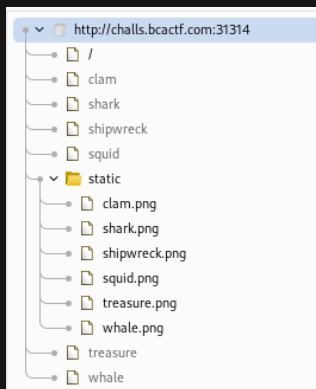
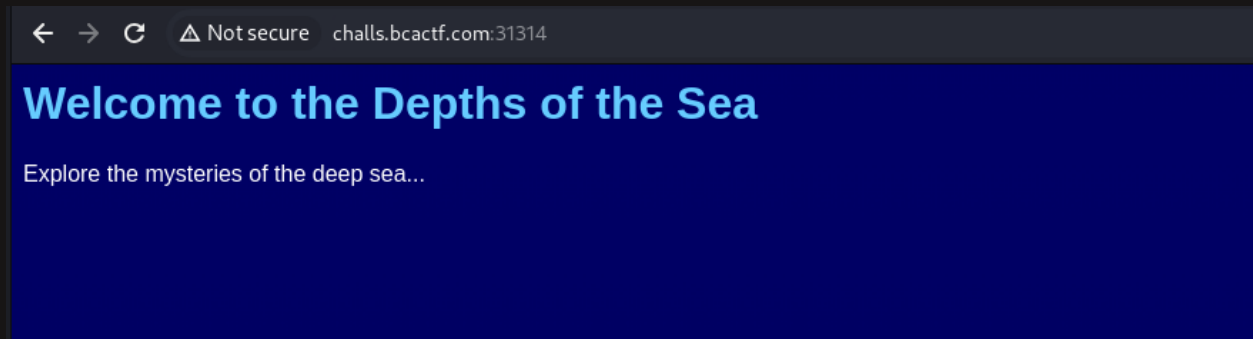


Challenge description:

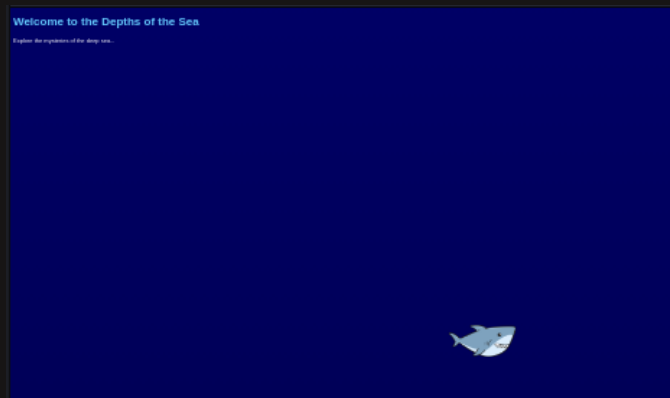
Take a tour of the deep sea! Explore the depths of webpage secrets and find the hidden treasure. Pro tip: Zoom out!

Web server: challs.bcactf.com:31314



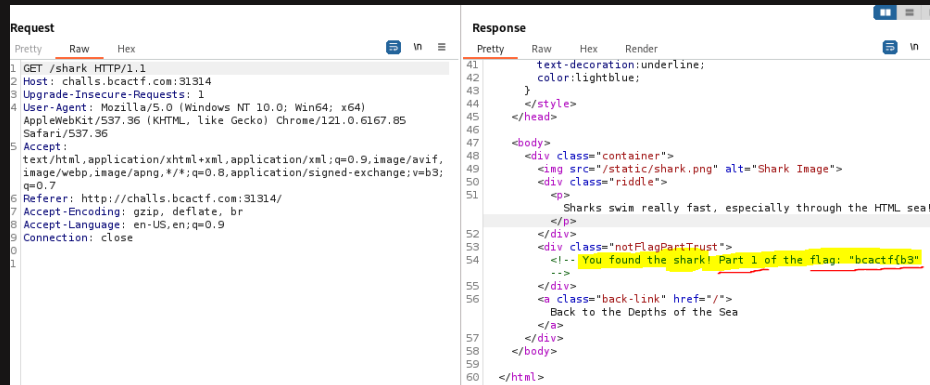
If we look inside of burpsuite site map tab we can see some images but not noticeably visible in the section visible to us. As well as some directories.

By zooming out as far as possible an image of a shark appears. If we are to scroll down we will find a picture of a clam, ship, and whale but no squid.

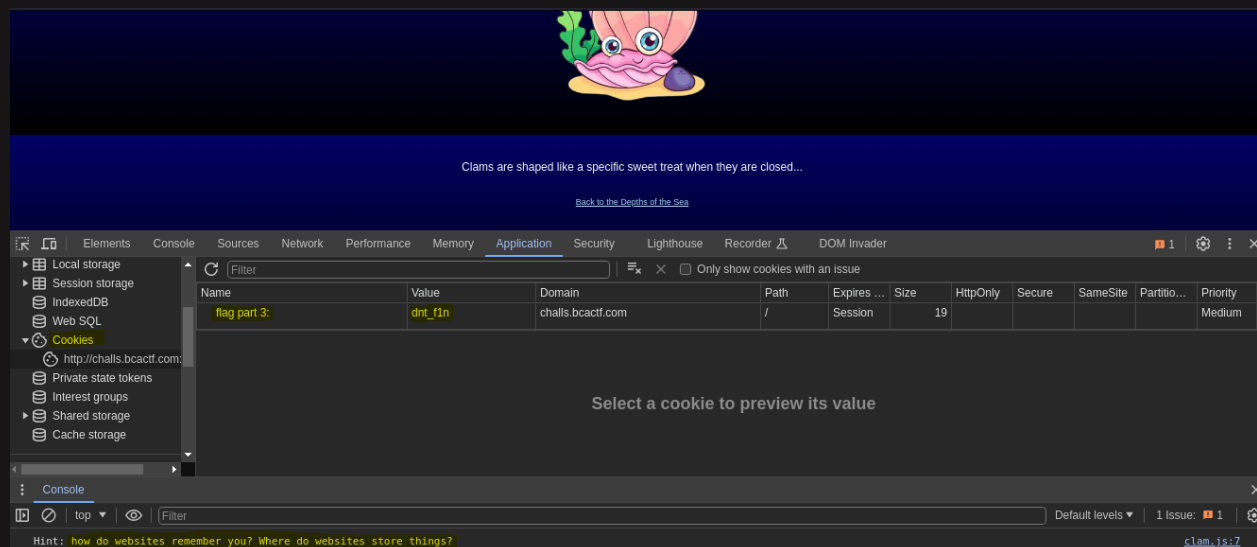


If we click on the shark we are presented with the sentence “Sharks swim really fast, especially through the HTML sea!”

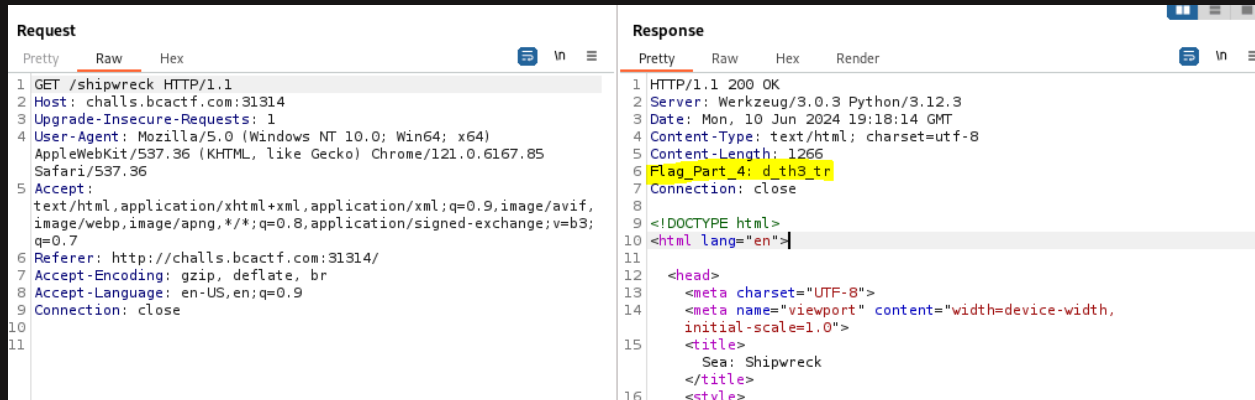
Inside of the HTML response is an interesting comment containing the first part of the flag “bcactf{b3”



Heading back to the deep sea and clicking on the clam another sentence is presented: “Clams are shaped like a specific sweet treat when they are closed...”. This is most likely referring to a cookie. If we open developer tools → application → cookies. Presenting us with part 3 of the flag being “dnt_f1n” giving us part 1 and part 3. While it’s unclear how many parts there will be it seems that part 2 is still hidden.



Due to the hit about the cookie from the clam I checked the cookies for the deep sea but it was blank. Proceeding to click on the ship with the sentence “Looks like this ship lost its network connection with the rest of the world...” and the cookie was empty. But when looking at the response headers an interesting header was there. Specifically “Flag_Part_4:” which contained “d_th3_tr”



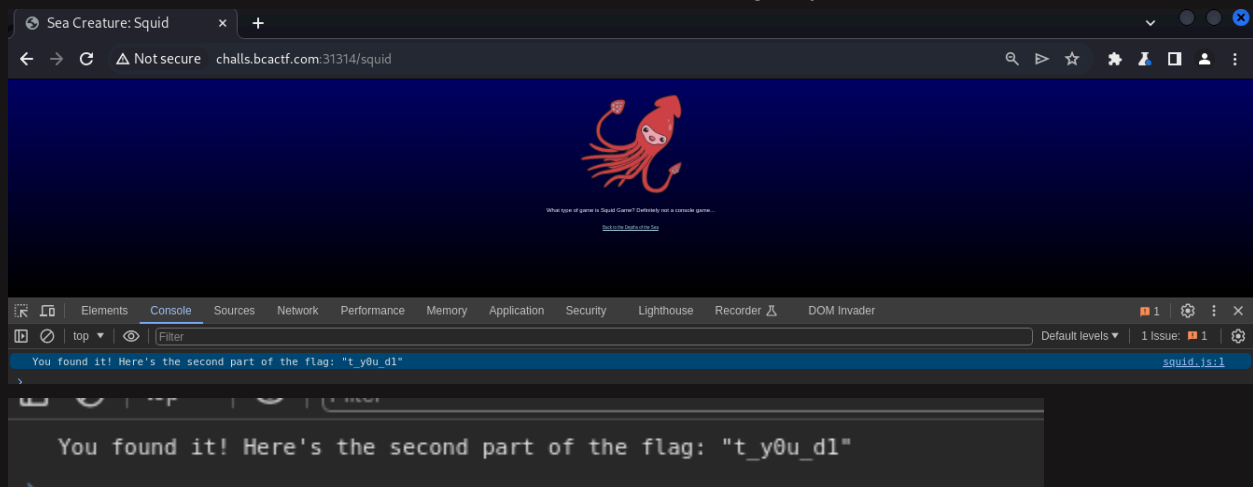
The last visible image was the whale and when clicked a new file was discovered in the sitemap. whale.js was discovered and inside of whale.js response header was the comment “Part 5 of the flag: “e4sur3” “



Two images that I was unable to find visibly was squid.png and treasure.png and in the sitemap is a squid directory. If we type in the URL: <http://challs.bcactf.com:31314/squid> we are presented with:

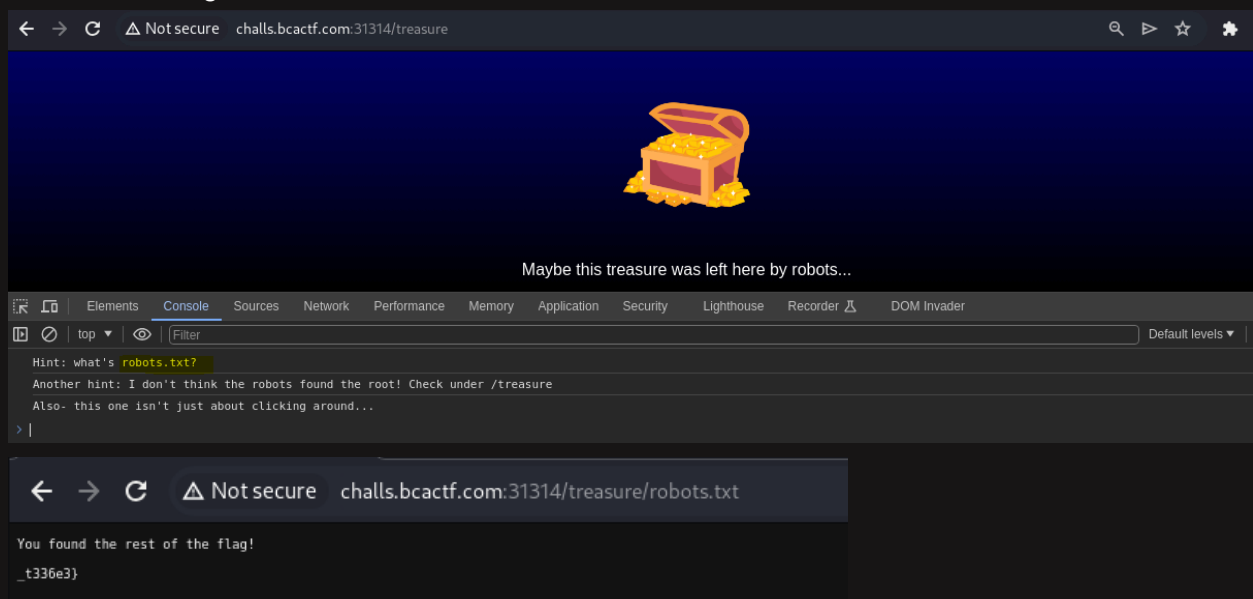


Inside of squid console we can see “second part of the flag “t_y0u_d1”



Inside of treasure the sentence: “Maybe this treasure was left here by the robots...”

When the squid talked about this not being a console game if we look in console we can find some interesting hints.



Parts:

- Part 1 = bcactf{b3
- Part 2 = t_y0u_d1
- Part 3 = dnt_f1n
- Part 4 = d_th3_tr
- Part 5 = e4sur3
- Part 6 = _t336e3}

Flag = bcactf{b3t_y0u_d1dnt_f1nd_th3_tre4sur3_t336e3}

Document created by: ohtheirony

CTF challenge done by: ohtheirony