

Cambridge Cloud Cybercrime Centre

<https://cambridgecybercrime.uk>

Dr Richard Clayton



UNIVERSITY OF
CAMBRIDGE

Computer Laboratory

UKNOF
19th January 2016

What we are doing...

- We have 5 years funding from the EPSRC to create the **Cambridge Cloud Cybercrime Centre**
- We will leverage our neutral academic status to obtain data about cybercrime and build one of the largest and most diverse datasets that any organisation holds
- We will mine and correlate this data to extract information about criminal activity. We will learn more about crime 'in the cloud', detect it better & faster and determine what forensics looks like in this space (and where appropriate work with LEAs)
- We aim to create a sustainable and internationally competitive centre for academic research into cybercrime....
- BUT we want others to be able to play too!

What's different...

- We already get data under various NDAs which we will convert into "DAs": We aim to collect data, add value to it and then make it available to others under one (we hope) simple NDA
- We can't make the data entirely public (or open) – but we will be making it available to legitimate academics
- We aim to have a "catalogue" of data that can be used in specialist research without the need to learn all about web scraping, whois limits, deduplicating data and so on
- We aim to make it easy to set undergraduate & MSc work (and propose PhD topics) in this area knowing that it won't take two years to get the data together
- We aim to see more `_science_` by letting people run different techniques on the same data and compare results

Would you like to play ?

- Academics
 - talk to us about our datasets (or what you wished we had)
- Security industry
 - can you share your datasets with academics
 - NDAs will ensure that this will not damage your business
- Hosting, Networks
 - can academics work with you to assist your anti-abuse efforts
 - our lawyers (and our previous experience) can help you understand how you too can share data in a lawful and ethical manner
- We want to find new ways to prevent crime, to detect and deter criminals;
...and that's why society funds our work

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