6.824 Spring 2015 Paper Questions

For each paper, your assignment is two-fold. By 10PM the evening before lecture:

- Submit your answer for each lecture's paper question via the <u>submission web</u> <u>site</u>, and
- Submit your own question about the paper (e.g., what you find most confusing about the paper or the paper's general context/problem). You cannot use the question below. To the extent possible, during lecture we will try to answer questions submitted the evening before.

You can also upload your questions and answers using curl:

```
## Answer goes into lecN.txt
$ curl -F file=@lec2.txt \
    -F key=XXXXXXXX \
    http://6824.scripts.mit.edu/submit/handin.py/upload
## Question goes into sqN.txt
$ curl -F file=@sq2.txt \
    -F key=XXXXXXXX \
    http://6824.scripts.mit.edu/submit/handin.py/upload
```

Lecture 4

<u>Flat Datacenter Storage</u> Suppose tractserver T1 is temporarily unreachable due to a network problem, so the metadata server drops T1 from the TLT. Then the network problem goes away, but for a while the metadata server is not aware that T1's status has changed. During this time could T1 serve client requests to read and write tracts that it stores? If yes, give an example of how this could happen. If no, explain what mechanism(s) prevent this from happening.

Questions or comments regarding 6.824? Send e-mail to <u>6.824-staff@pdos.csail.mit.edu</u>.

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