

GET aHEAD



Find the flag being held on this server to get ahead of the competition



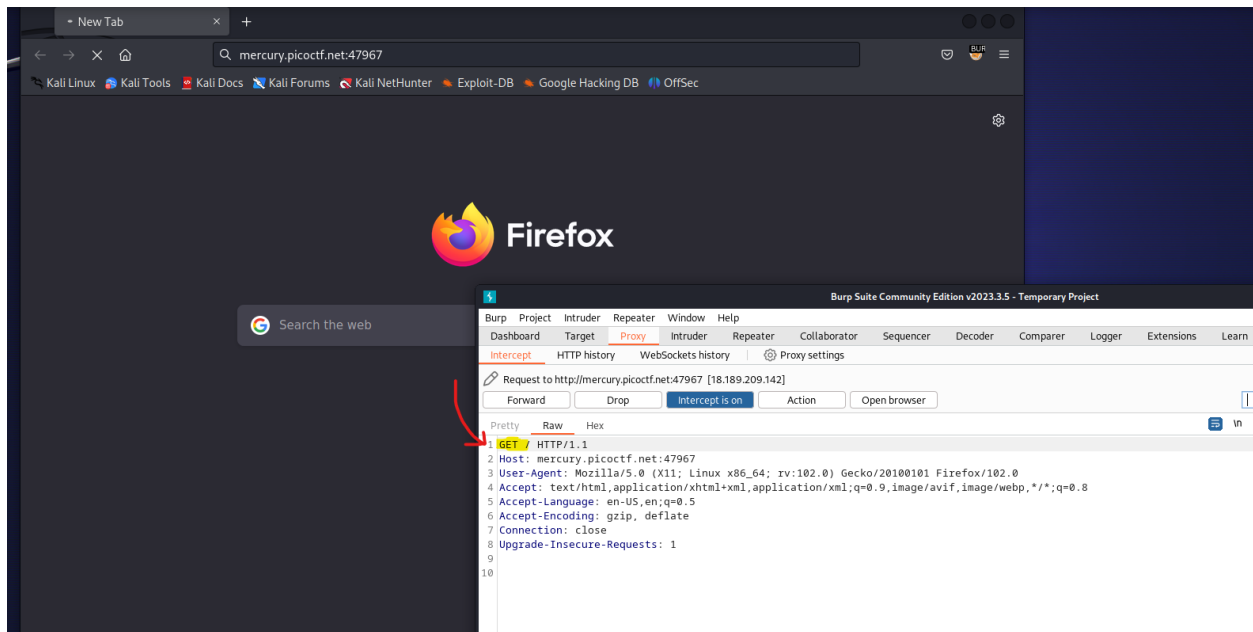
Maybe you have more than 2 choices



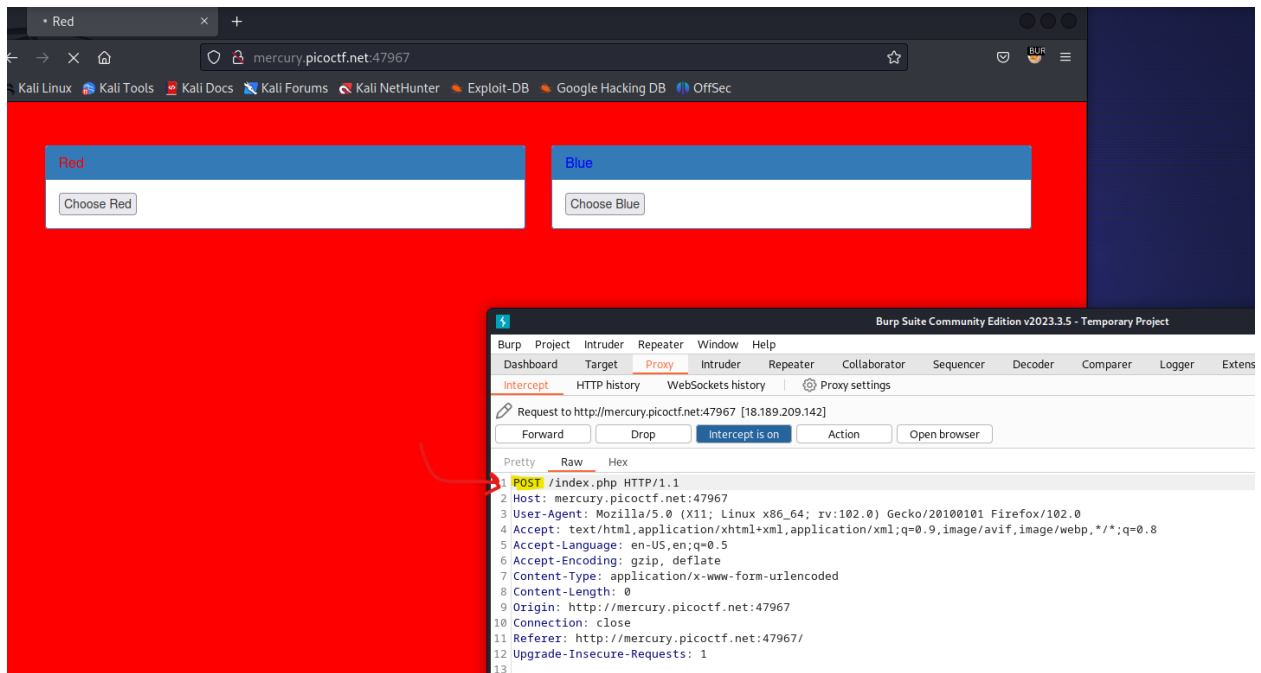
Check out tools like Burpsuite to modify your requests and look at the responses

Walk-through

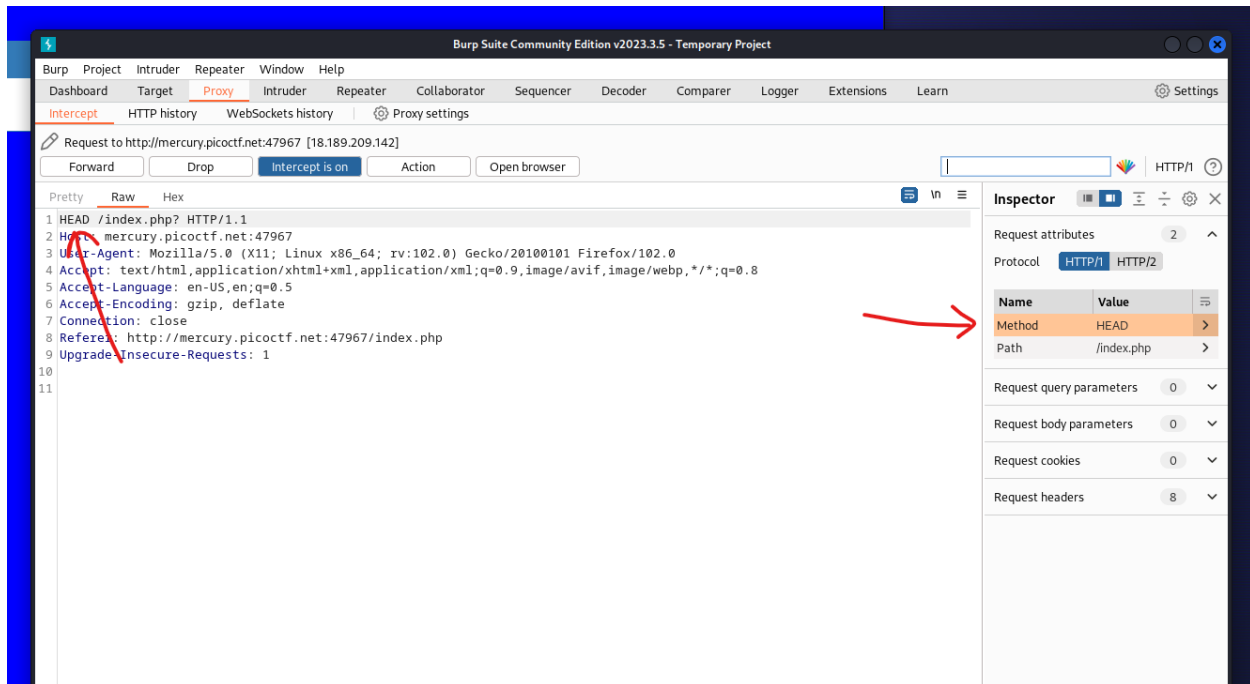
1. Opened the Burpsuite along with Firefox
2. Open the site in Firefox and Intercept the request
3. Here the Request Method is GET - when I click for red color



3. When I choose Blue - The Request Method is POST



4. From the Hints given - There are more than 2 Request Methods
5. Got to know there are more about HTTP Methods —> [HTTP request methods - HTTP | MDN \(mozilla.org\)](https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods)
6. I changed the Method to HEAD (since it is mentioned in Title)



7. Now you will get a Blank screen. Go to HTTP History section in Burpsuite , Check the details for the last request. You can view the flag in Response section.

The screenshot shows the Burp Suite interface. The 'HTTP history' tab is selected, displaying a list of intercepted requests. The 19th request is selected, showing a GET request to `http://mercury.picoctf.net:47967/index.php?`. The 'Response' tab is active, showing the response body: `1 HTTP/1.1 200 OK`, `2 flag: picoCTF{r3j3ct_th3_du4l1ty_cca66bd3}`, and `3 Content-type: text/html; charset=UTF-8`. A red arrow points to the flag in the response body. The 'Inspector' panel on the right shows request and response headers.

Tools

- Burpsuite
- Firefox - With Foxy proxy extension

Learnings

HTTP Methods —> [HTTP request methods - HTTP | MDN \(mozilla.org\)](https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods)

Know How to use Burp suite & Firefox with Foxy proxy