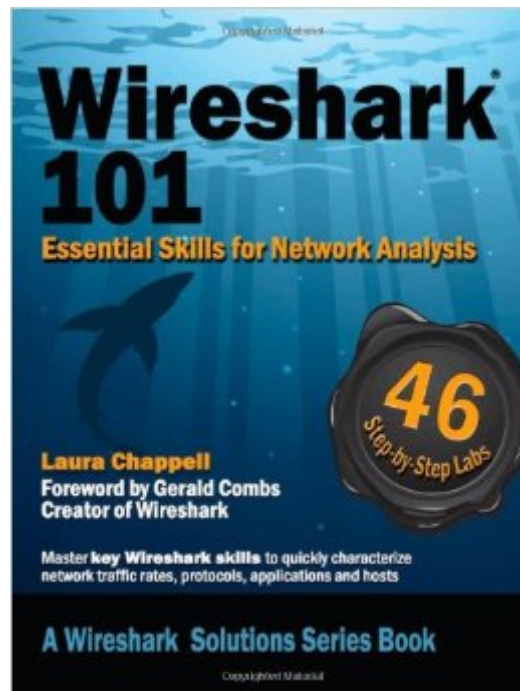# Wireshark 101: Essential Skills For Network Analysis (Wireshark Solutions)

Synopsis

This book is written for beginner analysts and includes 46 step-by-step labs to walk you through many of the essential skills contained herein. This book provides an ideal starting point whether you are interested in analyzing traffic to learn how an application works, you need to troubleshoot slow network performance, or determine whether a machine is infected with malware. Learning to capture and analyze communications with Wireshark will help you really understand how TCP/IP networks function. As the most popular network analyzer tool in the world, the time you spend honing your skills with Wireshark will pay off when you read technical specs, marketing materials, security briefings, and more. This book can also be used by current analysts who need to practice the skills contained in this book. In essence, this book is for anyone who really wants to know what's happening on their network.

Book Information

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Customer Reviews

I was unable to attend a week-long Wireshark training, so I got this book and worked through the whole thing on my own in a few days. It's excellent--lots of hands-on projects, and very clear instructions. Wireshark is essential for anyone serious about networks, either from the admin or security side, and there are lots of important techniques in this book that I never learned in years of working with Ethereal and Wireshark.The accuracy is impressive too. I read books like this very carefully, testing each off-hand comment and reference, and the two times I though I found

mistakes, Laura was right and I was wrong. This is what I hope for most when I get textbooks--the author is smarter than me! Researching the issues mentioned in this book taught me a lot more about Ethernet than I ever knew before.By the way, I highly recommend watching the author's Sharkfest presentation which summarizes the material in this book and demonstrates the principal techniques:[...]That video plus this book is almost as good as a real face-to-face class.After going through this, I plan to get the Wireshark certification.

Laura has a way of breaking this "nutrient-dense" subject matter and making it palatable for even the most ADHD among us (squirrel!). Although bits, bytes, frames and packets are not everyone's cup-o-tea this book goes a long way toward "mainstreaming" network analysis for the "masses". If you are "good with computers" and you want to get a much better understanding of what's going on in your network "under the hood" then this book is a great place to start. Although, there is NO final exam for this 101 course, it WILL prepare you for 201 (hint to Laura).

Better late than never,I realized the importance of learning tools to add a bit of color to the job.As part of my preparation towards WCNA.I got this book to prepare.This book guided me to march on those uncharted regions[GeoIP,RingBuffer,TSHARK,EDITCAP,MERGECAP,HTTP Object capturing etc...] of wireshark.I recommend this book for users who are looking to enhance their tool usage(related to wireshark) in particular and network troubleshooting in general.Thanks for the book and expecting more from you Laura.

I am a bit of a novice, so I was very nervous when I ordered this, expecting it to be written very technical and manual-like. I was wrong. This was written in a style as the author was simply talking to you. Chapter zero is incredibly informative, and I read it three times before continuing. The chapters are easy to read, the labs are straight forward, and each chapter has a challenge section which is just that. The study-group I joined goal was to complete this book cover to cover. We are half way through. I have learned sooo much in these 5 weeks. I recommend this for novice and experienced alike, as there is something for everyone in this book.

I've known about Wireshark since it was called Ethereal, but I never used it. One reason was that I disliked running X11 on my older Mac, but also I thought that it was overkill for the limited kind of network debugging I am capable of. I simply used tcpdump and if I needed to slice and dice something, I wrote scripts to tease out whatever I needed.Silly me. Recently I ran into something

that tested my patience and required more scripting than I wanted to tackle, so I installed Wireshark. My newer Mac ran it without complaint and I immediately saw that it had the power I needed (and then some).But how to learn it? I found this book and, although the high price put me off a bit, I bought it. I spent quite a few hours reading and doing the labs and and even more happy that I finally did this. Yes, Wireshark can do things that I'll likely never need to do. But it can also do things that I DO need to do and (with the help of this book) I can do them with a mouse-click or two.Highly recommended!

My wife bought this book for my birthday and I read it over the course of a few days. It's not a big book (roughly 300 readable pages) and it's a quick read due to all of the provided screen captures and labs but I would recommend this book to anyone who's serious about learning how to analyze network traffic using Wireshark/tshark. The Wireshark 101 book provides a fast track path to analyzing traffic by taking the reader step by step through quick tips on how to operate Wireshark and tshark, as well as provide key points about certain protocol behaviors.I cannot remember seeing one technical or grammatical error throughout this book which definitely matters to me. I know mistakes happen and they aren't always caught before publishing, but to go through a book and not have to worry whether the information is accurate was a huge bonus.This book is by no means an all inclusive on how to work with Wireshark or how to analyze network traffic and it's not designed to be. However, the Wireshark 101 book will have you capturing and analyzing network traffic in a reasonable amount of time with a fair amount of confidence. I also own the Wireshark Network Analysis (2nd Edition) book and after reading this book, I can't wait to start reading it.

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