DUST

Your Rss Feed belongs to you!

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Once upon a time....
… and we believed it

- Internet is a space of freedom
- All opinions are allowed
- Freedon for news
- Nobody controls Internet
- Neutrality
- Anonimatry
- No Rules
- ....
We lived in the age of Aquarius
Our biggest problem: Trolls
..and we managed as cultured people
But them....
...and we leaved out Matrix
We don´t like you!

We are currently under another DDOS attack.

1:04 PM Nov 30th, 2010 via web
Retwitteado por 100+ personas

wikileaks
WikiLeaks
We don´t like you!

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**Wikileaks kicked out of Amazon's cloud - BOYCOTT AMAZON**

Krop | 01.12.2010 21:24 | Other Press | World

Amazon took less than a day to bow to pressure and stopped hosting Wikileaks. The best response is to boycott Amazon in response.

The Wikileaks website migrated to Amazon's cloud hosting service yesterday after being hit by a distributed denial of service (DDoS) attack. Amazon decided to discontinue serving the controversial website this morning in response to pressure from critics, including prominent members of Congress.

Wikileaks has received significant attention over the past week after publishing thousands of confidential diplomatic cables between the US State Department and embassies around the world. The documents, a portion of which are classified, expose US intelligence gathering efforts and details about sensitive foreign policy issues. The response from various US government officials has ranged from panic to outrage.
We don´t like you!
We don´t like you!

After PayPal, MasterCard Dumps Wikileaks

By Priyanka Banerjee | December 7, 2010 6:34 AM EST

After Paypal and Swiss authorities closed the Wikileaks' accounts, Mastercard has followed suit and refused to provide financial services to the whistle-blower website.

“MasterCard is taking action to ensure that Wikileaks can no longer accept MasterCard–branded products,” said a spokesperson for MasterCard Worldwide, according to the CNET website.
4n0ym0us
HBGary Ownage

- Backdoors:
  - Task By 12 monkeys
- Fake FaceBook profiles
- Viral propaganda on Internet
Internet has weaknesses

• **Network connections**
  – Great Wall Firewall in China
  – BGP Attack in Egypt

• **DNS systems**
  – Wikileaks.org
  – Rojadirecta.org

• **Laws,**
  – Every Country
  – International Laws
Spain: Our politicians...
Aren´t you somehow …..?
How to shout you off?

• **GOAL:** To disconnect your audience.

• **HOW?**
  - Taking the root off
    • (owning the system)
  - Making it unavailable
    • D.O.S.
  - Making it unlocalizable
    • Closing the domain name
    • Blocking service accounts
      – Facebook
      – Twitter
      – Google...
    • Infosec war (Banning from web searchers)
  - Throwing on it the law
Some fixes: OpenNIC

Welcome to OpenNIC

OpenNIC (a.k.a. "The OpenNIC Project") is an organization of hobbyists who run an alternative DNS network. OpenNIC is owned and operated by the OpenNIC community. Membership is open to all who share an interest in keeping DNS free for all users. Our goal is to provide you with quick and reliable DNS services and access to domains not administered by ICANN.

OpenNIC provides resolution to all ICANN domains as well as OpenNIC’s own TLDs:

.geek, .free, .bbs, .parody, .oss, .indy, .fur, .ing, .micro, .dyn and .gopher
A small tweet turned into a lot of interest. We haven’t organized yet, but trying to. The background for this project is that we want the internet to be uncensored! Having a centralised system that controls our information flow is not acceptable.

By using existing technology for de-centralisation together with already having a crew with skilled programmers, communicators and network specialists, an alternative system is not far away. We’re not going to re-invent the wheel, we’re going to build on existing technology as much as possible.

There will be a press release shortly with more details.

If you’re interested in talking to us, we’re at the IRC channel #dns-p2p on EfNet.
Workarrounds: OSIRIS CMS

serverless - anarchist - anonymous - unbreakable

Osiris is an engine that makes possible to build anarchic forums and portals where members directly choose rules and conventions by themselves.
But, what happened if you...
Watch out what you say...

Blogger Content Policy

Blogger is a free service for communication, self-expression and freedom of speech. We believe Blogger increases the availability of information, encourages healthy debate, and makes possible new connections between people.

We respect our users' ownership of and responsibility for the content they choose to share. It is our belief that censoring this content is contrary to a service that bases itself on freedom of expression.

In order to uphold these values, we need to curb abuses that threaten our ability to provide this service and the freedom of expression it encourages. As a result, there are some boundaries on the type of content that can be hosted with Blogger. The boundaries we've defined are those that both comply with legal requirements and that serve to enhance the service as a whole.

Content Boundaries

Our content policies play an important role in maintaining a positive experience for you, the users. Please respect these guidelines. From time to time, we may change our content policies so please check back here. Also, please note that when applying the policies below, we may make exceptions based on artistic, educational, documentary, or scientific considerations or where there are other substantial benefits to the public from not taking action on the content.
If you have nothing to hide therefore you have nothing to fear

... until we change the policy
Watch out what you say...

**Hate Speech:** We want you to use Blogger to express your opinions, even very controversial ones. But, don't cross the line by publishing hate speech. By this, we mean content that promotes hate or violence towards groups based on race, ethnicity, religion, disability, gender, age, veteran status, or sexual orientation/gender identity. For example, don't write a blog saying that members of Race X are criminals or advocating violence against followers of Religion Y.

**Crude Content:** Don't post content just to be shocking or graphic. For example, collections of close-up images of gunshot wounds or accident scenes without additional context or commentary would violate this policy.

**Violence:** Don't threaten other people on your blog. For example, don't post death threats against another person or group of people and don't post content encouraging your readers to take violent action against another person or group of people.

**Copyright:** It is our policy to respond to clear notices of alleged copyright infringement. More information about our copyright procedures can be found here. Also, please don't provide links to sites where your readers can obtain unauthorized downloads of other people's content.

**Personal and confidential information:** It's not ok to publish another person's personal and confidential information. For example, don't post someone else's credit card numbers, Social Security numbers, unlisted phone numbers, and driver's license numbers. Also, please keep in mind that in most cases, information that is already available elsewhere on the Internet or in public records is not considered to be private or confidential under our policies.

**Impersonating others:** Please don't mislead or confuse readers by pretending to be someone else or pretending to represent an organization when you don't. We're not saying you can't publish parody or satire - just avoid content that is likely to mislead readers about your true identity.

**Illegal activities:** Don't use Blogger to engage in illegal activities or to promote dangerous and illegal activities. For example, don't author a blog encouraging people to drink and drive. Otherwise, we may delete your content. Also, in serious cases such as those involving the abuse of children, we may report you to the appropriate authorities.
Your RSS is under surveilliance

Enjoy but... I am reading your RSS
From blogger to reader

- Domain name
  - Browsing the web
- RSSSuscriptions
  - Readers connected to the XML Feed
- Author?
  - Blogger system account
  - Domain name
  - Http RSS Feed
Un informático en el lado del mal

Feed Stats Dashboard

Earn money from all that traffic up there! Your posts pay off with relevant ads from AdSense.

Wednesday, March 2, 2011

10,678 subscribers
It they close your blog?

- If blog is taken down you can change the feed, but if you got the feed with them..
Silence... Calm...
DUST: Redundant Feeds by Http & P2P

• RSS Feed PGP-signed by P2P.
• RSS Feeds reader from a source
  – Http (multiple-ones)
  – P2P (multiple-Public PGP Keys)
• Republish of content
  – RSS Feed
  – Just posts or comments
DUST: Redundant Feeds by Http & P2P

- RSS Feeds are PGP–signed
  - From the web
    - To create another communication channel.
    - From Internal servers:
      - your own computer blog system
      - Local files
  - Any XML RSS Feed in disk.
  - Any sent–by–email RSS feed.

(Not a public IP address to be DOSed nor a domain name to be closed)
DUST: Redundant Feeds by Http & P2P
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- Feed is distributed by P2P networks
  - POC: Right now only in GNUTella (serveless)
- Different methods
  - Feed RSS with linked pgp–signed files
  - Feed RSS with embbeded files
  - Only posts with embbeded dfiles
DUST: Redundant Feeds by Http & P2P

- Anyone can re-publish the RSS Feed
- Anyone can re-publish posts
- Anyone can follow a channel of a PGP Key
- Everybody shares downloaded feeds
- Anyone can re-sign the information
  – Multiple files (File Pollution)
DUST: Subscripción a Feeds RSS

- HTTP Suscription
- DUST Suscription
  - A clave PGP
  - A clave y Canal
Hola amigos enRooted, espero que los que estéis allí en las conferencias lo estéis pasando genial y os estéis divirtiendo de lo lindo [SPAM: No olvidéis comprar vuestra camiseta de la FOCA!!!] con las charlas de la jornada de hoy, con los amigos de las conferencias y con la cresta que se ha puesto "ya sabréis quién de Leon".

Mientras vosotros andáis por allí, en Informática64 estamos apretando los dientes para que DUST esté presenteable para la sesión. Esta sera la primera vez que lo dejamos ver, al igual que la FOCA 2 fue vista por primera vez hace un año allí, hemos querido que este año en la Rooted hubiera alguna charla nueva, con lo que estamos corriendo para que esté a tiempo. Es decir, estamos en la fase esa que todos conocéis de: "¿Por qué coño da ese error? En mi equipo funciona!"

No obstante, quiero dejaros un par de capturas para que vayáis abiando boca sobre lo que veréis en la RootedCON mañana a las 13:00 horas y luego podréis leer en el blog.

DUST: RSS Feeds Reader
DUST

• Automatically detect redundant sources by the XML file of the RSS Feed:
  – HTTP -> New URL to download copies.
  – DUST -> New P2P/PGP channel

• Automatically import sources from Google Reader
  – Easy to migrate
DUST: Meanwhile ...under the hood
DUST: under the hood

- P2P connections
- Searching using GNUTella
  - SHA1 (Public PGP)
  - Channels/PGP
    - Size limits
    - PGP checks
    - If rogue node then jump!
- XML files are server via Http
- Port configuration
- Shares all downloaded feeds
Demo
DUST is in beta, but needs users

- Let's do something cool for social-media-victims…

![Image of people in costumes]
DUST: Services

• Send us your PGP-signed RSS feed and we republish it on P2P network
• Read a feed, and share it via DUST
• Dust is in Java, help us to improve it.
• Open Source
• Let’s control our channels…
Gracias!

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