

Homework 7

Install and try out wireshark on your computer. For this exercise we do not need to worry about your interface being wireless or not. Do the following in rather quick order:

- (1) Start the capture on wireshark. (You should have tried this out before if you are new to wireshark.)
- (2) In a web-browser, go to sxca.edu.in. It is rather unlikely that you have visited this site before, despite its obvious advantages as a campus (see below).
- (3) Stop the capture.
- (4) Use the filter dns in order to identify the dns traffic.
- (5) Analyze the traffic: For each packet of dns traffic
 - (1) Determine the ip address of the DNS server and your computer.
 - (2) Show the contents of the DNS record.

You will see that the traffic between the local DNS server and your computer is often a bit more complicated than the idealistic explanation of lecture.

