Homework #1

☐ Overview

- Run Wireshark with different network applications and analyze them

    - Required: Web, e-mail, DNS, network games, video conferencing
    - Elective: FTP, remote login, P2P file sharing, voice over IP, video streaming, social networking, and any other application not included in these categories

- Test 7 applications in total (no more than 7)

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☐ Report

  - ■ Execution environment (HW, OS, Wireshark version, etc)

  - ■ For each application

    - • Captured GUI

    - • How you created the traffic

    - • Traffic analysis (associate with what we learned in class)

      - ✓ Ex) initialization, request, response format, etc

    - • Less than 12 pages

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□ Submission

- ▪ Deadline : Oct 18 (midnight)

- ▪ By Blackboard

- ▪ Submit a report

- ▪ You don't need to submit the captured packet files

Homework #1

□ Policy

- ▪ If any plagiarism is found, you will get 0 and more penalty

- ▪ Evaluation

  - Will be based on the correctness and depth of the analysis
  - In the case less than 7 applications are tested, -15% penalty for each will be given
  - If you submit late, you will get -20% penalty per day