

Experiment Consent Form

MPhil Project: **Coverttness benchmarking of Tor pluggable transports**

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Ethical review approved by: Department of Science and Technology Ethics Committee

The purpose of this experiment is to produce recorded network traffic that has not been obfuscated by a traffic obfuscation protocol, in order to evaluate the false positive detection rates of techniques developed to detect the presence of these protocols.

Your participation in this experiment will involve browsing the web as an anonymous user for an hour, on a computer configured to record the network traffic you generate. In order to prevent any risk of personally identifiable information being recorded, you are requested to adhere to the following privacy guidelines during the experiment:

- (1) You must not log into any internet accounts you normally have access to, but you can create new accounts with non-personally identifiable information (e.g. creating a new account to stream music from Spotify);**
- (2) You must not submit any truthful personal information through the experimental computer during the experiment;**
- (3) You must comply with university rules and the law when conducting your online activities during the experiment.**

Data generated during this experiment will be stored securely for the course of the project. After removal of unencrypted HTTP traffic, encrypted traffic generated during the controlled experiment will be made available to the public for future network security research, in accordance with departmental rules and the law on the use of data. Suitable anonymisation of the destinations of traffic will be applied prior to them being made available.

The content of the traffic will not be readable by any third party accessing the generated traffic. Typically, only metadata is studied by researchers in this field, as the adversaries assumed in these studies are not mathematically capable of decrypting the traffic content.

In addition to the gift voucher that will be provided to you, by participating you will also contribute enormously to the research of circumvention techniques against state internet censorship.

There will be no risk to your or your personal information as long as the privacy guidelines listed are adhered to. Your participation is entirely voluntary. You can withdraw from the project at any time without prejudice, now or in future.

If you have any questions in regarding to this consent form or the experiment, please contact the project student or the supervisor. Please contact the supervisor at the first instance should you have any concerns and complaints in regarding to the experiment. Contact information of the project student and the supervisor are listed at the top.

By signing this experiment consent form, you declare that:

I have read and understood the Experiment Consent Form;

I have been given the opportunity to ask questions and have had them answered to my satisfaction;

I agree to take part in this project;

I understand that my participation is voluntary and that I am free to withdraw at any time without giving a reason;

I understand that the encrypted portion of network traffic I produced during this experiment will be made available for future research.

Signed: _____

Date: ____/____/____