

wfuzz
wfuzz.bat
wfuzz_bash_completion
wxfuzz
wxfuzz

Fuzzing Cookies

To send your own cookies to the server, for example, to associate a request to HTTP sessions, you can use the -b parameter (repeat for various cookies):

```
$ wfuzz -z file,wordlist/general/common.txt -b cookie=value1 -b cookie2=value2
```

The command above will generate HTTP requests such as the one below:

```
GET /attach HTTP/1.1
Host: testphp.vulnweb.com
Accept: */*
Content-Type: application/x-www-form-urlencoded
Cookie: cookie=value1; cookie2=value2
User-Agent: Wfuzz/2.2
Connection: close
```

Cookies can also be fuzzed:

```
$ wfuzz -z file,wordlist/general/common.txt -b cookie=FUZZ http://testphp.vulr
```

Fuzzing Custom headers

If you'd like to add HTTP headers to a request, simply use the -H parameter (repeat for various headers):

```
$ wfuzz -z file,wordlist/general/common.txt -H "myheader: headervalue" -H "myh
```

The command above will generate HTTP requests such as the one below:

```
GET /agent HTTP/1.1
Host: testphp.vulnweb.com
Accept: */*
Myheader2: headervalue2
Myheader: headervalue
Content-Type: application/x-www-form-urlencoded
User-Agent: Wfuzz/2.2
Connection: close
```

You can modify existing headers, for example, for specifying a custom user agent, execute the following:

```
$ wfuzz -z file,wordlist/general/common.txt -H "myheader: headervalue" -H "Use
```

The command above will generate HTTP requests such as the one below:

```
GET /asp HTTP/1.1
Host: testphp.vulnweb.com
```

```
Accept: */*
```

Myheader: headervalue

Content-Type: application/x-www-form-urlencoded

User-Agent: Googlebot-News

Connection: close

Headers can also be fuzzed:

```
$ wfuzz -z file,wordlist/general/common.txt -H "User-Agent: FUZZ" http://testr
```

Fuzzing HTTP Verbs

HTTP verbs fuzzing can be specified using the -X switch:

```
$ wfuzz -z list,GET-HEAD-POST-TRACE-OPTIONS -X FUZZ http://testphp.vulnweb.com
*****************
 * Wfuzz 2.2 - The Web Fuzzer
Target: http://testphp.vulnweb.com/
Total requests: 5
ID Response Lines Word Chars
                                                                               Request
______

      00002:
      C=200
      0 L
      0 W
      0 Ch

      00004:
      C=405
      7 L
      12 W
      172 Ch

      00005:
      C=405
      7 L
      12 W
      172 Ch

      00001:
      C=200
      104 L
      296 W
      4096 Ch

      00003:
      C=200
      104 L
      296 W
      4096 Ch

                                                                          "TRACE"
"OPTIONS"
"GET"
                                                                             "HEAD"
                                                                             "POST"
Total time: 1.030354
Processed Requests: 5
Filtered Requests: 0
Requests/sec.: 4.852696
```

If you want to perform the requests using a specific verb you can also use "-X HEAD".

Proxies

If you need to use a proxy, simply use the -p parameter:

```
$ wfuzz -z file,wordlist/general/common.txt -p localhost:8080 http://testphp.v
```

In addition to basic HTTP proxies, Wfuzz also supports proxies using the SOCKS4 and SOCKS5 protocol:

```
$ wfuzz -z file,wordlist/general/common.txt -p localhost:2222:SOCKS5 http://te
```

Multiple proxies can be used simultaneously by supplying various -p parameters:

```
$ wfuzz -z file,wordlist/general/common.txt -p localhost:8080 -p localhost:909
```

Each request will be performed using a different proxy each time.

Authentication

Wfuzz can set an authentication headers by using the --basic/ntlm/digest command line switches.

For example, a protected resource using Basic authentication can be fuzzed using the following command:

```
$ wfuzz -z list,nonvalid-httpwatch --basic FUZZ:FUZZ https://www.httpwatch.com
*****************
* Wfuzz 2.2 - The Web Fuzzer
********************
Target: https://www.httpwatch.com/httpgallery/authentication/authenticatedimag
Total requests: 2
______
    Response Lines Word Chars
                                 Request
______
"httpwatch"
Total time: 0.820029
Processed Requests: 2
Filtered Requests: 0
Requests/sec.: 2.438938
```

If you want to fuzz a resource from a protected website you can also use "--basic user:pass".

Recursion

The -R switch can be used to specify a payload recursion's depth. For example, if you want to search for existing directories and then fuzz within these directories again using the same payload you can use the following command:

```
$ wfuzz -z list,"admin-CVS-cgi\-bin" -R1 http://testphp.vulnweb.com/FUZZ
* Wfuzz 2.2 - The Web Fuzzer
Target: http://testphp.vulnweb.com/FUZZ
Total requests: 3
                                 Word Chars
         Response Lines
______
00003: C=403 10 L 29 W 263 Ch
                                                                  "cgi-bin"
00002: C=301 7 L 12 W 184 Ch
                                                                  "CVS"
Language | _ Enqueued response for recursion (level=1)
00001: C=301 7 L 12 W 184 Ch
                                                                  "admin"
|_ Enqueued response for recursion (level=1)
00008: C=404 7 L 12 W 168 Ch
                                                                  "admin - CVS"

      00007:
      C=404
      7 L
      12 W
      168 Ch

      00005:
      C=404
      7 L
      12 W
      168 Ch

      00006:
      C=404
      7 L
      12 W
      168 Ch

      00009:
      C=404
      7 L
      12 W
      168 Ch

      00004:
      C=404
      7 L
      12 W
      168 Ch

                                                                  "admin - admin"
                                                                  "CVS - CVS"
                                                                  "CVS - cgi-bin"
                                                                  "admin - cgi-bin"
                                                                   "CVS - admin"
```

Perfomance

Several options lets you fine tune the HTTP request engine, depending on the performance impact on the application, and on your own processing power and bandwidth.

You can increase or decrease the number of simultaneous requests to make your attack proceed faster or slower by using the -t switch.

You can tell Wfuzz to stop a given number of seconds before performing another request using the -s parameter.

Writing to a file

Wfuzz supports writing the results to a file in a different format. This is performed by plugins called "printers". The available printers can be listed executing:

```
$ wfuzz -e printers
```

For example, to write results to an output file in JSON format use the following command:

```
$ wfuzz -f /tmp/outfile,json -w wordlist/general/common.txt http://testphp.vul
```

Different output

Wfuzz supports showing the results in various formats. This is performed by plugins called "printers". The available printers can be listed executing:

```
$ wfuzz -e printers
```

For example, to show results in JSON format use the following command:

```
$ wfuzz -o json -w wordlist/general/common.txt http://testphp.vulnweb.com/FUZZ
```

When using the default or raw output you can also select additional FuzzResult's fields to show, using --efield, together with the payload description:

The above command is useful, for example, to debug what exact HTTP request Wfuzz sent to the remote Web server.

To completely replace the default payload output you can use --field instead:

--efield and --field can be repeated to show several fields:

The field printer can be used with a --efield or --field expression to list only the specified filter expressions without a header or footer:

```
$ wfuzz -z list --zD https://www.airbnb.com/ --script=links --script-args=link
https://a0.muscache.com/airbnb/static/packages/4e8d-d5c346ee.js
https://a0.muscache.com/airbnb/static/packages/7afc-ac814a17.js
https://a0.muscache.com/airbnb/static/packages/7642-dcf4f8dc.js
```

The above command is useful, for example, to pipe wfuzz into other tools or perform console scripts.

--efield and --field are in fact filter expressions. Check the filter language section in the advance usage document for the available fields and operators.

wfuzz/docs/user/basicusage.rst at 1b695ee9a87d66a7d7bf6cae70d https://github.com/xmendez/wfuzz/blob/1b695ee9a87d66a7d7bf6cae70d	60a33fae51541 · xmendez/wfuzz · GitHub - 02/11/2024 10:53 d60a33fae51541/docs/user/basicusage.rst
	Page 6 of 6