**TryHackMe: OhSINT Room Write-Up (No Answers)**

Diagram

Description automatically generated

Figure 1.1 — OhSINT Room Image

OhSINT Room Description: “Are you able to use open source intelligence to solve this challenge?”

This room has a heavy focus on OSINT (Open-Source Intelligence), there is only 1 Task in this Room but to complete this room you will need to answer 7 questions.

*“Open-source intelligence is a multi-factor methodology for collecting, analyzing and making decisions about data accessible in publicly available sources to be used in an intelligence context. In the intelligence community, the term “open” refers to overt, publicly available sources. —* [*Wikipedia*](https://en.wikipedia.org/wiki/Open-source_intelligence)*”*

A screenshot of a computer

Description automatically generated with medium confidence

Figure 1.2 — OhSINT Task 1

To get started with this room we will need to download the Task Files (blue button at the top of Task 1 “Download Task Files”). This will allow us to download an image (WindowsXP.jpg), which can be seen below (Figure 1.3).

A picture containing grass, sky, outdoor, field

Description automatically generated

Figure 1.3 — WindowsXP.jpg

Now first thing that most people would do once they get an image is to right-click on it and go to the image properties. But as you can see from the figure below (Figure 1.4) it is not very helpful.

Graphical user interface, application

Description automatically generated

Figure 1.4 — WindowsXP Properties

Next up, I decided to try a tool called [**exiftool**](https://www.exiftool.org/), developed by Phil Harvey. You can download the tool from the hyper-linked website, to get the tool running I have re-named it as an .exe on my Desktop and I have the Task Image on my desktop as well (Figure 1.5).

Graphical user interface, website

Description automatically generated

Figure 1.5 — Task Image & exiftool.exe

Now to use **exiftool** I am using the Command Prompt from Windows. I first of all have to get to my Desktop where I have saved exiftool.exe and the Task Image using *cd Desktop*. After that I can just type *exiftool.exe WindowsXP.jpg* (hint, if you press tab you can autocomplete so there is no need to type the full name) and let exiftool run (Figure 1.6).

Text

Description automatically generated

Figure 1.6 — Using exiftool

Now I will run the exiftool to see if I can find anything interesting about the WindowsXP.jpg image.

Text

Description automatically generated

Figure 1.7 — exiftool output from WindowsXP.jpg

Now this has revealed a few interesting things such as the Image Copyright & GPS Coordinates (Figure 1.7).

Doing a quick Google Search on the term ‘**OWoodflint**’ reveals 3 pages (1 from Twitter and 2 from GitHub, Figure 1.8). I have decided to go for the Twitter link since the first question (Figure 2.0) is “What is this users avatar of?”, and it could be the avatar from Twitter or GitHub.

Text

Description automatically generated

Figure 1.8 — Google search for “OWoodflint”

Text

Description automatically generated with medium confidence

Figure 2.0 — First Question from Task 1

The Twitter profile will reveal the answer for the first question. Now, going back to the other links available from the simple search of ‘**OWoodflint**’. I decided to open the ***/people\_finder*** page and straight away I found two other answers (Answers do not have to be in order).



Figure 3.0 — Second Question from Task 1



Figure 4.0 — Personal Email Address Question from Task 1

Now that we have answered 3 questions (Figures 2,3 & 4) it is time to move on an explore the Twitter page as it will reveal some interesting information.

Going back to Twitter Account ([**@OWoodflint**](http://twitter.com/OWoodflint)), I was able to find an interesting Tweet as seen below (Figure 5.0).

A screenshot of a computer

Description automatically generated with low confidence

Figure 5.0 — @OWoodflint Tweet

Here is where this room gets more interesting, we have a BSSID (Basic Service Set Identifier, the MAC address of an Access Point or a Wireless Router), with this information we can simply search on Google for ‘***BSSID Lookup***’ and the first website that comes up is [**WiGLE**](https://wigle.net/) (Wireless Network Mapping). To continue with this task we will need to make an account on wigle.net

After we have our account we can go to ‘***Advance Search***’, then ‘***WiFi/Cell Detail***’ and paste the BSSID from Twitter and run a Query. The Query should give us the SSID of the WAP (Wireless Access Point), and with that we have answered another question from Task 1.

And we are almost done with this room, only 2 questions left, ‘**Where has he gone on holiday?**’ & ‘**What is this persons password?**’. With the first question we could try to find the location of the WAP but I decided to do another Google search for ‘OWoodflint’ and I was able to find a WordPress Blog. Clicking on the WordPress blog will reveal the answer for the holiday question (Figure 6.0).



Figure 6.0 — OhSINT question

The last question had me thinking a bit as I was wondering how could I get the password, and what is the password for? There is nothing useful on Twitter anymore, it’s the same with the GitHub page so everything that’s left would be the WordPress Blog. I decided to grab everything available on the page and paste it in a notepad, sometimes you could find something interesting if the text is the same colour as the, #FFFFFF (White) ← Hex Colour Code, in this case. And it has revealed something interesting. There seems to be a string that has appeared.

So, I have decided to analyse the HTML (HyperText Markup Language) with Developer Tools to find more information about it. Now I can just search the Hex Code in the HTML to find out where it is in the HTML. And would that be the password for the last question (Figure 7.0)? It’s worth a try.



Figure 7.0 — Last Question from OhSINT

And now that we have found the password we are done with the OhSINT Room. I enjoyed this room, could have been a bit harder but it covers well the basics of OSINT.

Thank you for reading my OhSINT Write-Up and if you want to try the room yourself the link is below. I have also attached my LinkTree if you want to get in contact with me.

OhSINT Room Link: <https://tryhackme.com/room/ohsint>

My LinkTree — <https://linktr.ee/StefanPBargan>