

CS 444/544 Spring 2017 Homework 4

Emails are due by 5pm on Friday, 5 May 2017

Topics for homework 4: Cybercrime, the economic impact of cybercrime, digital forensics, targeted malware and APT attacks, Tor, Internet privacy, government surveillance, or e-voting.

Students registered for 444: Find anything you can link to *via* an HTTP link (a blog post, a paper, a website, a YouTube video) about one of the above topics, and write a three-sentence (you can write more if you like) summary of it.

Students registered for 544: Find an academic (peer-reviewed) paper related to one of the above topics from 2014, 2015, 2016, or 2017 from one of the following publication venues: USENIX Security Symposium or a related workshop (like FOCI or WOOT), IEEE Symposium on Security and Privacy, ACM Conference on Computer and Communications Security, Network and Distributed System Security Symposium, Workshop on Economics of Information Security, Workshop on Privacy in the Electronic Society, DFRWS, the Privacy Enhancing Technologies Symposium, or the USENIX JETS journal. If you find a good paper in another venue, just check with me first. Write a three-sentence summary (you can write more if you like) about it. You must find (or create, by uploading a PDF and making sure you have permission and the legal right to do so) a link to a PDF of the paper that can be accessed from anywhere on the Internet, including off campus where there are no ACM/IEEE/etc. Subscriptions. For APT malware and privacy issues, you can check out the Citizen Lab website (<https://citizenlab.org/>) and choose a long, detailed report even if it wasn't published in a peer-reviewed venue. Citizen Lab reports are the only exceptions to the need for peer review and the PDF requirement. An example of such a report is:

<https://citizenlab.org/2017/02/bittersweet-nso-mexico-spyware/>

and you can see a full list here:

<https://citizenlab.org/category/research-news/reports-briefings/>

How to submit for either 444 or 544: Before the above deadline, preferably well before and not everyone doing it all at once at the last minute, send your link and three-sentence summary of it to secpriv-chat@cs.unm.edu and cc crandall@cs.unm.edu. The former is to share it with your classmates, and the latter is so I see it (just to make sure, I am on the secpriv-chat mailing list but best to send me a direct copy *via* cc'ing) so that I can grade it.

Try to avoid sending out a link someone already sent out (doing yours early is a good way to avoid this), but if you send out a link someone else also sent out that won't affect your grade.