PSP0201 Week 5 Writeup

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Members

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Day 16 - [Scripting] Help! Where is Santa?

Tool Used: Kali Linux, firefox, Nmap

Solution/walkthrough:

Q1

use Nmap on the machine, the port numbers are listed. http shows that the port is a web server.

<u>Q2</u>



The name of the template used is on the top left corner.

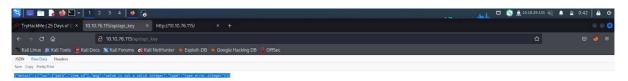
<u>Q3</u>

inspect the page, then search for 'api', the directory of API has been located before '/api_key'.

<u>Q4</u>

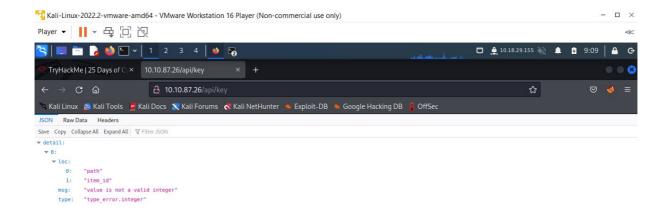


use the directory of the API found in Q4, then can reach the endpoint.

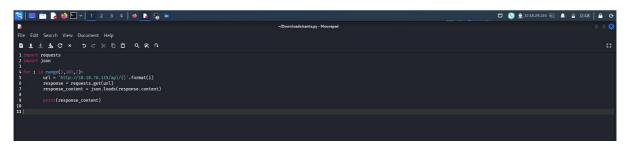


examine the raw data tab, the response has shown.

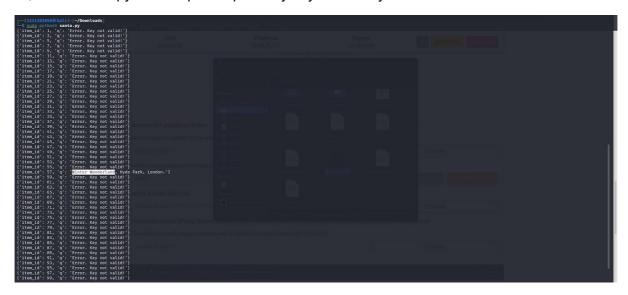
Q5&Q6



from the endpoint, we know that the page is using JSON to collect data.



so, we create a python script to repeatedly key in API keys into the website.



We ran the python script using the 'python3' command. After some time, the script helped us to find out the correct API key and the santa's location.