

Part 1:

She is probably in UK but her flight landed in Glasgow. (Look at part 2 and 3 for more details)

The first person that Laila needs to speak to LOCALLY is the POLICE. Some possible contact info is mentioned also later on. (Look at part 2 and 3 for more details) but Garry Hall and her email might be a good contact for Laila.

Some parts of part two and three has some answers for part one as well, so please don't deduct points because there is not enough answer in part one. I just wanted to avoid repetition.

Part 2 and 3:

I have tried to mount the image on Linux and use command line to look for clues in the image but unfortunately, I could not manage to make it working and after a while I gave up. So, I am using windows and the software Autopsy to scan the image and then use the tools provided in the application like search for keywords and using regex to look for emails and phone numbers to find what I needed.

- Basically, I have started looking at common places such as desktop or home or documents or downloads to find some clues of what I should be looking for.
- I have even looked for specific known extensions such as pdf, jpg, and txt and others known to see if I can fish any useful information. I have most of the documents used for this report originally from these lists. Then I looked in more detail in those locations to find more.
- I have also looked at browsing history so see if I find a clue. Apart from two google searches related to the flight to UK, I have found different web visits to Washington Post and Wikipedia. I was hoping I can find a clue to help me with the story but I could not find anything relevant.

I have found a txt file (Coven-contact.txt) local\usr (I was looking for the user profile folder that contains all of the files saved in that profile. I have found most of the files in the users folder including documents, downloads or pictures.)

It has some information about a spell and specific place that it has to be cast. It mentions the word "destination" and there is a picture called destination in her picture folder. It also has a contact info about the spell provider, Gerry Hall (GerryEHall@jourrapide.com) which can be contacted to get more info about Mae.

I have also retrieved bunch of email back and forth about using a software Gnu gpl and troubleshooting emails and how to use and read news in it. But I am not sure if they can provide much help. Maybe we can send them an email and ask them if they know anything about her travel plans which might be unlikely. One example of those email is chet@nike.ins.cwru.edu. Although it might not be a good idea since these emails are dated back to 1995. When I looked at the time line of the image, I found out that those emails are dated back two decades ago.

In the path Home/mae, I found a bash file (.bash_history) that had the password to the passport.zip file I have found earlier. (the passport.zip was in the tmp folder, and I intentionally checked it because I knew there might be some leftover files in the temporary folders) In the zip file, there was a passport copy and a note. The password is fqT3QK. Also I have found .ICEauthority-c holds information about the

Delta flight from Cville -> Atlanta -> HEATHROW -> GLASGOW on June 28 2018 for Jessie Greenbaum that matches the boarding pass found earlier in her download folder. But why someone else's boarding pass is in her hard-drive? I think she is flying to UK under a false name so that nobody can track her down using her real name. She wants to be under the radar. Also, she is preparing a transaction in bit coin which is another sign that she is trying to be anonymous. My suspicions got stronger when I looked up the last name Greenbaum (using search keywords) and found no instances of it, I could not find anything. That is a fake passport

In her pictures, she has picture that has a name destination.jpg and it might be helpful. In the description of the file, it is Callanish Stones and it is located in the UK. Which matched with her search histories (how to fly to UK, delta flight to UK). She also has some pictures of some other EU countries like Italy, so maybe she is gone to a tour of Europe. Also Callanish Stones seems to be a good place to cast the spell since the spell was supposed to be casted in a specific place.

Then I have tried looking up Mae and found a couple of encrypted txt files that I cannot decode. I have tried Cesar substitution but that is not it. I think it is an XOR operation but I can't find the key to it. There are several other encrypted files which I could not figure out what they were. There are also some logs showing some account activity such as successful log in dated Dec 2nd (file name: 75-ttf-arphic-ukai-select.conf) and Dec 3rd (syslog)

(for example, this file: f0696088.txt and it contains:

Cadw'r dewisiadau bysellfwrdd diofyn? Y gwerth diofyn ar gyfer dewisiadau y cynllun bysellfwrdd yw. Mae hyn wedi ei seilio ar yr iaith/rhanbarth presennol a'r gosodiadau. Os ydych yn dewis eu gadw, ni fydd cwestiynau am ddewisiadau'r bysellfwrdd yn cael eu gofyn. Den er baseret p)

Part 4:

It was hard to figure out how to make use of the image. I tried Linux first but I could not get it to work. Then I used windows to complete the assignment. There was not a clear instruction for using the image on Linux.

It was interesting and tedious at the same time. It felt like a puzzle to solve but after a while it got tedious since I could not do anything more and I got stuck spending hours of looking at the screen to find a clue here and there.

I think hidden folders and files might be good options for this assignment. I have looked for hidden and recently deleted files in the image but I could not find any.