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 18

<u>Dynamo</u> Suppose Dynamo server S1 is perfectly healthy with a working network connection. By mistake, an administrator instructs server S2 to remove S1 using the mechanisms described in 4.8.1 and 4.9. It takes a while for the membership change to propagate from S2 to the rest of the system (including S1), so for a while some clients and servers will think that S1 is still part of the system. Will Dynamo operate correctly in this situation? Why, or why not?

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

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