toplump - w output peap - i' and
interface
toplump - w output peap - S O, - i and

to capture the
entire Packet

that were saved from above.

USING Pring Buffers in Capturing:

- to have wireshark create files automatically

Step 1: Select from where

Step 2: Press on Sctting ilou

Step 3: Press "Output"

Step 4: Click the check box next to

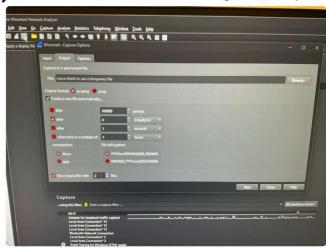
"Create a new file automatically"

Step 5: Do the Settings you want

Step 6: click the check box next to

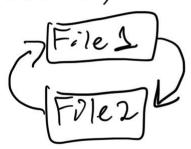
"use a ring buffer with"

Step7; select the # of files



What Step 7 is doing is setting the amount of files that will be looped though.

the 4 megalyses go to file I, then 4 mb go" to File 2, 4 mb are added to File I, 4 mb is added to File I, 4 mb



Analysis:

On the bottom left there is a circle

with a color press vt.

· Serious problem

· warning

Note

· chat



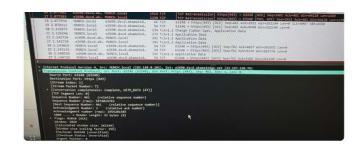
EXPORT A nalysis

LOCATING ERRORS:

Black line with red text should pay more attention.

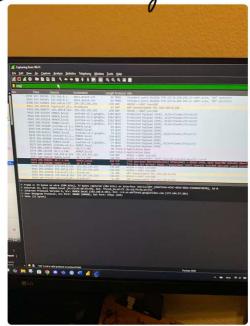
Or use analysis expert.





Applying dynamic Filters:

Filterong whole gathering Frames



Filtering Conversations:

Using Follow > TCP Stream

Using Apply as Filter > selected/esc...

using conversation Filter > IPv4/etc...

and on a specefiz Frame.

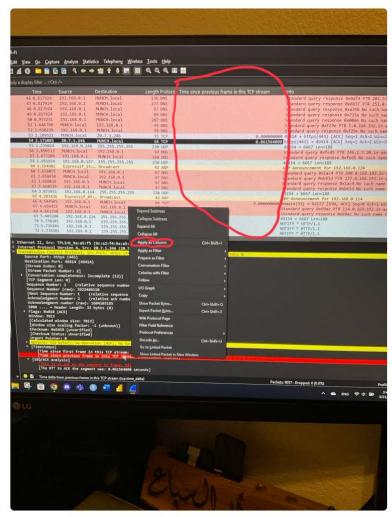
Investigating Latency:
-ve can only capture by the time it takes
to get a respons.

- Time Col. is only the statt of the capture (dulah)

Steps: Press "Frefrences" Steps: Press "Prefrences" Steps: Press "Protocols"

Step 4; in this example we select TCf Steps: Make Sure "Calculate Stream packet humber and timeStap" is checked. press ok Step 6: In TCP header look For "TimeStamp"

Time Deltas: Look at image.

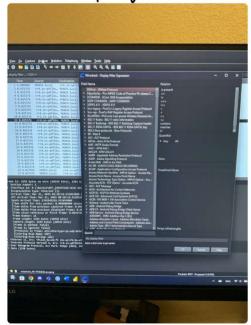


Detailed Displayed Filter:

- the filter on the top can be as Specefor as you want - you can use "and", "or" " ("not"

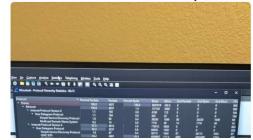
Locating Response Code: - you can search for errors

Using Expression Folter: Step 1: press "Analy Ze" Step 2: press "Display Filter Expression"



Locating suspicions Traffic in the Capture: Step 1: Statics

SteP2: Protocal Hierarchy



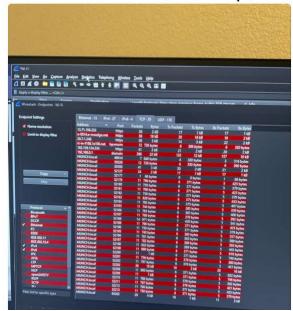


Expertinformation Errors; the color thing on the bottom

Obtaining Files: Step 1: Find a file on the info Step 2: press "File" Step 3: press "Export..."

Exporting Captured Objects: File > Export Object > when you want.

Statistics: statistics > Endpoints seeing conhections and porss.

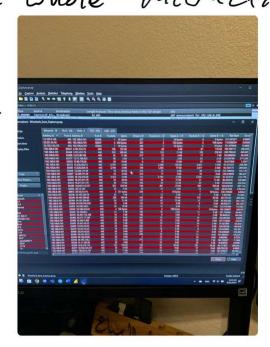




End Points

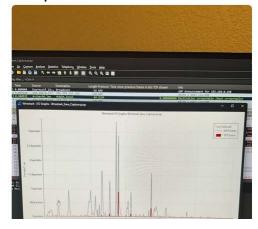
Conversations: Statistics > conversation - shows addresses - shows the whole interaction,

-Shows the
bytes Cracks)
that go
A > B & B > A
- Also show
Dwanton Ctime)



Graphing: Statistic-graphs (1/0 graph)

-it can be eduted and ased in reports





Edentifying Active conversations:
- in conversation book at packet amount and Byse. Self Analysis

Using Geo IP: Downdoord. I Lentify Fackets By Locatoon: Filtering For - end points show were into, Locatoon.

Mapping privet location using Geoge; creates a map.

Using protocol Hierarchies: Stat >> Protocol Hierarchy Snowing how to read.

- apply follows on the Howardy pages.

Graphong Analysos Flags:
- you can press on the Sograph to look as orth

Voice Over Est Telaphony: "Sip" in the filter hvv3 errors "Telephony" fab.

I Lentofylug VoIP Calls

Locating Conversations:
Telephony > Voip Calls
Using Voip Stats: It
Ladder Diagrams: 51P
Cretting ardii; 5;1
Advanced: cmd
tshark