

SHARKFEST '12

Wireshark Developer and User Conference

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Network Analysis, IT Security, Virtualization

Intro and Baselineing

- About me
- Motivation for this hands-on lab
- Who are you?
 - Experience with Network Analysis/Wireshark
- What do you expect?
 - Let's see what we can do about it 😊

Case #1 – „This doesn't look good...“

- Users report delays and other issues with SMB file transfers
 - Packet Loss is suspected to be the root cause
- Let's have a look

Case #2 – Retransmission and RTT

- Trace file shows a couple of retransmission
 - Look at frame 570 and determine what the impact is

Case #3 – Zero Window

- Users complain about performance of a printer
 - Can you find a reason in the trace?
 - Is it really that bad?

Case #4 – Bonus

- Can you tell why there is a retransmission?
 - Is it really a retransmission?

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Thank you!