

CSE590 Fall 2009 Wireless and Mobile Networks

Jie Gao*

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Due **October 20th** in class. This question has a total of 25 points. (i) You write down the solution clearly. If we can not recognize your writing then you may lose points. (ii) Avoid unnecessary details.

Homework 4

Open ended question: the Internet was designed initially for static hosts only. With laptops, PDAs, SmartPhones, there is increasing need to incorporate mobility into the network protocol design. Elaborate what you would like to do if you are asked to design a second generation IP (networking protocol). Please specify clearly your motivation (5pts), the application scenario (5pts), the tradeoff factors (5pts), the potential problems it may cause (5pts), how does this work with existing network layer (5pts). Remark that you do not need to provide a solution for all application scenarios.

Please work on this problem by yourself.

*Department of Computer Science, Stony Brook University, Stony Brook, NY 11794, USA, jgao@cs.sunysb.edu.