GlobaLeaks

A brief analysis of whistleblowing and GlobaLeaks

What we want to do

- **Develop** a platform for interaction between whistleblowers, editors and node maintainers

- **Easy** setup and maintenance
  - Allows a diversification of leak sites based on geography and areas of expertise

- Build a knowledgebase on setup, maintenance and promotion of the local leak sites for the **node maintainer**

- Knowledgebase for **whistleblower** support

- We are all **random GlobaLeaks contributors**.

LeakDirectory.org

Different kinds of Leak Sites

    Editing & publishing leak site

    Raw data publishing leak sites

    Leak amplification leak sites

Different leak sites have different risk levels

It is a collective effort to create an analysis of the different existing:
- leak sites
- whistleblowing organizations
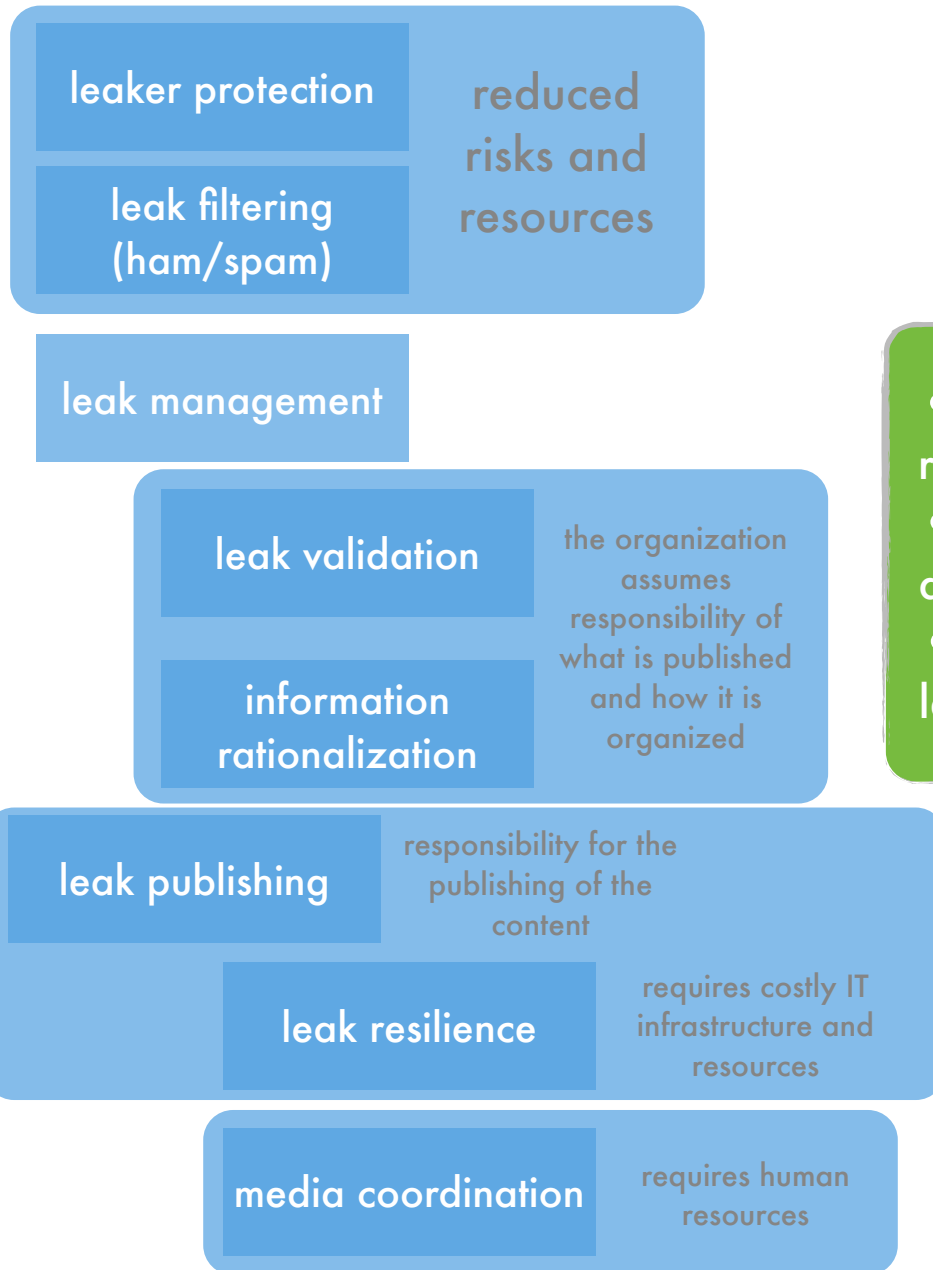- whistleblowing activities
- whistleblowing laws
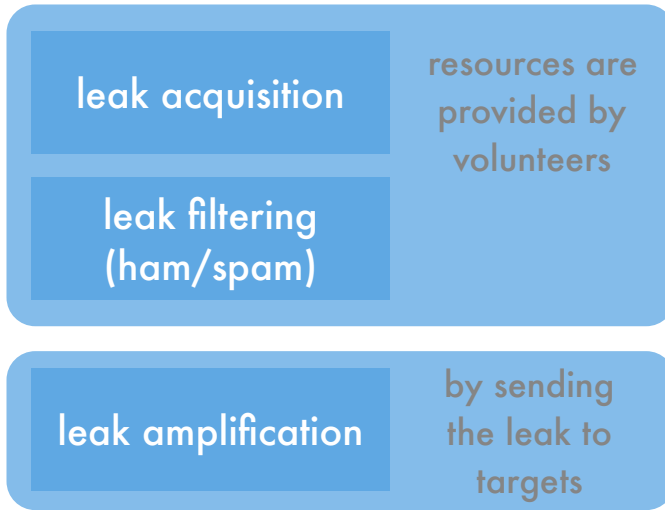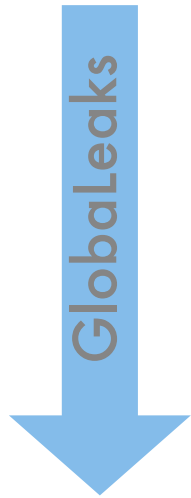
GlobaLeaks: Disclaimer

- We do not receive leaks and we do not publish leaks

- We are developing a software and designing a leaking methodology

- PLEASE DO NOT SEND US YOUR LEAKS!

GLOBALEAKS

Wiki Leaks workflow

leaker protection

reduced risks and resources

leak filtering (ham/spam)

leak management

leak validation

the organization assumes responsibility of what is published and how it is organized

information rationalization

leak publishing

responsibility for the publishing of the content

leak resilience

requires costly IT infrastructure and resources

media coordination

requires human resources

- The organization takes responsibility
- Can be easily taken down by authorities (or censored)
- Does not scale up to a regional level

GLOBALEAKS

leak acquisition

resources are provided by volunteers

leak filtering (ham/spam)

leak amplification

by sending the leak to targets

• Democratic tool for democracy
• Secure bridge between leaker and target
• Does not take responsibility
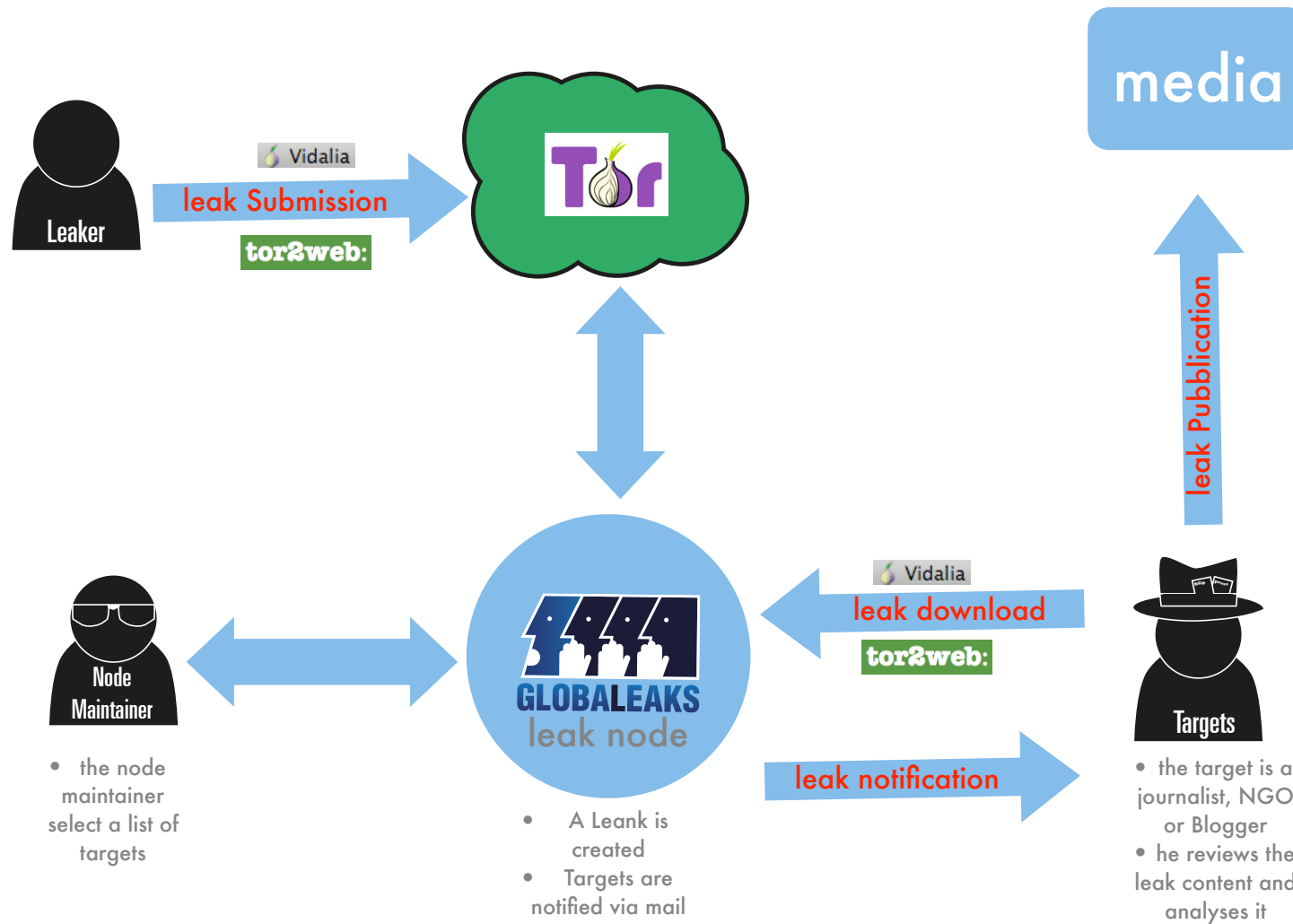• Scale up to regional leak level
• Takedown resistant

leak validation

information rationalization

qualified and professional targets will work together to classify and organize leaks

NGO Journalists Activists Bloggers

leak publishing

will be handled by the interested media

regional or interest specific coverage

based on the leak importance/type the interested target will be contacted

GlobaLeaks: goals

- Develop a platform for interaction between whistleblowers, editors and node maintainers

- Easy setup and maintenance
  - Allows a diversification of leak sites based on geography and areas of expertise

- Knowledgebase on setup maintenance and promotion of the local leak site

- Knowledgebase on leaker support

GlobaLeaks: information flow

media

Leaker

Vidalia
leak Submission
tor2web:

Tor

leak Pubblication

Node Maintainer

Vidalia
leak download
tor2web:

GLOBALEAKS
leak node

leak notification

Targets

- the node maintainer select a list of targets

- A Leank is created
- Targets are notified via mail

- the target is a journalist, NGO or Blogger
- he reviews the leak content and analyses it

GlobaLeaks: The whistleblower

- Leaker education

- If the leaker is smart he will be given all the information and technologies to stay safe

- Ideally a leaker will connect via a tor client
  - Or simply with tor2web

GlobaLeaks: The Leak Node

- Easy Setup even for a non-technical crowd

- No payment, or domain names

- Running as Tor Hidden service

- A web interface

GlobaLeaks: The Leak Node

- Knowledgebase for the leaker

- Leaks are tagged

- Each leak node, contains a target list with associated tags

- Based on the tags that are selected by leaker, the node will notify the required targets

- The targets are notified with a leank

GlobaLeaks: Node maintainer

- Customize leak site presentation (graphical appearance and some content)

- Selects the target list based on the leak nodes interests and crowd

- He can also be in the list of the targets

- He will also carry on publicity campaigns to promote his leak site

GlobaLeaks: Leanks

- Leak Link

- The method through witch a target perceives a leak

- A bit.ly style URL unique for each target

- They are dispatched via email (in a future possibly with other methods)
    - Random delay between each dispatch

- They expire after a fixed or customizable amount of clicks and amount of time
    - To avoid leak link sharing
    - Once expired a blank page is returned

GlobaLeaks: Leanks

- A target can add a password to his leank page, but this is disabled by default

- Two types of leak pages, one containing the actual material the other containing a status page

- The status pages is:
  – used to monitor the impact of the leak
  – useful for a leaker, who can see how many people have downloaded the leank (the risk is higher)

- The actual leak (can be multiple files) is distributed in a packaged format (.zip)

GlobaLeaks: Leanks

GlobaLeaks: Leanks

- It also provides a channel through witch targets can communicate
  - Integrated comment functionality
  - A leaker can also visit the status page and ,knowing the risks he will face by doing so, talk with the target and give more details on the leak
  - Discussion channel for leak targets

GlobaLeaks: Organisation

- Being part of the leak process will bring some sort of problems

- By splitting responsibility we demotivate attackers to plan an attack strategy

- There are no specific roles (we are all Random GlobaLeaks contributors)
  - Spokespeople are randomly rotated
  - Code produced is Free Software
  - All encryption and security technology are community produced and tested free software

Conclusions