

Image From Wireshark

how to view the image a user accessed by investigating their network traffic.

The image being

looked for is hackers.jpg The first action to take in this task is filtering the network traffic so you can view just the http traffic. This makes it easier to find the packets created when the user requested files for

download. Then search through the filtered traffic until you find a GET request for the image.

After finding the packet, right click on it, navigate to the follow option and select TCP stream.

This brings up the TCP stream that contained the image download. When looking for a jpg image, the best way to find that will be by searching for a jpgs file signature.

This is done by changing the view of the data from ascii to raw, allowing you to view

the hex data sent over the network. Then search for the jpeg hexadecimal file signature "FFD8" in the search bar at the bottom. This shows where the data for the image begins. Then searching for the file footer of a jpeg, "FFD9",

will show you where the image data ends.

Then copy all of the data between the two into a hex editor, and save the file as a jpg image.

Opening this image will let you see the image the user downloaded.