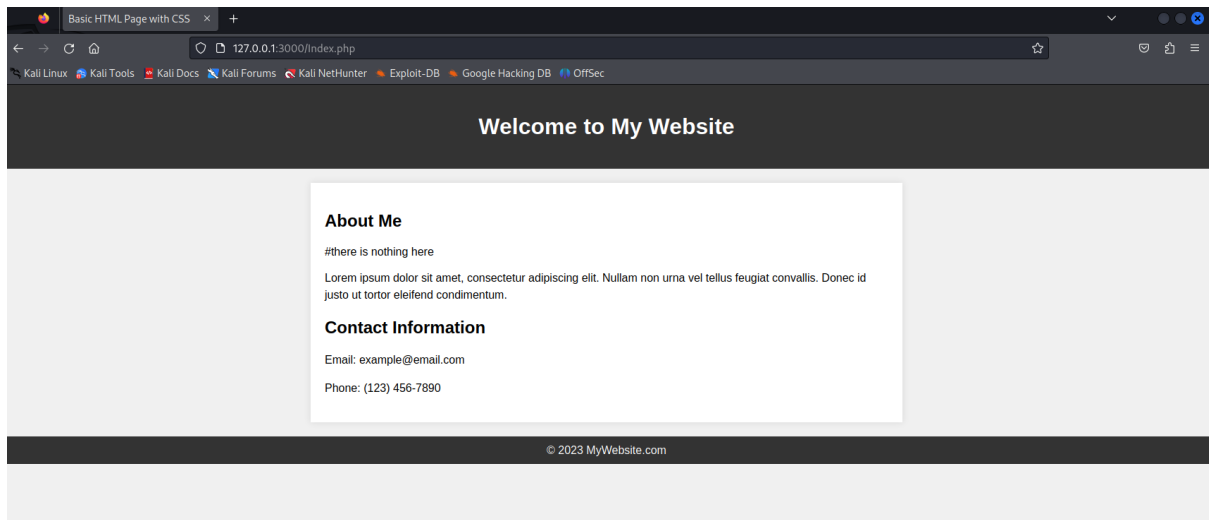
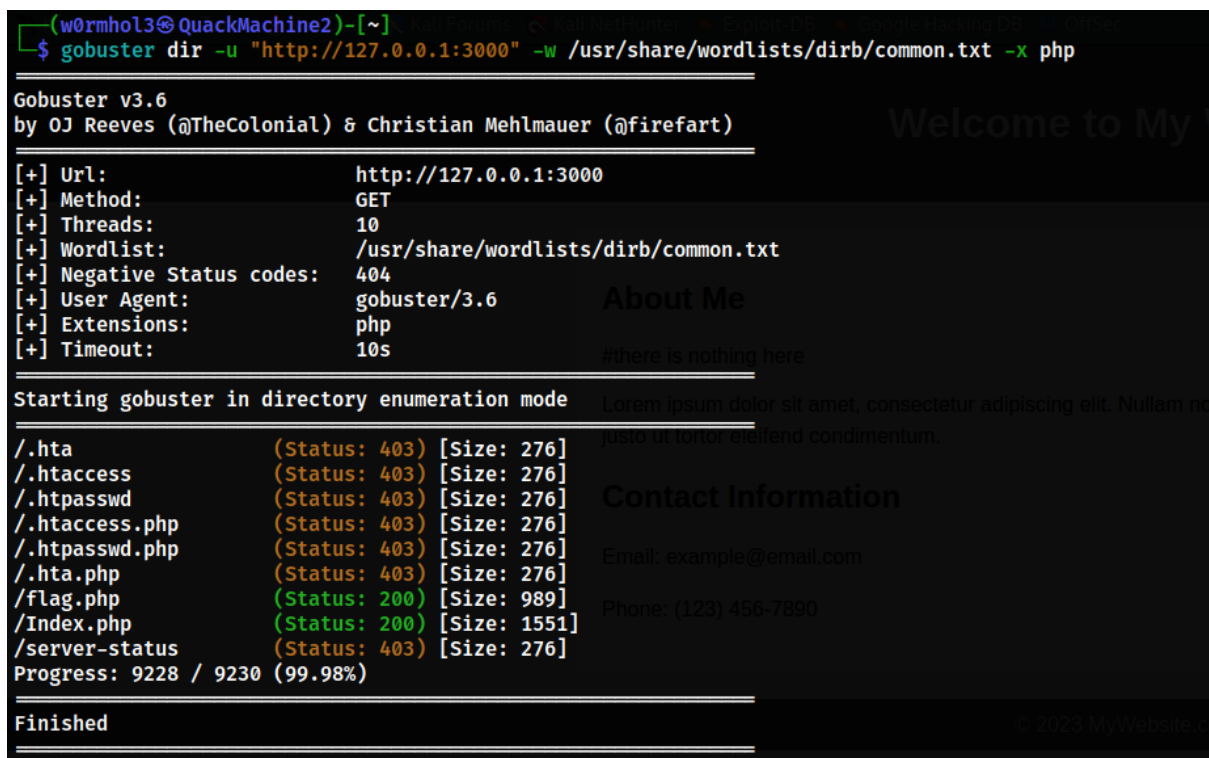


Rise Of Kali: CTF Workshop - Web Writeup

Hidden Flag

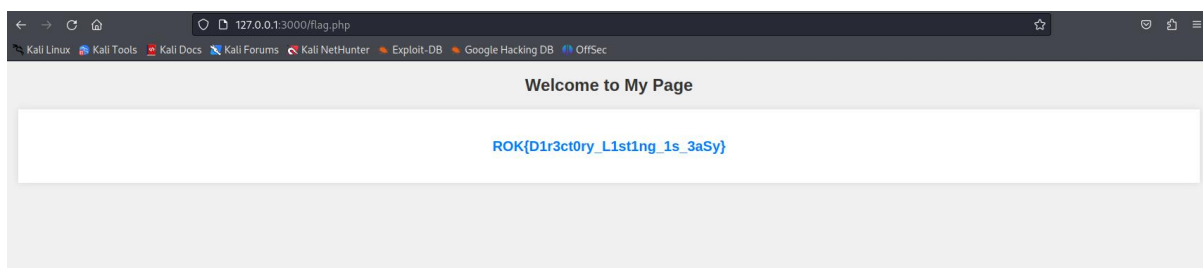


The first challenge demonstrates a plain and basic website. There are no function accessible within this website.



This challenge aims to teach directory listing using tools within Kali Linux. By using gobuster, a flag.php directory can be found.

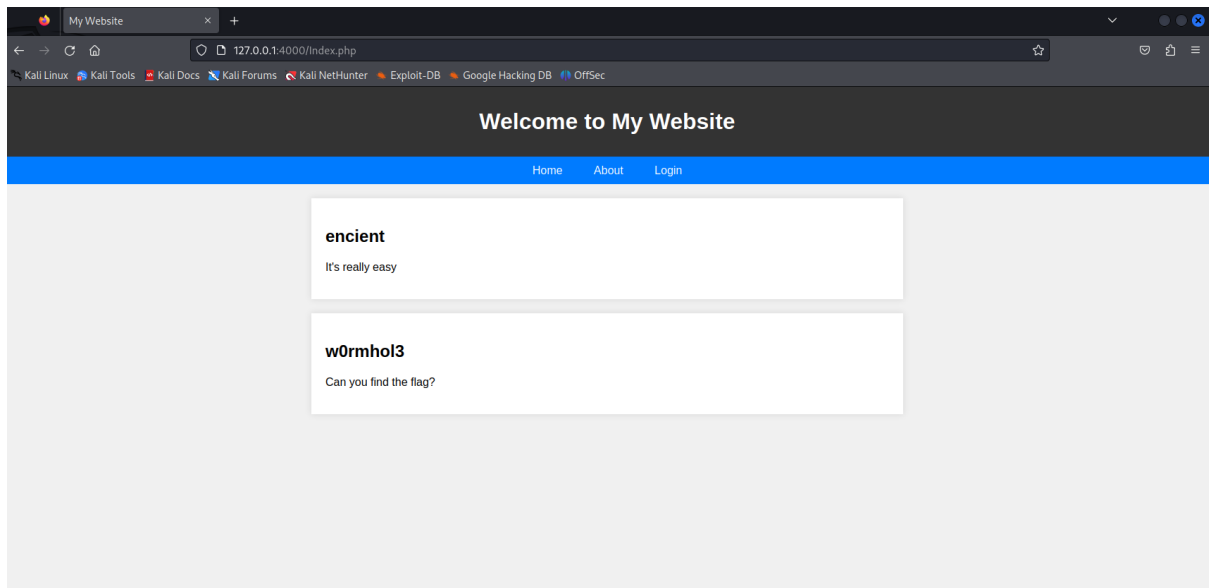
```
(w0rmh0l3@QuackMachine2)-[~]  
$ curl http://127.0.0.1:3000/flag.php  
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>ROK{D1r3ct0ry_L1st1ng_1s_3aSy}</title>  
  <style>  
    body {  
      font-family: Arial, sans-serif;  
      background-color: #f0f0f0;  
      margin: 0;  
      padding: 0;  
      text-align: center;  
    }  
  
    h1 {  
      color: #333;  
      font-size: 24px;  
      margin-top: 20px;  
    }  
  
    .content {  
      background-color: #fff;  
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
```



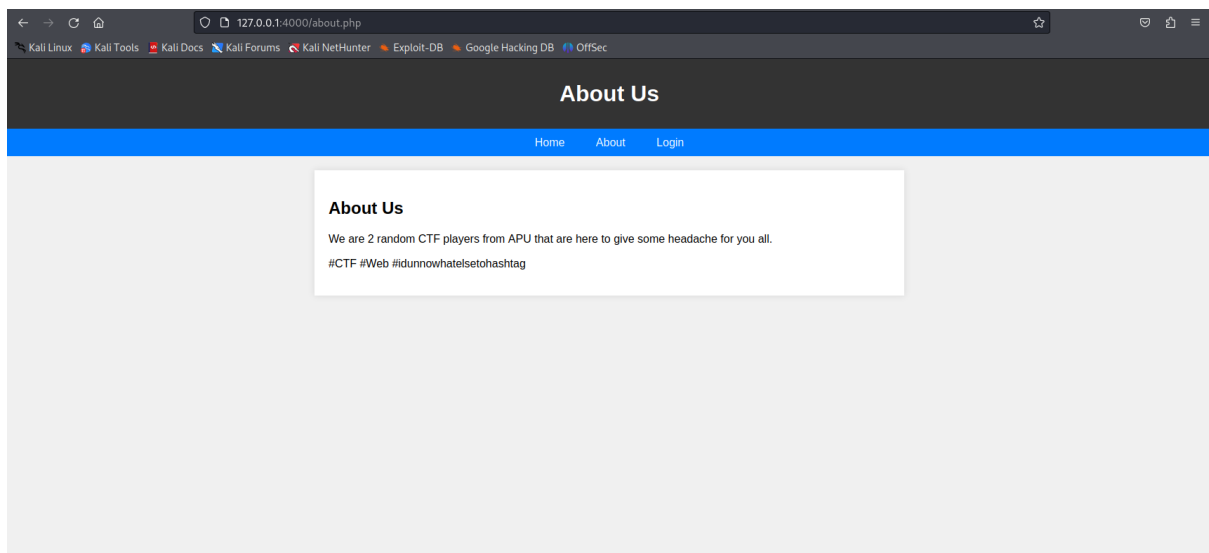
The flag can be retrieved by going to the page.

Flag: ROK{D1r3ct0ry_L1st1ng_1s_3aSy}

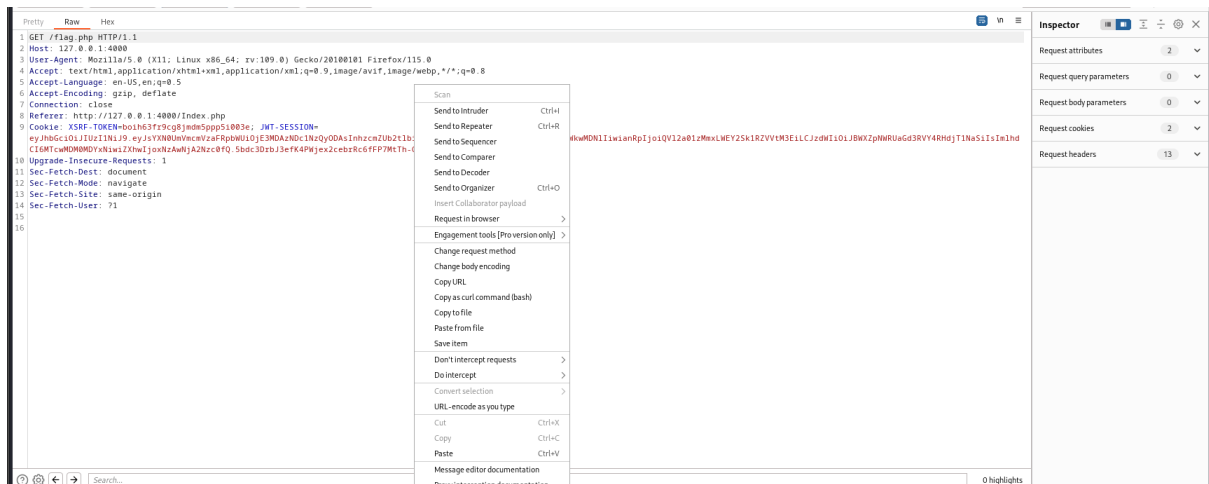
Lightning Mcqueen



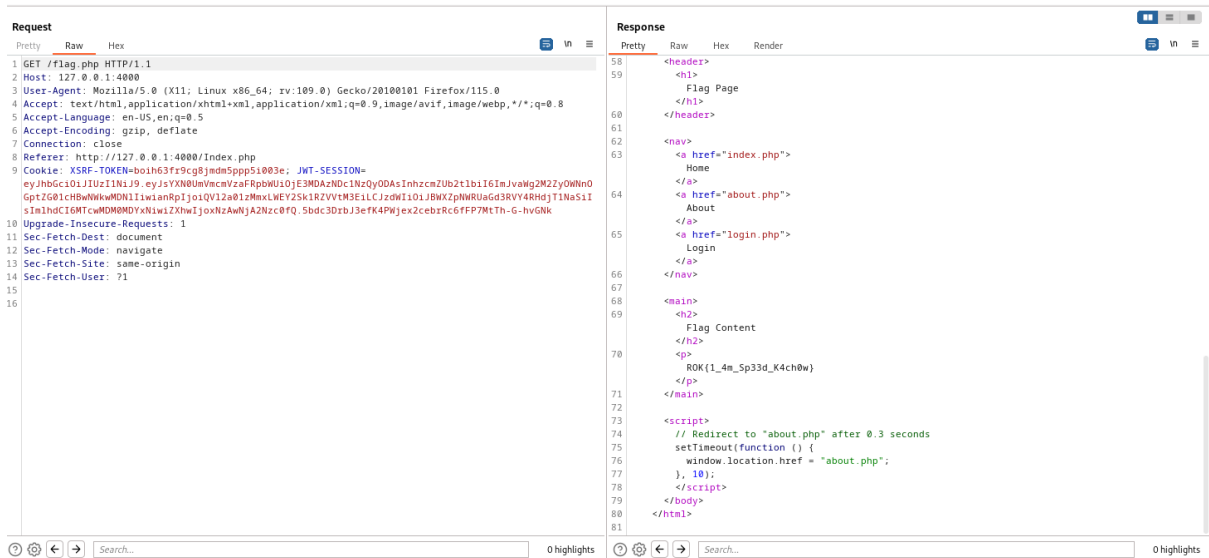
This challenge shows a website with 3 functions, Home, About, and Login.



When the About tab is clicked, the pages actually redirects the user to a flag.php page, then only redirects to the about.php page. To solve this challenge, burpsuite can be used to intercept and stop the traffic.



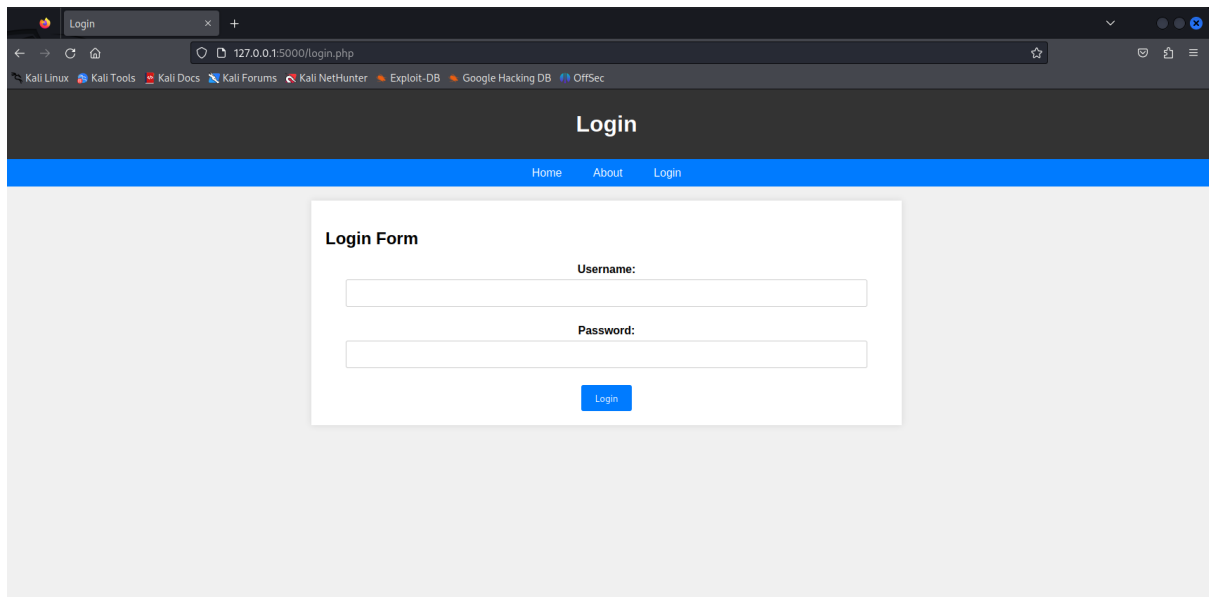
After turning proxy and interception on, click on the about tab again to intercept the traffic. Send the traffic to repeater.



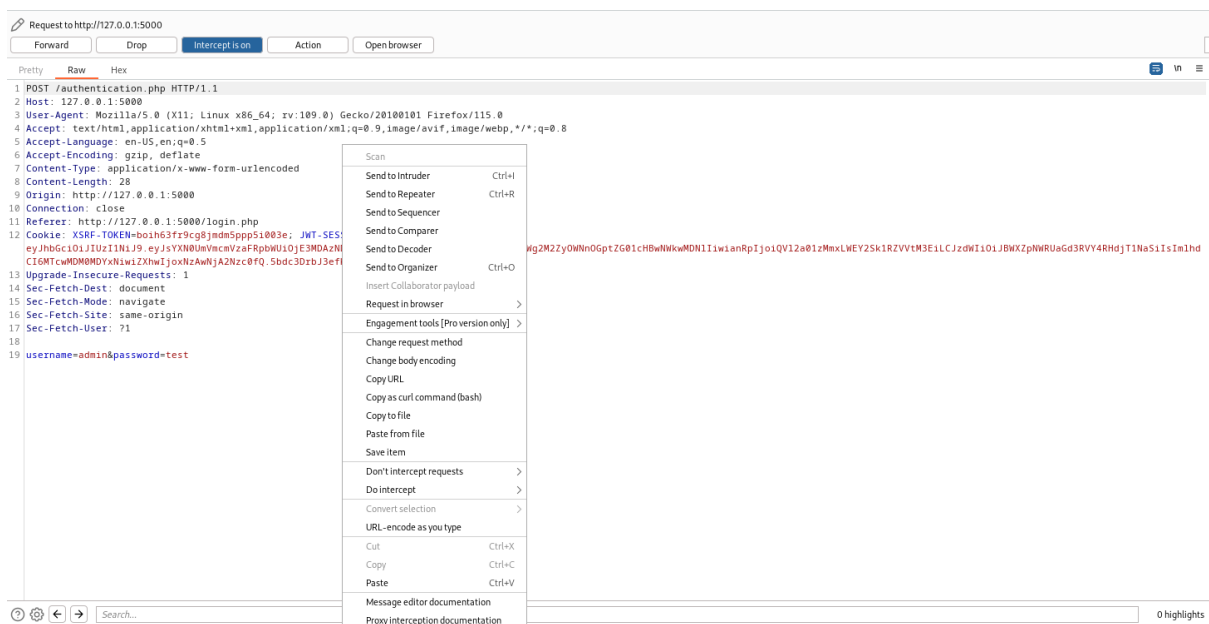
On repeater, click on the “send” on the top left corner of burpsuite. The flag is shown on the response side.

Flag: ROK{1 4m Sp33d K4ch0w}

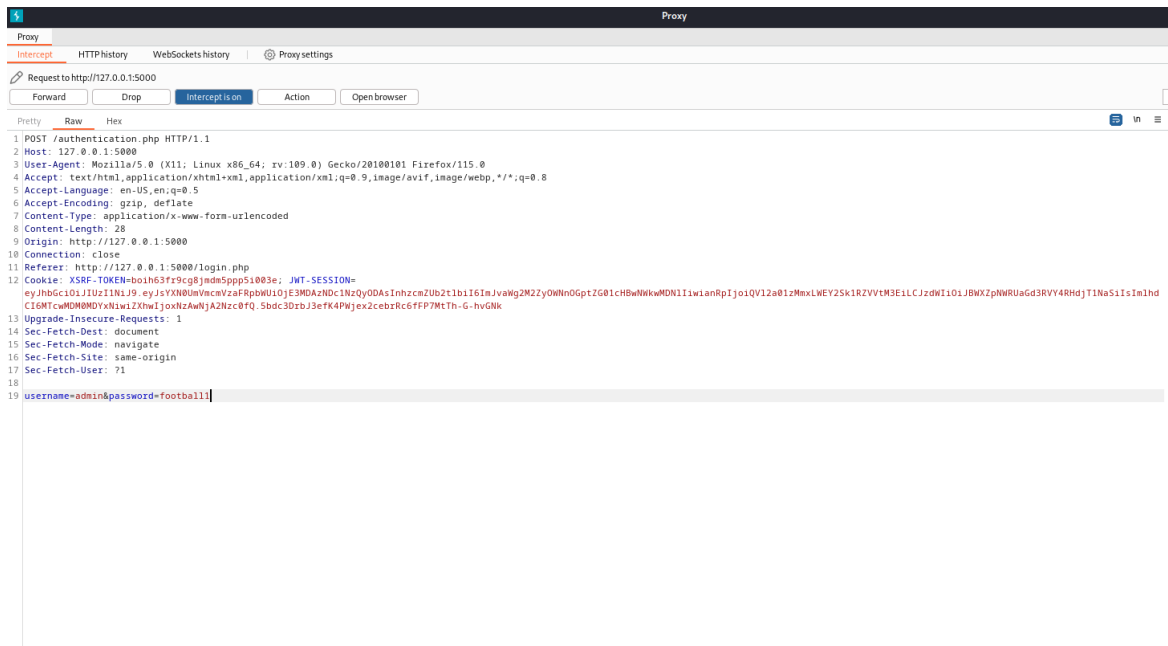
Rock n Roll



This challenge showcases the same website, but this time the solution is done onto the login form. This challenge aims to teach brute force attacking using burpsuite's intruder.



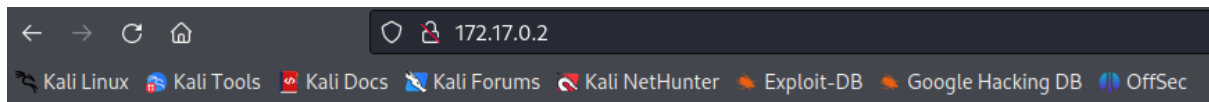
After intercepting the traffic of the website to burpsuite, right click and click on send to intruder.



Modify the password value and forward it. The flag can be seen directly on the webpage.

Flag: ROK{Bru7e_F0rc3_Att4ck!}

Lots of File Insecurity



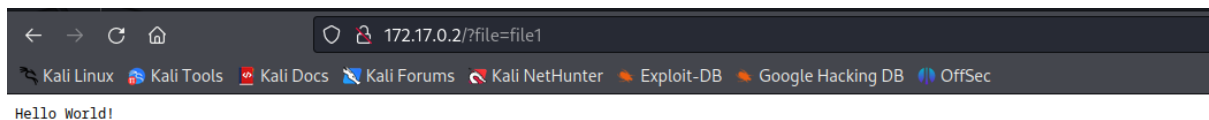
Challenge

find the file named "secret". It is **not** stored within the root of the filesystem /s3cr3t/secret

Some links

- [File 1](#)
- [File 2](#)

The final challenge of the workshop aims to showcase the LFI (local file intrusion) vulnerability and allow participants to test out path traversal attack.



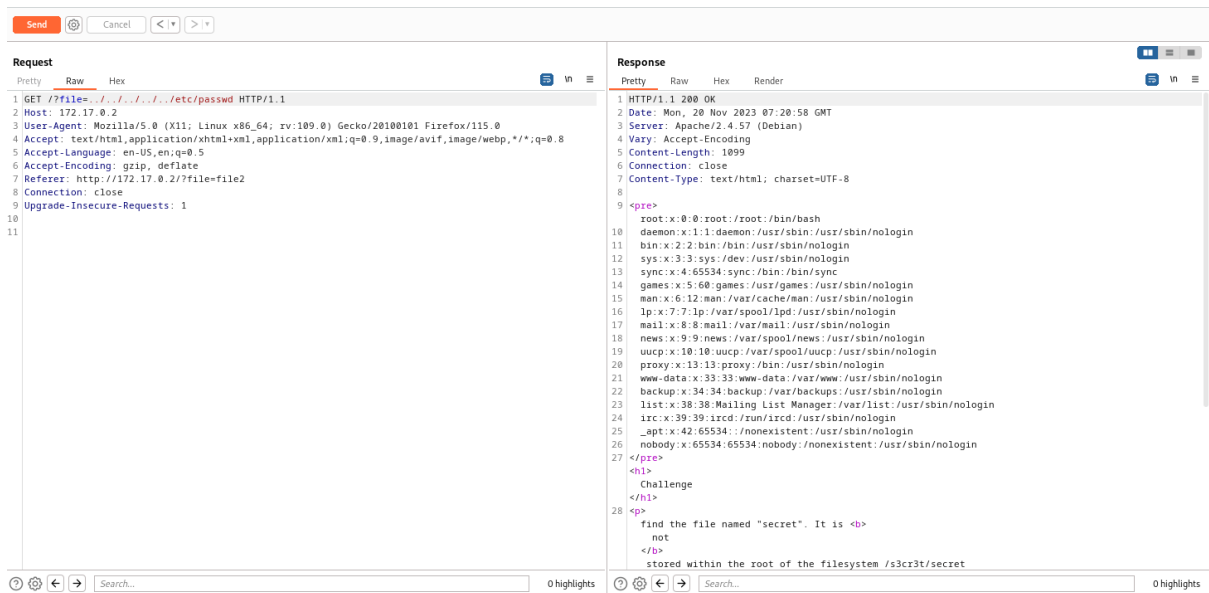
Challenge

find the file named "secret". It is **not** stored within the root of the filesystem /s3cr3t/secret

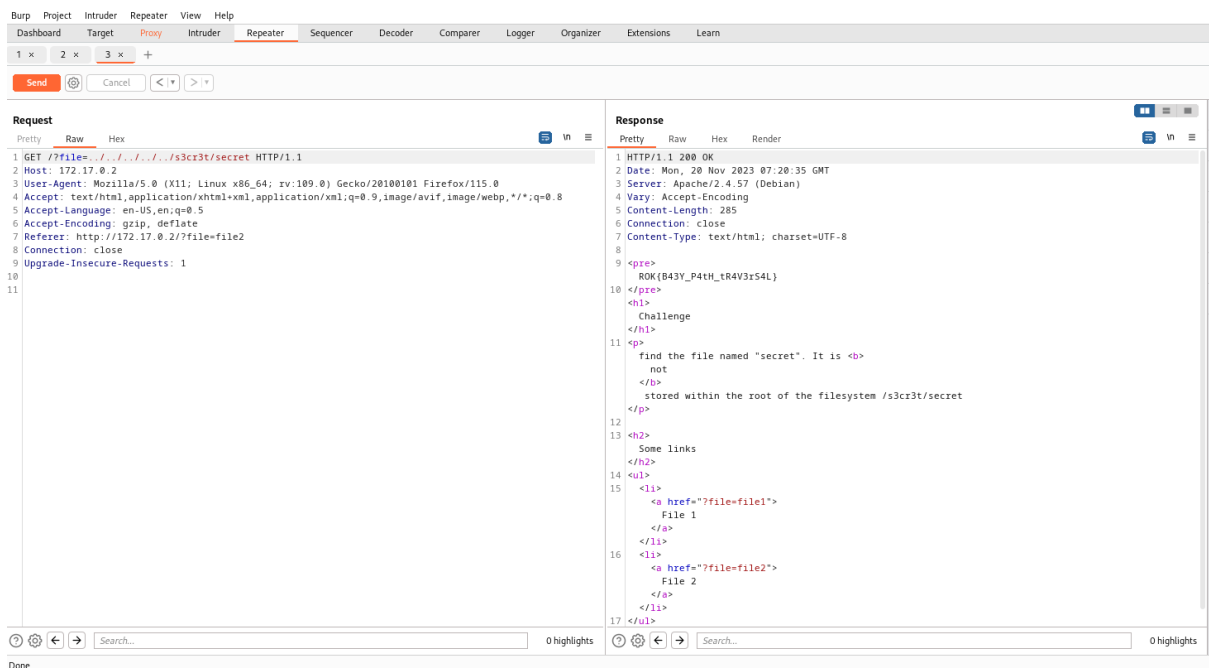
Some links

- [File 1](#)
- [File 2](#)

As shown when File 1/ File 2 is clicked, the webpage shows a parameter “?file=” and the file name. The parameter can be used to run the payload for the path traversal attack.



Using burpsuite to intercept the traffic and send it to repeater, modify the value to “../..../etc/passwd” to test out if it is path traversal attack. etc/passwd allows the user to see registered account within the system. As shown within the response tab, the result is retrieved, this is the POC of the attack.



Hence, looking into the hints within the paragraph, it says that the file named secret is stored within /s3cr3t/secret. Modify the payload to “../..../s3cr3t/secret/” and the flag is retrieved.

Flag: ROK{B43Y P4tH tR4V3rS4L}

