Cybercrime In The Deep Web

Marco Balduzzi, Vincenzo Ciancaglini Black Hat Europe 2015



About us

Dr. Marco BALDUZZI

- MSc in Computer Engineering
- Ph.D. in System Security with
 ~15 peer-reviewed papers
- 13+ years experience in IT
 Security -- Consultant, engineer and researcher
- Turned my hobby into my profession
- Sr. Research Scientist for Trend Micro
- Bridge scientific research and industry needs
 - Veteran speaker in major conferences with 50+ talks

Dr. Vincenzo CIANCAGLINI

- M.Sc. in Telecommunication
 Engineering
- Ph.D. in Computer Networking,
 Peer to peer networks and next generations protocols
- 10+ years experience in R&D
- Sr. Research Scientist for Trend Micro
- Development of novel proof of concepts and complex systems



Roadmap

OIntroduction Deep Web Analyzer (DeWA) • Data collection Data enrichment • Storage and indexing Illegal Trading Data Analysis Malware Conclusions

Deep Web: Internet not indexed by traditional search engines.

Dark Net: *Private overlay network.*

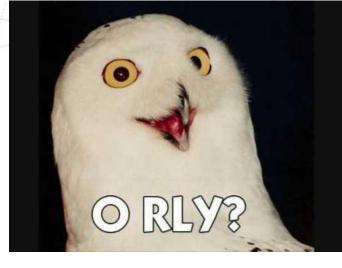
Dark Web: WWW hosted on Dark Nets.





The Deep Web is vast. Thousands of times larger than the surface web.

Alex Winter, Deep Web Documentary, 2015



The Deep Web is vast. Thousands of times larger than the surface web.

Alex Winter, Deep Web Documentary, 2015

Our research focus

Infrastructure resilient to LE takedowns
 Marketplaces for cybercrime goods
 Safe haven for information
 exchange and coordination



Cyberterra Mean Time Saturnday 22 Kurosawa 2015 @ 535



hame.space

Rogue TLDs

- Cesidian Root
- OpenNIC
- NewNations

• ...

Dark Web

- TOR
- I2P
- Freenet



Custom DNS

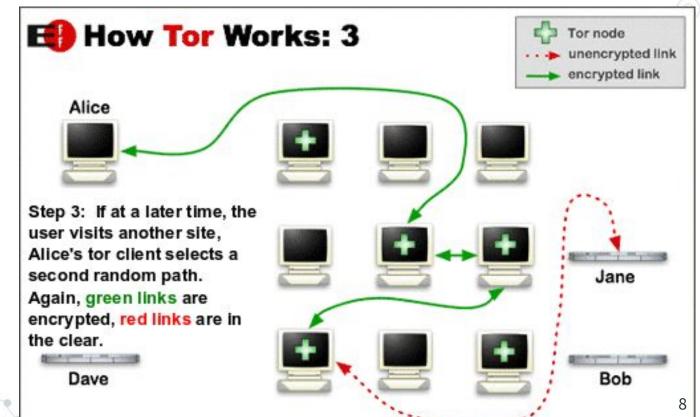
- Namecoin
- Emercoin



TOR

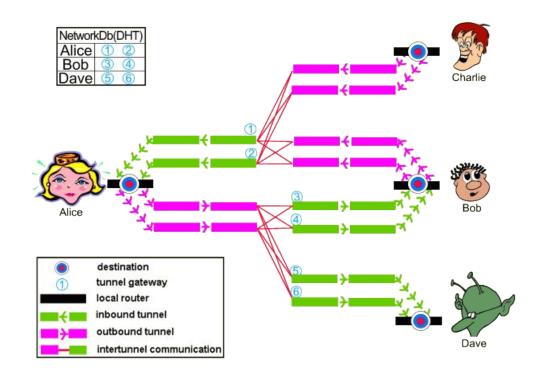
- First alpha in 2002
- Initially used to browse anonymously the Surface Web
- Hidden services -> effective Dark Web
- Onion routing: multihop routing with with host key

encryption.



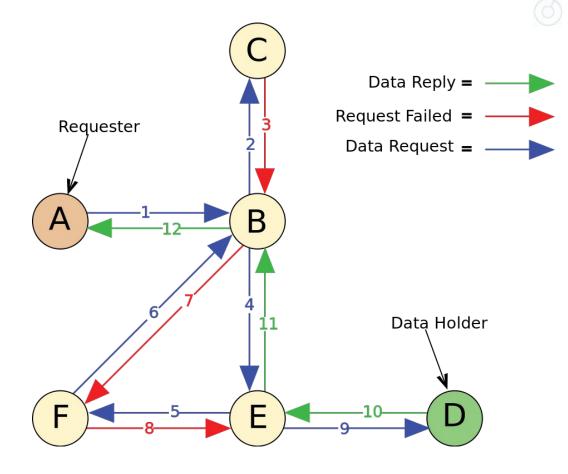
I2P

- First beta in 2003
 - Full Dark Net, no anonymous browsing to the Surface Web
- Garlic routing: multiple encrypted tunnels, multiple layers of encryption (transport, tunnel, path)



Freenet

- Oldest one: summer of 1999 (father of I2P)
- Content distribution and discovery, no service hosting
- Gossip protocol to lookup a resource (i.e. web page)



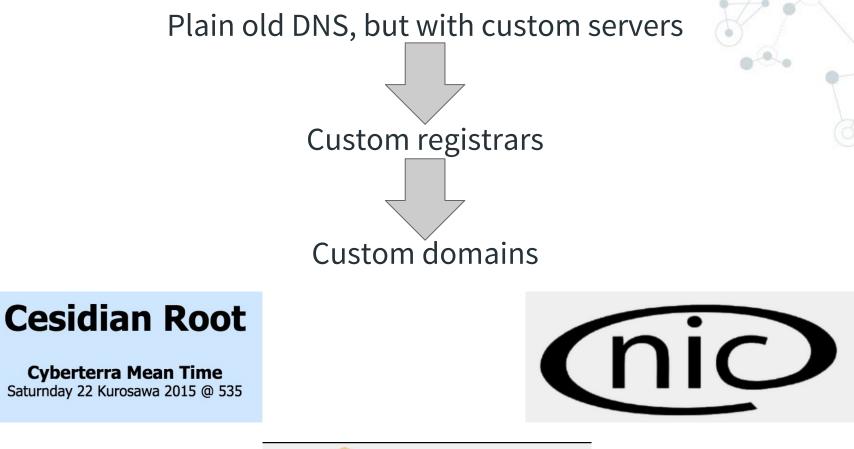
Namecoins, Emercoins

Blockchain-based domain name server
 Think bitcoins, but instead of payment transactions, DNS registrar transaction

Distributed
 Decentralised
 No regulating institution



RogueTLDs & PrivateDNSes

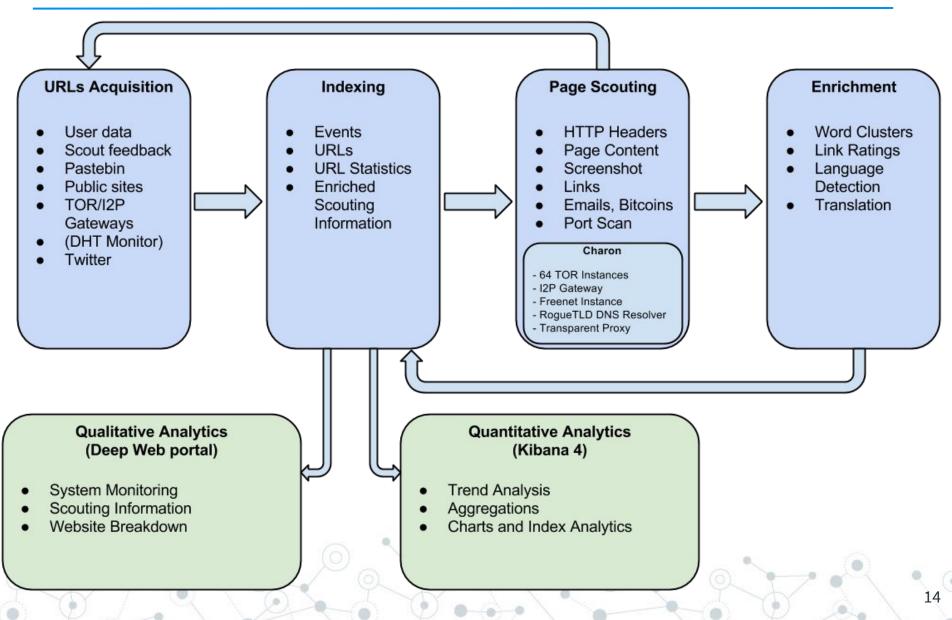




Roadmap

Introduction **O Deep Web Analyzer (DeWA)** Data collection Data enrichment • Storage and indexing Illegal Trading Data Analysis Malware Conclusions

System Overview

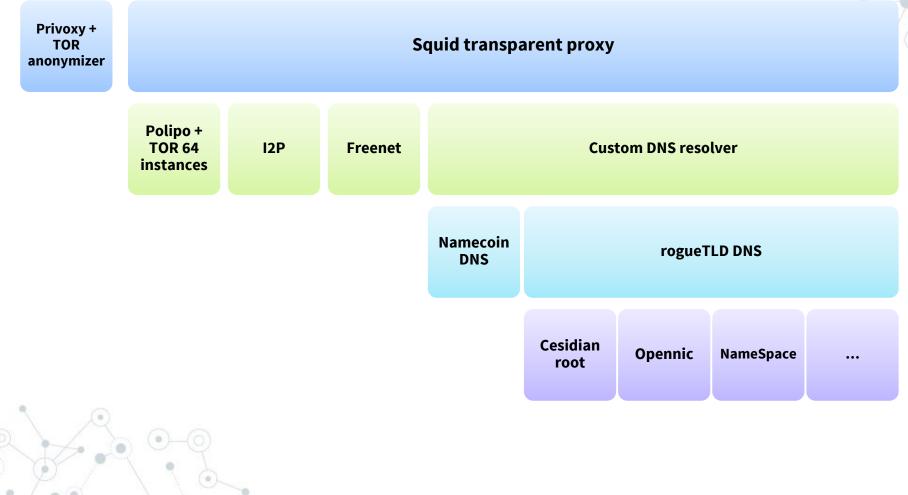


Data Sources

User data	Pastebin sites	Twitter (1% feed)	Reddit
URL listing sites	TOR	I2P host	Scouting
	gateways	files	feedback



Deep Web Gateway



Page Scouting



Headless Browser

- Scrapinghub's Splash
 - QTWebkit browser
 - Dockerized
 - LUA scriptable
 - Full HTTP traces
- Crawler based on Python's Scrapy + multiprocess + Splash access
 - Headers rewrite
 - Shared queue support
 - Har log -> HTTP redirection chain
 - Extract links, emails, bitcoin wallets



Data Enrichment

Embedded links classification (WRS)

- Surface Web links
- Classification and categorisation

Page translation

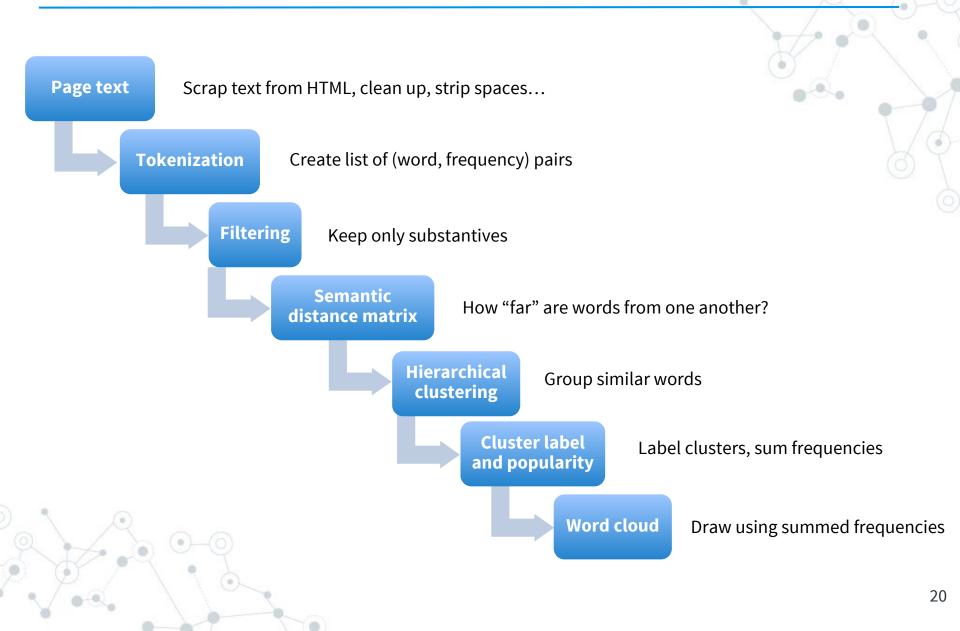
Language detectionNon-English to English

Significant wordcloud

- Semantic clustering
- Custom algorithm



Significant Wordcloud



Example: Russian Forum

General information

Title	Правила — Регистрация — Russian Silkroad
Page MD5	3707c80ccd99134678d6ad611bdee86f
Page size	6911

Wordcloud (Top 20 words)



Russian Silkroad Анонимная автоматическая торговая площадка

Форум Правила Регистрация Вход

Вы не вошли. Пожалуйста, войдите или зарегистрируйтесь.

Новости

Futurama - Bender`s Game. Угадай курс биткоина и получи приз от магазина!

Kushmann's Ganja - Москва - Шишки Royal Canadian Наze - один из любимых сортов Snoop Dogg и Dr. Dre. Готовые клады в центре Москвы.

Night City Light's - Москва - Амфетамин. Готовые клады.

Внимание - Приглашаем продавцов ПАВ с качественным товаром. Для тех, кто уже работает на других площадках, специальные условия. По вопросам открытия магазинов пишите в личку RuSilk

中中中

Russian Silkroad → Регистрация → Правила

Регистрация на Russian Silkroad

Для регистрации необходимо согласиться с правилами форума ниже.

Правила ресурса

Форум и его сервисы полноценно работают без использования JavaScript.

Продажи производятся через систему автогаранта, требуйте от продавцов её использование. Для покупателей услуга бесплатна.

Данный ресурс предназначен для покупки, продажи любых товаров, кроме явно запрещенных.

При помощи партнерской программы любой участник ресурса может зарабатывать на привлечении покупателей, получая в последствии процент с каждой совершенной покупки привлеченным рефералом.

Запрещено

- 1. Разжигание межнациональной вражды.
- 2. Вынос информации из закрытых разделов форума.
- 3. Политика в любом ее проявлении.
- 4. Попытки продажи одного ПАВ под видом другого.
- 5. Оставление отзывов без реальной покупки через торговую систему площадки.
- 6. Регистрация провокационных, а также схожих с никами администрации и других пользователей.
- 7. Оскорбление других пользователей. Провоцирование ругани (трололо в любых вариантах).
- 8. Обсуждение действий администрации ресурса и его правил.

Торговля разрешена всем, кроме:

Collected Data

Running since 11/2013 (2 years) 40.5 M Events 611,000 URLs 20,500 domains

Collected Data

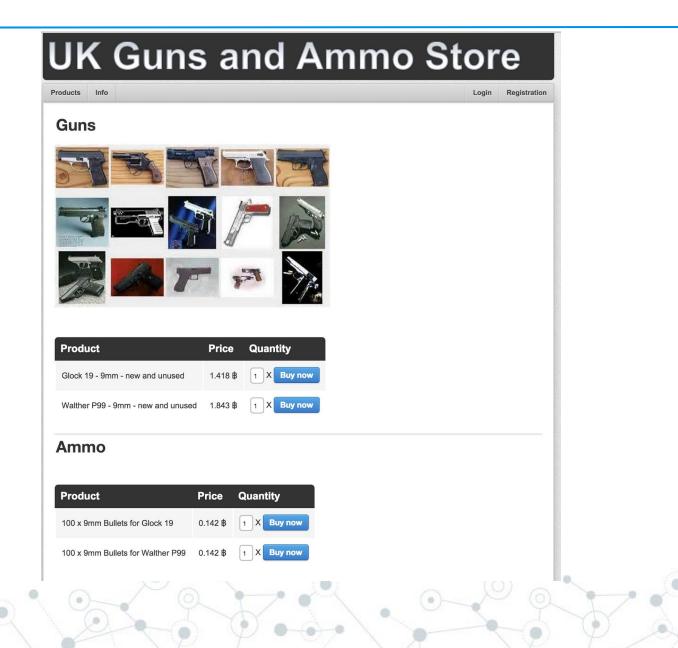
Source	# events/hour	# events/day	total events	first seen	last seen
Scouter	649	649	38,578,152	2014-06-06, 16:09	2015-10-12, 10:22
TOR Gateways	21,228	21,228	779,169	2015-05-08, 13:00	2015-10-11, 18:10
I2P Registries	1,280	1,280	368,015	2015-05-08, 15:58	2015-10-11, 18:10
SPN data	48	456	341,333	2013-11-12, 18:29	2015-10-12, 10:53
Pastebin	1	27	16,685	2013-11-19, 15:32	2015-05-11, 07:48
Reddit	543	543	15,466	2015-05-07, 20:03	2015-10-12, 10:54
Twitter	1	5	70	2015-05-08, 20:00	2015-10-11, 18:10



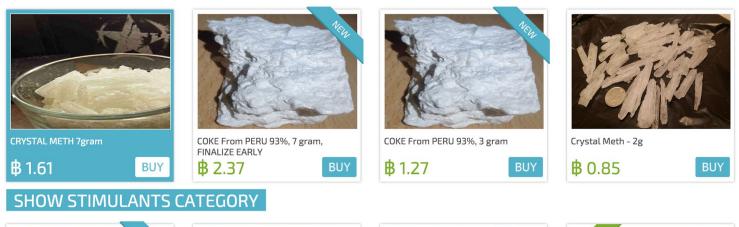
Roadmap

Introduction Deep Web Analyzer (DeWA) Data collection Data enrichment Storage and indexing **O Illegal Trading** Oata Analysis Malware Conclusions

Guns



Drugs! Drugs! Drugs!





Passports and Fake IDs



State of the second	the second second
State of the state	CONSTRUCTION OF
A STATE OF STATE	Strate Car
and the second	all a set
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Se 120 / 18
A 100000 10000	02 100
Aller Contraction	Contraction of the second
Lafe Press	1 Bar
11 married Bal	S.H. S.
17	Sector and
0/2/200	and a
19010 IC	162 6328
al Establish	365 41.4
100 0 13 2 -	1 23.20 1
CLASSING FT	
1812121668 1-1	19 1980
1 - Barrower Star St	NOR
and spector	CONTRACT OF
100000 C	COLUMN 1
and the second second	Contraction of the local sectors of the local secto
Contract No.	
And the second s	and the second s
1000	and the second sec
And in case of the local division of the loc	
	and the second se
and the second se	and the second se
-	and the second se

Country	Price for Passport	Price for Passport + Driving license	Price for Passport + ID card	Price for Passport + Driving license + ID card
Australia	600 Euro	700 Euro	700 Euro	800 Euro
Belgium	500 Euro	600 Euro	600 Euro	700 Euro
Brazil	400 Euro	-	<u>+</u> -	-
Canada	600 Euro	700 Euro	700 Euro	800 Euro
Ireland	500 Euro	600 Euro	600 Euro	700 Euro
Italia	550 Euro	650 Euro	650 Euro	750 Euro
Finland	500 Euro	600 Euro	600 Euro	700 Euro
France	600 Euro	700 Euro	700 Euro	800 Euro
Germany	600 Euro	700 Euro	700 Euro	800 Euro
Malavsia	450 Euro	550 Euro	550 Euro	650 Euro
Netherlands	600 Euro	700 Euro	700 Euro	800 Euro
Norway	000 Euro	750 Euro	750 Euro	850 Euro
Poland	500 Euro	600 Euro	600 Euro	700 Euro
Portugal	500 Euro	600 Euro	600 Euro	700 Euro
Spain	550 Euro	650 Euro	650 Euro	800 Euro
Switzerland	650 Euro	750 Euro	750 Euro	850 Euro
Sweden	550 Euro	650 Euro	650 Euro	750 Euro
United Kingdom	650 Euro	750 Euro	-	-
USA	700 Euro	800 Euro	800 Euro	900 Euro

For some countries we have an unique option to register passports in official government department databases. To get more details please contact with our manager: <u>documents.service@safe-mail.net</u>

Additional services	Price for one unit
Documents duplicating	extra 100 Euro
Visa/stamps affixion	extra 25-110 Euro

Prices on specific services like producing passports and documents for countries not listed above, duplicates, stamps, diplomatic passports and others should be discussed with our operator and may be variable.



Counterfeit Money

HQER - High Quality Euro Replicas / Counterfeits

Products Info

50 EURO

Login Register

Counterfeit 50 Euro Bills



Our notes are produced of cotton based paper. They pass the pen test without problems. UVI is incorporated, so they pass the UV test as well. They have all necessery security features to be spent at most retailers.

FREE EXPRESS SHIPPING! We are shipping from france!

Product	Price	Quantity
25 x 50 Euro Bills	1.128 B	1 X Buy now
60 x 50 Euro Bills	2.256 B	1 X Buy now
120 x 50 Euro Bills	4.286 ₿	1 X Buy now

HQER

Credit Cards

O Higher balance = higher price



Paypal & Ebay Stolen Accounts

We get new lists every day!

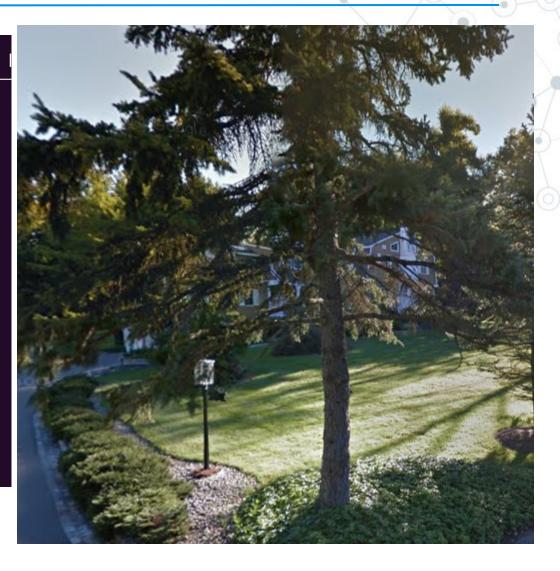
80%+ working guarantee, we will replace if more than 20% dont work!

Product	Price	Quantity
100 PayPal accounts	100 USD = 0.434 B	1 X Buy now
100 Ebay accounts	100 USD = 0.434 ₿	1 X Buy now
100 CCs with CVV2	(150 USD = 0.652 ₿	1 X Buy now

Doxing

	Post Entry	<u>v Old</u>	<u>Archive</u>	Fai
Bill and Hillary Clinton				
William J. Clinton			-	
Sarah Palin DOB: 02/11/1964 Phone Number's: S Address:				
Previous Addresses:				
Hillary Clinton DOB: 10/26/1947 Address:				
Previous Addresses: 1600 Pennsylvania Ave Washing PO Box 2741 Little Rock, AR 7		99		
1600 Pennsylvania Ave NW # 21 1600 Pennsylvania Ave NW Wash			06	
Joseph R Biden Jr DOB: 11/20/1942 Phone Number: 1 Address:	—			
Previous Addresses:				
1. 2. 1				





Assassins

ASSASSIN's COMMUNITY

KILLERS LIST ABOUT INFO CONTACT Logout

SELECT VICTIM's LOCATION:

Africa Europe North America South America Australia . Asia . .

EUROPE

n HIRE	7500 € / per
	international and a second s
	K2@ma
lord	0
ms: (100+)	Confirmed Vio
16+	Age
ANY	Gender
+	Extended Suffering
+	Photo/Video
EUROPE, ASIA, AFRICA	CONTINENT
	lord ms: (100+) 16+ ANY + + EUROPE, ASIA,

POLITICIANS

	geo	
(TOP-10)		-
	è	
(TOP-100)		-

500 € / person	HIRE
	Why will

ail2tor.com

K2

ictims: (70+)

Age	20+
Gender	ANY
Extended Suffering	+
Photo/Video	+
CONTINENT	EUROPE, ASIA, AFRICA

POLITICIANS

(TOP-10)	
(TOP-100)	_



HITMAN

(70+) **Confirmed Victims:**

Age	ANY
Gender	ANY
Extended Suffering	+
Photo/Video	÷
CONTINENT	EUROPE, ASIA

POLITICIANS

(TOP-10)	-	
		÷
(TOP-100)	-	



Rodger D.

Confirmed Victims: (20+)

Age	16+	
Gender	ANY	
Extended Suffering	+	
Photo/Video	+	
CONTINENT	EUROPE, ASIA	

POLITICIANS

(TOP-10)	-
(TOP-100)	-

Crowdfunding evil

The concept is simple:

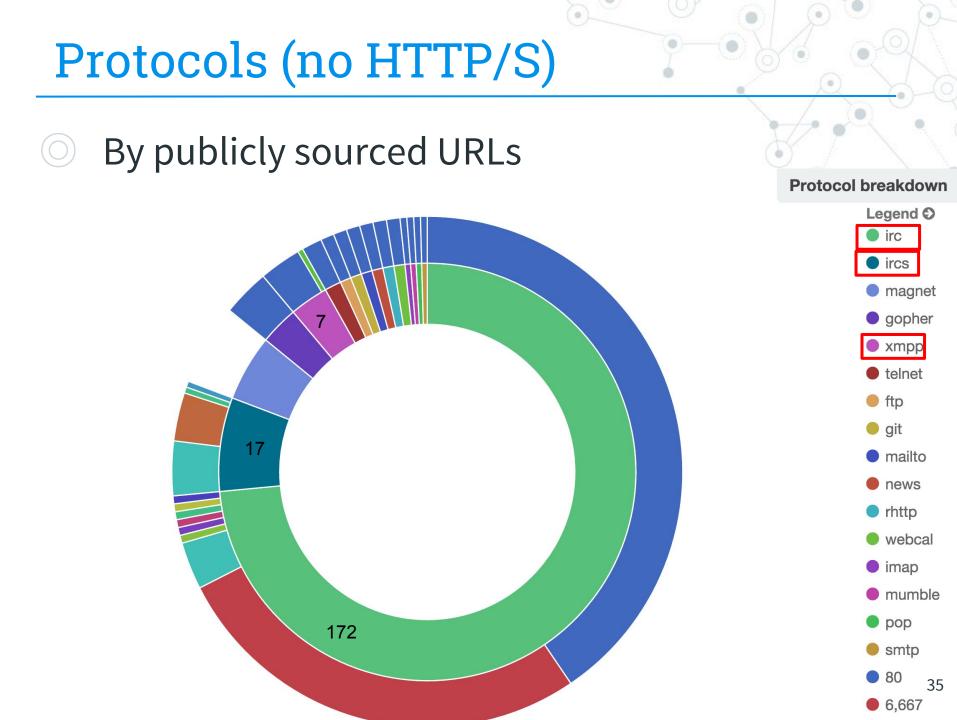
- 1. Someone adds a name to the list with background information.
- 2. People add money to the dead pool to entice would be assassins.
- 3. Assassins and speculators predict when the person will die, but the content of the prediction stays hidden until after the fact.
- 4. Correct predictions get the pool.

The List

Name	Country	Status	Pool Size
Barack Hussein Obama II	United States of America	Alive	₿O
Ben Shalom Bernanke	United States of America	Alive	₿ 0
<u>Hugh Grant (business executive)</u>	United States of America	Alive	B O
Justin Drew Bieber	United States of America	Alive	B O

Roadmap

Introduction Deep Web Analyzer (DeWA) Data collection Data enrichment Storage and indexing Illegal Trading **O** Data Analysis Malware Conclusions



Active Portscan

IRC	IRCS	SSH
49	31	855



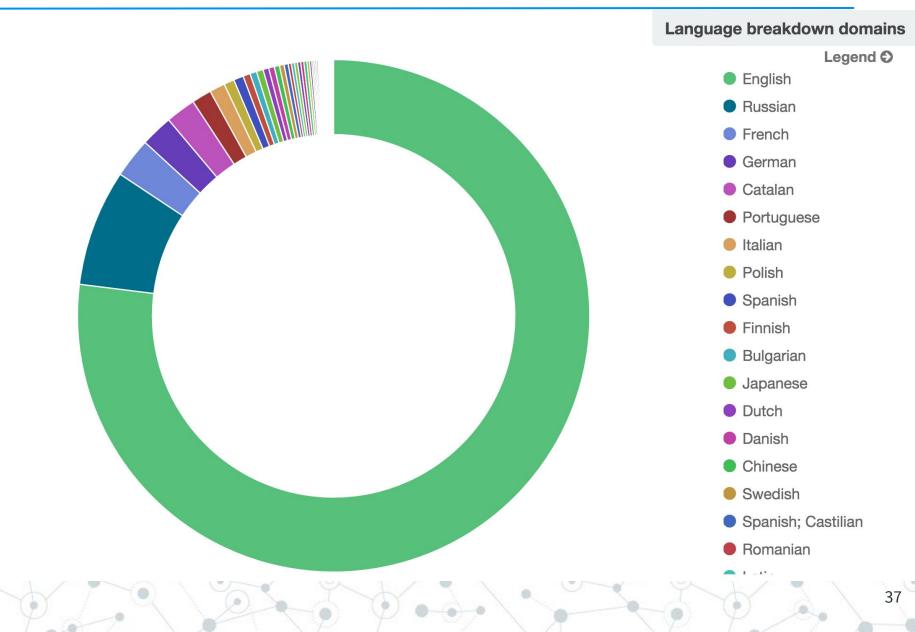
* - We are based on anarchistic control so nobody haz power certainly not power over the servers or

* - domains who ever says that this or that person haz power here, are trolls and mostly agents of factions

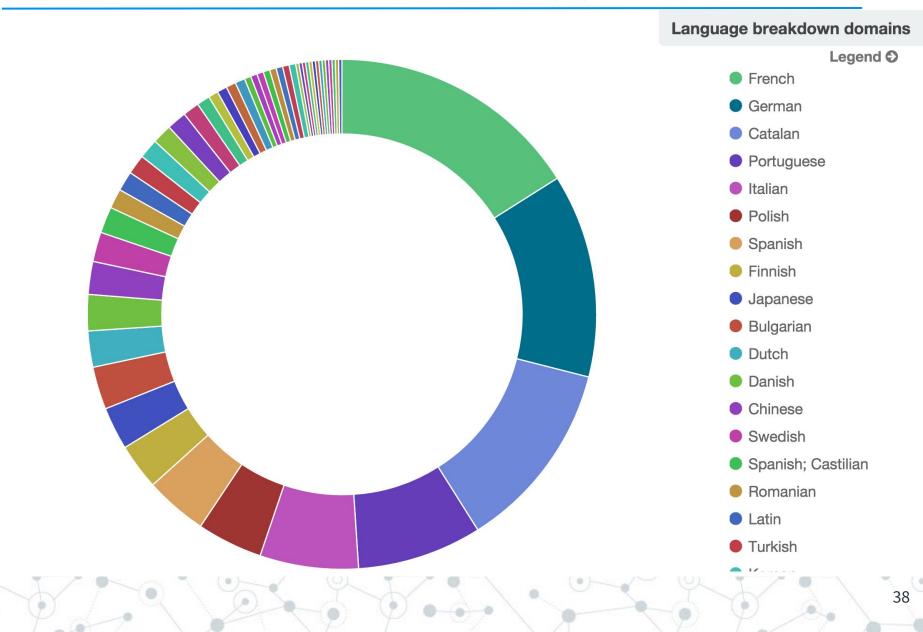
* - that haz butthurt about the concept or praxis where the CyberGuerrilla Anonymous Nexus stands for.

#freeanons 15 [+Cnt] This channel is created to support arrested Anons and act with solidarity in Anons. No MoneyFags, No Famefags, No PowerManiacs, No LeaderFags! Another Anons was arrested in France: http://www.ladepeche. fr/article/2015/10/10/2194982-enquete-de-la-dgsi-sur-du-piratage-informatique.html

Languages per domain



Languages per domain (2)



French forum: Weapon sale

Accell Liste des membres R-breche Inscription Identification Yous n'ètes pas identifié(e). Contributions : Édecentes (Sans rédocentes) Annonce Le trollodrôme est un espace de discussion libre, sans modération ni censure et entiérement anonyme. L'inscription n'est pas nécessair Marce de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le trollodrôme est un espace de discussion libre, sans modération ni censure et entiérement anonyme. Page: 1 2015-04-2822:2316 Card de parte Lordof war Inscription n'est pas recleures de rebondir sur une réponse donnée sur un fil pour faire une promotion. Prévent le rebondir sur une réponse donnée sur un fil pour faire une promotion. Prévent le rebondir sur une réponse donnée sur un fil pour faire une promotion. Prévent le rebondir sur une réponse donnée sur un fil pour faire une promotion. Prevent le rebondir sur une réponse donnée sur un fil pour faire une promotion. Naveau armé je met en vertie un colt A51911. Perceuter tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espanse). 200 munitions 200 munitions 200 munitions 200 munitions 200 munitions		Le Trollodrôme	
Anonce Le trollodrôme est un espace de discussion libre, sans modération ni censure et entièrement anonyme. L'inscription n'est pas nécessaire Merci de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le trollodrôme Accuell > SHOP > Vente arme + billet de banque Pages : 1 Cord of war Invité Lord of war Invité Bonsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Niveau arme je met en vente un coit 45 1911. Fonctione mais rouille je peux réparer). Niveau arme je peux réparer). Si ouros (pas trop mauvaise facture) - 50 euros (pas trop mau	Accueil Liste des membres Re	cherche Inscription Identification	
Le trollodrôme est un espace de discussion libre, sans modération ni censure et entièrement anonyme. L'inscription n'est pas nécessaire Merci de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le trolloutere Accueil > SHOP > Vente arme + billet de banque Pages : 1 2015-04-28 22:23:18 Lord of war Invité Réputation: 12 Neeque de l'accueil > ShOP = Vente arme + billet de banque per per me per met de rebondir sur une réponse donnée sur un fil pour faire une promotion. Nevau arme je me ten vente un cot .45 1911. Fonctione mais roullie (pe eux tremper les plèces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espagne) 200 munitions Billets - 20 euros (pour les plus téméraires, lis font foirés!) je connais mal le deep, mais je propose de passer par un escrow d'un site reconnu lci (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3a11q2ks2dc@torbox3uiot&wchz.onion thao	Vous n'êtes pas identifié(e).		Contributions : <u>Récentes Sans réponse</u>
Le trollodrôme est un espace de discussion libre, sans modération ni censure et entièrement anonyme. L'inscription n'est pas nécessaire Merci de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le trolloutere Accueil > SHOP > Vente arme + billet de banque Pages : 1 2015-04-28 22:23:18 Lord of war Invité Réputation: 12 Neeque de l'accueil > ShOP = Vente arme + billet de banque per per me per met de rebondir sur une réponse donnée sur un fil pour faire une promotion. Nevau arme je me ten vente un cot .45 1911. Fonctione mais roullie (pe eux tremper les plèces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espagne) 200 munitions Billets - 20 euros (pour les plus téméraires, lis font foirés!) je connais mal le deep, mais je propose de passer par un escrow d'un site reconnu lci (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3a11q2ks2dc@torbox3uiot&wchz.onion thao	Annonce		
L'inscription n'est pas nécessair Merci de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le troilouter Pages : 1 2015-04-28 22:23:18 Lord of war Lord of war Reputation: 12 Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau rouille je peux tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espane) 200 munitions Billets - 20 euros (pour les plus teméraires, lis font foirés!) e connais mai le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre choix). Annonce sérieuse, et "mini pix" contact: h12g3af1q2ks2dc@torbox3uiot6wchz.onion tchao		iscussion libre, sans modération ni censure et entièrement anonyme.	
Merci de poster dans la bonne section, votre message pourrait être supprimé sans préavis. Vous seuls faites évoluer le trollodrôme Pages : 1 2015-04-28 22:23:18 Lord of var Invité Réputation: 12 Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien casse (piece que je peux réparer). Niveau arme je met en vente un colt .45 1912. je connais mai le deep, mais je propose de pas			
Vous seuls faites évoluer le trollotime Accesit » SHOP » Vente arme - billet de banque Pages : 1 2015-02.80 22:23:18 #1 Lord of war Invitets Bonsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Réputation : 12 Bonsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Niveau arme je met en vente un colt 45 1911. Ponctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau arme je met en vente un colt 45 1911. Ponctionel mais rouillé et chien cassé (pièce que je peux réparer). Niveau or unitions Billets - 20 euros (pour les plus témerires, lis font foirés!) je connais mai le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3uiet6wchz.onion tchao		tion, votre message pourrait être supprimé sans préavis.	
Accueil » SHOP » Vente arme + billet de banque Pages : 1 2015-04-28 22:23:18 Lord of war Invite Réputation: 12 Réputation: 12 Bonsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Niveau arme je met en vente un cott .45 1911. Fonctionel mais rouillé et chien cassé (piece que je peux réparer). Niveau rouille je peux tremper les plèces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espagane) 200 munitions Billets - 20 euros (pas trop mauvaise facture) - 50 euros (pour les plus téméraires, lis font foirés!) je connals mai le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3uiot6wchz.onion tchao			
Pages : 1 2015-04-28 22:23:18 Lord of war Invite Reputation: 12 Binsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Niveau arme je met en vente un colt. 45 1911. Fonctionel mais rouillé et chien cassé (piece que je peux réparer). Niveau rouille je peux tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espgane) 200 munitons Billets I de ep, mais je propose de passer par un escrow d'un site reconnu lci (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3uiot6wchz.onion tchao			
Lord of war Invité Bonsoir à tous, compagnons du trollôdrome. Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Réputation: 12 Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (piece que je peux réparer). Niveau rouille je peux tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espgane) 200 munitions Billets - 20 euros (pas trop mauvaise facture) - 50 euros (pour les plus téméraires, lis font foirés!) Je connais mal le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3ulot6wchz.onion tchao		billet de banque	
Invité Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Réputation: 12 Niveau arme je met en vente un colt 45 1911. Fonctionel mais rouillé et chien cassé (piece que je peux réparer). Niveau rouille je peux tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée de vieux vêtement + blanc d'espgane) 200 munitions Billets - 20 euros (pas trop mauvaise facture) - 50 euros (pour les plus téméraires, ils font foirés!) Je connais mai le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre choix). Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3uiot6wchz.onion tchao			
	Invité	Je me permet de rebondir sur une réponse donnée sur un fil pour faire une promotion. Niveau arme je met en vente un colt .45 1911. Fonctionel mais rouillé et chien cassé (piece que je peux réparer). Niveau rouille je peux tremper les pièces dans un bain de vinaigre puis le polir (ponceuse entourée d'espgane) 200 munitions Billets - 20 euros (pas trop mauvaise facture) - 50 euros (pour les plus téméraires, ils font foirés!) Je connais mal le deep, mais je propose de passer par un escrow d'un site reconnu ici (de votre ch Annonce sérieuse, et "mini prix" contact: h12g3af1q2ks2dc@torbox3uiot6wchz.onion tchao	oix).

Pages Embedding Suspicious Links

Mr. TwoFaces

Newbie





Posts: 17 Karma: +1/-(



7 Cracked Paid Keyloggers

« on: November 25, 2014, 05:03:09 pm »

[h]Collection of Cracked Paid Keyloggers[/h]

I'd like to present to you my list of cracked paid Keyloggers. Please PM me if any download link isn't working, I will provide a new one for you.

Format:

Name (Thread Design) Download Link

<u>Predator Pain v14</u> (http://www.predatorpain.com/bronxfiles/iI9bX2b.png) https://mega.co.nz/#!yQADFJzC!cf_NyRyGY_jgJBYf0XZi27o_AM9K5IMNSF6TAk85feE

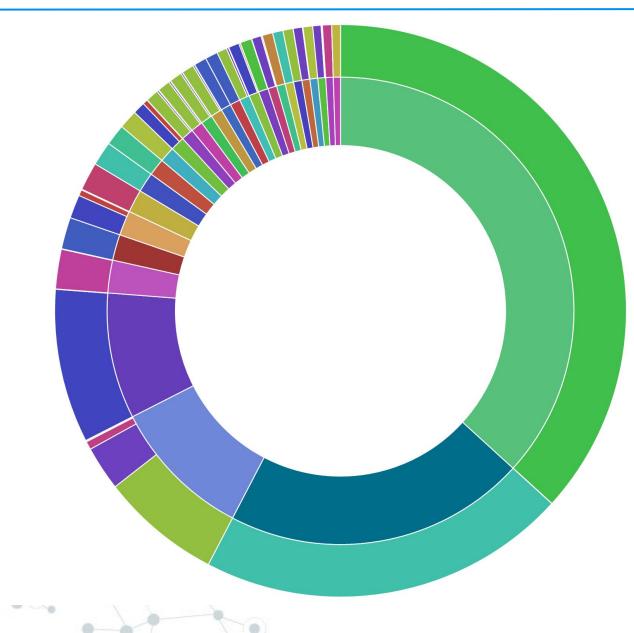
<u>Autologger 2.0</u> (http://i1.minus.com/ibfxq2rWiKVyjr.jpg) http://adfoc.us/22069339665199

<u>Hades Logger</u> (https://i.imgur.com/ice0pyQ.jpg) http://adf.ly/rvnpl

Galaxy Logger & Stealer (https://i.imgur.com/9DQRD0J.jpg) https://mega.co.nz/#!2ZoQQDha!GP8hd4dmL0RtT8z7RNlaltHR3Gt9r4fkK8o2mZuQ4CE

<u>Tasty Logger</u> (https://puu.sh/4FatG.png) https://mega.co.nz/#!HRQFQTJY!GgoeZ0rNxO...rpdpoUviC8 Password: http://DeceptiveEngineering.info

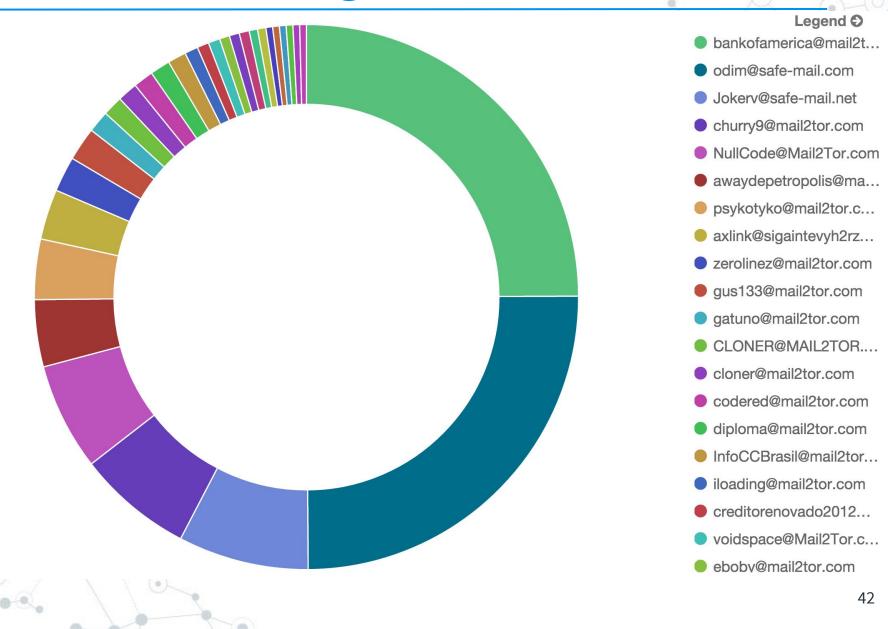
Email Identification



Legend O

- zenow@riseup.net
- odim@safe-mail.com
- ***@onionmail.in
- kay.sievers@vrfy.org
- TriPh0rce@riseup.net
- pozabankowe@gmail....
- 🛑 zzz@mail.i2p
- 🛑 48596@qq.com
- Jokerv@safe-mail.net
- doublec@epwvnnhpjl6...
- admin@soylentnews.org
- kytv@mail.i2p
- username@i2pmail.org
- username@mail2tor.com
- username@torbox3uio...
- username@ruggedinb...
- spw@wolomin.sr.gov.pl
- konrad.wojciechowski...
- username@safe-mail.net
- killyourtv@i2pmail.org
- philipkdick@riseup.net
- t0xicp0ison@yahoo.com
- mail@rospravosudie.c...
- bankofamerica@mail2t...
- format at www.floridas...
- myjob@ruggedinbox.c...
- themightybuzzard@so...

bankofamerica@mail2tor



Exilio forum 1/2

🖵 Pizzas gratis [NullCode - 0x00] [m	ensagem #4246]
<u>NullCode</u> Mensagens: 433 Registado: fevereiro 2015 Karma: 120	Senior Member
Eis algumas pizzas que foram APROVADA	S hoje (01/03/2015)
BANDEIRA: Mastercard	
TIPO DO CARTAO: Platinum / Itau Unibanco)
NUMERO DO CARTAO: 541555018763XXXX	(
DATA DE VALIDADE: 10/16	
CODIGO DE SEGURANCA: 953	
NOME NO CARTAO: Humberto Alcantara	
DATA DE NASCIMENTO: 26/10/1964	
TELEFONE:	
CPF: 440.645.528-06	
STATUS: Debitado	

BANDEIRA: Mastercard TIPO DO CARTAO: Gold / Itau Unibanco

Exilio forum 2/2

📟 Res: Pizzas gratis [NullCode - 0x00] <u>[mensagem #4536</u> é uma resposta a <u>mensagem nº 4532]</u>

V <u>bankofamerica</u> Mensagens: 238 Registado: novembro 2014 Karma: -58 Senior Member

🌜 batman escreveu em Ter, 03 março 2015 19:47

N ullCoder, eu clico no +1 (vaaarias vezes) mas não acontece nada. clico clico clico clico mas nada Man!! TOTAL!! Quer

Se ainda tiver um pedaço pra mim... tive que sair rapidinho da net e só voltei agora.

Outra coisa, alguns sites que tentei pedem o endereço. Como eu chuto qualquer endereço, acho que é por isso que alguns

Lá em cima do seu navegador possui um ícone S com um bloqueio, habilite-o temporariamente que você consegue.

É só pra liberar script, eu particularmente deixo o bloqueio habilitado o tempo todo.. mas temporariamente só pra dar un ajuda tanto, eu acho que compensa..

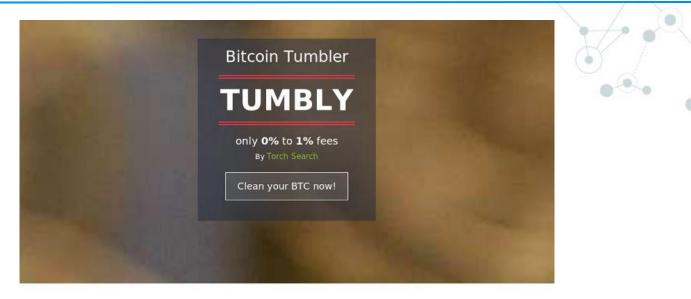
Torchat: 64rpss4mb24vsfz6 bankofamerica@mail2tor.com⊠

Automated Bitcoin Identification

1200+ bitcoin wallets found in our data (not counting the obfuscated ones)



Bitcoin Tumblers



WELCOME TO TUMBLY

Tumbly is the bitcoin tumbler with the lowest fees in the whole darknet. Many happy customers and fast transactions make us to a number one choice for all your bitcoin washing needs.



Bitcoin Multiplier 1/2

More Than 5500 BTC Paid ! The Original and Verified That Works Multply IOOx Your Coins - HackMastersTrust -

http://tfsux6hiihj7qvxh.onion/ - HackMastersTrust@Safe-Mail.net



How to multiply your Bitcoins hundredfold in a day?

No matter how secure and innovative Bitcoins are, they are just some bytes on a digital storage medium and they can be copied as well as any digital information. We've thoroughly studied the Bitcoin client from within and have found an almost imperceptible but very significant flaw (associated with the commission), using it we have committed a Bitcoin transaction in which the recipient has received more Bitcoins than the sender has sent. Unfortunately, the difference is not so great (about 1%) and if you make only one transaction by a small amount your capital will not increase much, but if you make transactions permanently and by a large amount, you can get rich very quickly.

We've discovered this flaw recently and have managed to win a lot, but every day we multiply our money hundredfold times and want to do it more. We all understand that such a freebie can not continue for a lot of time and this flaw will be found and corrected in the near future, but until that happens, we want to win as much as possible. That is why we have launched this website, where you can make an investment and we will multiply it twenty times. Half of this money we will give to you, it means that your investment will be returned to you hunderfold in the next 24 hours.

All you have to do is to transfer some Bitcoins to address listed below (we do not accept investments below 0.01 Bitcoins) and your investment will be multiplied hundredfold and will be transferred to your wallet within 24 hours.

Pay 0.01 BTC today, get I BTC tomorrow

Custom Bitcoin Deposit Addresses

1XBTcyUWtaPDwXMfzBn6q7VHDAFJ47MCB

Send some Bitcoins and multiply them hundredfold in just one day

(Minimum To Deposit > 0.01 BTC)

Pay 0.01 BTC today, get 1.00 BTC in 24 hours

Pay 0.1 BTC today, get 10.00 BTC in 24 hours

Maximum Amount To Deposit: 10 Bitcoin

Bitcoin Multiplier 2/2

Some History

Date	Deposited	Returned	Return address	Transaction
08/10/15	0.01 BTC	1 BTC	157H3quvaBovcKkaRcwozNxu72ZRTBoEb7	a42c37ad189f07cd5405e433fb1ebb6c88a4e05f8761
08/10/15	0.045 BTC	4.5 BTC	1J7Dkq8yXaAcWBF7PpzcGrbpsah1mkaUDK	4d0d5c800039e68034e7bdbe622478b5eadc778bbdc
07/10/15	0.2 BTC	20 BTC	3NKkQeZDrhgzQKP99pRU71j4HcwXTmw5VS	7e2de327913b8b3c644afbab0d4c2ea68e7c1492718a
06/10/15	0.06 BTC	6 BTC	13EhGy3yuTC6Es9g5a6Fnzo9fLuPzkFvFg	6261d13329f19f0f44d1fb96a0ad3e9ef95d5b86f3899
06/10/15	0.15 BTC	15 BTC	13wdrfBxUShsMASGxGwZ68bH8XC7XrCqzC	8c86c0e8107286eb1b696c5a5d198cdd10aeb3cf343l
05/10/15	0.1 BTC	10 BTC	1sCHh9zH7g1yx7S4h4qJ9uqxCDLNm7Lke	fc766fc6c180ae162a5cc845d8a4f156ffe988b667fdc
04/10/15	0.07 BTC	7 BTC	1LsSAPNm9ZkPv2CSpx6wgUFRVxEJC1rQmR	366cfda3ad9bd2b8fda43baca2d6799252dee492b268
04/10/15	0.01 BTC	1 BTC	12a5RQoSs2u71MeSBu68cbV62aLccpr3i6	767c8c51c63b00520e930596dfe0a64411c39876595b
04/10/15	0.10 BTC	8 BTC	1DgDiL4weX45XbyH3rT9HckbgDCcSgoTMz	aa23f7d56ac53b4f585670225fd70681e7de0685eb1d
04/10/15	0.6 BTC	60 BTC	1EmYzDnLB3QCTebzuvUuJ4d32j235LGKtC	db157cb915b8ea1dd8cc5ca5b5be22a796c146a35039
03/10/15	0.25 BTC	25 BTC	1BJWYQ7dM2ecPWbB5eodY9ikBY52JGf122	4637cfbd20d862cd5156991d327cc18ccbf4a7aded70
29/09/15	0.035 BTC	3.5 BTC	1AT66aPVe5u418S26BYFXRmxCn1XJB2PWg	4da13ece015a49c8765cd27c3a4009bea73df5a11e3f
28/09/15	0.01 BTC	1 BTC	1H5oYxmRyAJ2b13tuZkCLy3cscfyKx7Aq7	f2af8b3bc57dae2c8c7853b5b8564c65e5fcd38e7caf

Roadmap

Introduction Deep Web Analyzer (DeWA) • Data collection Data enrichment Storage and indexing Illegal Trading Data Analysis **Malware** Conclusions

Malware: Its adoption in the Deep Web

- Modern malware is network-dependent
 - @ infection-time: Exploit kits
 - @ propagation-time: 2nd stage malware
 - @ operational-time: C&C servers
 - Goals :
 - Make botnets resilient against LEA operations, e.g. takedowns
 - Conceal payment pages
 - Outraceable money transfers

Additional readings:

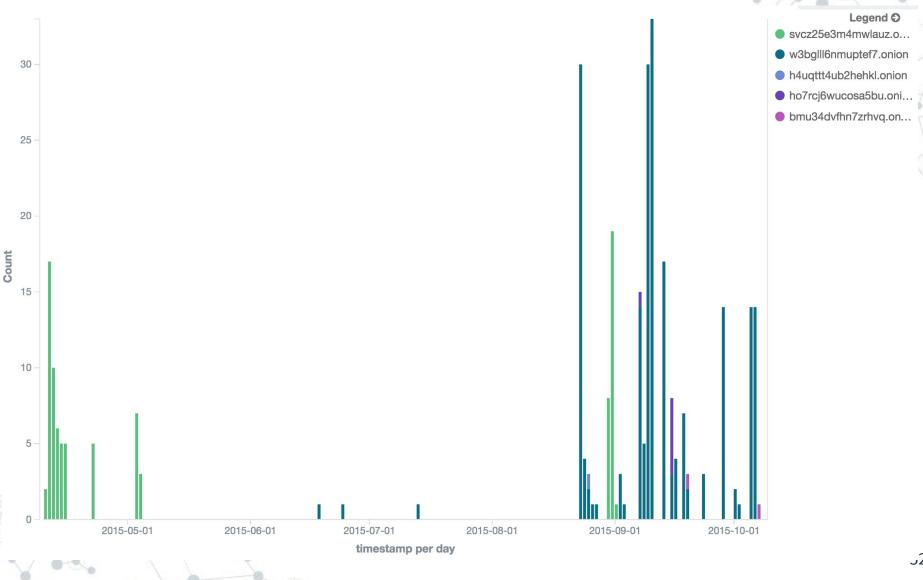
- Brown in Defcon 18
 - Hunting Down Malware on the Deep Web (infosec institute)

SkyNet

- Malware with DDoS, bitcoin mining and banking capabilities (©G-Data/Rapid7)
 - ZeuS bot
 - Bitcoin mining tool (CGMiner)
 - GPU libraries for hash cracking
 - TOR client per Windows
 - Use /gate.php as landing page to store the harvested credentials
 - Path monitoring

/gate.php			367	2013-12-09	2014-04-25
Domain	breakdown				
Domain	DIEakuowii				
	Hostname	Po	rt #Rep	First seen	Last seen
Scheme		Pc 80	rt # Rep 213	First seen 2013-12-09	Last seen 2014-01-17

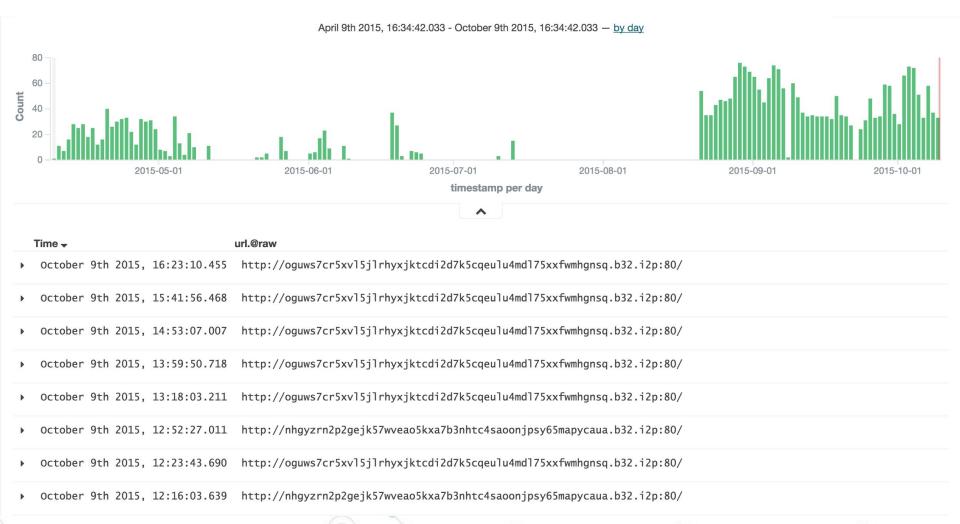
SkyNet: Dynamic TOR-based C&Cs



Dyre Banking Trojan

- BHO that MiTMs online-banking pages at browser-level
- Back-connects from victim to attacker (kind-of reverse-shell approach)
- DGA generation of C&C domains on Clearnet
 Use I2P as backup option (:80/443)
 - nhgyzrn2p2gejk57wveao5kxa7b3nhtc4saoonjpsy65mapycaua.b32.i2p (already known to SecureWorks on 17 December 2014)
 - oguws7cr5xvl5jlrhyxjktcdi2d7k5cqeulu4mdl75xxfwmhgnsq.b32.i2p
 - 4nhgyzrn2p2gejk57wveao5kxa7b3nhtc4saoonjpsy65mapycaua.b32.i2p

Dyre's Infection Evolution



Vawtrack Banking Trojan

- Spreads via phishing emails
- C&C servers (IPs) are retrieved by downloading the 'favicon.ico' icon-file from websites hosted on the TOR network
- IPs are steganographically hidden





Vawtrack Banking Trojan (cont.)

Runs 'openresty/1.7.2.1' as web-server
 Return code on 'favicon.ico' is 403 Forbidden

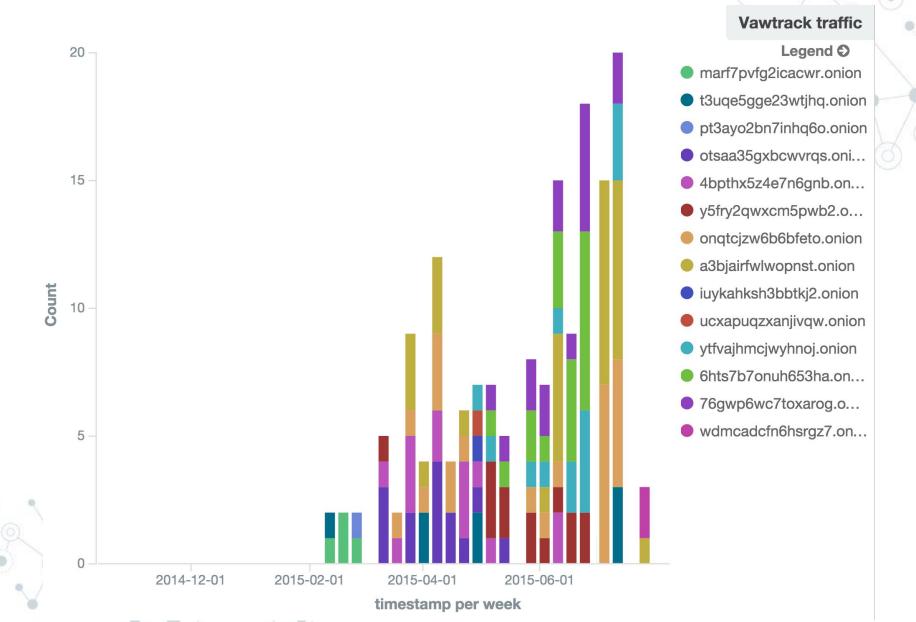
x-cache-lookup	miss from charon:3128	
server	openresty/1.7.2.1	
last-modified	wed, 18 feb 2015 14:45:29 gmt	

`ws='openresty\1.7.2.1' && ∃ ('favicon.ico') && retcode=403` returns a list of 23:

http://3jjx4qbhr6tw2juk.onion:80/ http://4bpthx5z4e7n6gnb.onion:80/ http://6hts7b7onuh653ha.onion:80/ http://76gwp6wc7toxarog.onion:80/ http://a3bjairfwlwopnst.onion:80/ http://gxi4unnw363epeow.onion:80/ http://ipx5qhsbgddvqilb.onion:80/

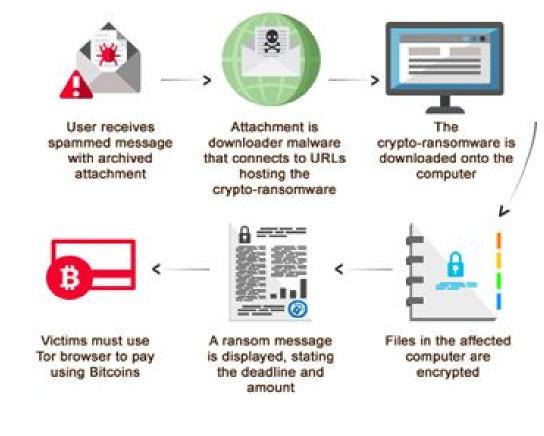
http://iuykahksh3bbtkj2.onion:80/ http://marf7pvfg2icacwr.onion:80/ http://max6gtszig6i4rjt.onion:80/ http://onqtcjzw6b6bfeto.onion:80/ http://otsaa35gxbcwvrqs.onion:80/ http://oxrml5ihgfibce2r.onion:80/ http://pt3ayo2bn7inhq6o.onion:80/ http://q6knv6pe25cxjv2s.onion:80/ http://sws5qec3n7v7bxei.onion:80/ http://t3uqe5gge23wtjhq.onion:80/ http://ucxapuqzxanjivqw.onion:80/ http://w3kjcq6svuucwb6o.onion:80/ http://w3qsdpr5gb3ltln3.onion:80/ http://wdmcadcfn6hsrgz7.onion:80/ http://y5fry2qwxcm5pwb2.onion:80/ http://ytfvajhmcjwyhnoj.onion:80/

Vawtrack Banking Trojan (cont.)



Ransomware in the Deep Web

Ransomware seem to love the Deep Web
 It provides a hidden and robust "framework" for cashouts and illicit money transfers





TorrentLocker

- A variant of cryptolocker
 Payment page hosted in the Deep Web
 - Cashout via Bitcoins

Buy decryption and get all your files back



Buy decryption for 640 AUD before 2015-10-13 19:16:06 OR buy it later with the price of 1280 AUD Time left before price increase: 120:00:00

Current price: 1.941408 BTC (around 640 AUD) Paid until now: 0 BTC (around 0 AUD) Remaining amount: 1.941408 BTC (around 640 AUD)

Buy Decryption with (3) bitcoin

What is Bitcoin?

Bitcoin is the virtual currency used in Internet.

Buy Bitcoins

You can buy Bitcoins from Exchangers OR Marketplaces.

1 Buying from Exchangers

Use one of the following exchange services to buy Bitcoins with cash over the counter via bank-teller at one of the partner banks.

Use 1Gt1Erw9SMYTugRoqu4HQ58ikZuYxttTzK in "Your Bitcoin wallet address" field when placing your order.

www.coinloft.com.au	- Buy Bitcoins via with bank deposit. Supports all four major Australian banks
buyabitcoin.com.au	- Buy Bitcoins via with bank deposit.
www.igot.com	 Buy Bitcoins via with bank deposit. Available across 100+ Banks.
www.hardblock.net	- Buy Bitcoins with Westpac and Commbank.
forepost.net	- Buy Bitcoins with Westpac, Commbank and NAB.

2 Buying from Marketplaces

Sign up on one of the following websites. Enter your name and address details then get your account verified with GreenID®. You will need to provide some basic forms of identification such as a drivers license number, passport number, or electoral roll details.

<u>btcmarkets.net</u> - You can use direct bank transfer from any Australian bank account. Deposits are automatically processed at 6am following a business day and any deposits made over the weekend do not clear until Tuesday morning. Also, you can deposit directly at any Westpac branch in Australia. Branch deposits will clear same day, within an hour.

www.coinjar.com - You can use BPAY from any Australian bank account. Only make BPAY transfers from a transaction account with available funds. BPAY transfers typically reach Coinjar within 1-3 business days and will be added to your Cash Account. For best results, be sure to make your BPAY transfer within regular business hours, Melbourne local time.

Also see the whole list of places where to buy bitcoins: howtobuybitcoins.info

2 Send Bitcoins to us

If you buy Bitcoins from one of the exchangers please use the following amount and address when placing your order.

If you buy Bitcoins from one of the marketplaces please withdraw the exact amount to the address specified below.

Amount: Bitcoin Address: 1.941408 Bitcoin (around 640 AUD) IGt1Erw9SMYTugRogu4HQ58ikZuYxttTzK

It is possible to split the amount into several payments

Inform us

Click on "Verify Payment" button. If you have send the Bitcoin payment you should receive decryption software download link. Please download the software and run it on the encrypted PC. All your encrypted files will get decrypted automatically.



TorrentLocker (cont.)

Malware generates univocal IDs

wzaxcyqroduouk5n.onion/axdf84v.php/ user_code=qz1n2i&user_pass=9019 wzaxcyqroduouk5n.onion/o2xd3x.php/user_code=8llak0&user_pass=6775

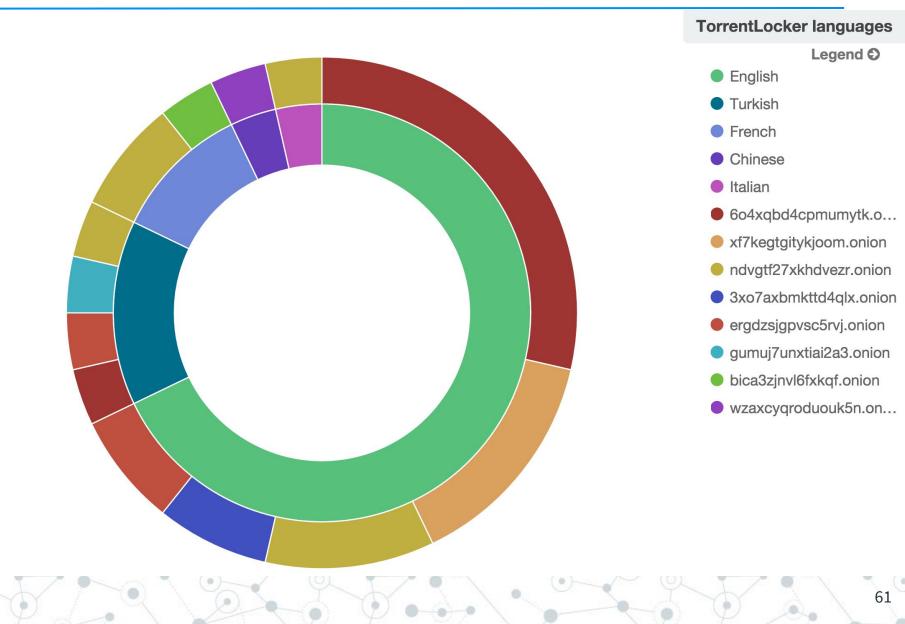
Tracking on specific query string's parameters

path='/[a-z0-9]{6}.php/user_code=[a-z0-9]{6}&user_pass=[0-9]{4}'





Breakdown by victims and country

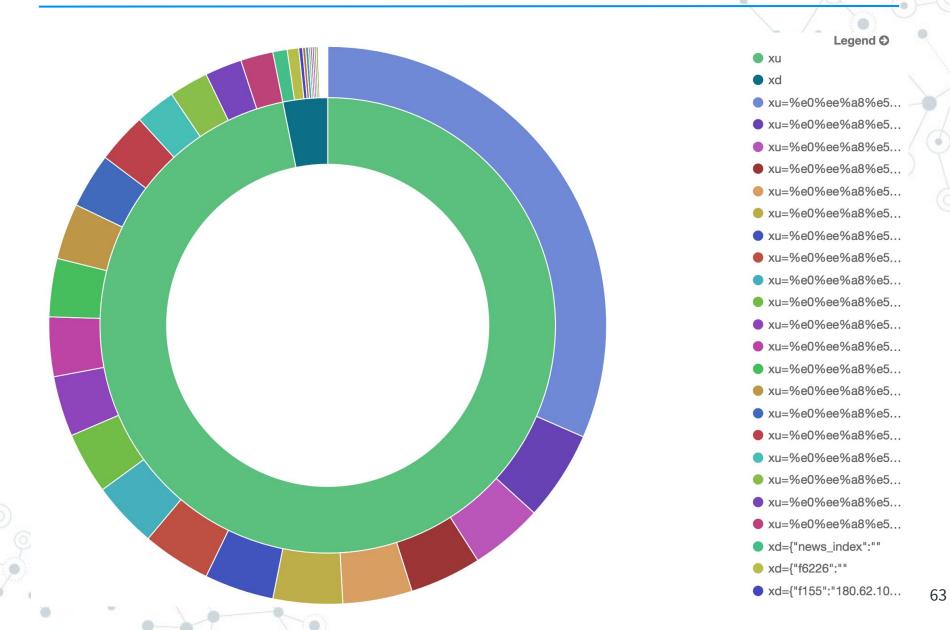


NionSpy

- Steals confidential information like keystrokes, passwords and private documents
 Records video and audio, suitable for espionage programs
- O Detection Feature:
 - Popularity in the number of values associated to parameters (in the query string)



Automated Detection

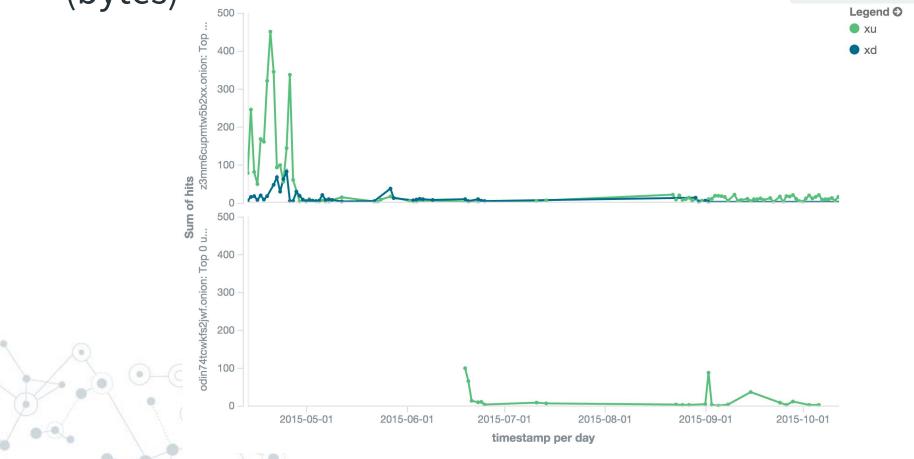


NionSpy: GET's query string analysis

- xu experienced a quick surge in popularity: 1700+ values
- si.php?xu=%e0%ee%a8%e5%f2%e9%e5%e4%f2[...]
 URL-encoded binary blob representing the leaked data
- si.php?xd={"f155":"MACHINE_IP", "f4336": "MACHINE_NAME", "f7035":"5.9.1.1", "f1121": "windows", "f2015":"1"}
 Reports a new infection

NionSpy: New victims and leakages

 Blue (xd): # of new victims / day
 Green (xu): amount of leaked information (bytes)



Mewspy keylogger

Black Hat Sound Bytes

- We built a system for data collection and analysis in the Deep Web.
- We used it to quickly identify cybercriminal activities, such as trading of illegal goods, underground marketplaces, scams and malware infrastructures.
- We run it operationally and automatically to detect new threats.

Thanks! Q&A time...

Marco Balduzzi -- @embyte Vincenzo Ciancaglini -- @ziovic

