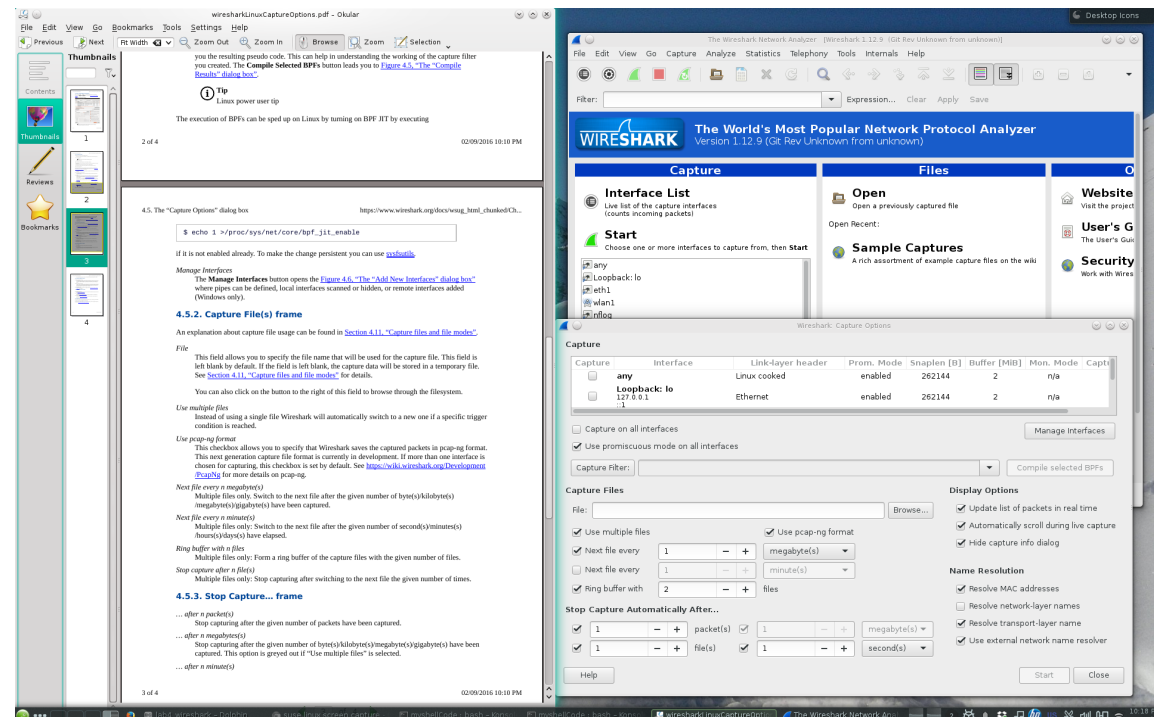




## HKUSTx: ELEC1200.3x A System View of Communications: From Signals to Packets (Part 3)

# Lab4 Wireshark Setup Help - Suse Linux

0 Votes +

discussion posted about 13 hours ago by [KarenWest](#)

This post is visible to everyone.

2 responses

[← Add a Response](#)**KarenWest**

0 Votes



about 13 hours ago



Has anyone gotten wireshark working with Suse Linux? I can't seem to start it capturing. My Linux machine is on the Wifi network.

**KarenWest**

0 Votes



about 3 hours ago



I'll try to get wireshark working again today by doing some web searches about the problems I'm having. Otherwise given no one responded on the discussion forum since I posted last night, I'll just have to forget about doing lab 4 that uses wireshark for this class. If that happens I'll be disappointed, given I've done all 3 parts of this class and all labs, but that's fine - it ends next week and I'll just continue on. I did a discussion forum search and there's not been even one post about lab 4 or wireshark. I also noticed in the post categories, there are no entries after the earlier weeks and topics of the course, so I just entered it under the "general" area. I'll post again later if I get wireshark working on my Suse Linux computer,

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but I'm a bit shocked that no one has responded on the discussion forum for this class and that no one has posted about lab 4, wireshark, etc.

Not using Suse myself but i am using another distro. Have you tried running wireshark as root? Are you selecting wlan1 as the device to capture?



Looking at your screenshot it looks like you haven't got an interface selected, that should make the start button be clickable, you should also un-check the automatically stop after boxes.

Are you getting a specific error?

posted about 2 hours ago by [John\\_M\\_H](#)

I will be working on this again this afternoon and will post more then. However, last night, I did select wlan1 as my interface. How do I run wireshark as root? I installed it with the Yast2 software management system that downloads and installs all needed software packages required by what ever wireshark version being installed. To do that, you have to enter the root password. I did see the lab description about Linux installation of wireshark that mentioned modifying permissions (setcap) but when I tried to do that (logged in at the c onsole as root) it could not find that on my distribution. Here is the output of that (and I'm not sure if this is the solution anyway, but I tried it):



```
root myshellCode $ setcap 'CAP_NET_RAW+eip CAP_NET_ADMIN+eip'
/usr/sbin/dumpcap
Failed to set capabilities on file `/usr/sbin/dumpcap' (No
such file or directory)
usage: setcap [-q] [-v] (-r|-<caps>) <filename> [ ... (-r|-<capsN>) <filenameN> ]
```

Note <filename> must be a regular (non-symlink) file.

posted less than a minute ago by [KarenWest](#)

Overview bringing all three sections together

1

? Q 7.2: HTTP uses the peer-to-peer model ?

2

Lab4 Wireshark Setup Help -  
 Suse Linux 5  
 ★ FOLLOWING

5.2 question 3b answer  
 Source port should be  
 encapsulated as A, not B.  
 means? 1

? Quiz 5.2 question 3 part a  
 answer correction 1

7.1 Quiz question 2 1

? [STAFF] Lab4 Task1 Q3 2

LAB 3 task 4 1

Quiz 7.2 Question 2 - Correct  
 Answer was marked wrong 1

Change to MATLAB questions  
 in Final Exam 3  
 BY: STAFF

Section 7 Practice Only? 2

? [STAFF] 7.2 Quiz question 1 8

6.1 Quiz 1 Grader 5

Lab 3 Task 1 Question on  
 Throughput 3  
 ★ FOLLOWING

Sliding window protocol 1

Showing all responses

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PREVIEW

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Lab 3 too easy 3

? 6.3 QUIZ QUESTION 1 2

? Download on the App Store ANDROID APP ON Google play

? Errata on Handout 6/10 ? 3

Lab Task 2