## **PicoCTF - Cookies Writeup**

Open (http://mercury.picoctf.net:6418/) in Firefox with Burp Suite configured.

We will use term "biscuits" for the website page in order to prevent confusion with website cookies.

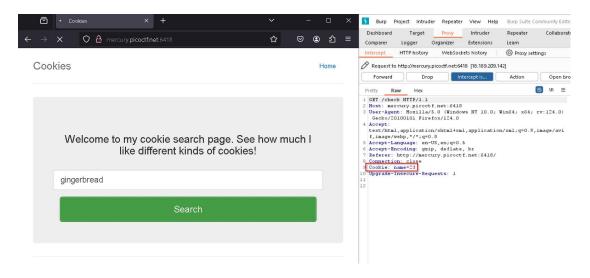
Coo	Cookies	
	Welcome to my cookie search page. See how much I like different kinds of cookies!	
	snickerdoodle	
	Search	
0.51	CTF	

Turn on the intercept in Burp Suite Add "snickerdoodle" to the input field as suggested and click "Search"



We can see the cookie-name changed from -1 to 0.

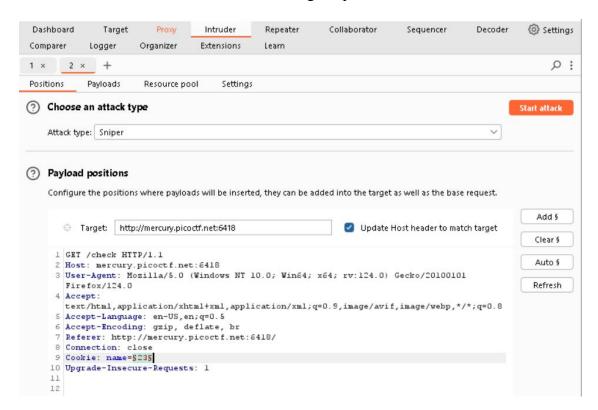
Tried to search for another popular cookie like "Gingerbread".



The cookie-name change to 23.

Which mean there are a lot of cookies in the row of numbers.

If we iterate every number, we will find different kinds of cookies, and perhaps a flag. Thus I iterate the cookie-name's number using Burp Suite Intruder.



```
Request ^
                          Payload
                                                                                        Status code
                          15
                                                                                        200
  16
  17
                          16
                                                                                        200
                          17
                                                                                        200
  18
  19
                          18
                                                                                        200
  20
                          19
                                                                                        200
  21
                          20
                                                                                        200
Request
             Response
```

```
Pretty
       Raw
             Hex
                  Render
22
   <body>
23
24
     <div class="container">
25
      <div class="header">
26
27
         28
           role="presentation">
            <a href="/reset" class="btn btn-link pull-right">
              Home
            </a>
29
           30
         31
        </nav>
        <h3 class="text-muted">
32
         Cookies
        </h3>
33
      </div>
34
      <div class="jumbotron">
35
        36
        37
        <b>
           Flag
         </b>
          picoCTF(3v3ryl_10v3s_c00k135_88acab36)
        38
      </div>
```

And voila. We find the flag! flag: picoCTF {3v3ry1\_10v3s\_c00k135\_88acab36}