Assignment & Instructions

For all and each question, please Label your answer with the question (e.g. Part I – (1-3) or Part III (2))

along with the instructions that are being asked. In this lab you should be looking for specific pieces of

information

* You are to find the following image.

A picture containing sky, plane, runway, outdoor

Description automatically generated A large airplane on a runway

Description automatically generated with low confidence

Before you start, make sure to do the following:

1. Download Wireshark and install it on your virtual machine

## Download HxD 🡪 <https://mh-nexus.de/en/hxd/> & install it in your virtual machine

1. Download the pcap file from BeachBoard and it with Wireshark

# Part 1

1. OS Type
2. OS Version
3. Type of Web browser
4. Web browser version
5. Hosting Web Address
6. Date and Time of transfer
7. Frame # from GET to Received Image
8. Source IP Address of the server
9. Port # used for the transfer (server)
10. Destination IP Address of the client and port
11. Port # used for the transfer (client)

# Part 2

1. Type of image you are looking for
2. File Signature of image
3. Type of traffic protocol
4. Why were you able to carve out the images?
   1. Note: This question requires a technical explanation
      1. 1-3 sentence(s) is not enough
      2. I need to know why were you able to carve out, these files?
5. Size of the image files (Include a screenshot)
6. Hash the image files. Does it match the hashes provided? Explain either way
7. Upload your image files and carved files to BeachBoard, along with this lab and your answers