

Exercise 2

Peer-to-Peer Networks, Fall 2008

Guidelines

- Group work allowed, groups of up to 3 people allowed
- Due date: 11.11.2008 at 16:14
- Exercise is worth 12 points
- What to return: Your answers as either plain text e-mail, ODT, PDF, RTF, A4 paper format, or MS Word.
- Don't forget to write all the names and student numbers on the answer!
- Address for email submissions is pervila@cs.helsinki.fi.

Question 1

Read the article “Rarest First and Choke Algorithms Are Enough”, available at <http://www.imconf.net/imc-2006/papers/p20-legout.pdf>. You should answer the following questions:

- Write a summary of the paper *in your own words*. It should at least answer the questions of what was done, how was it done, and what can be learned from it.
- What are the main results of the paper?
- What are the good and bad aspects of doing measurements about a BitTorrent-like protocol only at the client and not also at the tracker?
- Do you consider the methodology to be correct for this kind of a study? If yes, why? If not, what problems are there?
- Are you personally convinced that “Rarest First and Choke Algorithms Are Enough”? If yes, why, and if not, why not?