Milestone 2 - Completion of stable release of Security Slider configuration component.

Activities described at our proposal:

- Complete porting Security Slider code to Android.
- Perform software QA (functional and integration tests) on Security Slider functionality.

To prepare for the stable release we conducted a QA to try to catch functional and integration tests of the Security Slider implementation.

We would like to highlight two main findings in this process:

- There was some discrepancy between the values for maxVersion and Fennec version of some add-ons install manifest files (installation file of an add-on). We updated the Tor Browser Settings add-on manifest accordingly to fix the problem.
  - [https://git.synz.io/synzvato/tor-browser-settings/commit/46f3181d5890c450872298ff9c9333270430c1a5](https://git.synz.io/synzvato/tor-browser-settings/commit/46f3181d5890c450872298ff9c9333270430c1a5)

- During this period of investigation we found out that NoScript Anywhere++ (v3.5a14) - NoScript version for mobile - does not support for global HTTPS-whitelisting. This means we can't offer the option to disable JavaScript on non-HTTPS websites only. We decided to go ahead and implement it anyways - where now the JavaScript will be disable for all sites (http and https). We will be updating the description of our features for the 'Safer' mode to reflect this change.
  - [https://git.synz.io/synzvato/tor-browser-settings/commit/4360a8c653e1e048bd35b6c6660f39f196a87b3f](https://git.synz.io/synzvato/tor-browser-settings/commit/4360a8c653e1e048bd35b6c6660f39f196a87b3f)

The work done during this release can be followed at:

And you can find the release announcement on this page:
[https://github.com/guardianproject/orfox/releases](https://github.com/guardianproject/orfox/releases)

Here is a little video demo of the Security Slider (Orfox has a security feature that blocks screenshots so we took photos and video of a phone):

- Video (click on ‘view in browser’ to see full image) - [https://share.riseup.net/#TgUotlOHsbtTwn08oomFHq](https://share.riseup.net/#TgUotlOHsbtTwn08oomFHq)
Browse with Orfox
Make your mobile Web browsing experience truly your own.

Start Browsing
Orfox Settings

Security

Standard  Safer  Safest

All Orfox and website features are enabled.

Learn More

Disables website features that are often dangerous, causing some sites to lose functionality. At this safer setting:

- JavaScript is disabled by default on all sites
- Audio and video (HTML5 media) are tap-to-play
- Some fonts and math symbols are disabled

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Another activity we had for this milestone was to:

- Finalize logistics of UX workshop meetings.

We decided to organize a small-scale, short, open-ended, qualitative user test. Our metrics for success are:

- **Control:** the user understands how to change their settings.
- **Communication:** the user understands what each setting does (literally understand—“to make the setting from safe to safer, I slide this button over”, not that they understand what each setting means or how it is technically implemented).
- **Comprehension:** the user knows how the settings will affect their browsing (again, this along the lines of “this is what I want,” “this makes this feature go away and I do/don’t
like that” not that they understand how JS is a vector for exploits or even is aware of the difference between http and https websites).

- Decision: the user is able to make the decision that they want.

We are coordinating with volunteers in Brazil, India, Colombia as well as with immigrant communities in the U.S.

Our volunteers will help us test if the user interface for the security slider is easy to use and understand. We created:

- A methodology for them to follow: https://docs.google.com/document/d/1aE1bxCRdJ9u5Der2-k9i-eq8mzvyPyAdmPGlV/KyPxo/edit
- And an interview script for them to use as they conduct the tests: https://docs.google.com/document/d/1yYCLzJzuvK_0EICCiXbxQTHFJUrhHHJ_rJgdMO5AR-uA/edit

Once they have done the tests with users, we provided a template for them to use as a feedback form to submit to us the results. We hope to collect all these forms by the end of our next milestone.