Cookie: PHPSESSID=t54ij15l5d51i2tc7j1kltu4p4
5 Host: 192.168.1.4
```

```
1 HTTP/1.1 404 Not Found
2 Date: Sun, 11 Aug 2024 09:42:11 GMT
3 Server: Apache/2.4.25 (Debian)
4 Content-Length: 283
5 Keep-Alive: timeout=5, max=62
6 Connection: Keep-Alive
```

## Adding slash

To add a slash (/) after every request, we can use the **-f** or **--add-slash** flag.

```
feroxbuster -u http://192.168.1.4 -f
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -f ←
```

██████████ R ██████████, www.hack4ticles.in  
by Ben "epi" Risher 🌐 ver: 2.10.4

Target Url	Threads	Wordlist	Status Codes	Timeout (secs)	User-Agent	Config File	Extract Links	HTTP methods	Add Slash	Recursion Depth
http://192.168.1.4	50	/usr/share/seclists/Discovery/Web-Content/raft-medium-director	All Status Codes!	7	feroxbuster/2.10.4	/etc/feroxbuster/ferox-config.toml	true	[GET]	true	4

Caught ctrl+c 🚫 saving scan state to ferox-http\_192\_168\_1\_4-1723369419.state ...

```
[>-----] - 4s      9281/10680031 67m    found:12      errors:0
[##>-----] - 4s      4421/30000   1044/s  http://192.168.1.4/ ⇒ Wildcard dir!
[#####-----] - 0s      30000/30000   66815/s http://192.168.1.4/docs/ ⇒ Directory
[#####-----] - 1s      30000/30000   29297/s http://192.168.1.4/config/ ⇒ Directory
[##>-----] - 4s      3074/30000    753/s   http://192.168.1.4/icons/ ⇒ Wildcard
[#####-----] - 0s      30000/30000   10000000/s http://192.168.1.4/external/ ⇒ D
[#####-----] - 0s      30000/30000   5000000/s http://192.168.1.4/external/recaptc
```



## Capturing requests in Burp

To capture a request in Burp Suite, we can use the `--burp` flag while running the scan.

```
feroxbuster -u http://192.168.1.4 --burp
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 --burp ←

by Ben "epi" Risher 😊 ver: 2.10.4

Target Url          http://192.168.1.4
Threads             50
Wordlist            /usr/share/seclists/Discovery/Web-Content/raft-med
Status Codes        All Status Codes!
Timeout (secs)      7
User-Agent          feroxbuster/2.10.4
Config File         /etc/feroxbuster/ferox-config.toml
Proxy               http://127.0.0.1:8080
Extract Links       true
HTTP methods        [GET]
Insecure            true
Recursion Depth    4

Press [ENTER] to use the Scan Management Menu™

[>-----] - 26s      62/30000  4h      found:0      errors:60
[>-----] - 26s      63/30000  2/s      http://192.168.1.4/
```

Burp Suite Community Edition v2024.5.5 - Temporary Project

Burp Project Intruder Repeater View Help

Dashboard Target **Proxy** Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer B

Intercept HTTP history WebSockets history Proxy settings

Request to http://192.168.1.4:80

Forward Drop **Intercept is on** Action Open browser

Pretty Raw Hex

```
1 GET
/admin7870e7a87e7d413bb01e168ab23008d76f1cc5f3b45f4c908f50b87cde79296041e17e203f9f45d38a94eb4c
71a68 HTTP/1.1
2 Accept: */*
3 User-Agent: feroxbuster/2.10.4
4 Host: 192.168.1.4
5 Connection: keep-alive
6
7
```

## Read target from list

To perform the scanning on the targets provided in the list, we can use the following command:



```
cat target.txt  
cat target.txt | feroxbuster --stdin -q
```

```
[root@kali㉿kali] ~
# cat target.txt
http://192.168.1.4
https://google.com
http://192.168.1.5

[root@kali㉿kali] ~
# cat target.txt | feroxbuster --stdin -q ←

Could not connect to http://192.168.1.5, skipping ...
⇒ error sending request for url (http://192.168.1.5/)

404      GET      9l      32w      -c Auto-filtering found 404-like re
403      GET      11l      32w      -c Auto-filtering found 404-like re
302      GET      0l      0w      0c http://192.168.1.4/ ⇒ login.php
301      GET      9l      28w      309c http://192.168.1.4/docs ⇒ http:
301      GET      9l      28w      311c http://192.168.1.4/config ⇒ htt
200      GET      1l      10w      105c http://192.168.1.4/docs/pdf.html
200      GET      47l      282w      1864c http://192.168.1.4/config/config
200      GET      0l      0w      0c http://192.168.1.4/config/config
301      GET      9l      28w      313c http://192.168.1.4/external ⇒ h
200      GET      0l      0w      0c http://192.168.1.4/external/reca
301      GET      9l      28w      324c http://192.168.1.4/external/phpi
301      GET      6l      14w      225c https://google.com/labs/ ⇒ http:
301      GET      6l      14w      231c https://google.com/nonprofits/ =
301      GET      6l      14w      235c https://google.com/commercesearc
301      GET      6l      14w      226c https://google.com/forms/ ⇒ htt
301      GET      6l      14w      268c https://google.com/about/careers
301      GET      6l      14w      257c https://google.com/about/careers
301      GET      6l      14w      227c https://google.com/scholar ⇒ ht
301      GET      6l      14w      258c https://google.com/about/careers
301      GET      6l      14w      233c https://google.com/trends/topics
301      GET      6l      14w      260c https://google.com/about/careers
301      GET      6l      14w      235c https://google.com/hotelfinder/r
301      GET      6l      14w      240c https://google.com/landing/cmsne
301      GET      6l      14w      249c https://google.com/help/maps/ind
301      GET      6l      14w      228c https://google.com/books/ ⇒ htt
301      GET      6l      14w      257c https://google.com/books/ ⇒ htt
```

## Resume from last state

If we wish to resume the scan from the last state, we can use the **--resume-from** flag and provide the **.state** file. There are times when we need to terminate the scan in between, so Feroxbuster will save the results in the file.

```
feroxbuster -u http://192.168.1.4 -q  
feroxbuster --resume-from ferox-http_192_168_1_4-1723370176.state -q
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -q ←

404      GET      9l      32w      -c Auto-filtering found 404-like response
403      GET      11l     32w      -c Auto-filtering found 404-like response
302      GET      0l      0w       0c http://192.168.1.4/ => login.php
301      GET      9l      28w      309c http://192.168.1.4/docs => http://192.1
301      GET      9l      28w      311c http://192.168.1.4/config => http://192.1
200      GET      1l      10w     105c http://192.168.1.4/docs/pdf.html
200      GET      47l     282w    1864c http://192.168.1.4/config/config.inc.ph
200      GET      47l     282w    1859c http://192.168.1.4/config/config.inc.ph
200      GET      0l      0w       0c http://192.168.1.4/config/config.inc.ph
301      GET      9l      28w      313c http://192.168.1.4/external => http://1
301      GET      9l      28w      324c http://192.168.1.4/external/phpids/0.6
200      GET      0l      0w       0c http://192.168.1.4/external/recaptcha/r
404      GET      9l      33w      287c http://192.168.1.4/Reports%20List
404      GET      9l      33w      289c http://192.168.1.4/external%20files
404      GET      9l      33w      288c http://192.168.1.4/Style%20Library
404      GET      9l      33w      285c http://192.168.1.4/modern%20mom
404      GET      9l      34w      290c http://192.168.1.4/neuf%20giga%20photo
Scanning: http://192.168.1.4/
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-1723370176.state .
```

Scanning: http://192.168.1.4/  
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/

```
(root㉿kali)-[~]
# feroxbuster --resume-from ferox-http_192_168_1_4-1723370176.state -q ←

302      GET      0l      0w       0c http://192.168.1.4/ => login.php
301      GET      9l      28w      309c http://192.168.1.4/docs => http://192.1
301      GET      9l      28w      311c http://192.168.1.4/config => http://192.1
200      GET      1l      10w     105c http://192.168.1.4/docs/pdf.html
200      GET      47l     282w    1864c http://192.168.1.4/config/config.inc.ph
200      GET      47l     282w    1859c http://192.168.1.4/config/config.inc.ph
200      GET      0l      0w       0c http://192.168.1.4/config/config.inc.ph
301      GET      9l      28w      313c http://192.168.1.4/external => http://1
301      GET      9l      28w      324c http://192.168.1.4/external/phpids/0.6
200      GET      0l      0w       0c http://192.168.1.4/external/recaptcha/r
404      GET      9l      33w      287c http://192.168.1.4/Reports%20List
404      GET      9l      33w      289c http://192.168.1.4/external%20files
404      GET      9l      33w      288c http://192.168.1.4/Style%20Library
404      GET      9l      33w      285c http://192.168.1.4/modern%20mom
404      GET      9l      34w      290c http://192.168.1.4/neuf%20giga%20photo
404      GET      9l      32w      -c Auto-filtering found 404-like response
403      GET      11l     32w      -c Auto-filtering found 404-like response
200      GET      2922l    17217w   730335c http://192.168.1.4/docs/DVWA_v1.3.pdf
404      GET      9l      33w      285c http://192.168.1.4/Contact%20Us
404      GET      9l      33w      286c http://192.168.1.4/Donate%20Cash
404      GET      9l      33w      284c http://192.168.1.4/Home%20Page
404      GET      9l      33w      289c http://192.168.1.4/Planned%20Giving
404      GET      9l      33w      283c http://192.168.1.4/Site%20Map
Scanning: http://192.168.1.4/config/
⚠ Caught ctrl+c ⚠ saving scan state to ferox-http_192_168_1_4-1723370197.state .
Scanning: http://192.168.1.4/config/  
Scanning: http://192.168.1.4/external/  
Scanning: http://192.168.1.4/external/recaptcha/  
Scanning: http://192.168.1.4/external/phpids/  
Scanning: http://192.168.1.4/docs/
```



## Follow redirect

While scanning if there are requests which result in the redirection, so we can control that by allowing the clients to follow the redirects using -r flag.

```
feroxbuster -u http://192.168.1.4 -r
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -r ↵

[ FERROX ](https://www.hackarticles.in) ver: 2.10.4
by Ben "epi" Risher 😊

Target Url          http://192.168.1.4
Threads             50
Wordlist            /usr/share/seclists/Discovery/Web-Content/raft-medium-direc
Status Codes        All Status Codes!
Timeout (secs)      7
User-Agent          feroxbuster/2.10.4
Config File         /etc/feroxbuster/ferox-config.toml
Extract Links       true
HTTP methods        [GET]
Follow Redirects    true
Recursion Depth    4

Press [ENTER] to use the Scan Management Menu™

403     GET    11l    32w    -c Auto-filtering found 404-like response and cr
404     GET    9l     32w    -c Auto-filtering found 404-like response and cr
200     GET    59l    101w   842c http://192.168.1.4/dvwa/css/login.css
200     GET    1l     10w    105c http://192.168.1.4/docs/pdf.html
200     GET    18l    95w    8064c http://192.168.1.4/dvwa/images/RandomStorm.pn
200     GET    0l     0w     0c http://192.168.1.4/config/config.inc.php
200     GET    47l    282w   1859c http://192.168.1.4/config/config.inc.php.bak
200     GET    47l    282w   1864c http://192.168.1.4/config/config.inc.php.dist
200     GET    0l     0w     0c http://192.168.1.4/external/recaptcha/recaptc
200     GET    165l   1234w  7639c http://192.168.1.4/external/phpids/0.6/LICENS
200     GET    18l    24w    380c http://192.168.1.4/external/phpids/0.6/build.
404     GET    9l     33w    287c http://192.168.1.4/Reports%20List
404     GET    9l     33w    289c http://192.168.1.4/external%20files
404     GET    9l     33w    288c http://192.168.1.4/Style%20Library
200     GET    25l    36w    304c http://192.168.1.4/dvwa/css/help.css
200     GET    20l    29w    240c http://192.168.1.4/dvwa/css/source.css
200     GET    266l   486w   4026c http://192.168.1.4/dvwa/css/main.css
200     GET    39l    244w   16182c http://192.168.1.4/dvwa/images/login_logo.png
200     GET    77l    129w   1523c http://192.168.1.4/login.php
200     GET    24l    62w    593c http://192.168.1.4/dvwa/js/add_event_listener
200     GET    39l    99w    1030c http://192.168.1.4/dvwa/js/dvwaPage.js
404     GET    9l     33w    285c http://192.168.1.4/modern%20mom
404     GET    9l     34w    290c http://192.168.1.4/neuf%20giga%20photo
```

## Timeout

To setup a timeout limit, we can use the -T flag. This determines the amount of time the Feroxbuster will wait for the server response before terminating the scan. By default, this value is set to 7 seconds, however we can modify it by using the flag.

```
feroxbuster -u http://192.168.1.4
```



```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 ←

|---|---|---)|---)| /`|---|---|---\|---|
|---|---|---\|---|\---|---|---\|---|
by Ben "epi" Risher 😊 ver: 2.10.4

● Target Url          http://192.168.1.4
● Threads             50
● Wordlist            /usr/share/seclists/Discovery
● Status Codes        All Status Codes!
● Timeout (secs)      7
● User-Agent          feroxbuster/2.10.4
● Config File         /etc/feroxbuster/ferox-config
● Extract Links       true
● HTTP methods        [GET]
● Recursion Depth     4
```

The above image shows the default timeout limit used and now we are going to modify it to 5 seconds.

```
feroxbuster -u http://192.168.1.4 -T 5
```

```
(root㉿kali)-[~]
# feroxbuster -u http://192.168.1.4 -T 5 ←

|---|---|---)|---)| /`|---|---|---\|---|
|---|---|---\|---|\---|---|---\|---|
by Ben "epi" Risher 😊 ver: 2.10.4

● Target Url          http://192.168.1.4
● Threads             50
● Wordlist            /usr/share/seclists/Discovery
● Status Codes        All Status Codes!
● Timeout (secs)      5
● User-Agent          feroxbuster/2.10.4
● Config File         /etc/feroxbuster/ferox-config
● Extract Links       true
● HTTP methods        [GET]
● Recursion Depth     4
```



## Comparasion between Feroxbuster and other tools

- **Feroxbuster** stands out for its comprehensive set of features, including extensive response filtering, Burp Suite integration, and customization options. It provides a balance between advanced functionality and user control, making it a powerful choice for detailed and nuanced directory and file brute-forcing.
- **DirBuster** is user-friendly with its GUI but may not be as fast or flexible as command-line tools like Feroxbuster.
- **Gobuster** offer speed and efficiency but with fewer advanced features and less flexibility compared to Feroxbuster.
- **ffuf** provides high performance and extensive filtering but can be complex to configure and use.

## Conclusion

In conclusion, we can say that **Feroxbuster** is an excellent choice for those requiring precise control over their scanning processes, advanced filtering capabilities, and the ability to integrate with other tools.

# JOIN OUR TRAINING PROGRAMS

**CLICK HERE**

## BEGINNER

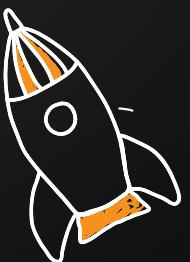
Ethical Hacking

Bug Bounty

Network Security Essentials

Network Pentest

Wireless Pentest



## ADVANCED

Burp Suite Pro

Web Services-API

Pro Infrastructure VAPT

Computer Forensics

Android Pentest

Advanced Metasploit

CTF



## EXPERT

Red Team Operation

Privilege Escalation

- APT's - MITRE Attack Tactics
- Active Directory Attack
- MSSQL Security Assessment

Windows

Linux

