

## CS 444/544 Spring 2017 Homework 2

Slides are due by 5pm on 14 February 2017

Presentations will be on 15 February 2017 (email me if you need to miss class on that day, and you can schedule to do it another day)

For this assignment, you will prepare a one slide, 60 second presentation about a country and any Internet censorship or surveillance (or related issues) that that country's government, corporations, or other institutions engage in. The grading standard will be “did you turn in a slide, show up, and present it, or not?”, which is a lax grading standard but the fact that the presentation is short and the grading standard is lax doesn't mean you shouldn't do an excellent job and try to teach your classmates something really fascinating. If you really do your homework and prepare, and maybe give practice talks to your significant other/roommate/labmate/whatever, you should be able to present something really cool and really fascinating in a compelling way with only one slide and 60 seconds.

A good place to start is to read the Freedom on the Net (<https://freedomhouse.org/report-types/freedom-net>) report for your country, but you should do further research from there. If you want to sign up for a country not listed in the Google Doc, that's okay but the fact that it's not listed means there's probably not an FOTN report for it so you'll need to start from somewhere else. Add the country in the Google Doc in alphabetical order. For further research about your country's Internet freedom and related issues, I recommend Google, Google Scholar, the Citizen Lab or Open Net Initiative (who may have independent reports), the Online Observatory of Network Interference, CAIDA, RouteViews, *etc.*, and if you find good general sources that other students might find helpful send it to secpriv-chats. You may run your own experiments, but only do so in compliance with University policy, Internet measurement research ethics standards, and laws (ask me if you're not sure). For example, you can run nmap but not from campus. You can run dig from anywhere you want, but don't automate it without being respectful of the network resources of others. If you find routers or filtering devices, DO NOT attempt to log into them with default passwords. Another good resource is to email me or talk to me, or get in touch with someone else who is from that country or might be able to point you in a good direction. You are expected to do your own work for this assignment, but you can seek out as much help as you like to gather information about your country.

To get full credit for this homework (there is no partial credit), you need to complete all of the following three steps and follow all instructions:

### Step 1:

I'll send out a Google Doc link where you can sign up for the country you want to present. One student only per country, and don't do any funny business in the Google Doc because all changes are tracked. Put a dash and your name to the right of the country, *e.g.*, “Country X – J. Crandall”, to sign up to present about that country. First come, first served. If someone already signed up for a country that you're dying to present something about, I *may* allow you to do the same country as long as you convince me that you'll add something really fascinating. Email me if you think that's the case, and maybe sign up for an un-spoken-for country as a backup. There is no deadline other than that if you send slides for a country you're not signed up for in the Google Doc, then you didn't do this step and will get a zero on the assignment.

### Step 2:

Prepare a single slide in LibreOffice Impress \*.odp format, with the standard dimensions. You can use

any Linux machine with LibreOffice installed (which includes all CS lab machines), or you can use Google Docs and export into LibreOffice format. The file you submit should contain only one slide (no title slides or blank slides, just the one slide you want me to show while you speak), and the file itself should be no more than 1MB. Your name must appear somewhere on the slide. You must submit your slide by email to [crandall@cs.unm.edu](mailto:crandall@cs.unm.edu) no later than 5pm on Tuesday, 14 February 2017. Failure to follow any of these instructions will mean you didn't do this step and result in a zero on the assignment. The slides will be posted on the (publicly accessible) course website, FYI. BTW, on any Linux machine you can check to make sure the file you email me is the right format like this:

```
crandall@rubicon ~/jed/444544spring2017 $ file stillmorenetworking.odp
stillmorenetworking.odp: OpenDocument Presentation
```

DO NOT compress, tar, or reformat the file in any way, just attach the \*.odp.

My advice is to not have too many words on the slide, if at all. Your name has to appear on the slide to get credit, but other than that there's no need for words unless you need to organize your own thoughts. Even if your slide is a single picture or a single graphic, that's fine. DO NOT steal pictures off the Internet without attributing them to their source properly ON THE SLIDE ITSELF.

Step 3:

In class (during the regularly scheduled class period) I'll display each slide for 60 seconds in between two 2600Hz whistles. When you see your slide come up on the screen and hear the whistle, stand up and start talking *from your seat*. Speak loudly so the whole class can hear you. You have only 60 seconds to speak, once you hear the whistle at the end of your 60 seconds stop speaking and sit down, because you're already eating into the 60 seconds of the next student (the whistle for one student to stop is also the whistle for the next student to start). If you miss class or don't present on that day (and don't get in touch with me so that it's an excused absence), you'll get a zero on the assignment. Please remain quiet while other students are presenting and save questions for the very end of class when you'll have an opportunity to ask each other questions. If you really wanted to say something and got cut off, you can also finish what you had to say at the end of class. Once all students have presented we'll basically have open discussion for the rest of the class period.