

Homework #2: Design the Internet, part 2

Group or Individual: Group

Read the paper called, "Extracting The Essential Simplicity of the Internet".

Assess your design against the real Internet design.

To turn in:

Write an essay about it, answering the following questions:

1. The article highlights a few essential design choices, a service model, a four layer architecture, and three mechanisms (routing, reliability, and resolution.) The article mentions several other crucial decisions. Describe TWO of them and explain how those choices have helped make the internet successful.
2. The article focuses on the rationale behind the decisions (the "why", not "how"). Explain two examples where the "why" gave you additional insight into the internet.
3. The title of the article is interesting. Explain what the authors meant by it. (Note: there is historical background for the title which you don't have to find, but if you do, it will increase your insight.)
4. What did you learn about your own design compared with the real Internet design?