iGNITE Technologies

# A Detailed Guide on Feroxbuster

# Contents

# 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

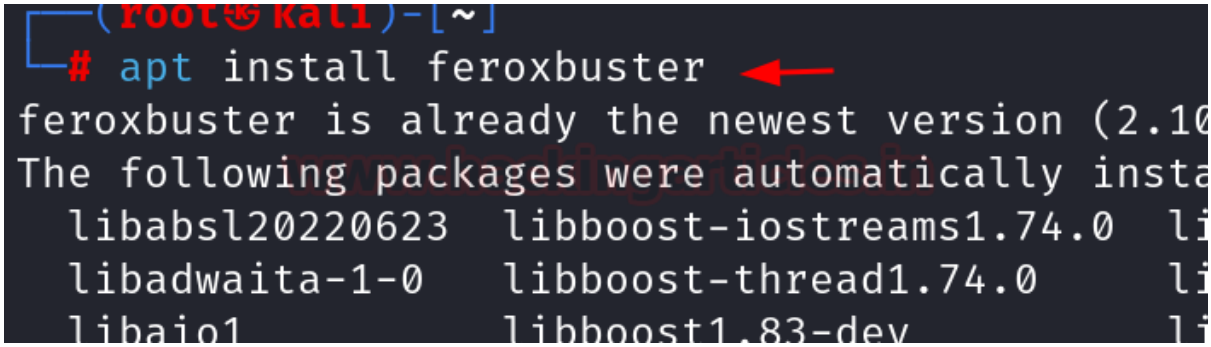
Attacker Machine: 192.168.1.31 (Kali Linux)

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:

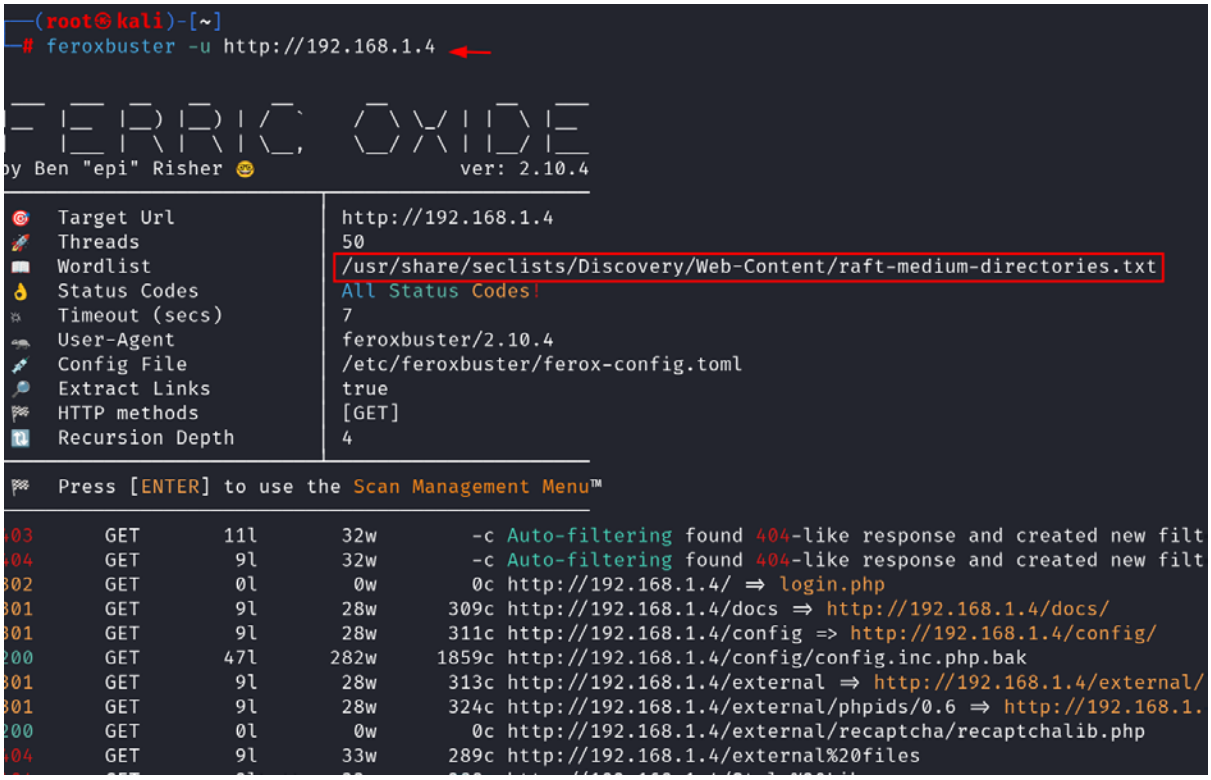
```
apt install feroxbuster
```




# 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 the command:

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




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
```


## 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

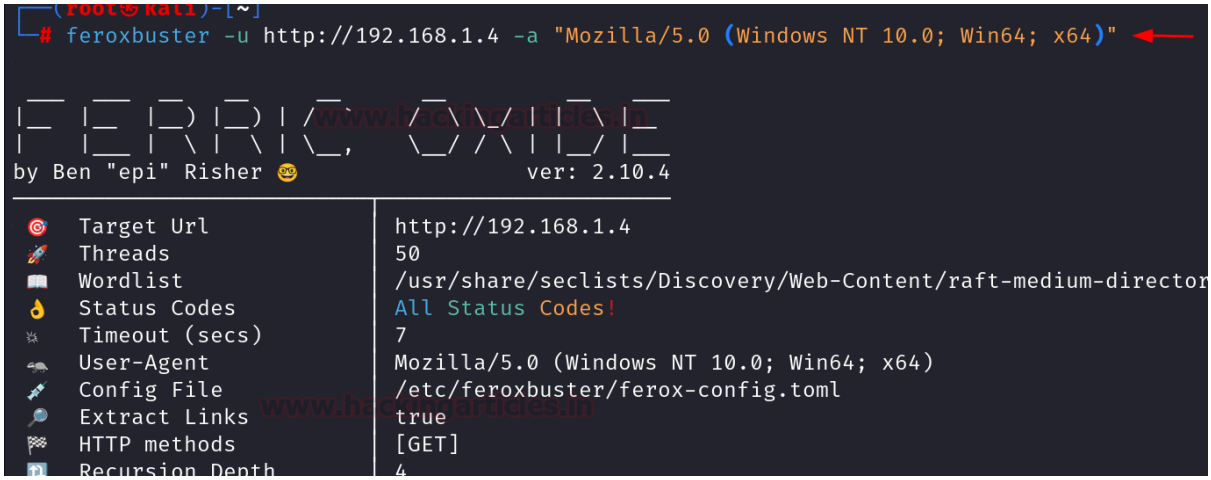
If we want to log the output, we use the **--output** flag and then mentioning the file name.

```
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)"
```



## 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.

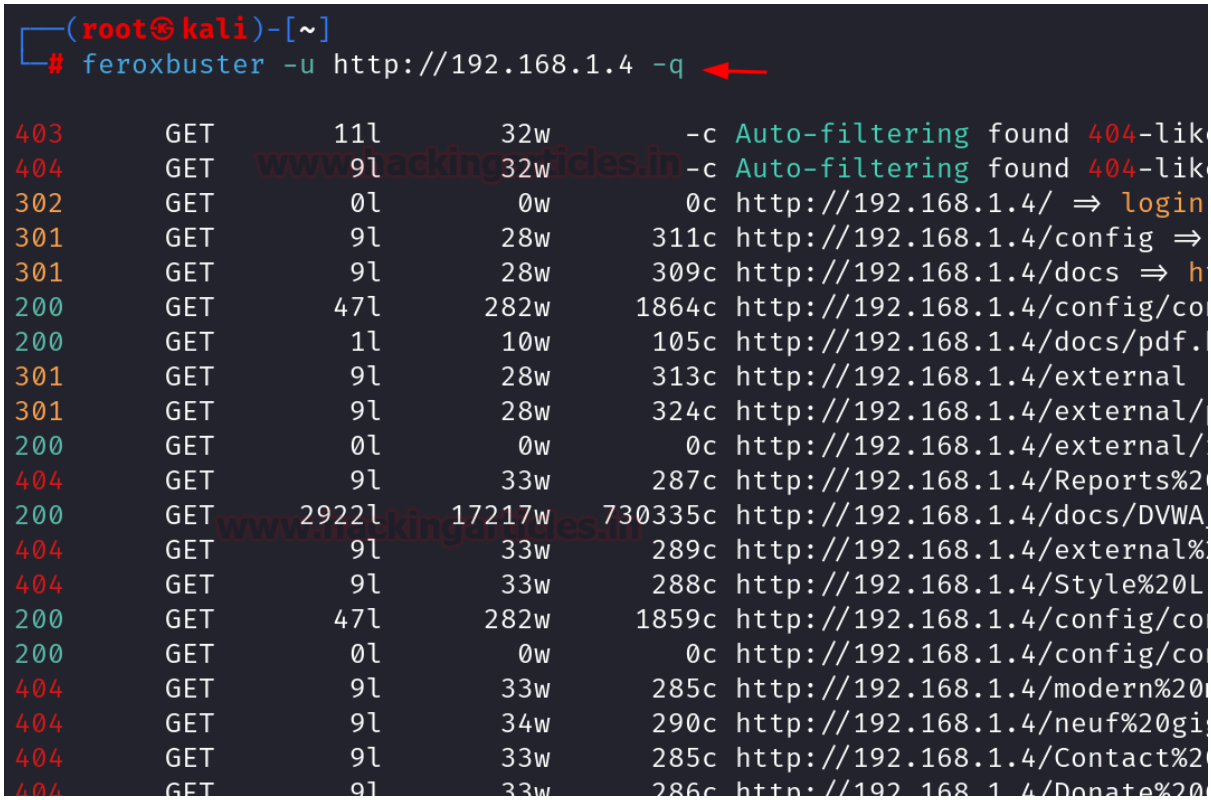
```
feroxbuster -u http://192.168.1.4 -C 403,404
```

```
┌──(root㉿kali)-[~]
└─# feroxbuster -u http://192.168.1.4 -C 403,404

 ___  ___  __   __     __      __         __   ___
|__  |__  |__) |__) | /  `    /  \ \_/ | |  \ |__
|    |___ |  \ |  \ | \__,    \__/ / \ | |__/ |___
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-
 💢 Status Code Filters   │ [403, 404]
 💥 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™
──────────────────────────────────────────────────
404      GET        9l       32w        -c Auto-filtering found 404-like res
403      GET       11l       32w        -c Auto-filtering found 404-like res
301      GET        9l       28w      309c http://192.168.1.4/docs ⇒ http:/
301      GET        9l       28w      311c http://192.168.1.4/config => http
200      GET       47l      282w     1864c http://192.168.1.4/config/config.
200      GET        1l       10w      105c http://192.168.1.4/docs/pdf.html
200      GET       47l      282w     1859c http://192.168.1.4/config/config.
200      GET        0l        0w        0c http://192.168.1.4/config/config.
302      GET        0l        0w        0c http://192.168.1.4/ ⇒ login.php
301      GET        9l       28w      313c http://192.168.1.4/external ⇒ ht
301      GET        9l       28w      324c http://192.168.1.4/external/phpid
200      GET        0l        0w        0c http://192.168.1.4/external/recap
200      GET     2922l    17217w   730335c http://192.168.1.4/docs/DVWA_v1.3
[####################] - 6s     30014/30014   0s      found:11      errors:0
[####################] - 6s     30000/30000   5077/s  http://192.168.1.4/
[####################] - 0s     30000/30000   93458/s http://192.168.1.4/doc
[####################] - 0s     30000/30000   3000000/s http://192.168.1.4/c
[####################] - 0s     30000/30000   3750000/s http://192.168.1.4/e
[####################] - 0s     30000/30000   5000000/s http://192.168.1.4/e
[####################] - 1s     30000/30000   48309/s http://192.168.1.4/ext
```

## 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.

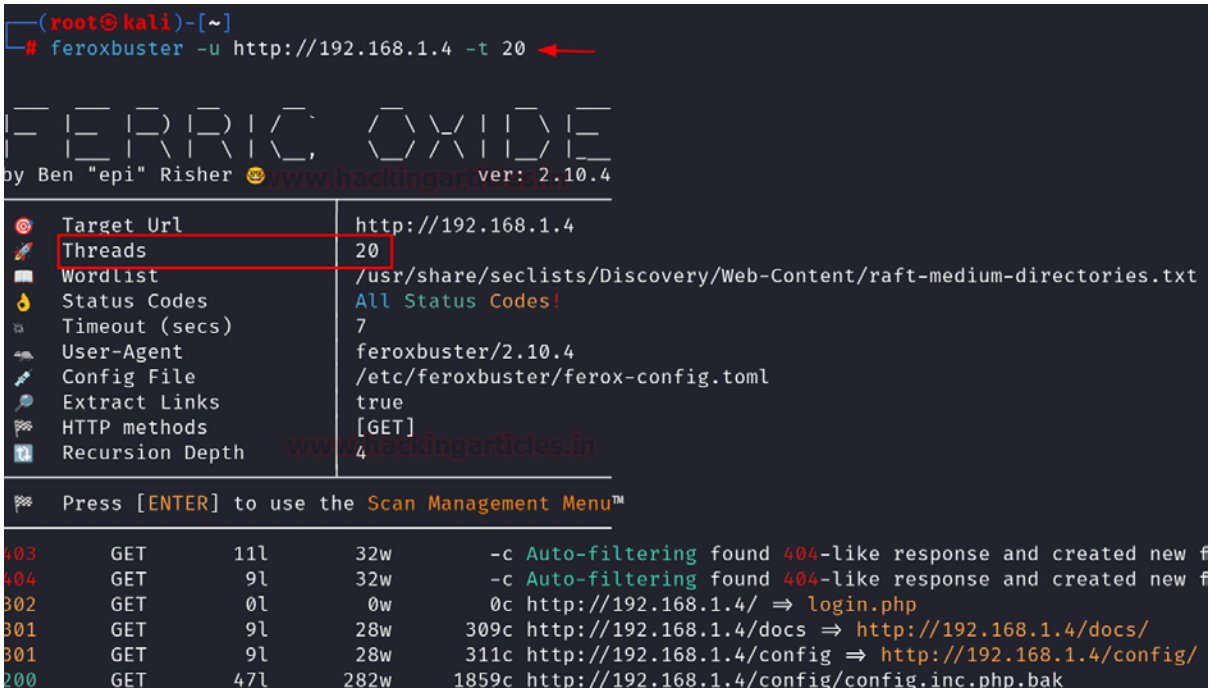
```
feroxbuster -u http://192.168.1.4 -q
```




## 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

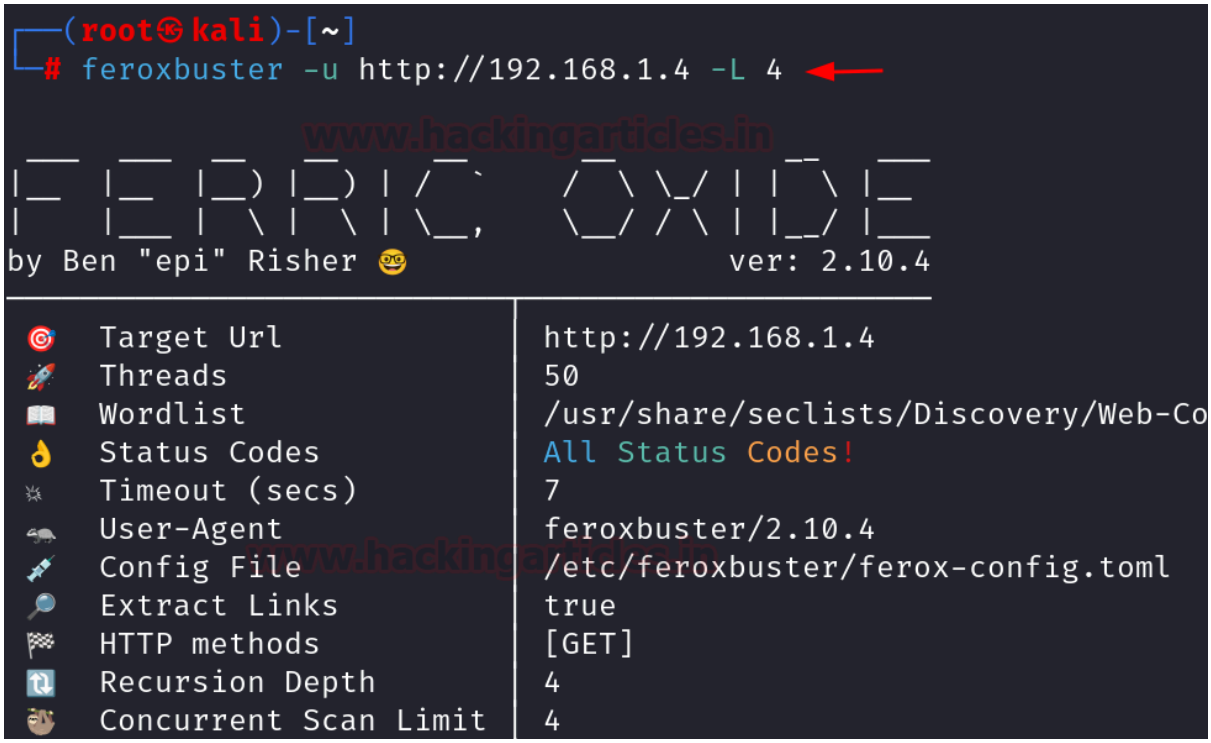
To allow the scanning of only top level directories, we can set the **-n** or **--no-recursion** flag to disable the recursive scanning.

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


## Limit recursion depth

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

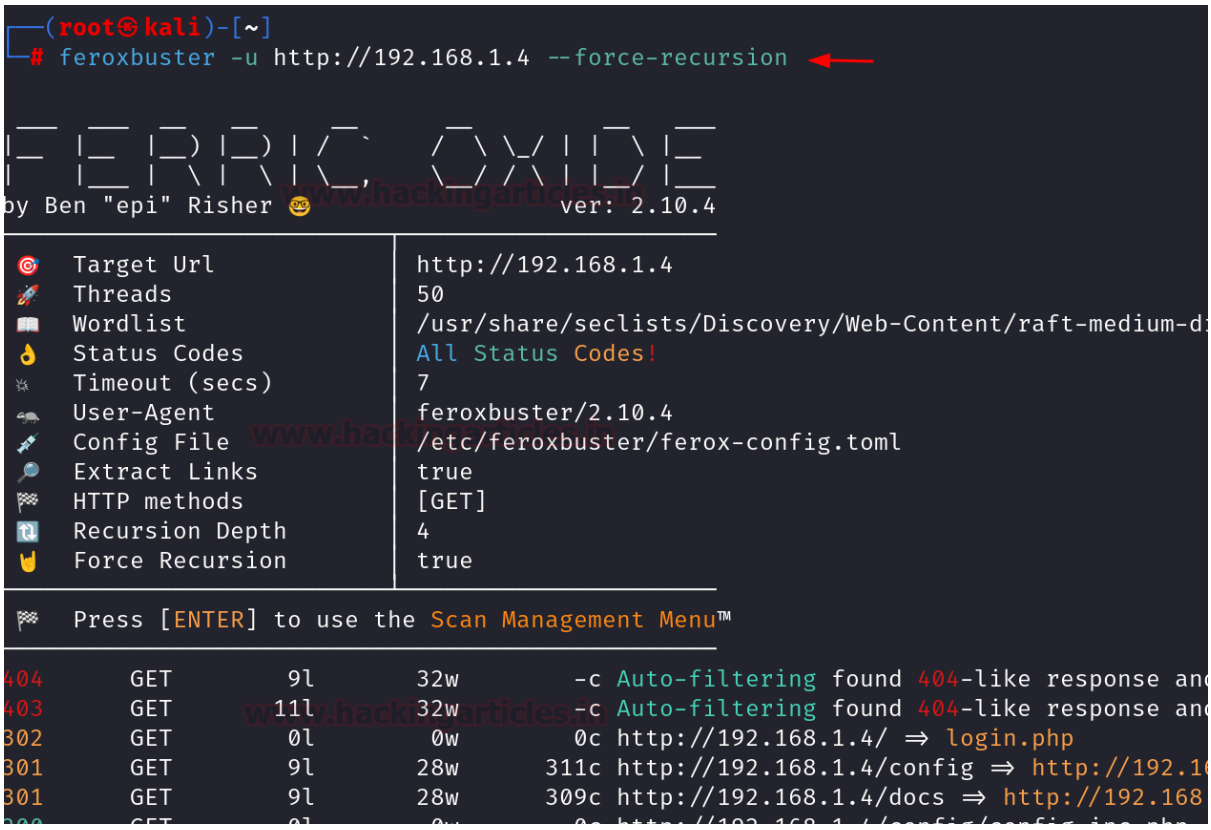
```
feroxbuster -u http://192.168.1.4 -L 4
```




## 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
```



## 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.

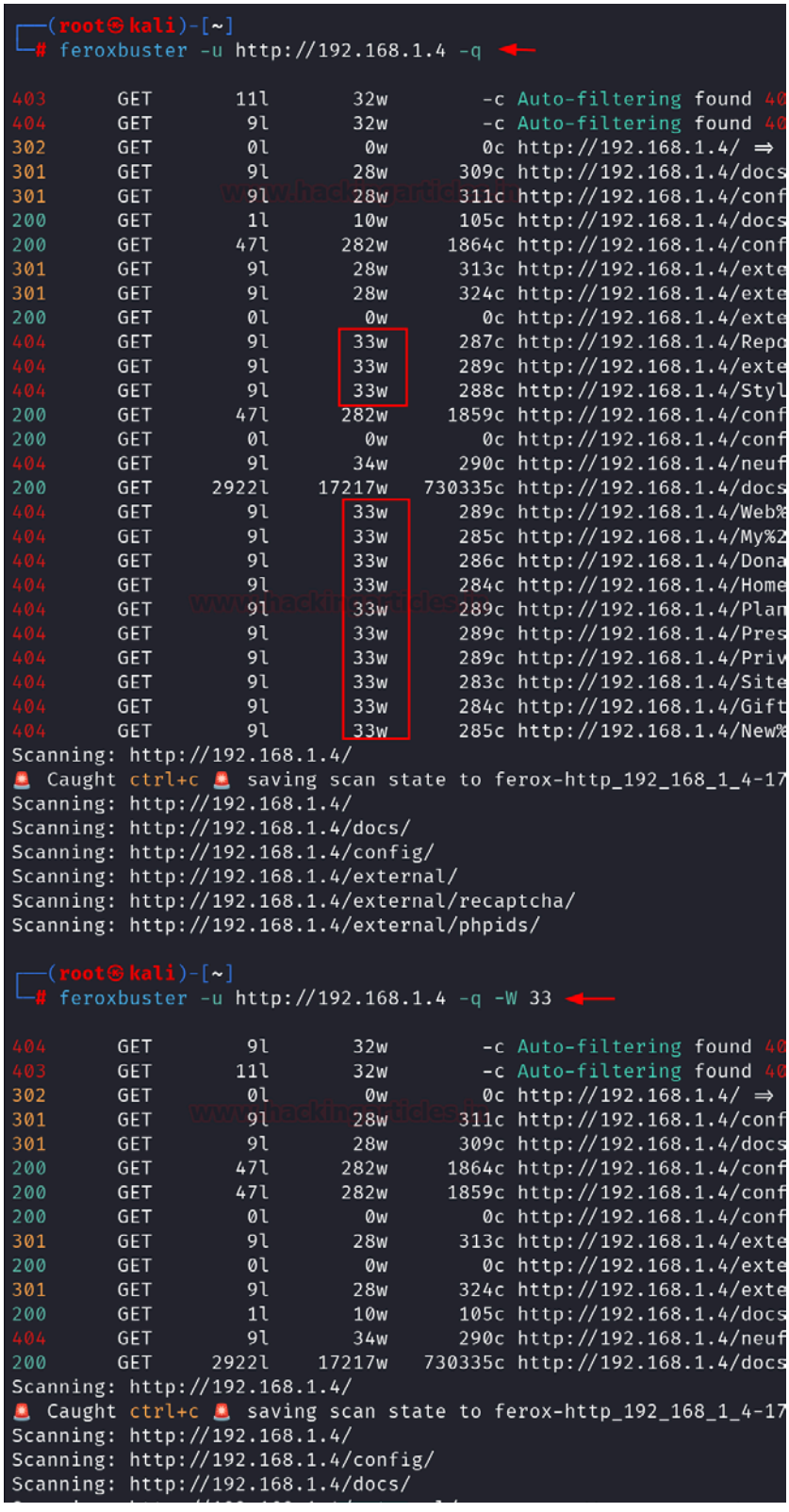
```
feroxbuster -u http://192.168.1.4 -q
feroxbuster -u http://192.168.1.4 -q -S 285,286,283,289
```

```
┌──(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://192.16
200      GET       47l      282w     1859c http://192.168.1.4/config/config.inc.php.b
200      GET       47l      282w     1864c http://192.168.1.4/config/config.inc.php.d
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.
200      GET        0l        0w        0c http://192.168.1.4/external/recaptcha/reca
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.
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.
301      GET        9l       28w      311c http://192.168.1.4/config ⇒ http://192.16
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.d
200      GET       47l      282w     1859c http://192.168.1.4/config/config.inc.php.b
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.
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/reca
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
```



# Filter by number of lines

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

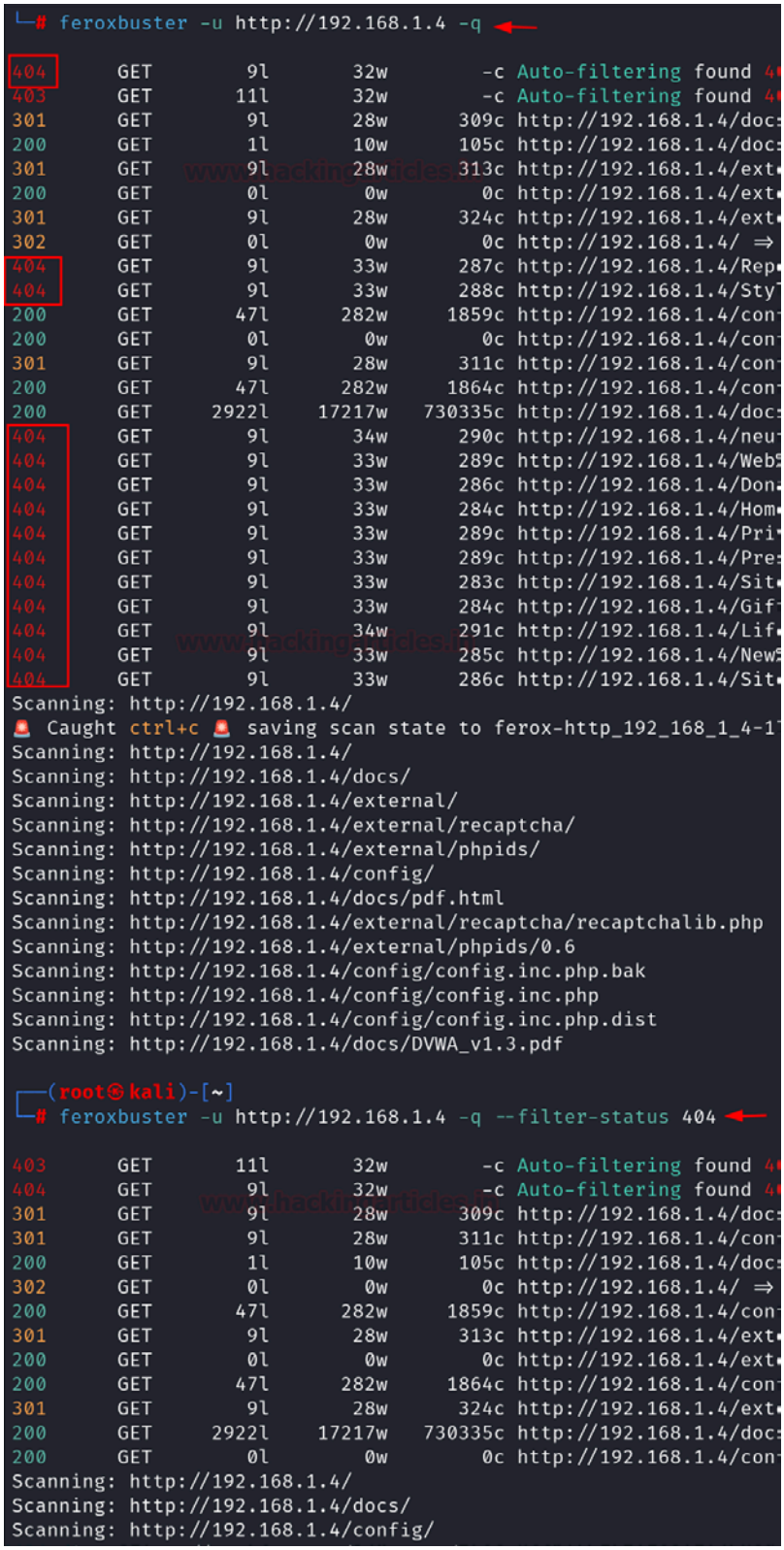
```
feroxbuster -u http://192.168.1.4 -q
feroxbuster -u http://192.168.1.4 -q -N 9
```

```
┌──(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.

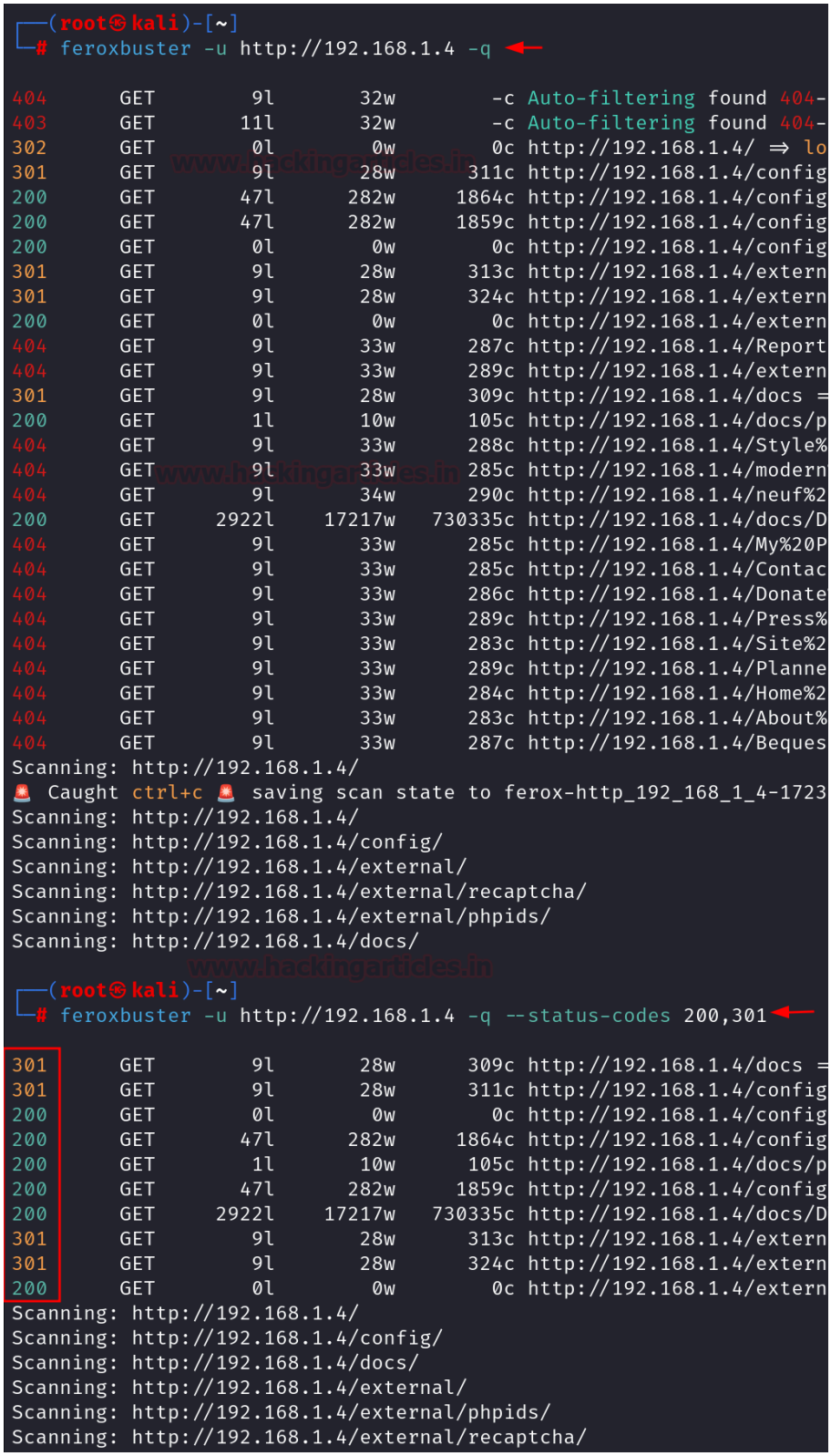
```
feroxbuster -u http://192.168.1.4 -q
feroxbuster -u http://192.168.1.4 -q --filter-status 404
```



# Filter by status code using allow list

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

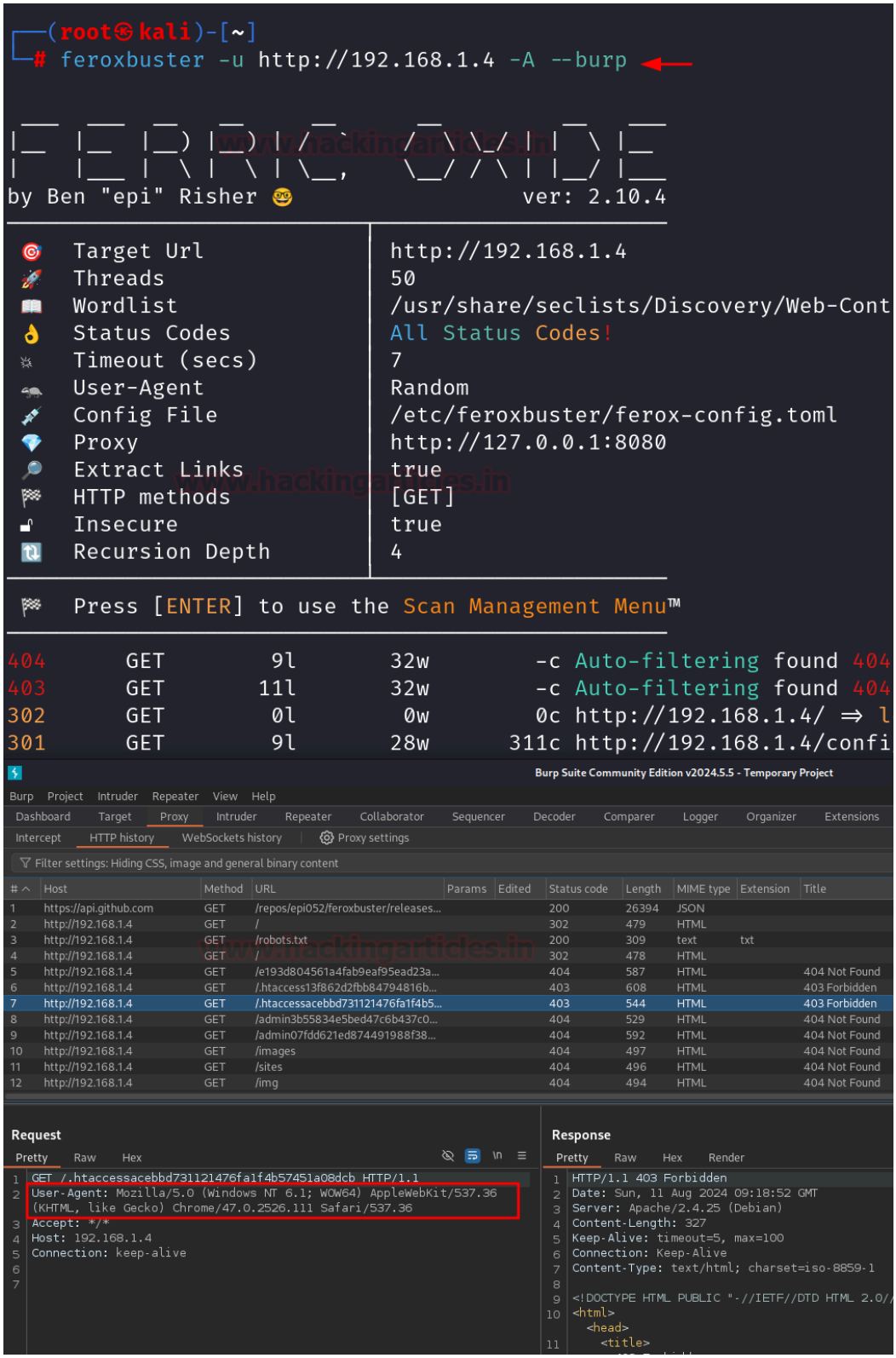
```
feroxbuster -u http://192.168.1.4 -q
feroxbuster -u http://192.168.1.4 -q --status-codes 200,301
```



# 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.

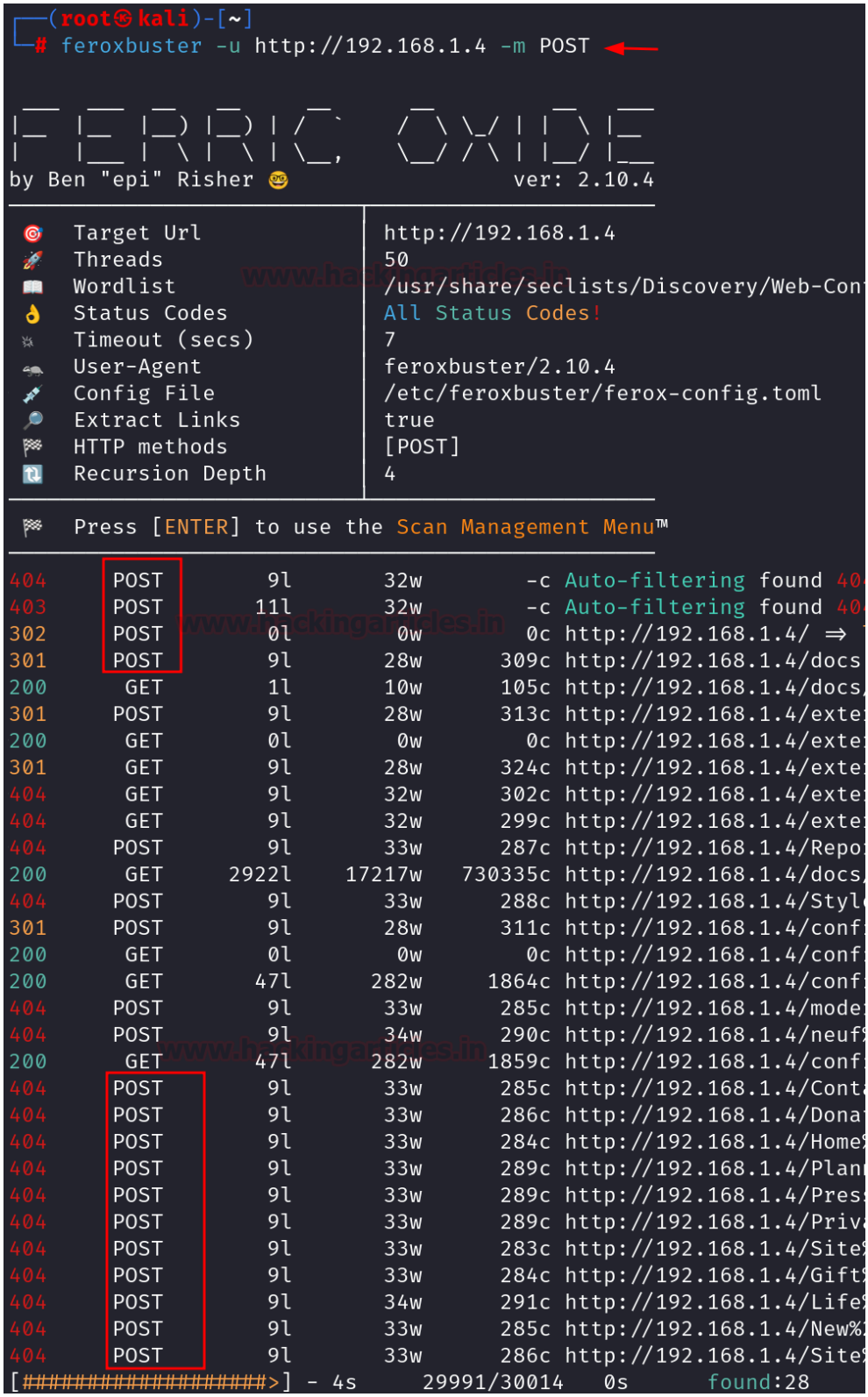
```
feroxbuster -u http://192.168.1.4 -A --burp
```



# 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.

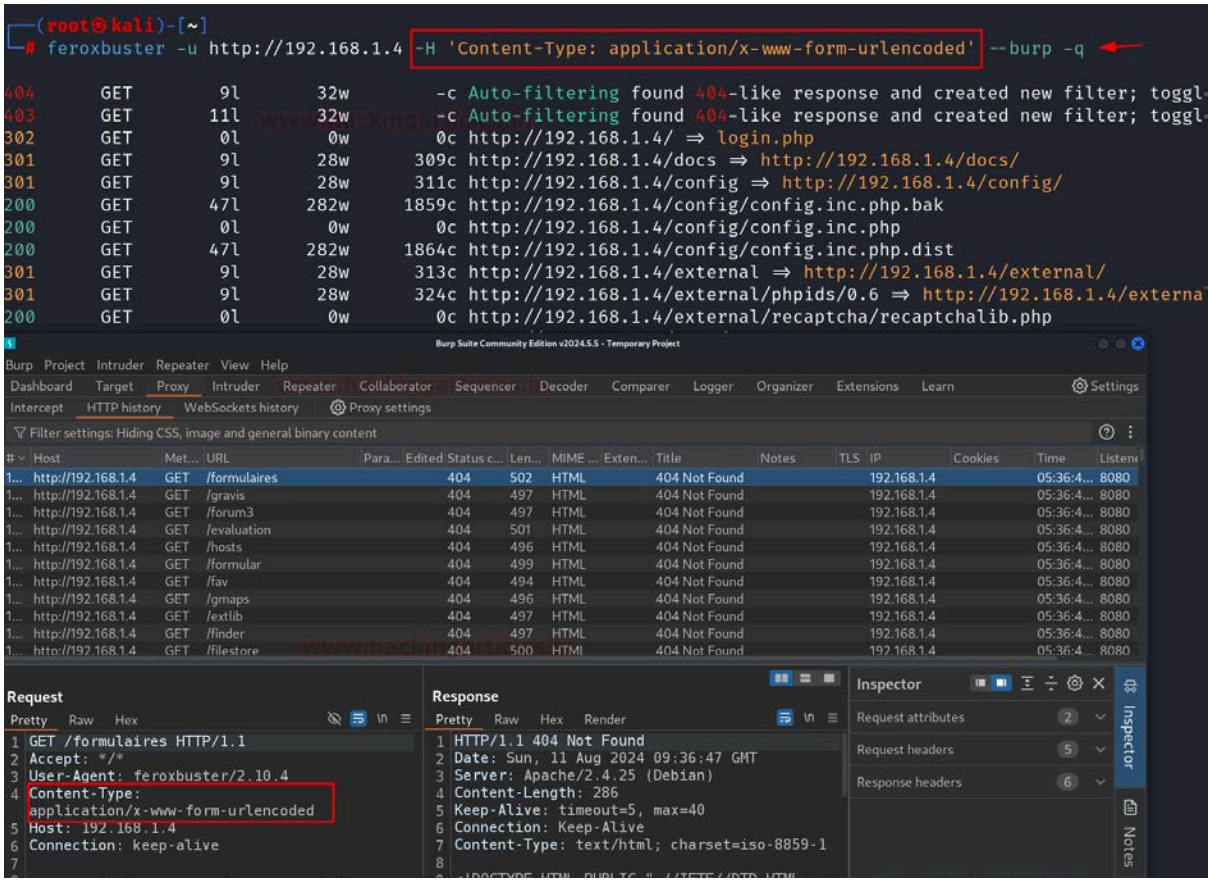
```
feroxbuster -u http://192.168.1.4 -m POST
```



# 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.

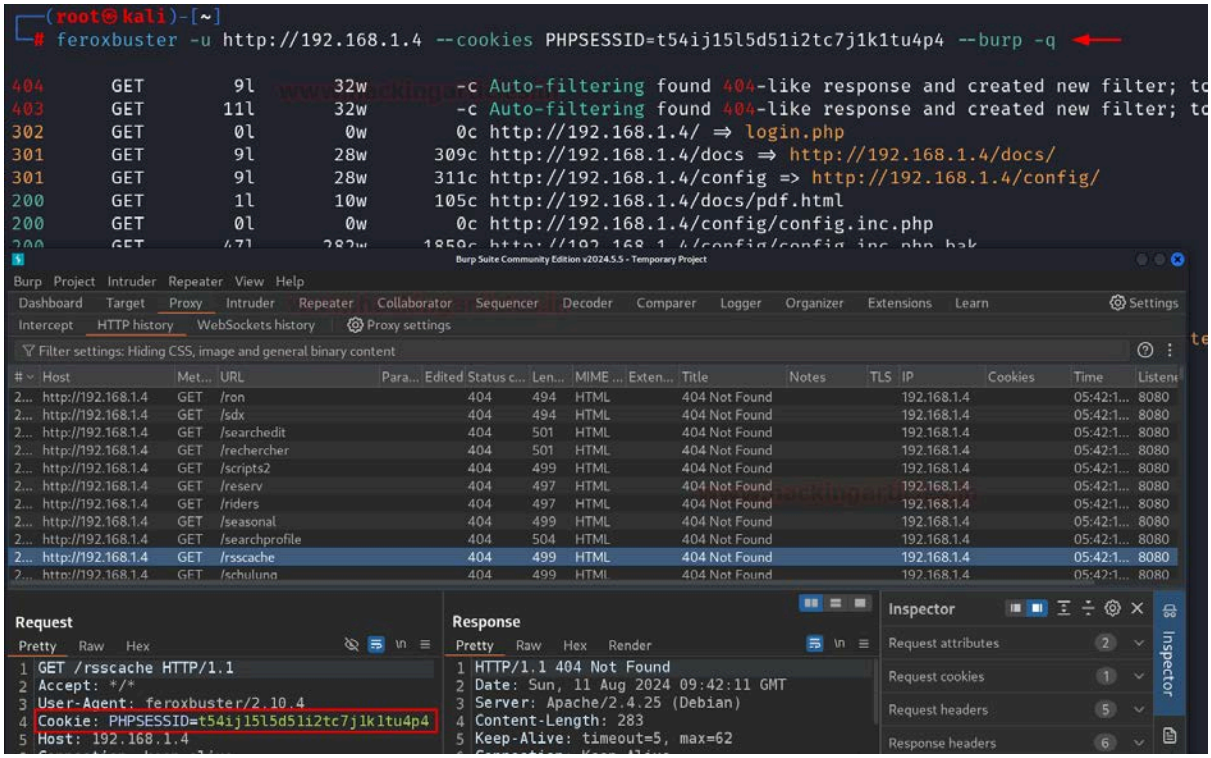
```
feroxbuster -u http://192.168.1.4 -H 'Content-Type: application/x-www-form-urlencoded' --burp -q
```




# 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.

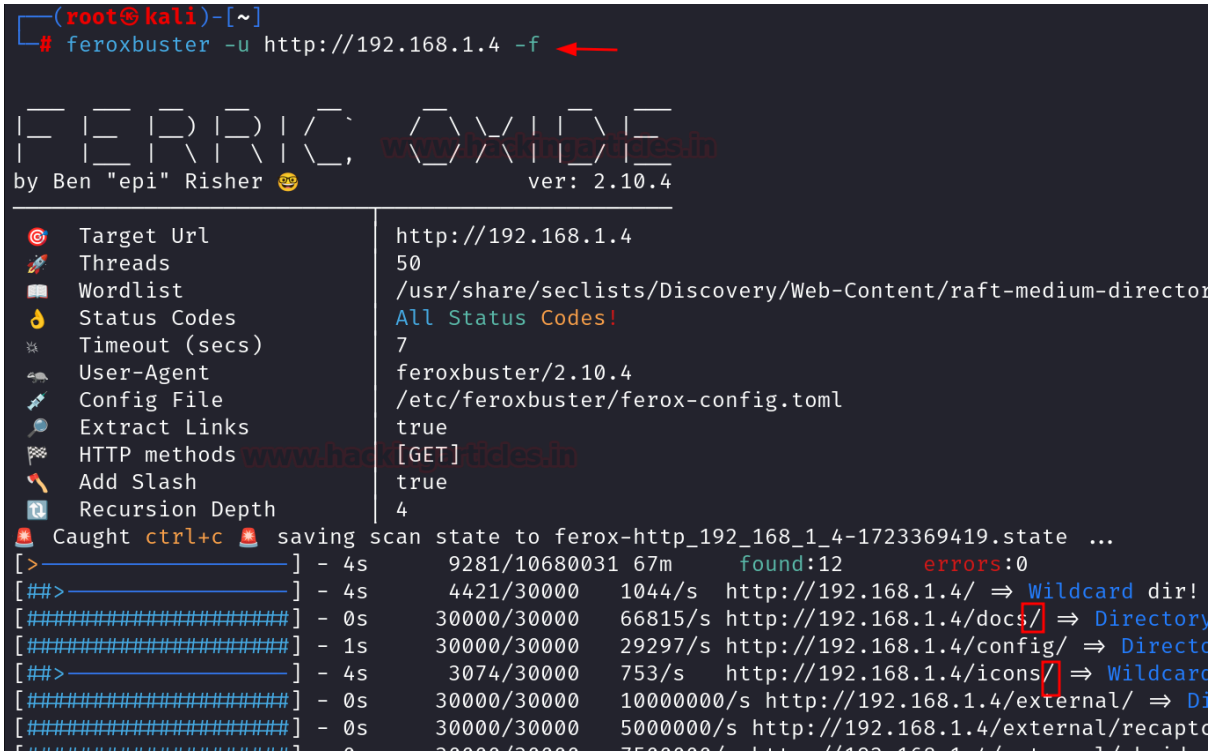
```
feroxbuster -u http://192.168.1.4 --cookies PHPSESSID=t54ij15l5d51i2tc7j1k1tu4p4 --burp -q
```




## Adding slash

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

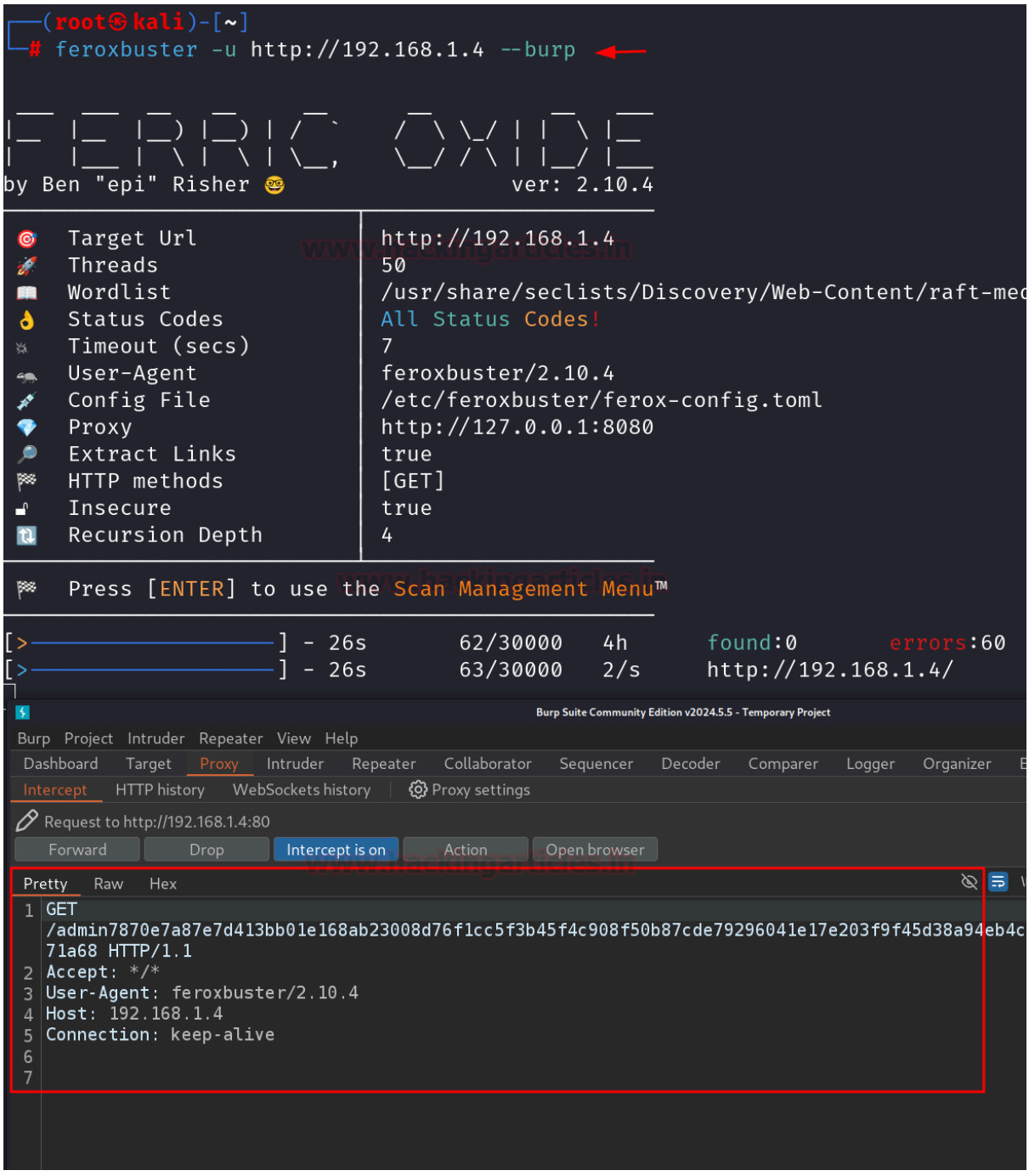
```
feroxbuster -u http://192.168.1.4 -f
```



## Capturing requests in Burp

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

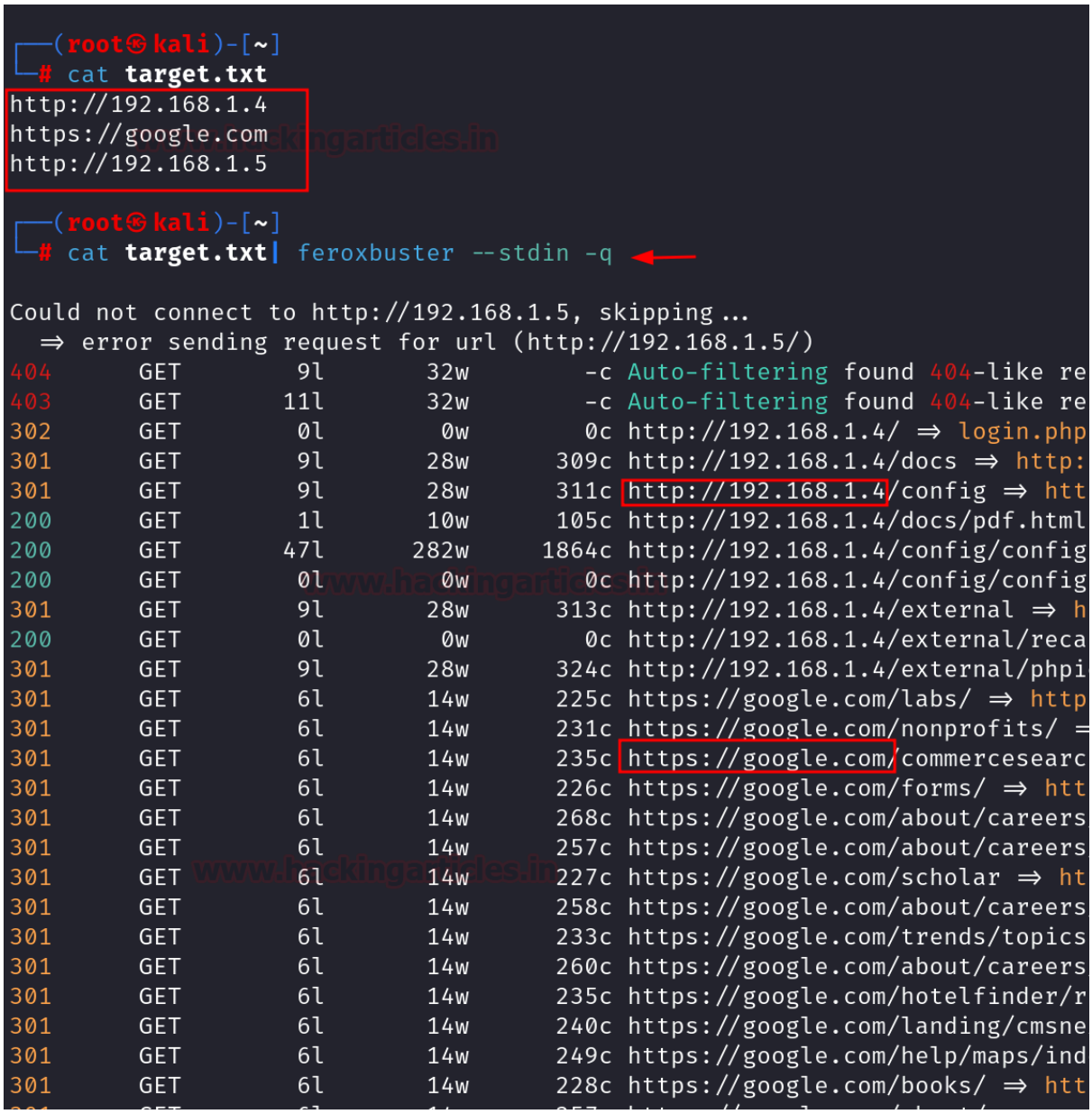
```
feroxbuster -u http://192.168.1.4 –burp
```




## 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
```




## 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
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
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

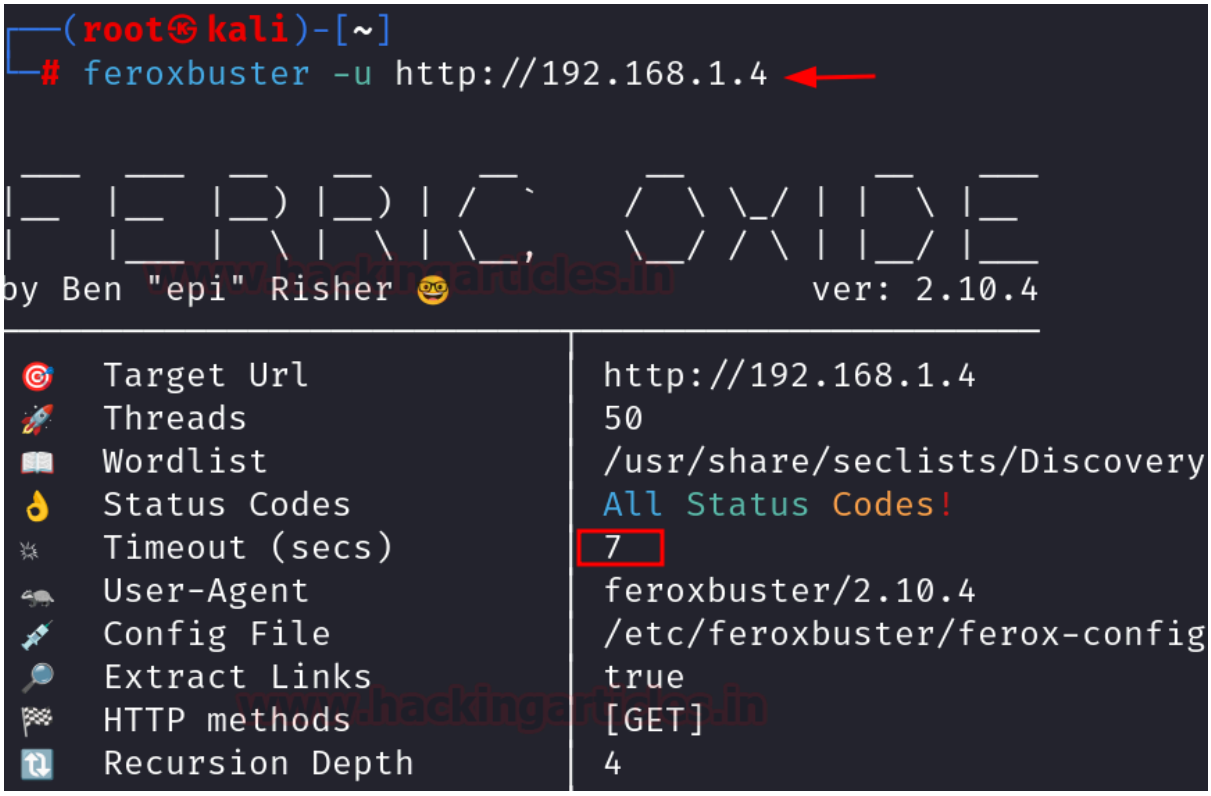
While scanning if there are requests which result in the redirection, so we can control that by allowing the clients to follow the redirects using -r flag.

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


## Timeout

To setup a timeout limit, we can use the -T flag. This determines the amount of time the Feroxbuster wil 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
```




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
```

## 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.

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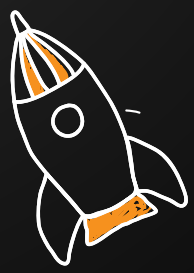
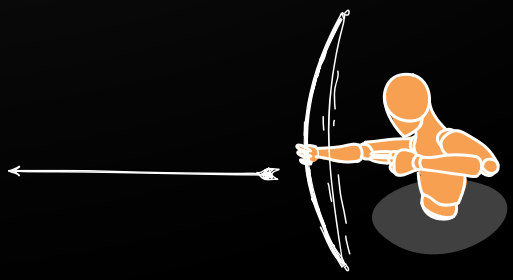
- Network Pentest
- Bug Bounty
- Wireless Pentest
- Network Security Essentials



## ADVANCED

- Burp Suite Pro
- Android Pentest
- Web Services-API
- Advanced Metasploit
- Pro Infrastructure VAPT
- CTF
- Computer Forensics

## EXPERT



- Red Team Operation
  - APT's - MITRE Attack Tactics
  - Active Directory Attack
  - MSSQL Security Assessment
- Privilege Escalation
  - Windows
  - Linux