

Fundamentals of Wireshark and TCP/IP Analysis

Online Class with Laura Chappell

LEARN WIRESHARK

Learn to capture network traffic to detect the cause of network problems and identify suspicious traffic.

LEARN FROM THE BEST

Laura Chappell is consistently ranked as a top presenter at industry conferences and custom courses. With almost 30 years analyzing thousands of networks, Laura brings a set of tips and techniques that will help you analyze networks faster and more accurately.

SAVE TIME AND MONEY

Why waste time and money on airfare and hotels when you take this highly-interactive course from home or work?



- Learn to capture and analyze network traffic for troubleshooting, security, and optimization.
- In three 4-hour sessions, Laura will bring you up to speed on capturing, filtering, graphing, and automating functions in Wireshark.
- In these online sessions, Laura will walk you through the analysis processes used for ARP, IP, ICMP, DNS, HTTP, and DHCP traffic.
- The **Deep Dive into TCP** online class on May 20-23 is a great follow-up course.

Course Contents:

- Baseline techniques
- Creating custom profiles
- Capture locations and methods
- MUST learn capture filters
- MUST learn Wireshark features
- MUST learn display filters
- Tshark, editcap, and other command-line tools
- ARP, IP, ICMP, DNS, HTTP, and DHCP traffic behavior
- Essentials of TCP analysis
- Wireshark's Expert Information
- Basic and advanced graphing
- Resources for additional training

Learn key Wireshark functions and TCP/IP core elements in this highly-interactive online class featuring Laura Chappell.

Date	May 13-15
Time	9:00am – 1:00pm PST (Pacific Time)
Location	Online!*
Price	\$495 until March 15, 2019 \$595 after March 15, 2019
Register	www.chappellu.com

* We will use GoToWebinar for this course. Visit <https://support.logmeininc.com/gotowebinar/system-check-attendee> to test your system in advance of the course.

FUNDAMENTALS OF WIRESHARK AND TCP/IP ANALYSIS

with Laura Chappell

OTHER ONLINE COURSES

Deep Dive into TCP

May 20-22 - 9:00am-1:00pm PST

Price \$495 (through March 15)

Learn more and register at

www.chappellu.com.

Troubleshooting with Wireshark

June 3-5 - 9:00am-1:00pm PST

Price \$495 (through March 15)

Learn more and register at

www.chappellu.com.

ALL ACCESS PASS

Take courses whenever you want by becoming an All Access Pass (AAP) member. Pay one yearly fee and access all online recorded classes at your pace. Learn more at www.chappellu.com.

WWW.CHAPPELLU.COM

Course Content Overview

- Learn the "Golden Rule of Network Communications"
- Learn Baseline Techniques
- Effectively Name Your Trace Files
- Create Your Troubleshooting/Security/Optimization Profiles
- Compare Capture Locations and Methods (TAPs, Spanning, Direct, etc.)
- Master Capture Filters and Configure Unattended Captures
- Apply Trace File and Packet Annotations to Create Reports
- Enhance the Packet List Pane to Improve Analysis Time
- Compare Name Resolution Options
- Use the Features of the Status bar
- Filter on and Extract Conversations and Endpoints of Interest
- Master Basic and Advanced Graphing Techniques (Errors and Delays, Y-Field Calcs)
- Reassemble and Export Files
- Analyze Time (Path Latency, Application Response Times, Sudden Delays, Attack Timelines, Round Trip Times, etc.)
- Master Display Filter Tips and Tricks (Fields, Conversations, Faults, Buttons, Importing, RegEx, Membership, and more)
- Contrast Tshark and Dumpcap Command-Line Tools
- Overview of ARP, IP, ICMP, DNS, HTTP/HTTPS (TLS), and DHCP Analysis Techniques
- Analyzing TCP Traffic (Basic)
[Check out Laura's [Deep Dive into TCP](#) class.]
- Use Wireshark's Expert Information
- Identify Resources for Additional Training



"Great class, very informative. Laura is a great teacher and kept class fun and fast paced."

"Tons of great info that is relevant to my job. Thank you for your superb teaching."

"Great content and fantastic instructor."

Also from Laura Chappell

[All Access Pass Online Training](#)

[Numerous Wireshark Books](#)

[Custom Onsite Courses](#)

www.chappellu.com

Recommended Setup

- It is recommended (but not required) that you use two computers during this class. One computer to run Wireshark and follow along with Laura's demonstrations and another to watch the course.
- We will use GoToWebinar for this course. Visit <https://support.logmeininc.com/gotowebinar/system-check-attendee> to test your system in advance of the course.