Reflecting on the Evolution of Large-Scale Internet Attacks

Prof. Vern Paxson

Electrical Engineering & Computer Sciences
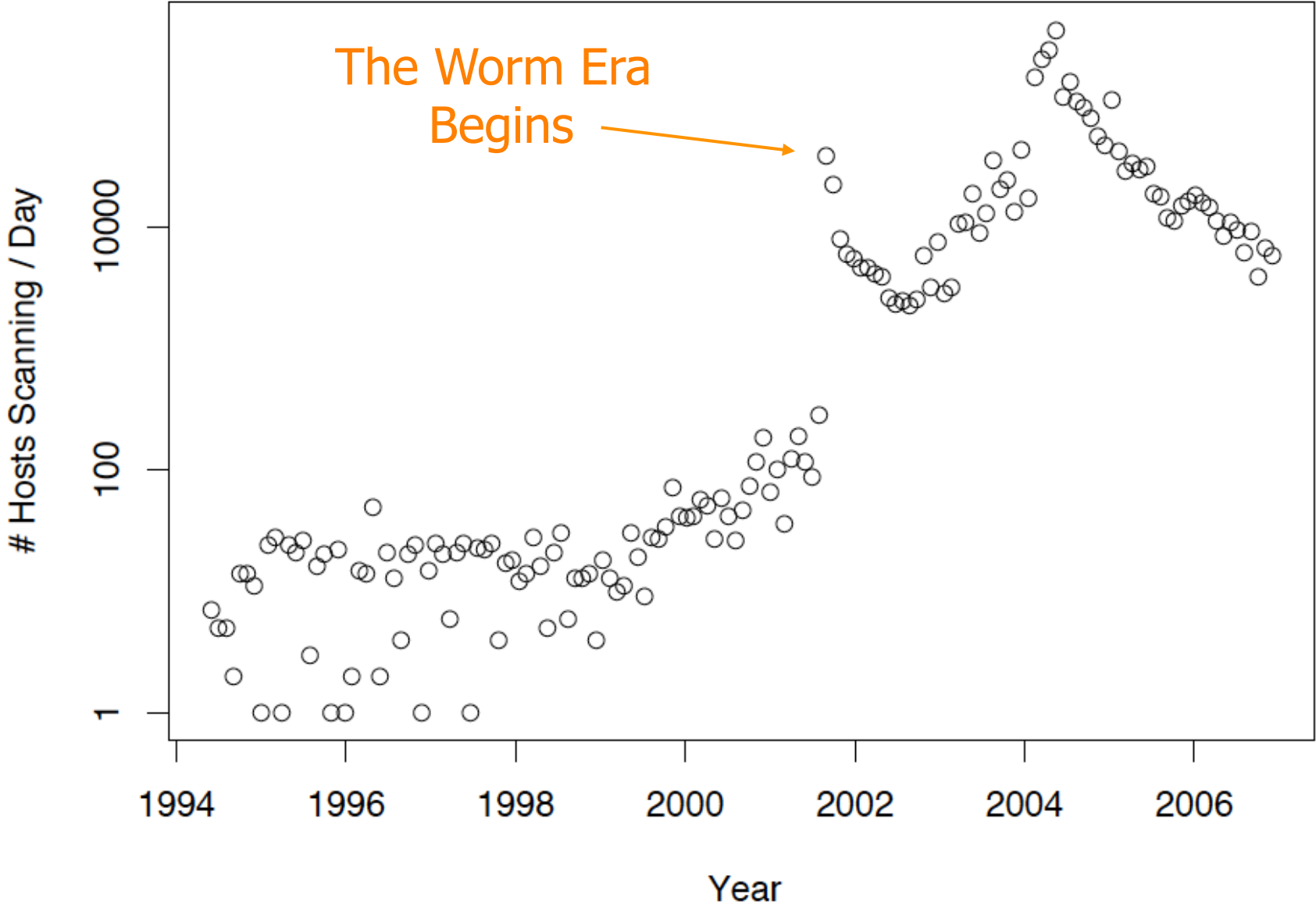
University of California, Berkeley

vern@berkeley.edu

October 20, 2015

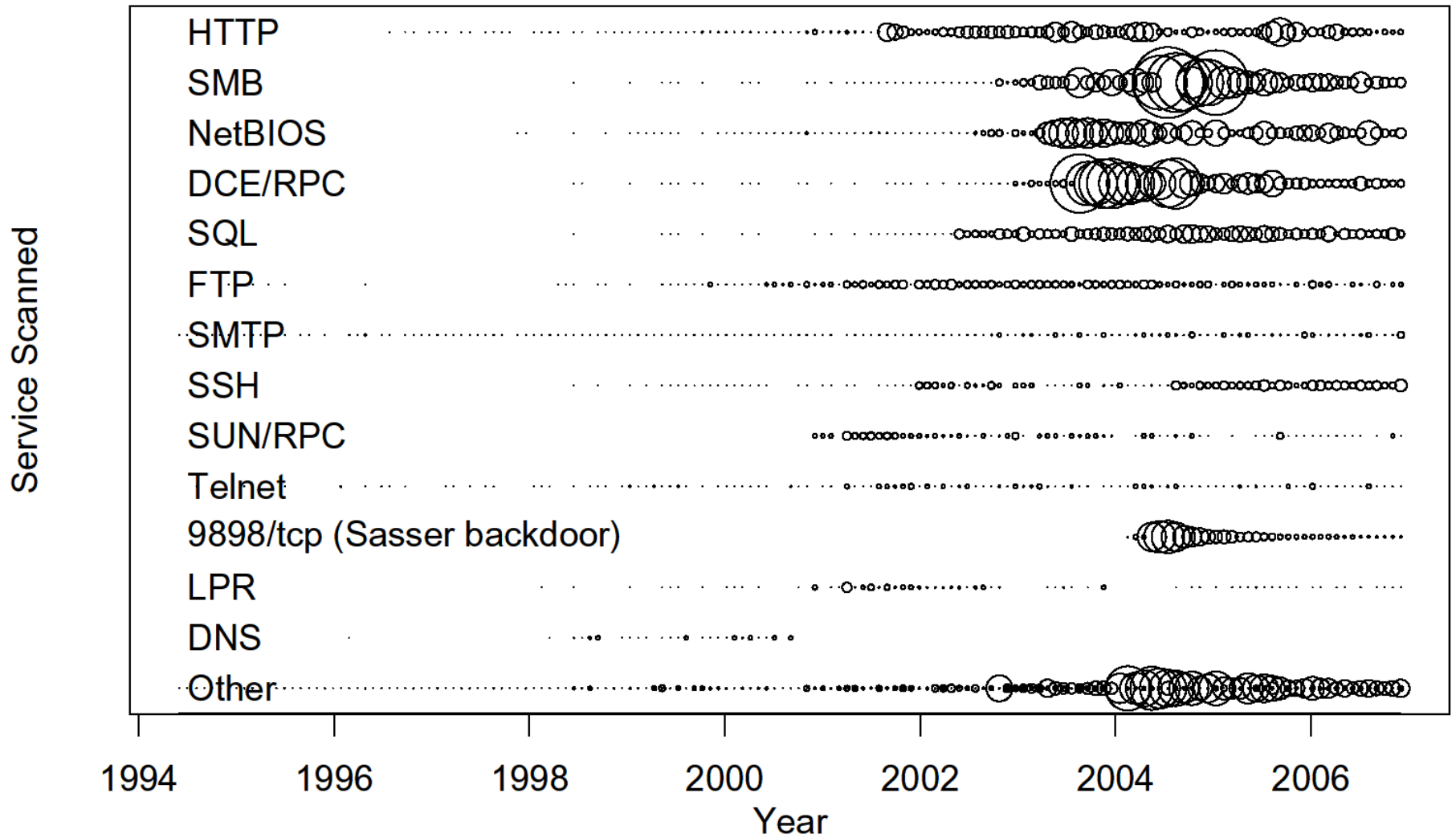# The Rise of Large-Scale Attacks

Scan Activity Seen At LBL

The Worm Era Begins
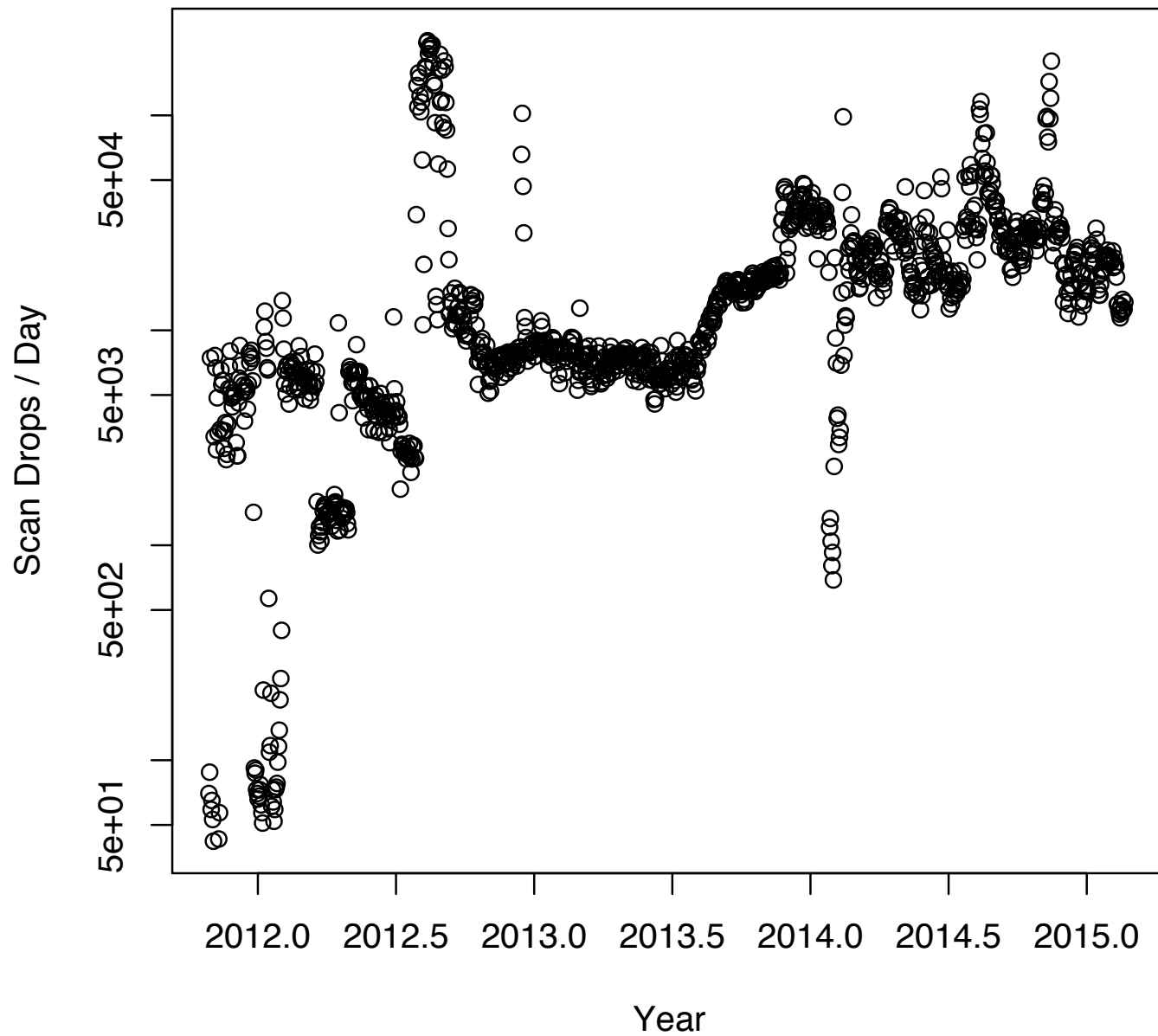
Hosts Scanning / Day

Year

Services Scanned Over Time

Blocking Scans at LBNL
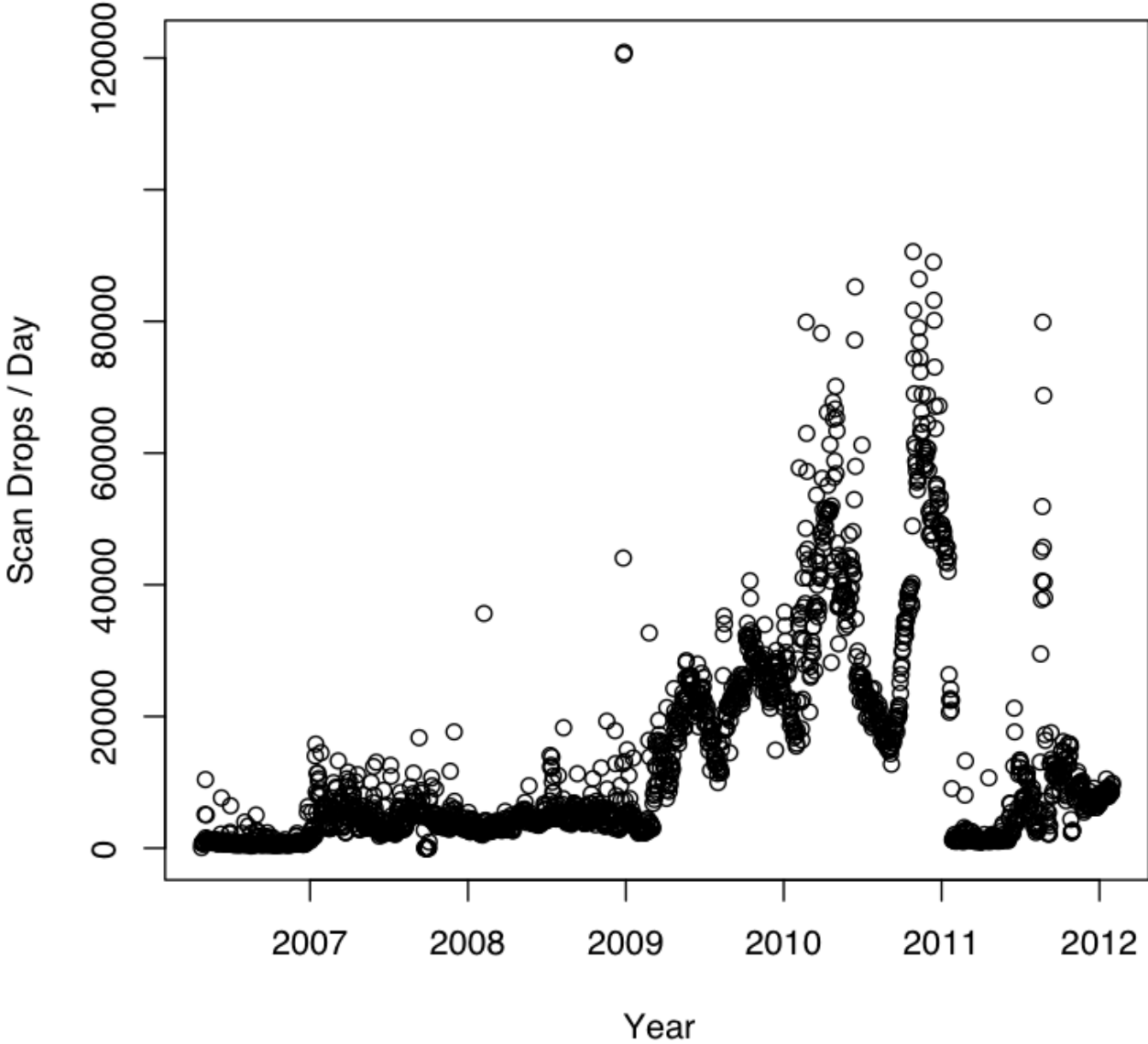
Blocking Scans at LBNL

Scan Activity Seen At LBL

The Worm Era Begins

The rise of **Botnets** and **Cybercrime**

Hosts Scanning / Day

Year

Yearly Conficker A+B Population

2009 - 2010

Yearly Conficker A+B Population

2014-2015

Google ▼ Search ▪ + 🌐 🗐 ▪ 🏛 🗘▪ M ▪ 💬 Sidewiki ▪ ☆ Bookmarks▪ ฮฺล Translate ▪ 🗲 AutoLink ▪ »
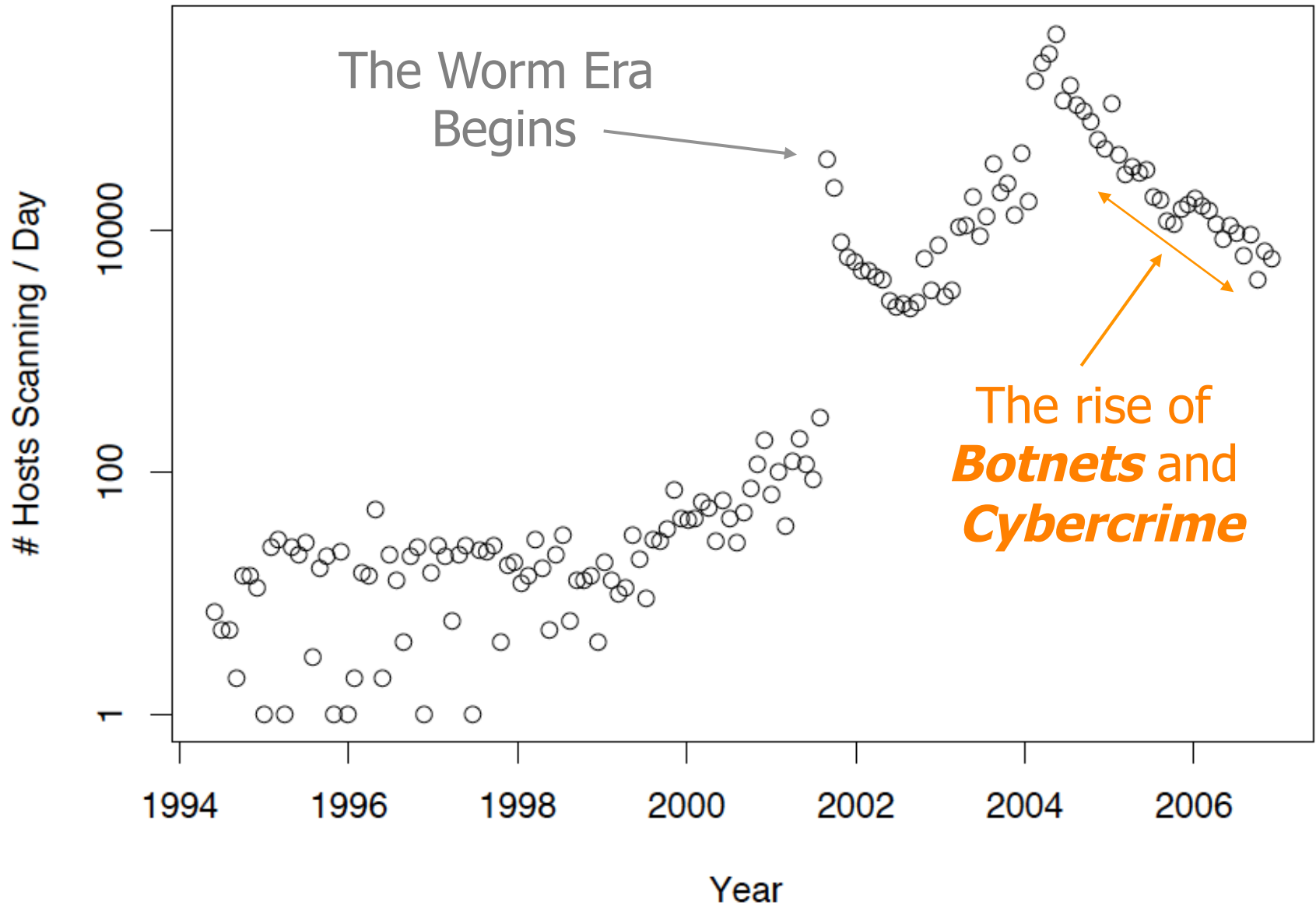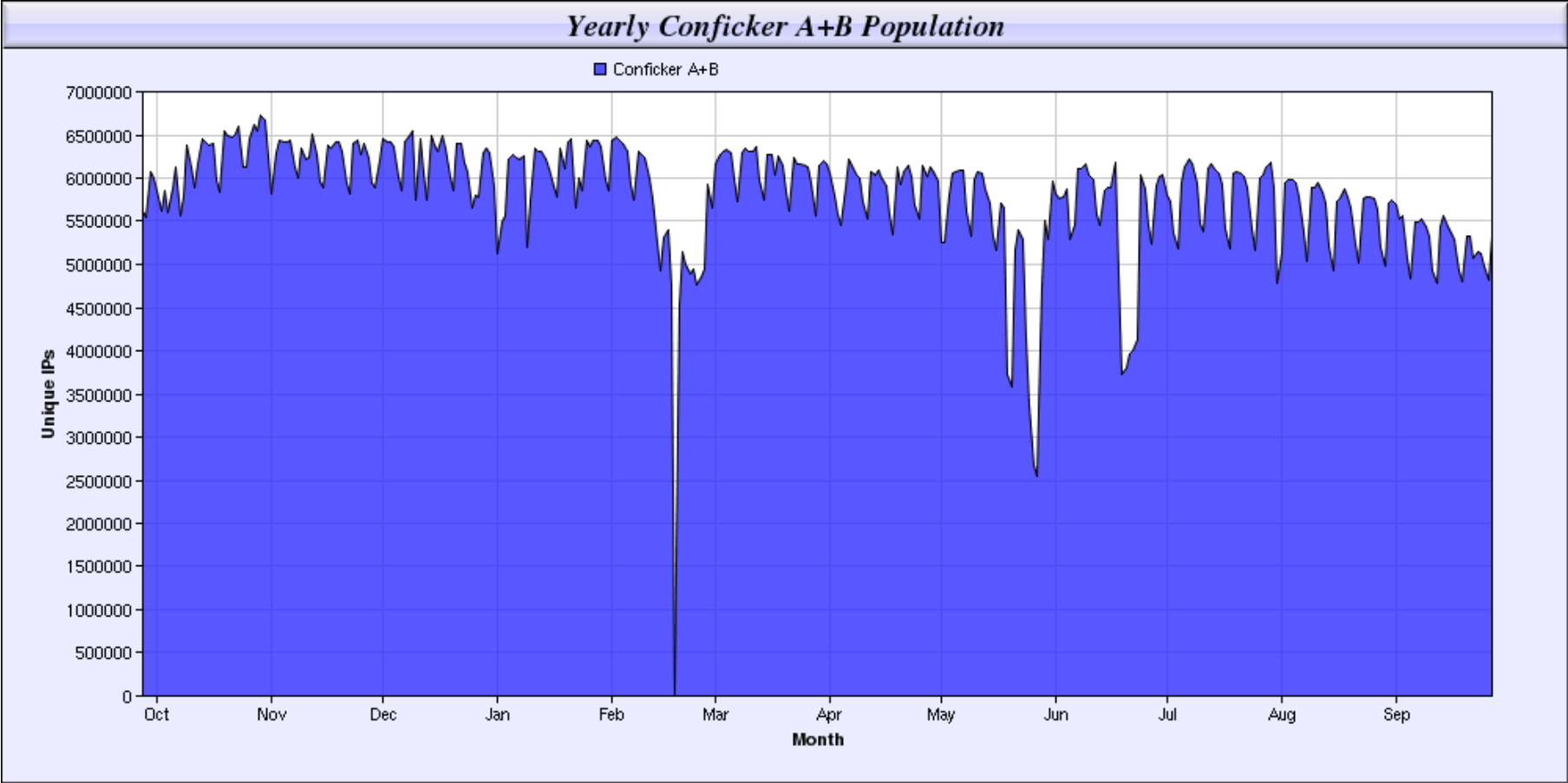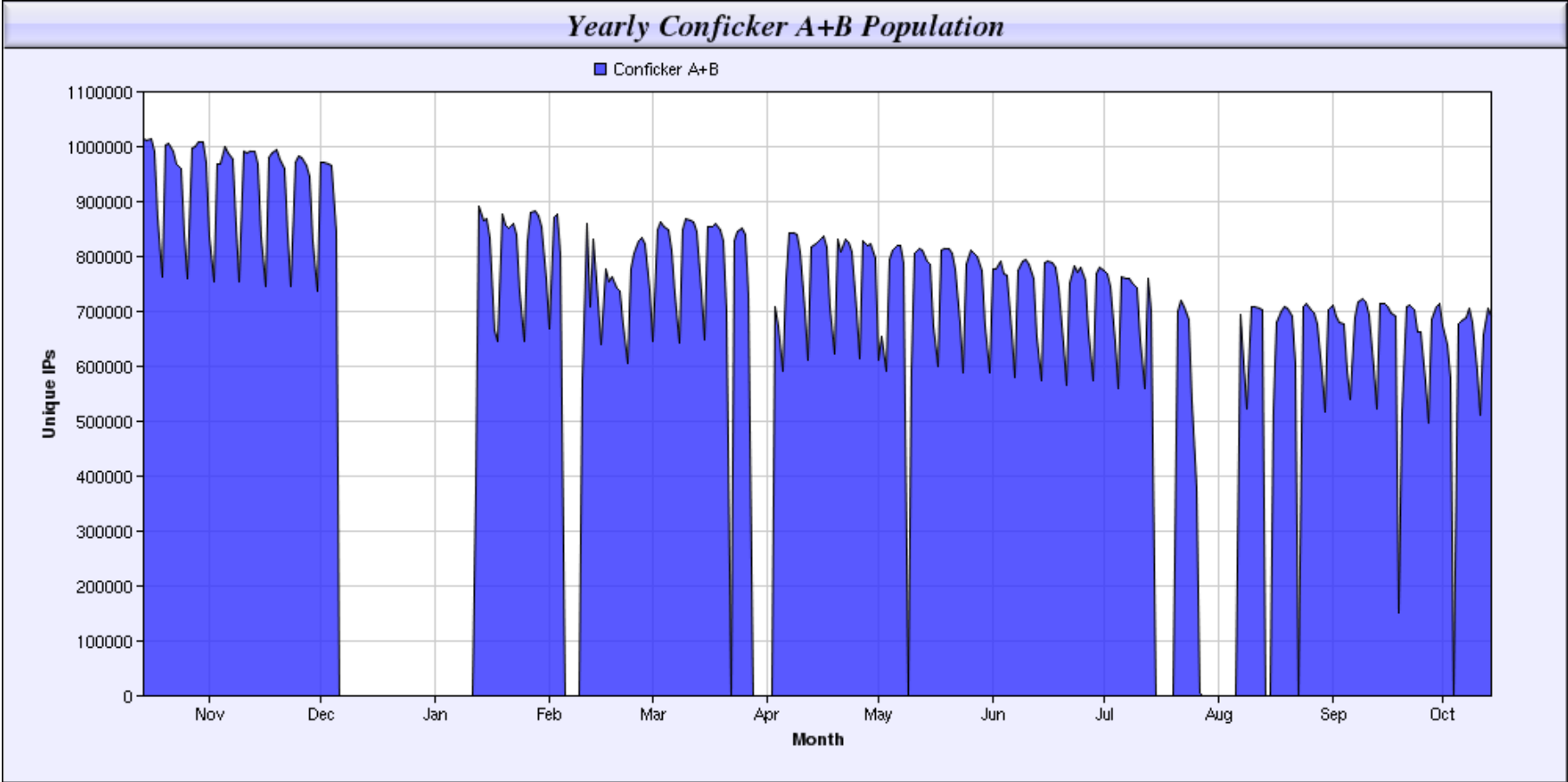
Installs4Sale.net   ✛

Installs4Sale.net - надежный сервис по загрузкам, достойный доверия

КОНТАКТЫ

❄ 560869831
❄ 550525933

info [at] installs4sale.net

ПРИЕМУЩЕСТВА

➤ Быстро осуществляем отгрузку практически в любой регион. Принимаем заказы на миксы стран по вашему выбору.

➤ Для постоянных клиентов действуют скидки и бонусы в виде дополнительного объема загрузок.

➤ Договоритесь по всем ценам и получить индивидуальные условия вы можете в службе

Wire

EPASS

WebMoney

The PPI Eco-system

Clients

Fake AV   Spambot   Keylogger

①

PPI Service

④   ②

PPI Affiliate

③

Target Host

Downloader
Install
Payment
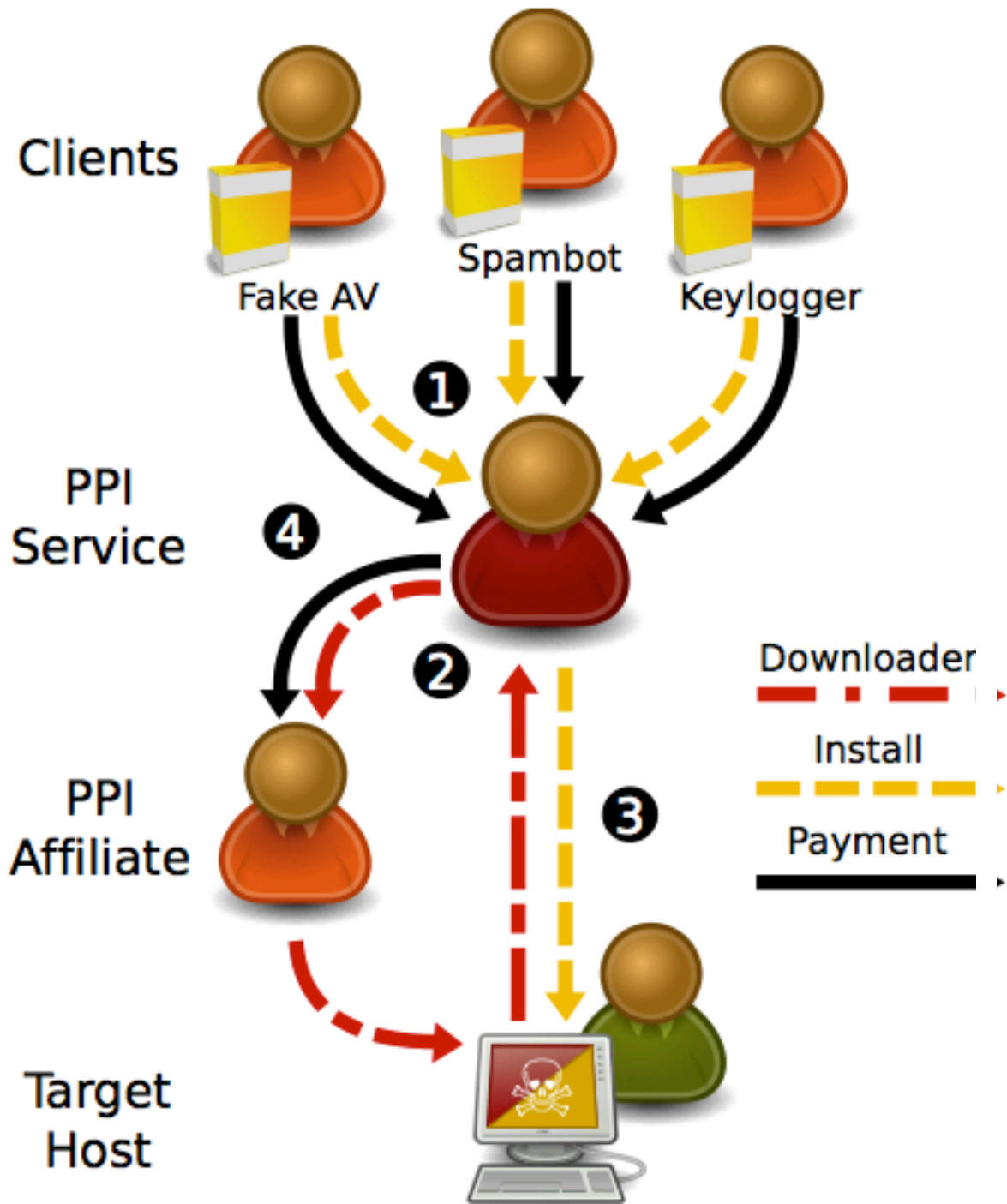
Life after you get an Infection

PPI exe

Client exe → malware ?

Client exe (second PPI)

torpig

third PPI exe

malware ?

zbot (info stealing)

13 additional binaries downloaded
Total Time: < 5 minutes

webmail spam

cutwail (spambot)

zbot (info stealing)
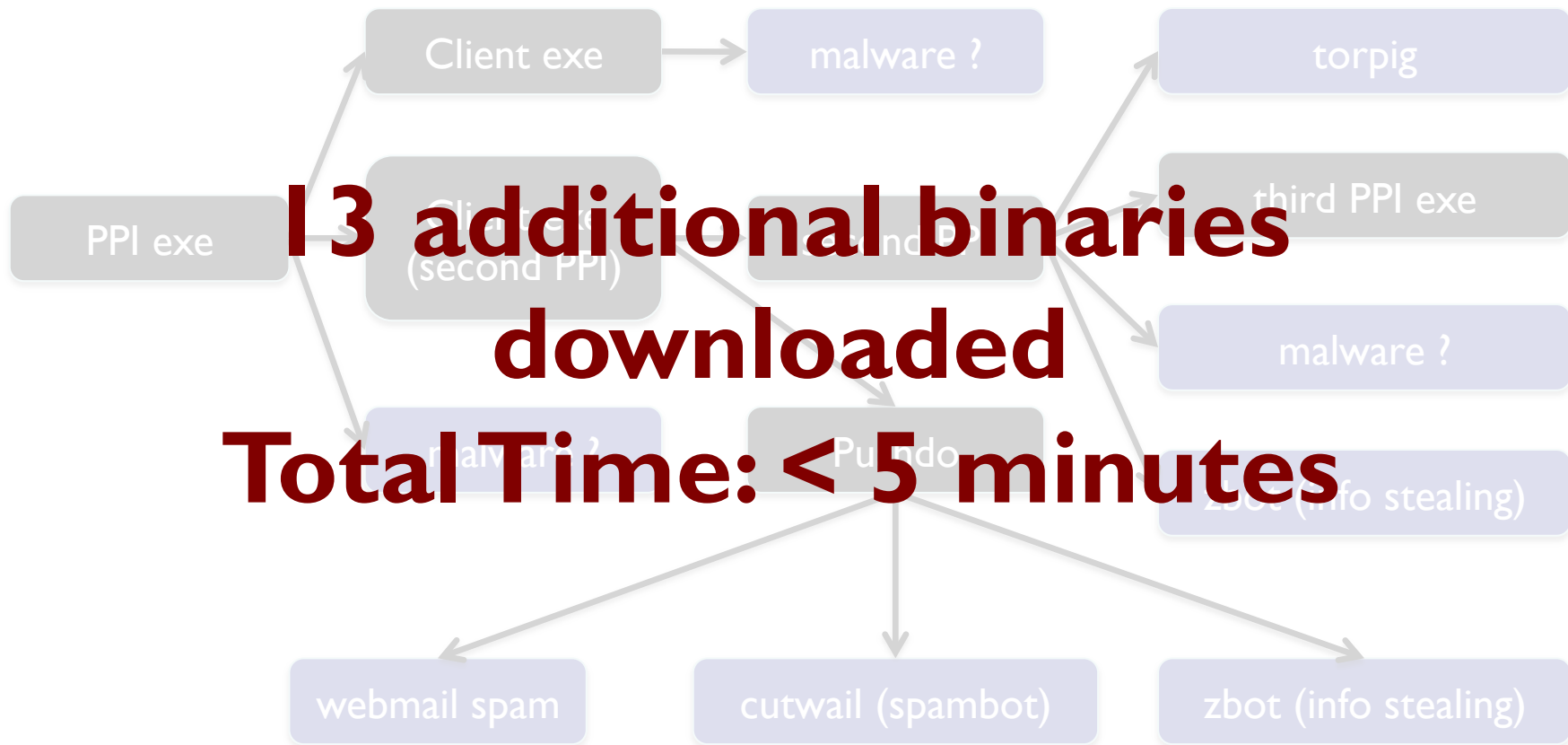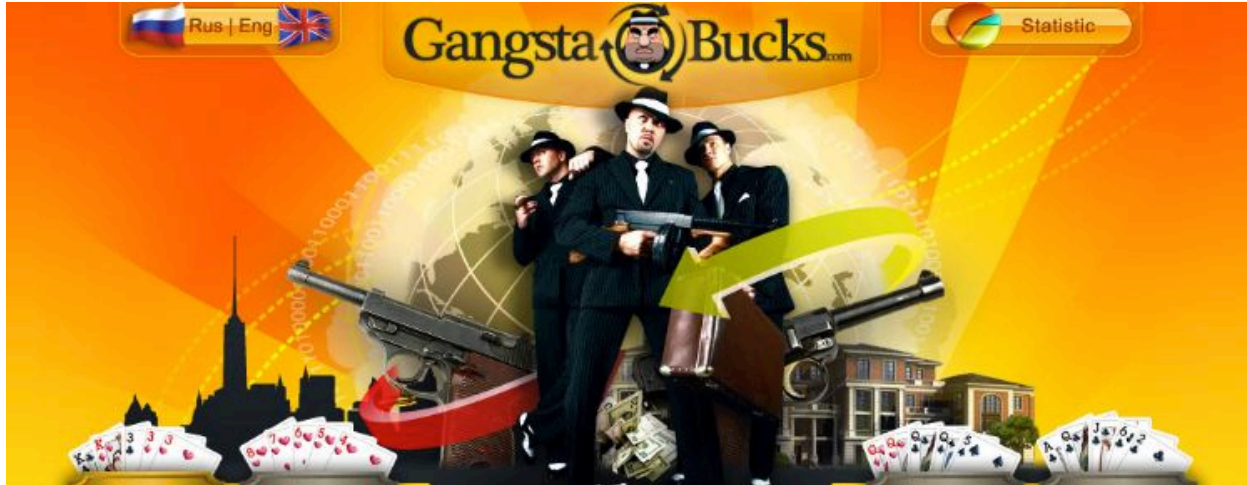
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| An individual approach to everyone | Guaranteed weekly payouts | Round-the-clock support | Detailed statistics | User-friendly software |

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We pay for all installs!

Join our ranks and by tomorrow you could get your first payout!

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Google   Search   ▼   Sidewiki   ▼   Bookmarks   Translate   ▼   AutoLink   ▼   »

Installs4Sale.net

WebMoney

➜ Договорится по всем ценам и получить индивидуальные условия вы можете в службе поддержки. Пишите!

➜ Мы отслеживаем уникальность инсталов и их чистоту перед продажей.

УСЛОВИЯ

➜ Мы работаем строго по предоплате. Допускается частичная оплата постоянным клиентам на большие объемы.

➜ Мы не несем ответсвенности за то что у вас по каким-то причинам отстувают загрузки. Если вы не видите инсталов с первых минут мы можем проистановить отгрузку до выяснения обстоятельств.

ТАРИФЫ

GB (Англия)	150$
DE (Германия)	150$
USA (США)	130$
IT (Италия)	120$
Микс (US,CA, AU, GB)	100$
CA (Канада)	100$
Микс (Европа)	40$
Азия	10$

Все цены указаны за 1000 уникальных загрузок

December 8, 2010, 4:18 PM

'Operation Payback' Attacks Fell Visa.com

By ROBERT MACKEY

> TARGET: WWW.VISA.COM :: FIRE
> FIRE FIRE!!! WEAPONS http://bit.ly
> /e6iR3X ::: SET YOUR LOIC TO
> irc.anonops.net ::: #DDOS #PAYBACK
> #WIKILEAKS
>
> 11 minutes ago via web
> Retweeted by 100+ people   ↩ Reply ⟲ Retweet
>
> 🏴 **Anon_Operation**
>   Operation Payback

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Operation: Payback Operation:

A message posted on Twitter by a group of Internet activists announcing the start of an attack on Visa's Web site, in retaliation for the company's actions against WikiLeaks.

Knowledge Is Free.
We Are Anonymous.
We Are Legion.
We Do Not Forgive.
We Do Not Forget.
Expect Us.

Last Updated | 6:54 p.m. A group of Internet activists took credit for crashing the Visa.com Web site on Wednesday afternoon, hours after they launched a similar attack on MasterCard. The cyber attacks, by activists who call themselves Anonymous, are aimed at punishing companies that have acted to stop the flow of donations to WikiLeaks in recent days.

The group explained that its distributed denial of service attacks — in which they essentially flood Web sites site with traffic to slow them down or knock them offline — were part of a broader effort called Operation Payback, which

Russia accused of unleashing cyberwar to disable Estonia

· Parliament, ministries, banks, media targeted
· Nato experts sent in to strengthen defences

Ian Traynor in Brussels
The Guardian, Thursday 17 May 2007
Article history

Bronze Soldier, the Soviet war memorial removed from Tallinn. Nisametdinov/AP

A three-week wave of massive cyber-attacks on the small Baltic country of Estonia, the first known incidence of such an assault on a state, is causing alarm across the western alliance, with Nato urgently examining the offensive and its implications.

Coordinated Russia vs Georgia cyber attack in progress

Posted by Dancho Danchev @ 4:23 pm

Categories: Black Hat, Botnets, Denial of Service (DoS), Governments, Hackers...
Tags: Security, Cyber Warfare, DDoS, Georgia, South Osetia...

62 TalkBacks
ADD YOUR OPINION

SHARE   PRINT   E-MAIL   WORTHWHILE?   **+18**   24 VOTES

In the wake of the Russian-Georgian conflict, a week worth of speculations around Russian Internet forums have finally materialized into a coordinated cyber attack against Georgia's Internet infrastructure. The attacks have already managed to compromise several government web sites, with continuing DDoS attacks against numerous other Georgian government sites, prompting the government to switch to hosting locations to the U.S, with Georgia's Ministry of Foreign Affairs undertaking a desperate step in order to disseminate real-time information by moving to a Blogspot account.

Russian election protests – Saturday 10 December 2011
• Largest political event of its kind since the fall of the USSR
• An estimated 50,000 people gathered in Moscow and 10,000 in St Petersburg
• They allege widespread fraud in Sunday's polls
• More than 1,000 arrests
• Protestors pledge to take to the streets again on December 24
• They want Sunday's election results annuled

#триумфальная (#triumphal)

26K Twitter accounts tweet 440K junk messages to drown out discourse / coordination.

Geolocation of Logins

56%

Nonspam Logins

1%

Spam Logins

26K accounts purchased from *spam-as-a-service* program. Part of a lot of 975K.

Strategy for Combatting Large-Scale Attacks

Combating Large-Scale Attacks
Via *Infiltration*

The PPI Eco-system

Clients

Fake AV   Spambot   Keylogger

1

PPI Service

4

2

Infiltration opportunity

Downloader

Install

Payment

PPI Affiliate

3

Target Host
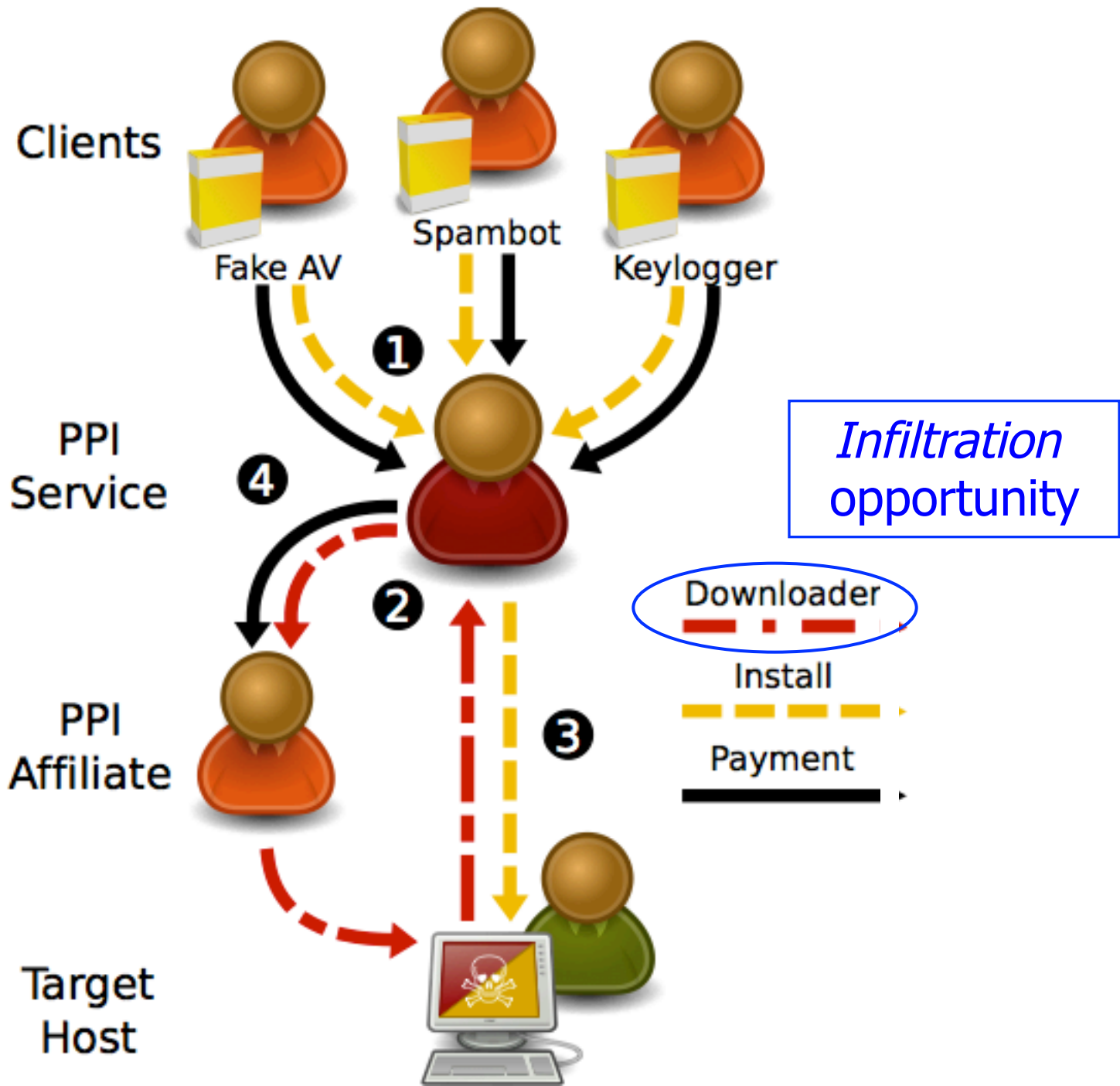
Advanced malware intelligence via PPI infiltration

Milking = mimic downloader, repeatedly ask PPI service for next program to install
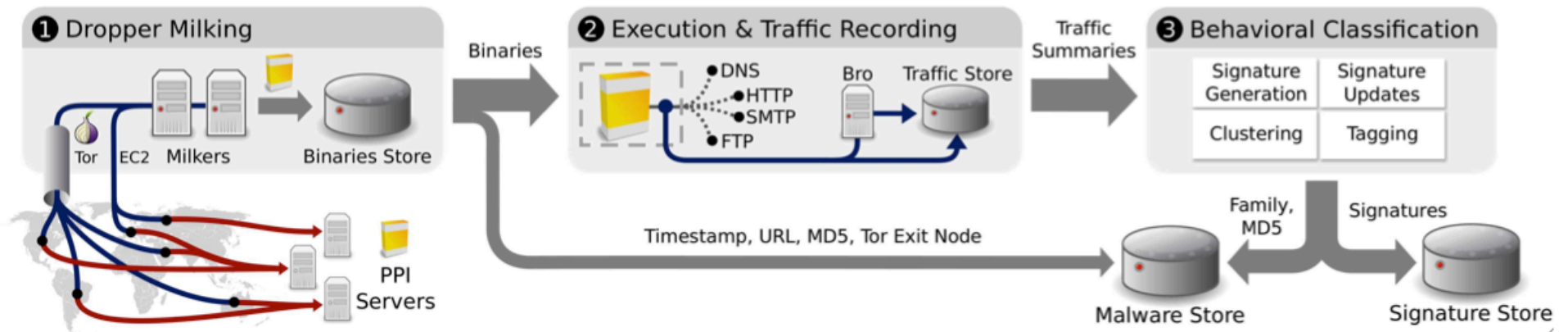
Running for five months, we downloaded ("milked") > 1M binaries (9K distinct) from 4 different affiliate programs

Malware Extracted via "Milking"

The majority of the world's top malware appeared in the "milk"

CDF

A handful of
specimens are
"old news"

1 week

Most specimens
take days to have
broad anti-virus
recognition

20+% have
[y]et to be seen

Days Until Seen On VirusTotal

CDF

Avg. PPI specimen
"lifetime": 11 days

Days Until Seen On VirusTotal

Ertfor

Malware that
targets Europe

Gleishug

Exclusive
to USA

Rustock

Omnivore

Securitysuite

SmartAdsSolutions

%

DE ES FR GB GR IT JP KR PT RU US

Country Code

BuyAccs.com
СЕРВИС РЕГИСТРАЦИИ АККАУНТОВ

Сейчас в продаже

Service	Кол-во акков	Цена за 1К аккаунтов
Mail.ru	37058	до 10К: **$5** | от 10К до 20К: **$4.5** | от 20К: **$4**
Hotmail.com	257870	до 10К: **$5** | от 10К до 20К: **$4.5** | от 20К: **$4**
Gmail.com USA PVA	2964	до 10К: **$100** | от 10К до 20К: **$95** | от 20К: **$90**
Yahoo.com	49716	до 10К: **$8** | от 10К до 20К: **$7.5** | от 20К: **$7**
AOL.com	28430	до 10К: **$20** | от 10К до 20К: **$20** | от 20К: **$20**
Facebook.com EN	5754	до 10К: **$100** | от 10К до 20К: **$95** | от 20К: **$90**
Linkedin.com	3536	до 10К: **$35** | от 10К до 20К: **$32** | от 20К: **$30**
Posterous.com	709	до 10К: **$30** | от 10К до 20К: **$30** | от 20К: **$30**
Twitter.com	68967	до 10К: **$20** | от 10К до 20К: **$18** | от 20К: **$17**
Pinterest.com	86	до 10К: **$35** | от 10К до 20К: **$35** | от 20К: **$35**

BuyAccs.com
СЕРВИС РЕГИСТРАЦИИ АККАУНТОВ

Сейчас в продаже

Service	Number Available	Цена за 1К аккаунтов
Mail.ru	37058	до 10K: **$5** | от 10K до 20K: **$4.5** | от 20K: **$4**
Hotmail.com	257870	до 10K: **$5** | от 10K до 20K: **$4.5** | от 20K: **$4**
Gmail.com USA PVA	2964	до 10K: **$100** | от 10K до 20K: **$95** | от 20K: **$90**
Yahoo.com	49716	до 10K: **$8** | от 10K до 20K: **$7.5** | от 20K: **$7**
AOL.com	28430	до 10K: **$20** | от 10K до 20K: **$20** | от 20K: **$20**
Facebook.com EN	5754	до 10K: **$100** | от 10K до 20K: **$95** | от 20K: **$90**
Linkedin.com	3536	до 10K: **$35** | от 10K до 20K: **$32** | от 20K: **$30**
Posterous.com	709	до 10K: **$30** | от 10K до 20K: **$30** | от 20K: **$30**
Twitter.com	68967	до 10K: **$20** | от 10K до 20K: **$18** | от 20K: **$17**
Pinterest.com	86	до 10K: **$35** | от 10K до 20K: **$35** | от 20K: **$35**

BuyAccs.com
СЕРВИС РЕГИСТРАЦИИ АККАУНТОВ

🖨 Сейчас в продаже

Service	Number Available	Price per 1K Accounts
Mail.ru	37058	до 10K: **$5** | от 10K до 20K: **$4.5** | от 20K: **$4**
Hotmail.com	257870	до 10K: **$5** | от 10K до 20K: **$4.5** | от 20K: **$4**
Gmail.com USA PVA	2964	до 10K: **$100** | от 10K до 20K: **$95** | от 20K: **$90**
Yahoo.com	49716	до 10K: **$8** | от 10K до 20K: **$7.5** | от 20K: **$7**
AOL.com	28430	до 10K: **$20** | от 10K до 20K: **$20** | от 20K: **$20**
Facebook.com EN	5754	до 10K: **$100** | от 10K до 20K: **$95** | от 20K: **$90**
Linkedin.com	3536	до 10K: **$35** | от 10K до 20K: **$32** | от 20K: **$30**
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Twitter.com	68967	до 10K: **$20** | от 10K до 20K: **$18** | от 20K: **$17**
Pinterest.com	86	до 10K: **$35** | от 10K до 20K: **$35** | от 20K: **$35**

Merchant	Period	#	Accts	Price
alexissmalley[†]	06/12–03/13	14	13,000	$4
naveedakhtar[†]	01/13–03/13	4	2,044	$5
truepals[†]	02/13–03/13	3	820	$8
victoryservices[†]	06/12–03/13			
webmentors2009[†]	10/12–03/13			
buuman[ΙΙ]	10/12–10/12			
danyelgallu[ΙΙ]	10/12–10/12			
denial93[ΙΙ]	10/12–10/12			
formefor[ΙΙ]	09/12–11/12			
ghetumarian[ΙΙ]	09/12–10/12			
jackhack08[ΙΙ]	09/12–09/12			
kathlyn[ΙΙ]	10/12–10/12			
smokinbluelady[ΙΙ]	08/12–08/12			
twitfollowers[ΙΙ]	10/12–10/12			
twitter007[ΙΙ]	10/12–10/12	1	75	$7
kamalkishover[◇]	06/12–03/13	14	12,094	$4–7
shivnagsudhakar[◇]	06/12–06/12	1	1,002	$4
accs.biz[‡]	05/12–03/13	15	17,984	$2–3
buyaccountsnow.com[‡]	06/12–11/12	8	7,999	$5–8
buyaccs.com[‡]	06/12–03/13	14	13,794	$1–3
buytwitteraccounts.biz[‡]	09/12–10/12	3	2,875	$5
buytwitteraccounts.info[‡]	10/12–03/13	9	9,200	$3–4
dataentryassistant.com[‡]	10/12–03/13	9	5,498	$10
getbulkaccounts.com[‡]	09/12–09/12	1	1,000	$2
quickaccounts.bigcartel[‡]	11/12–11/12	2	1,501	$3
spamvilla.com[‡]	06/12–10/12	3	2,992	$4
xlinternetmarketing.com[‡]	10/12–10/12	1	1,000	$7
Total	05/12–03/13	140	120,019	$1–20

Name	Screenname	Email
Trstram Aiken	Trstramsse912	KareyKay34251@hotmail.com
Millicent Comolli	Millicentrpq645	DanHald46927@hotmail.com
Wendy Hunt	WendyHunt5	imawzgaf7083@hotmail.com
Kristina Levy	KristinaLevy6	exraytj8143@hotmail.com
Kiera Barbo	Kierayvydb	LinJose344@hotmail.com
Jeannine Allegrini	Jeanninewoqzg	OpheliaStar461@hotmail.com
ola dingess	olawhdingess	TimeffTicnisha@hotmail.com
brinda neff	brindagtgneff	ScujheShananan@hotmail.com

предложить аккаунты различных **почтовых служб** и **бесплатных**
. Вы получете аккаунты **СРАЗУ после оплаты** заказа через Webmoney.

06 Апр 2013
Временно не продаем аккаунты
Twitter.com

Developed *classifiers* to match **all** accounts registered from the same template …

… and using same registartion machinery

Магазин Аккаунтов #1 в Рунете: Продажа Аккаунтов и Редиректов с Мгновенной Доставкой

Merchant	Period	#	Accts	Price
alexissmalley[†]	06/12–03/13	14	13,000	$4
naveedakhtar[†]	01/13–03/13	4	2,044	$5
truepals[†]	02/13–03/13	3	820	$8
victoryservices[†]	06/12–03/13			
webmentors2009[†]	10/12–03/13			
buuman[II]	10/12–10/12			
danyelgallu[II]	10/12–10/12			
denial93[II]	10/12–10/12			
formefor[II]	09/12–11/12			
ghetumarian[II]	09/12–10/12			
jackhack08[II]	09/12–09/12			
kathlyn[II]	10/12–10/12			
smokinbluelady[II]	08/12–08/12			
twitfollowers[II]	10/12–10/12			
twitter007[II]	10/12–10/12	1	75	$7
kamalkishover[◇]	06/12–03/13	14	12,094	$4–7
shivnagsudhakar[◇]	06/12–06/12	1	1,002	$4
accs.biz[‡]	05/12–03/13	15	17,984	$2–3
buyaccountsnow.com[‡]	06/12–11/12	8	7,999	$5–8
buyaccs.com[‡]	06/12–03/13	14	13,794	$1–3
Total	05/12–03/13	140	120,019	$1–20

Name	Screenname	Email
Trstram Aiken	Trstramsse912	KareyKay34251@hotmail.com
Millicent Comolli	Millicentrpq645	DanHald46927@hotmail.com
Wendy Hunt	WendyHunt5	imawzgaf7083@hotmail.com
Kristina Levy	KristinaLevy6	exraytj8143@hotmail.com
Kiera Barbo	Kierayvydb	LinJose344@hotmail.com
Jeannine Allegrini	Jeanninewoqzg	OpheliaStar461@hotmail.com
ola dingess	olawhdingess	TimeffTicnisha@hotmail.com
brinda neff	brindagtgneff	ScujheShananan@hotmail.com

предложить аккаунты различных **почтовых служб** и **бесплатных**
... Вы получете аккаунты **СРАЗУ после оплаты** заказа через **Webmoney**.

06 Апр 2013
Временно не продаем аккаунты **Twitter.com**

15 Мар 2013
Отличная цена на аккаунты **Facebook.com**! Всего **$80** за **1000 шт.** Дешевле не бывает!

07 Фев 2013
Сенсационная цена на аккаунты **Yahoo.com**. Теперь отличные аккаунты **со всеми регистрационными данными** по цене **от $7** за **1000 шт!**

06 Фев 2013

Worked with Twitter to assess classifier:
- Precision: 99.9942%
- Recall: 95%

Detected "millions" of accounts …

https://buyaccs.com/en/   Google

BuyAccs.com

BUY BULK ACCOUNTS AT BEST PRICES

If you need quality **bulk accounts**, you've come to the right place. You can get your accounts **immediately** after your payment - there is no need to wait.

All the accounts are provided in **any format** you like. Just use our **free account converter** to get them in the way you need.

Special rates are applied if you purchase less than 1000 accounts.

We accept Liberty Reserve and Paypal.

Please, review our terms and conditions before purchasing any accounts.

Buy Yahoo Account
Buy Twitter Accoun
Buy Livejournal Acc
Buy Hotmail Accoun

For sale

06 Apr 2013
Twitter accounts are not available. We will start selling them shortly.

Provider	Quantity	Rate for 1000
Hotmail.com	449292	1K-10K: **$5** | 10K-20K: **$4.5** | 20K+: **$4**
Hotmail.com Verified	423418	1K-10K: **$6** | 10K-20K: **$5.5** | 20K+: **$5**
Outlook.com Plus	9661	1K-10K: **$4** | 10K-20K: **$3.5** | 20K+: **$3**
Gmail.com USA PVA	4340	1K-10K: **$100** | 10K-20K: **$95** | 20K+: **$90**
Yahoo.com	14058	1K-10K: **$8** | 10K-20K: **$7.5** | 20K+: **$7**
Yahoo.com USA	8688	1K-10K: **$15** | 10K-20K: **$15** | 20K+: **$15**
Nokiamail.com	0	1K-10K: **$10** | 10K-20K: **$10** | 20K+: **$9**

06 Apr 2013
Twitter accounts are not available. We will start selling them shortly.

07 Feb 2013
Added **Instagram** accounts at a great rate: **$50** per **1000**.

04 Dec 2012
Just added **Fully Profiled Twitter Accounts** at a great rate - **$30** per **1000**. Accounts come with **avatar, bio and random background**.

19 Nov 2012
Great prices for wholesale **Twitter.com** and **Hotmail.com** orders!

Merchant Reactions

> **"** All of the stock got suspended ... Not just mine .. It happened with all of the sellers .. Don't know what twitter has done ... **"**

- Immediately after:
  - 90% of purchased accounts suspended on arrival
- 2 weeks after:
  - 50% of purchased accounts suspended on arrival
- Strangely, no price changes!

Canadian Pharmacy

http:// www.anywhere.com /

G ▼ Google

Home   Bestsellers   All products   FAQ   Contact us

$ € £   Pharma Bonus

Your cart: **$0.00** (0 items)
Proceed to Checkout ›

Canadian 🍁 Pharmacy
#1 Internet Online Drugstore

Products list

VIAGRA
For Order more than $300:
12 VIAGRA PILLS
FREE
For other Orders:
4 VIAGRA PILLS

⭐ **Bestsellers**

● Male Enhancement

● Men's Health

● SALES - 20% OFF

● Female Enhancement

● Weight Loss

● Gums New!

● Body-Building

● Hypnotherapy

Viagra + Cialis   69⁹⁹$
10 x Viagra
100 mg
10 x Cialis
20 mg
ORDER NOW

Penis Growth Pack   179⁹⁵$
Penis
Growth Pills
1 bottle x 60caps
Penis Growth Oil
1 tube x 2oz
ORDER NOW

Viagra   225⁶¹$
120 pills
100 mg
+4 Free pills
ORDER NOW

Search by name: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 5   Search:

Today's Bestsellers
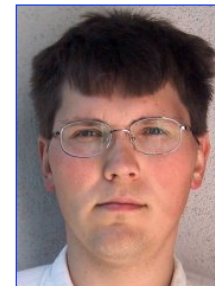
Viagra
Our price
$1.21
More info   Add to cart

Cialis
Our price
$2.18
More info   Add to cart

Viagra Professional
Our price
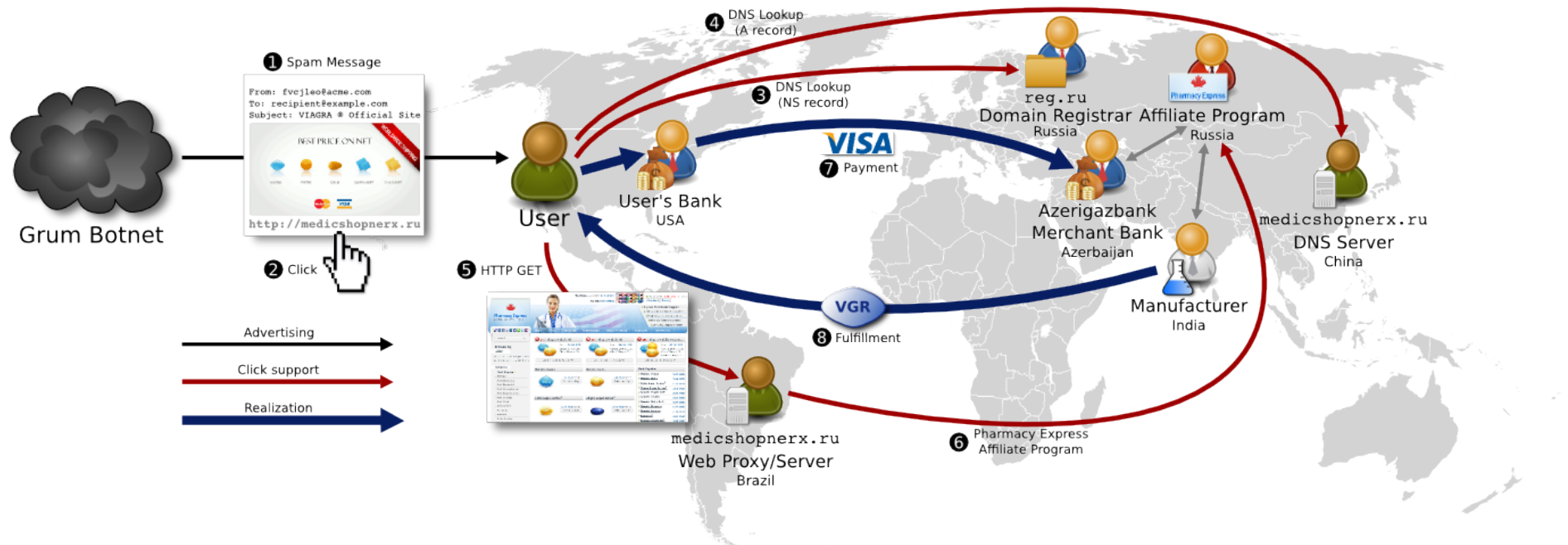**$3.73**
More info   Add to cart

Done

Kirill Levchenko

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I am a project scientist with the Systems and Networking group in the Computer Science department at the University of California, San Diego. My current research

Phases of the Spam Value Chain

If we were to "snip" a link in this chain, which one would be the most disruptive for our least expenditure?

Feed Name	Feed Description	Received URLs	Distinct Domains
Feed A	MX honeypot	32,548,304	100,631
Feed B	Seeded honey accounts	73,614,895	35,506
Feed C	MX honeypot	451,603,575	1,315,292
Feed D	Seeded honey accounts	30,991,248	79,040
Feed X	MX honeypot	198,871,030	2,127,164
Feed Y	Human identified	10,733,231	1,051,211
Feed Z	MX honeypot	12,517,244	67,856
Cutwail	Bot	3,267,575	65
Grum	Bot	11,920,449	348
MegaD	Bot	1,221,253	4
Rustock	Bot	141,621,731	13,612,815
Other bots	Bot	7,768	4
Total		968,918,303	17,813,952

Table I: Feeds of spam-advertised URLs used in this study. We collected feed data from August 1, 2010 through October 31, 2010.

Affiliate Program	URLs	Volume	Domains
RX–Promotion	160,522,026	21.7%	10,586
Mailien	69,961,211	23.57%	14,444
Pharmacy Express	69,959,633	23.57%	14,381
ED Express	1,578	<0.01%	63
ZedCash (Pharma)	42,297,130	18.93%	6,981
Dr. Maxman	32,184,860	13.19%	5,641
Viagrow	5,222,658	3.57%	386
US HealthCare Inc.	3,196,538	1.42%	167
MaxGentleman	1,144,703	0.39%	672
VigREX	426,873	0.31%	39
Stud Extreme	71,104	0.05%	43
ManXtenz	50,394	<0.01%	33
GlavMed	28,313,136	7.84%	2,933
Online Pharmacy	17,266,034	5.07%	2,922
EvaPharmacy	12,798,999	7.91%	11,285
World Pharmacy	10,412,850	5.88%	691
PH Online	2,971,368	2.14%	101
Swiss Apotheke	1,593,532	0.21%	118
HerbalGrowth	265,131	0.19%	17
RX Partners	229,248	0.15%	448
Stimul-cash	157,537	0.07%	50
MAXX Extend	104,201	<0.01%	23
DrugRevenue	51,637	0.05%	122
Ultimate Pharmacy	44,126	0.02%	12
Greenline	25,021	<0.01%	1,766
Virility	23,528	0.01%	9
MediTrust	6,156	<0.01%	24
RX Rev Share	5,690	<0.01%	183
Unknown Program	3,310	<0.01%	1,270
Canadian Pharmacy	1,392	<0.01%	133
RXCash	287	<0.01%	22
Stallion	80	<0.01%	2
Pharma Total	**347,053,630**	**93.74%**	**54,142**

Affiliate Program	URLs	Volume	Domains
Royal Software	2,291,571	1.48%	572
EuroSoft	694,810	0.31%	1,161
Auth. Soft. Resellers	65,918	<0.01%	4,117
OEM Soft Store	19,436	<0.01%	1,367
Soft Sales	93	<0.01%	35
Software Total	**3,071,828**	**1.79%**	**7,252**

Affiliate Program	URLs	Volume	Domains
ZedCash (Replica)	13,264,108	4.29%	7,011
Ultimate Replica	10,464,930	3.35%	5,032
Distinction Replica	1,252,816	0.3%	130
Diamond Replicas	506,486	0.14%	1,307
Prestige Replicas	382,964	0.16%	101
Exquisite Replicas	620,642	0.32%	128
One Replica	21,318	0.02%	83
Luxury Replica	11,207	<0.01%	28
Aff. Accessories	3,669	<0.01%	187
Swiss Rep. & Co.	76	<0.01%	15
WatchShop	2,086,930	0.17%	547
Replica Total	**15,351,038**	**4.46%**	**7,558**

Search products by name

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

PAIN RELIEF

Vicodin ES
Hydrocodone
Percocet
Lortab
Darvocet (Proxyvon)
Codeine
View all products

ANTI-ANXIETY

Xanax
Valium (® ROCHE)
Ativan (® Wyeth)
Klonopin (generic)
Valium (generic)
Anti-Anxiety Pack
Atarax
View all products

ADHD Treatment

Adderall
Brand Ritalin
View all products

WEIGHT LOSS

Phentermine

Order approved

Your transaction has been approved.

Your order ID: 138731
First name: Kirill
Last name: Levchenko
Card used with this order: 46*****2288
Total amount charged: $52.95

The following billing descriptor appear on your credit card statement:

============================

medissue.com +12175686119

=============================

Tracking number will be sent on your email once medications will be shipped.

NOTE: Contact us about your order only through customers support system www.rxsup24.com
Before contact us and ask about time for delivery please read our shipping policy.

ORDER STATUS, TRACKING NUMBER, FAQ ABOUT DELIVERY:

Website menu --> Order status

Dear **Kirill Levchenko**, if you have any questions regarding your order, shipping, please contact us at:

Customers support system: www.rxsup24.com

----

vpXl

#1 Dietary
Supplement for Men

100% Natural
Dietary Supplement

Contains 60 capsules

SEALED FOR YOUR PROTECTION

thank you for using

Priority

thank

Zinc

Prop

Tribulus Terrestris
Horny Goat Weed
L-Arginine
Maca
Oat Straw
Panax Ginseng
Catuaba
Muira Puama
Oyster Shell
Stinging Nettle
Orchic Powder
Sarsaparilla
Licorice
Pumpkin Seed
Cayenne
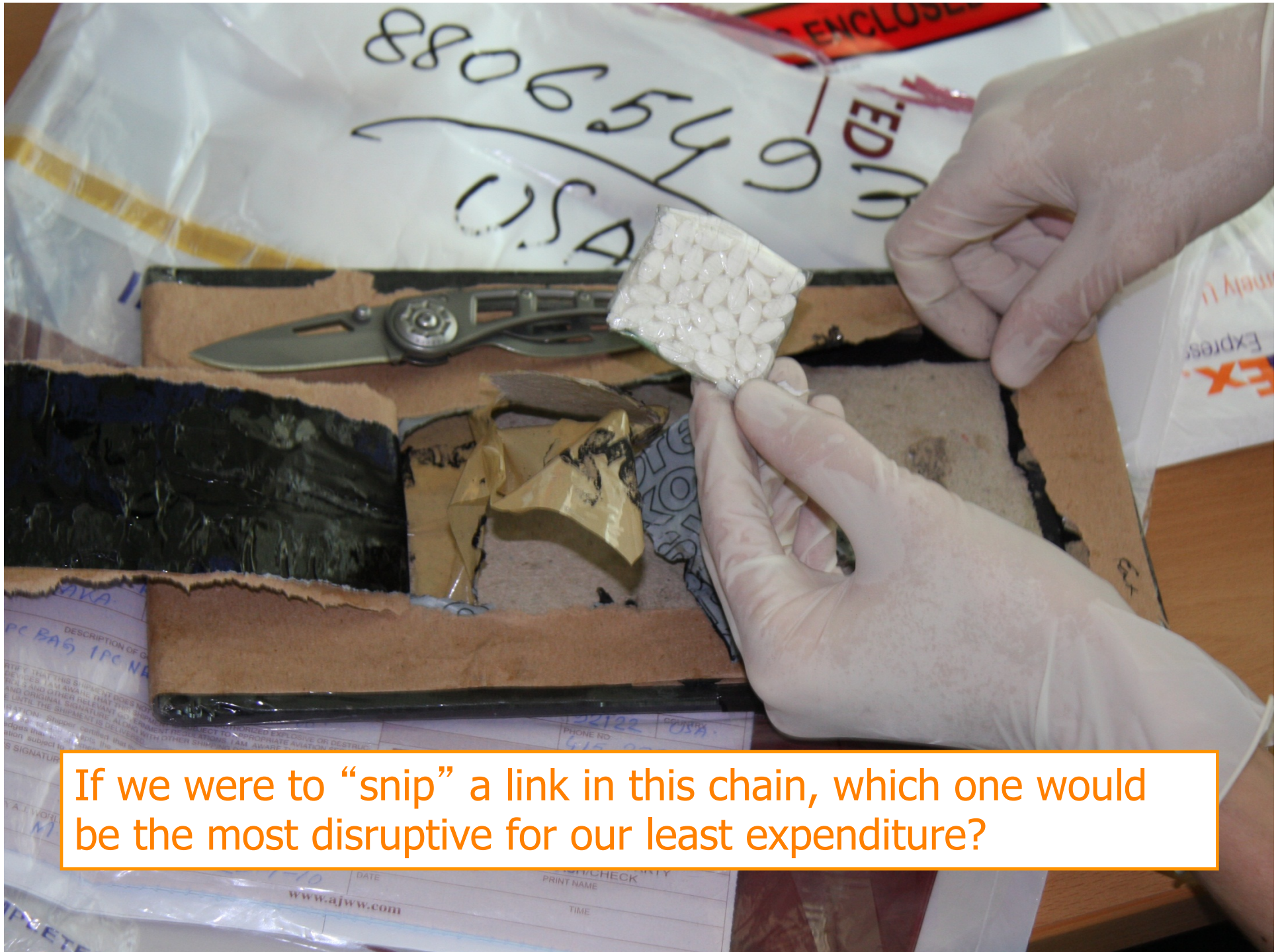
If we were to "snip" a link in this chain, which one would be the most disruptive for our least expenditure?

The Opinion Pages

EDITORIAL

Spammers and Their Bankers

In early 2004 Bill Gates claimed that "two years from now, spam will be solved." Today it amounts to 70 percent of all e-mail. Yet there may be a chance to cut it back.

In March, spam volumes tumbled as United States marshals seized computers at Internet hosting facilities that controlled Rustock, a

The good news is there may be other ways to disrupt spammers. The Times's John Markoff reported that computer scientists at two University of California campuses have found another vulnerability: spammers' banks.

To track the flow of information, the researchers made hundreds of purchases. Buying Viagra from the Pharmacy Express group in Russia involved computers in Brazil, China and Turkey. The Viagra came from India. But 95 percent of the purchases were handled by three banks — in Azerbaijan, Latvia and St. Kitts and Nevis. This suggests that if banks

Owned by supplier

MEDINC.BIZ
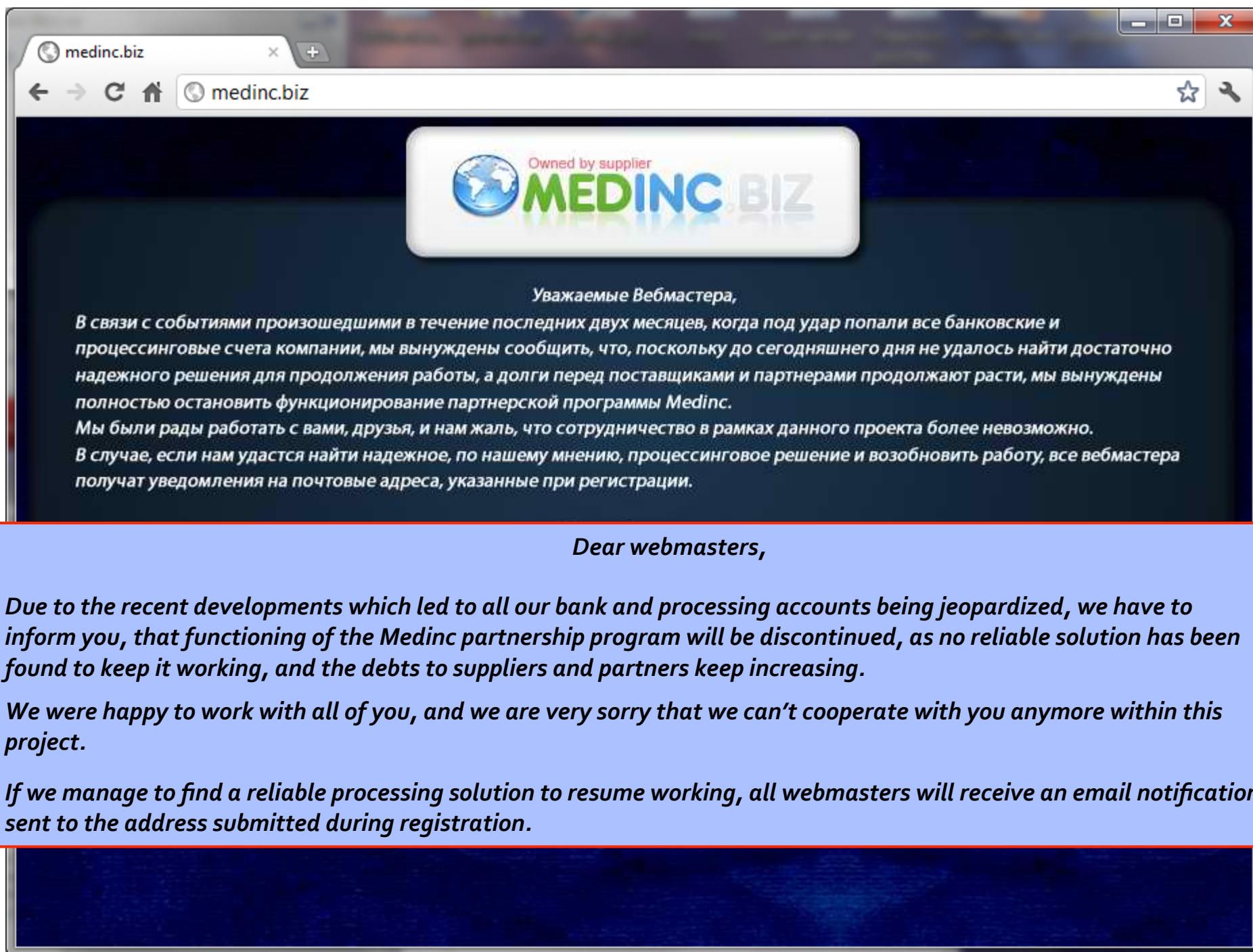
Уважаемые Вебмастера,

В связи с событиями произошедшими в течение последних двух месяцев, когда под удар попали все банковские и процессинговые счета компании, мы вынуждены сообщить, что, поскольку до сегодняшнего дня не удалось найти достаточно надежного решения для продолжения работы, а долги перед поставщиками и партнерами продолжают расти, мы вынуждены полностью остановить функционирование партнерской программы Medinc.

Мы были рады работать с вами, друзья, и нам жаль, что сотрудничество в рамках данного проекта более невозможно.

В случае, если нам удастся найти надежное, по нашему мнению, процессинговое решение и возобновить работу, все вебмастера получат уведомления на почтовые адреса, указанные при регистрации.

Dear webmasters,

Due to the recent developments which led to all our bank and processing accounts being jeopardized, we have to inform you, that functioning of the Medinc partnership program will be discontinued, as no reliable solution has been found to keep it working, and the debts to suppliers and partners keep increasing.

We were happy to work with all of you, and we are very sorry that we can't cooperate with you anymore within this project.

If we manage to find a reliable processing solution to resume working, all webmasters will receive an email notification sent to the address submitted during registration.

Glavmed Forum - официальный форум партнерской программы ГлавМед > Форум > О Главмеде
ВАЖНО: переход в режим "ПАУЗА"!

Post Reply

Страница 1 из 2 **1** 2 > ▼

Опции темы ▼ | Опции просмотра ▼

🗋 29-06-2012, 23:28 #1

funny_duck
Регистрация: 23-05-2007
Сообщений: 273

📄 ВАЖНО: переход в режим "ПАУЗА"!

Уважаемые Партнеры,

Как вы могли заметить, последние пару дней у нас проблемы с процессингом. Решение вопроса "подвисло" в воздухе, и пока не ясны окончательные сроки его разрешения.

Мы принципиально не хотим собирать "вейтинги" и по сути работать в батч. Мы так же не готовы рисковать вашими деньгами с малознакомыми и не очень серьезными посредниками. Поэтому с настоящего момента **весь ГлавМед переходит в режим "ПАУЗА"**. Никакие новые заказы обрабатываться не будут до момента решения вопроса с процессингом. Все уже запроцешенные заказы будут выполнены, как и следует.

Убедительная просьба временно перевести свой трафик на другие шопы/проекты.

Quote

6/29/2012

Dear Partners,

As you may have noticed, in the last couple of days we've had problems with processing. We don't have a solution yet, and there is no concrete time when it will be resolved.
....
From this point forward, GlavMed is switching to a "PAUSED" mode. No new orders will be processed until the processing issue is resolved.
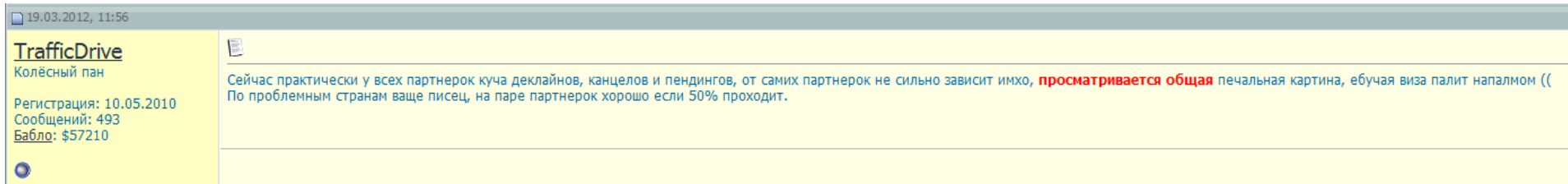........
We urge you to temporarily switch your traffic to other shops/projects.

"Right now most affiliate programs have a mass of declines, cancels and pendings, and it doesn't depend much on the program imho, there is a general sad picture, fucking Visa is burning us with napalm (for problematic countries, it's totally fucked, on a couple of programs you're lucky if you get 50% through)."

The Power of Infiltration

- The power of modern Internet attacks arises from their execution at scale …

- … but also renders them vulnerable to infiltration
  - PPI: *technical* infiltration ⇒
    real-time malware intelligence feed
  - Account purchasing: *participant* infiltration ⇒
    identification & disruption of bulk stock
  - Click "trajectories": *victim/target* infiltration ⇒
    illumination of spam business elements
    - Including key payment-processing vulnerability

- … which can prove *hugely more effective* than pointwise defense