CEG5103/EE5023 Assignment

NetSim ver. 12 Installation Instructions

Note: Please use the installation file below. Do not download the latest version from Tetcos.

Follow the instructions below to install NetSim on a PC with Windows 10.

Click on the link below (Ctrl + left mouse click). When requested, log on using your NUS user ID and password.

https://nusu-my.sharepoint.com/:u:/g/personal/eletck_nus_edu_sg/EYNyfmQjUT9PnQOSafDg7s4BAc6g2Ztj7c_dz_oWkQgT4A

1. Install NetSim Academic and the documentation and examples. You can omit the installation of Npcap and Wireshark. The installation procedure will take a few minutes. In the installation process, please choose manual reboot if prompted.

2. Run NetSim, enter the IP Address (10.246.112.83) of the license server, this would take you into NetSim. Note that for running NetSim, the server IP address must be entered correctly.

There are examples and PDF documents accessible from within NetSim after the installation.
You can also locate the NetSim folder on your PC and access the PDF files directly.

Note: NUS ECE has a 30-user license, so at any given time, only 30 users can run NetSim. We expect this to be enough since not all of you will be using it at the same time. Make sure you save your network design and results, and exit NetSim, when you are not using it so that other classmates get to use it. Do not wait till just before the assignment deadline to run your simulations and generate your results!

This is a contention issue, as studied in class for the wireless network context. If ALOHA does not work, we will have to implement a TDMA reservation scheme (the other schemes are too difficult to implement)!