CS558 Network Security

Lecture 15: Metadata and Tor



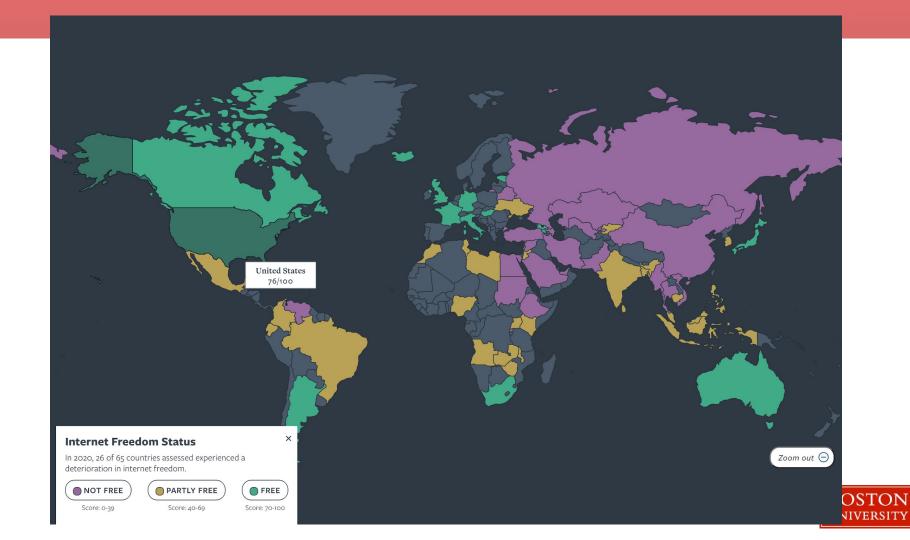


Setting the Stage for Censorship Circumvention



(2) (an you get to any donan?





Data vs Metadata

Search: Cute dogs

+ 1 love You"

" | Hate You "

18 relatives

Amy infratra Sende recom

device infractions length of ms 9

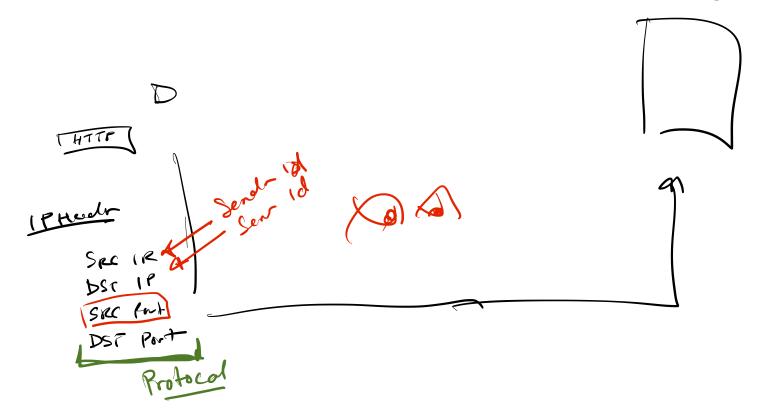


"We kill people based on metadata."



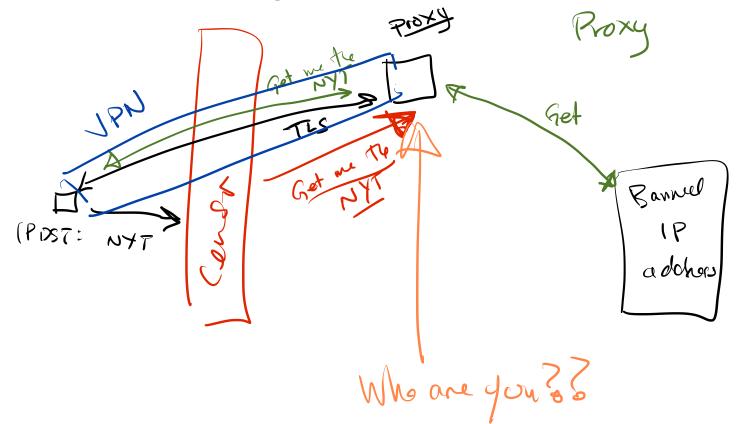


Internet Metadata -- IP Address Leakage





IP Address Leakage is Inherent?





TLS Metadata -- Server Name Indications (SNI)

Content pelvery hetromas CDN

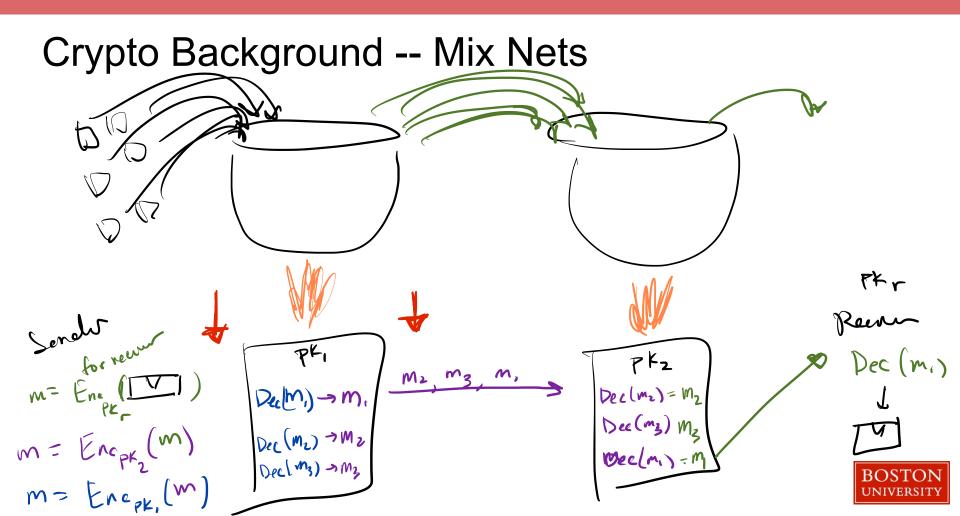


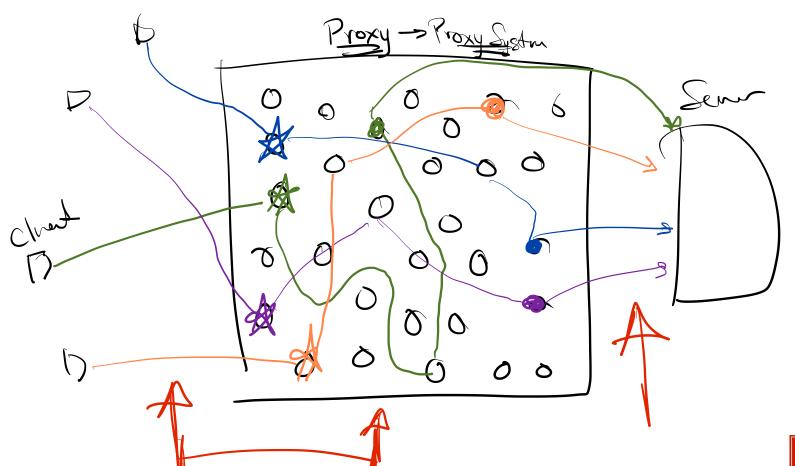
Hiding IP Address Leakage



Applying Proxies/VPNs A Vide 18 metadente Proxy is outside of George wall







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Tor -- The Mix Net Perspective

