World Press Freedom Day 2011

Andrew Lewman
andrew@torproject.org

2 May 2011
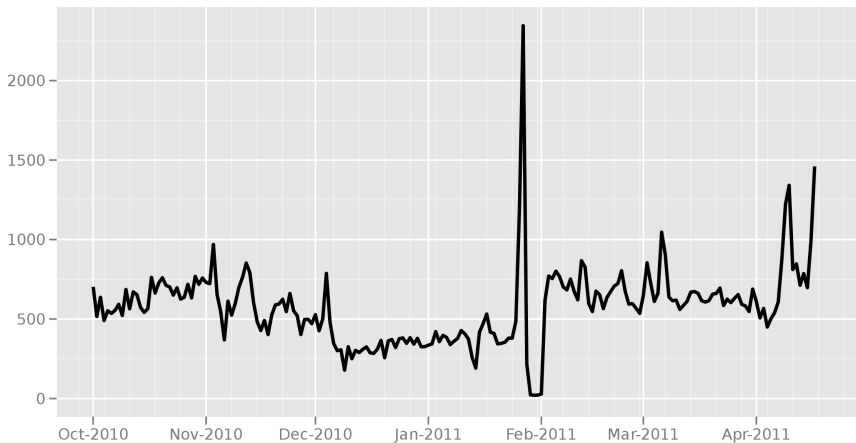

TorProject.org

Online and Offline change happens

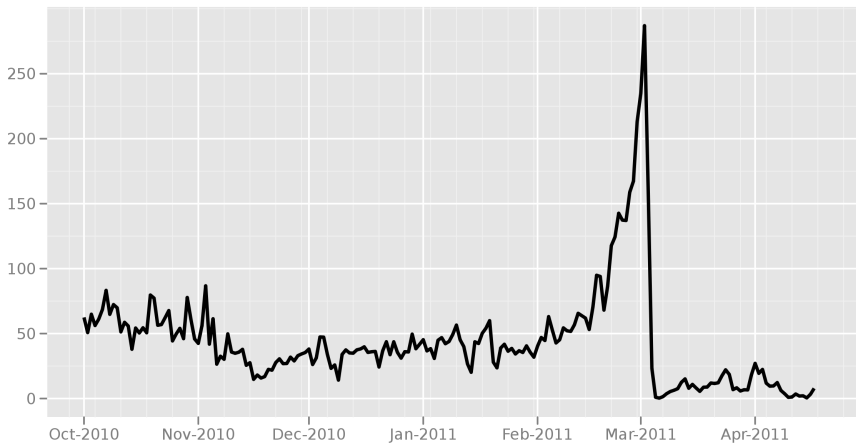# Tor usage in volatile times

Directly connecting Egyptian Tor users

The Tor Project - https://metrics.torproject.org/
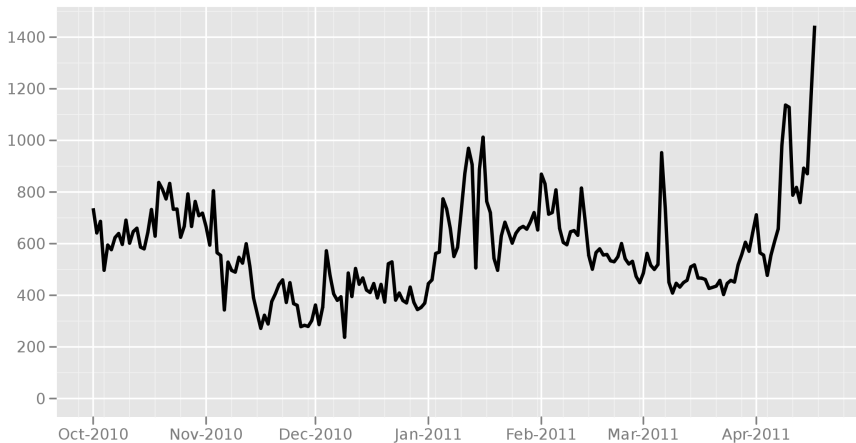
Tor usage in volatile times

Directly connecting Libyan Tor users

The Tor Project - https://metrics.torproject.org/

Tor usage in volatile times

Directly connecting Tunisian Tor users

The Tor Project - https://metrics.torproject.org/

Tor usage in volatile times

Directly connecting Iranian Tor users

The Tor Project - https://metrics.torproject.org/
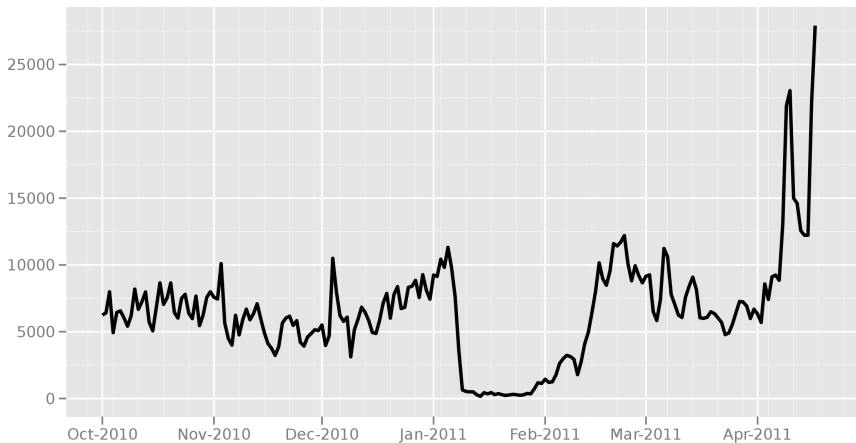
Tor usage in volatile times

Directly connecting Yemeni Tor users

The Tor Project - https://metrics.torproject.org/

...applied theory...

Internet censorship map.

Blue: No censorship
Yellow: Some censorship
Red: Under surveillance
Black: Internet black holes (most heavily censored nations)
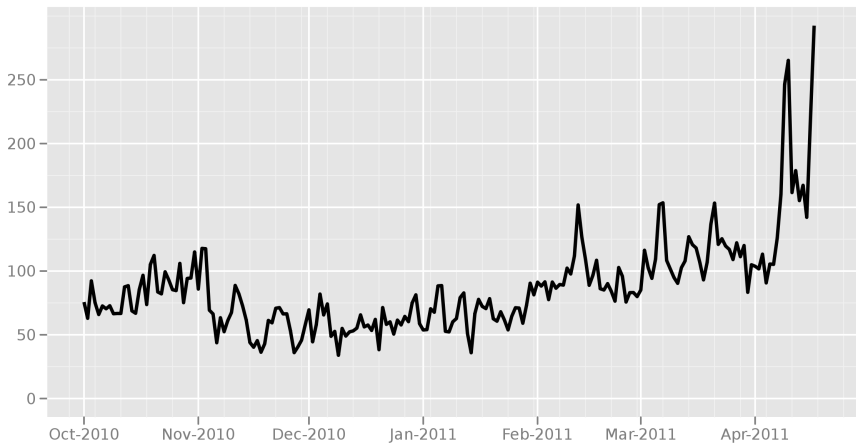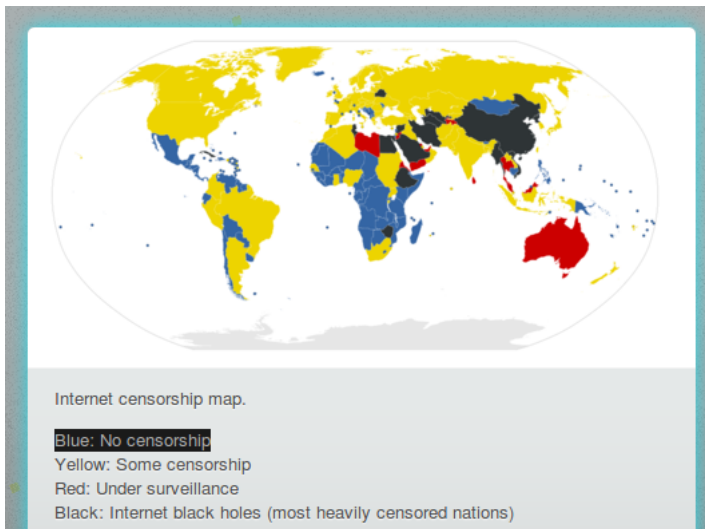
...applied theory...

```
|0.541    |          https > 50936 [SYN,
|         |(50936)   <-----------------  (443)
|0.541    |          50936 > https [ACK]
|         |(50936)   ----------------->  (443)
|0.542    |          Client Hello
|         |(50936)   ----------------->  (443)
|1.030    |          https > 50936 [ACK]
|         |(50936)   <-----------------  (443)
|1.033    |          Server Hello,
|         |(50936)   <-----------------  (443)
|1.124    |          50936 > https [ACK]
|         |(50936)   ----------------->  (443)
|2.079    |          [TCP Previous segme
|         |(50936)   <-----------------  (443)
|2.079    |          [TCP Dup ACK 12#1]
|         |(50936)   ----------------->  (443)
|5.563    |          [TCP Retransmission
|         |(50936)   <-----------------  (443)
|5.563    |          50936 > https [ACK]
|         |(50936)   ----------------->  (443)
|6.008    |          [TCP Retransmission
|         |(50936)   <-----------------  (443)
|6.008    |          50936 > https [ACK]
|         |(50936)   ----------------->  (443)
|16.025   |          Client Key Exchange
|         |(50936)   ----------------->  (443)
|17.533   |          [TCP Retransmission
|         |(50936)   ----------------->  (443)
|20.735   |          [TCP Retransmission
|         |(50936)   ----------------->  (443)
|21.127   |          [TCP Previous segme
|         |(50936)   <-----------------  (443)
|26.447   |          50936 > https [FIN,
|         |(50936)   ----------------->  (443)
|26.743   |          Encrypted Alert
|         |(50936)   <-----------------  (443)
|26.743   |          50936 > https [RST]
|         |(50936)   ----------------->  (443)
|
```

...applied theory...

'Comodo Hacker' Says He Acted Alone

The plot thickens: In an effort to back up his claims, alleged hacker dumps apparent evidence of pilfered database from breached Comodo reseller, as well as Mozilla add-on site certificate

By **Kelly Jackson Higgins** InformationWeek
April 09, 2011 12:00 AM

Comodo, a website certificate authority, revealed that nine SSL certificates were issued for fraudulent websites posing as domains for high-profile sites. Security researchers hope the incident will call attention to a certificate process they say is riddled with holes.

US company 'helped' Egypt block web

Egypt's crackdown on web users allegedly aided by US company's product.

Last Modified: 06 Feb 2011 03:23 GMT

Email Article   Print Article   Share Article   Send Feedback

When Egypt's uprising began nearly two weeks ago, there was a near-total internet blackout.

But exactly how was access cut off?

An American advocacy group called Free Press says it has uncovered a link to a California-based technology company that allegedly sold the Egyptian government equipment allowing it to track online activity.

Al Jazeera's Rob Reynolds reports.

...spring is in the air...

Copyright