

HackTheBox – Illumination Write Up

Tools:

- Base64 Decrypt&Encrypt tool (<https://www.base64decode.org/>)

Walkthrough:

Step	Description
1	<p>Unzip the files from the zip file. The extracted contents are “config”, “bot.js” and a hidden “.git” folder.</p> <ul style="list-style-type: none">- For Window users, you need to go to “View” tab and check the box “Hidden Items” to view the hidden folder.- For user new to Kali Linux, remember you can use the command “ls -a” to view hidden files.
2	<p>From reading the “bot.js” file, there is a line that showed the type of encryption used to encrypt the secret token.</p> <pre>client.login(Buffer.from(config.token, 'base64').toString('ascii')) //Login with secret token</pre>
3	<p>Inside the hidden “.git” folder, the command “git log” was used to view the changes made by the developer. (Performed inside the CMD console of Kali Linux.</p> <p>The logs displayed that at log “47241a47f62ada864ec74bd6dedc4d33f4374699”, the developer stated that the unique token was removed.</p>
4	<p>The command "git show 47241a47f62ada864ec74bd6dedc4d33f4374699" was used to view the files that were edited and the unique token was found. The unique token is "Please find the flag yourself ☺".</p>
5	<p>The token was decoded from Base64 based on the clue discovered earlier and the flag was obtained.</p>

Flag is HTB{Please decrypt yourself ☺}