

Privacy, Security, and Usability

Building Consensus and Minimizing Risk

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Hello! I am...

...and you are?

What Constitutes Risk?

- Data Collected?
- Who Accesses (in school and outside school)?
- Who Uses?
- Sharing?
- Interactions?
- How Long Is Data Stored?
- How Critical is the App?
- How Critical is the Data?
- There are other factors - this is a short list

<http://www.edweek.org/ew/articles/2015/10/21/lessons-learned-from-security-breaches.html>

What is Your Context?

As a school, where are you?

- password managers or post-it notes?
- what files get opened without question (send a gif in an html file with a tracking pixel)?
- how is student data transferred?
- how many of your staff could encrypt a USB key?
- breach plan?

Who Chooses Educational Software?

- What does review currently look like?
- Is there a process in place?

Building Consensus

Who Determines What Training Is Needed?

- What is the process for discussing needs related to data handling?
- How are needs assessed?
- What does “success” look like?

<http://decentsecurity.com/#/how-you-get-infected/>

Security and Privacy and Usability

Easy, Useful Tools

- Lightbeam: <https://www.mozilla.org/en-US/lightbeam/>
- * Privacy Badger: <https://www.eff.org/privacybadger>
- Firebug: <http://getfirebug.com/>
- Spoof MAC address: <https://github.com/feross/SpoofMAC>
- Browser info: <http://webkay.robinlinus.com/>

* Needs some background info/setup

Review Terms - the Quick Version

- Use the browser's "Search" feature
 - Search terms: change, changes to, notice, notification
 - Search terms: Business transfer, acquire, transfer, bankrupt
 - Search terms: personal information, childrens personal information
 - Search terms: service, partner, affiliate, share
 - Search terms: intellectual property, user submission, user content, copyright
 - Search terms: usage, aggregate, identifiable
 - Search terms: Device ID, Device user, Location, Mobile, cookie, beacon, gif, identifier
 - Search terms: download, export, portable, portability
 - Search terms: cancel, delete, viewable, visible

More info: <https://funnymonkey.com/2014/triaging-privacy-policies-and-terms-of-service>

Review Terms - the Long Version

- There is no substitute for reading the full policies
- Shortly, our question set can be used as a guide

Security/Privacy - Triage

- Can you remove the "s" in https?
- If you are ever logged in to a site and don't see https, that's a BAD SIGN

Good:  https://

Not so good:  █████.com/

- Any social media share buttons?
- Log in to the site. What trackers/cookies get placed?

<https://vimeo.com/163350044>

More Detailed Intro to Security

<https://www.graphite.org/privacy/security-primer>

What Can I Do Tomorrow?

- Browser Extensions
- “Find” Feature on Terms
- Set up test profile on Firefox:
<https://support.mozilla.org/en-US/kb/profile-manager-create-and-remove-firefox-profiles>
- Visit websites with your test profile and see what loads

Questions?

Feel free to be in touch:

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Or get involved!

<https://www.graphite.org/privacy/about/districts>

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