



The Russian DDoS One

Booters to Botnets





The Russian DDoS One

Booters to Botnets

\$ whoami

- Dennis Schwarz
 - Sr. Security Research Analyst



(Formerly) Security Analyst





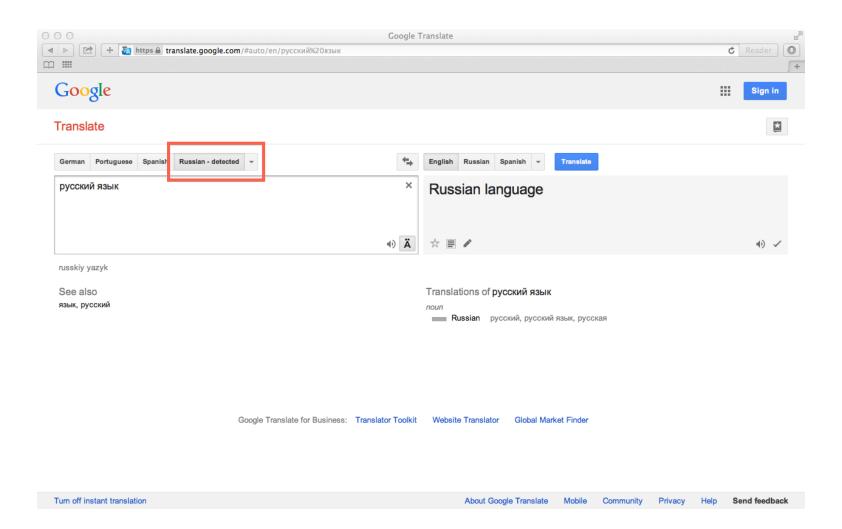
Disclaimer #1

 "Failure [to properly attribute malware and threat actors] is always an option!"





Disclaimer #2





Political Correctness #1





The Russian DDoS One or RD1

 Because why should APT groups be the only ones with fancy names?

Informal grouping

- DDoS as a Service
 - DDoS booters

Public Russian language underground/hacking forums

Forum Sampling







ProLogic.Su









Threat Actor Sampling











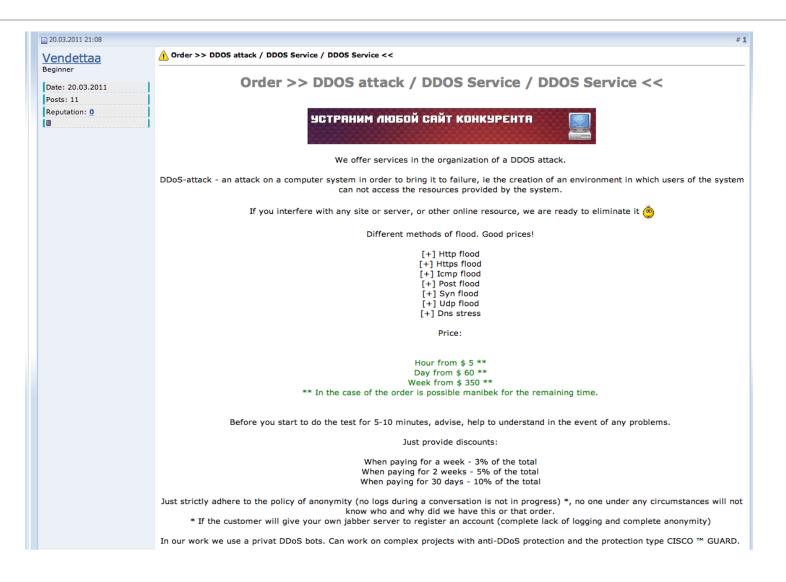








Advertisement





Customers

- Gaming
- Rivalry
- Anti-competition
- Ransom
- Diversion



DDoS Attack Types

- ICMP flood
- UDP flood
- TCP flood
- TCP SYN flood
- HTTP GET/POST flood
- Slowloris
- DNS specific floods



Pricing

Hourly: \$5-15

Daily: \$40-80

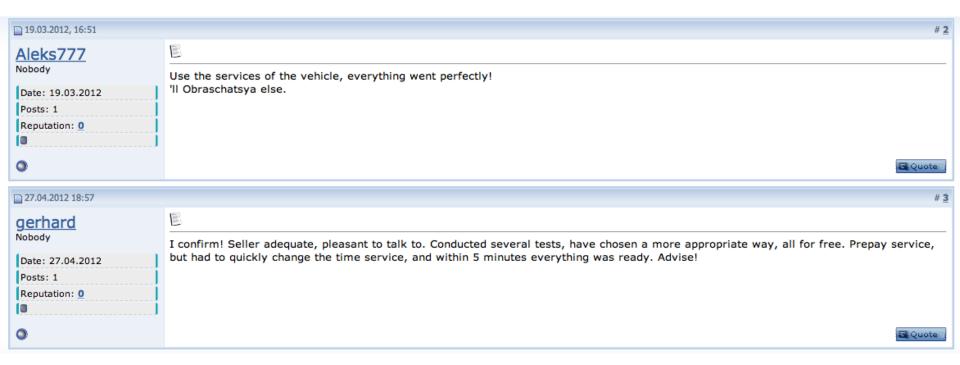
Weekly: \$260-400

Trend Micro's Cybercriminal Underground
 Economy Series: Russian Underground Revisited

Service	2011 Price	2012 Price	2013 Price
DDoS attack: • Lasts 1 hour • Lasts 24 hours	US\$4-10	US\$2–25	US\$2–60
	US\$30-70	US\$15–60	US\$13–200

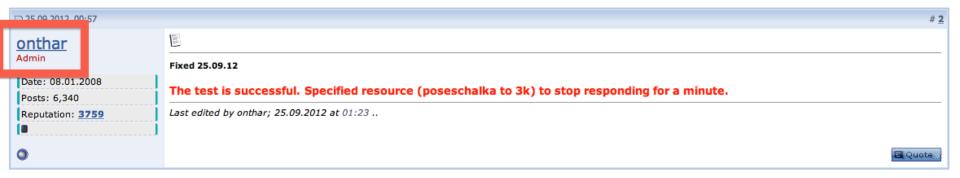


Reputation – Member Vouches





Reputation – Admin Test Targets



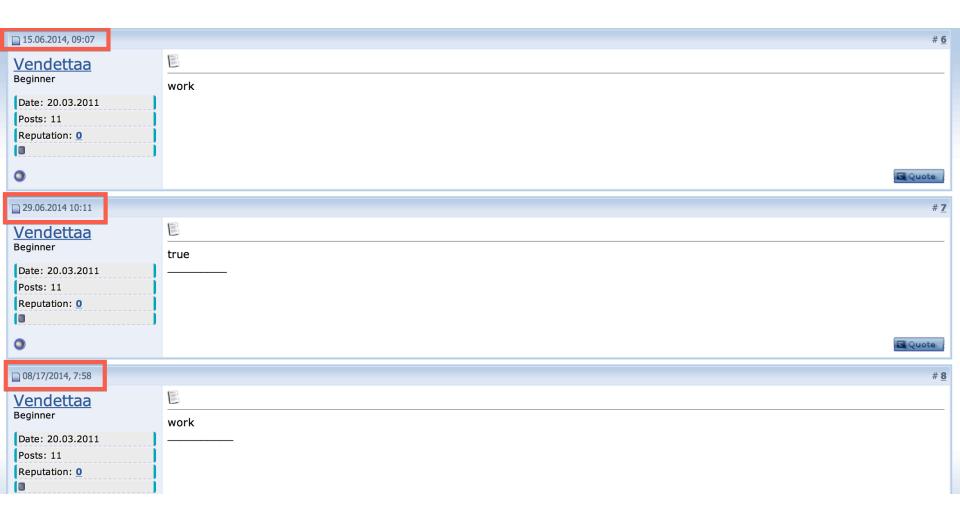


Reputation – Dispute Resolution

- Forum admins
 - Judge
 - Jury
 - Executioner
- Doxing
 - "Blacklist" section on forums
 - Pastebin



"Working"





Communications

- ICQ
- Jabber
- Skype

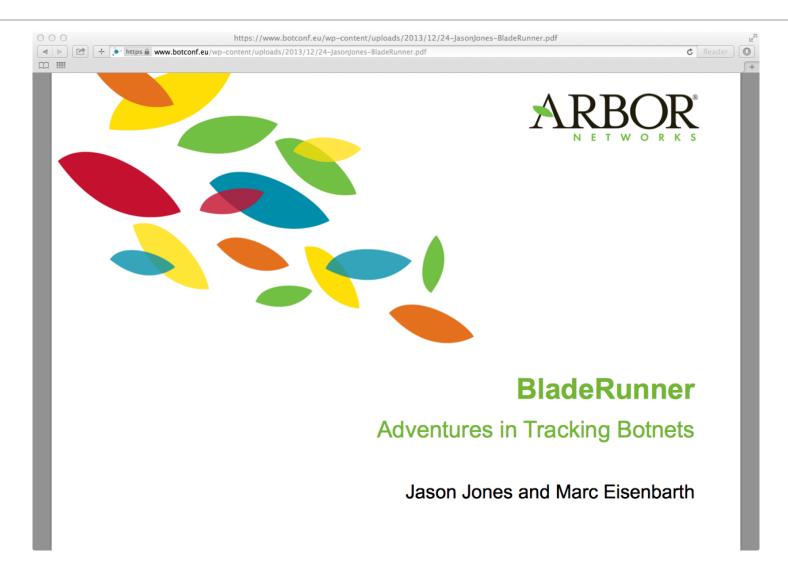


DDoS Booters – Back-end Infrastructures

 "hmm, i dont know about wich booters you talking, but russian ddosers always used botnets" [sic] – AreYouAreDo



BladeRunner



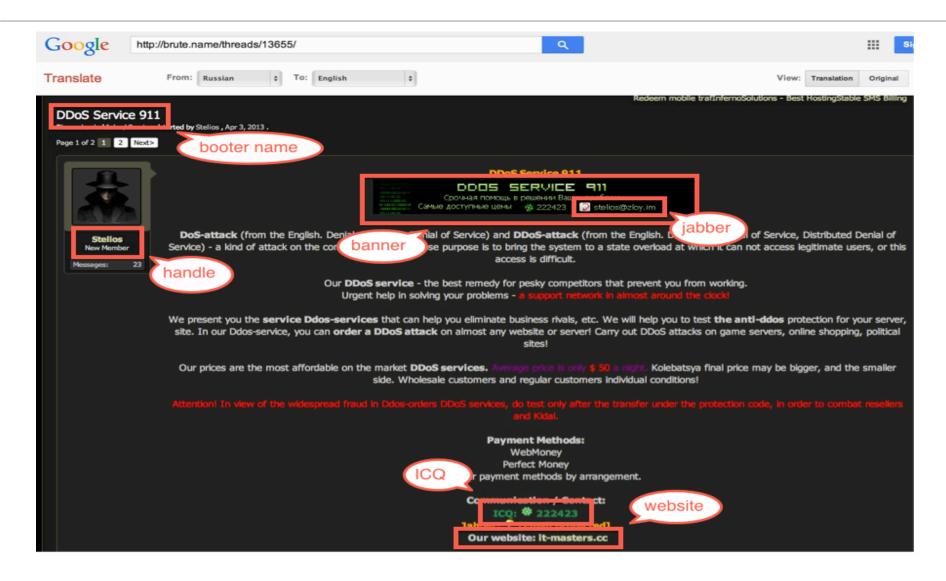






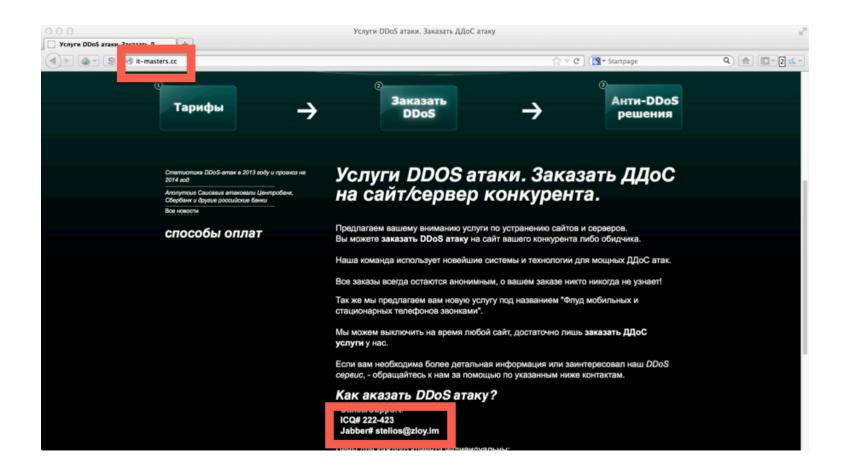
The Many Booters of Stelios

Stelios - Ad



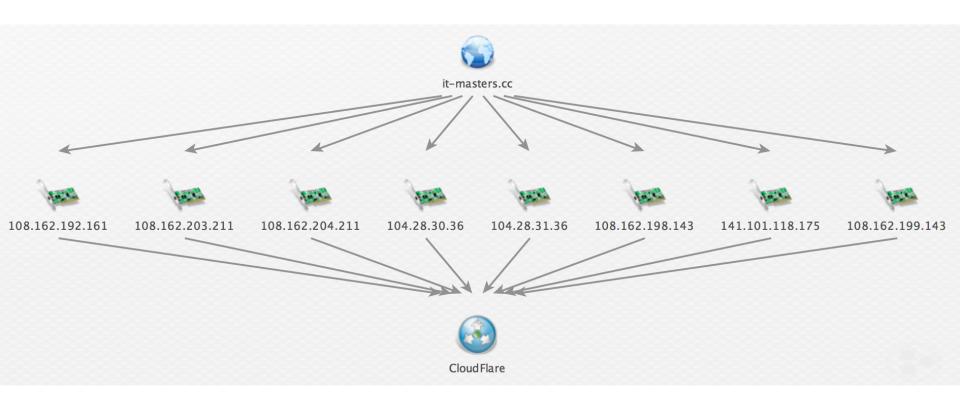


Stelios - it-masters.cc





Stelios – it-masters.cc



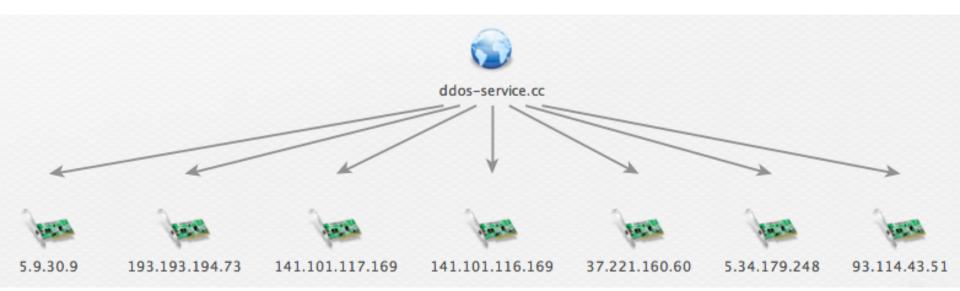


Stelios – Initial Pivots

- Handles
 - Satory (2013)
 - maverbest (2013)
 - maverickxx (2012)
 - maverick (2011)
 - BadGateway (2011)
- ICQ
 - 332212
 - 372223
 - **444556**
- Jabber
 - stelios@jabber.se
 - maverick@xmpp.jp
 - stelios@exploit.im
- Websites
 - ddos-service.cc
 - ddos-service.ws

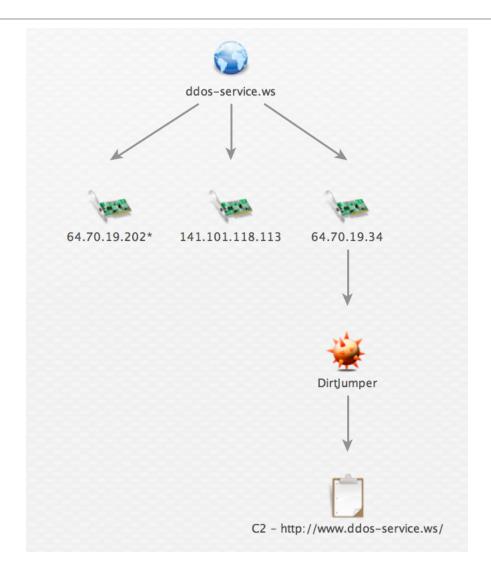


Stelios – ddos-service.cc



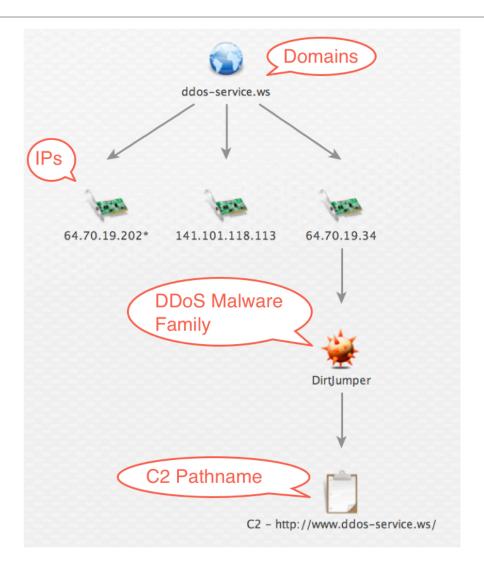


Stelios – ddos-service.ws





My Maltego Outline





Stelios – Nginx Identity



Handle: Nginx (2013)

ICQ: 497065

Jabber: nginx@xabber.de

Emails

ddos_ddos@aol.com

antiddos@ukr.net

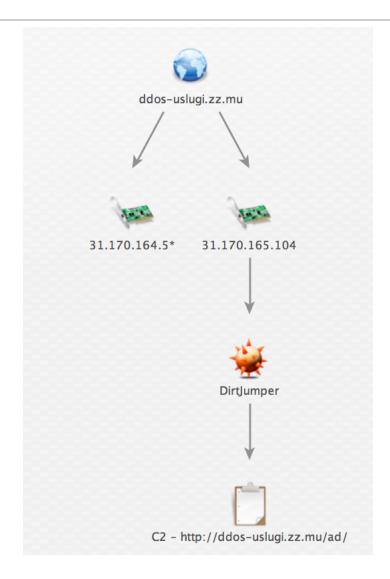
Websites

ddos-uslugi.zz.mu

ddos-service.nethouse.ru



Stelios – ddos-uslugi.zz.mu





Stelios - ddos-service.nethouse.ru





Stelios - C2 Patterns

- ddos-service.cc
- ddos-service.ws
- ddos-uslugi.zz.mu → "uslugi" Polish for "service"?
- ddos-service.nethouse.ru



Stelios - Doxed

Stelios = maverick + D // Slexy 2.0

siexy.org/raw/szngsmvnvP

Author: maverick, Language: text. Description: **Stelios = maverick =** D, Timestamp : 2013-09-24 04:21:25 -0400 ...

Exploit.IN Forum -> Stelios aka Maverick icq 222423 stelios...

exploit.in > ... > Black List > Black List ▼ Translate this page

Aug 16, 2014 - 20 posts - 7 authors

Приветствую! Претензии по сути нет, суть этого поста в разоблачении **Stelios** aka **Maverick**. Данный индивид по подтвержденной ...

Maverick 444556, Внимание - кидала

kidala.info/kidala_ripper_18775.shtml ▼ Translate this page

May 1, 2012 - Jabber(2) кидалы: maverick@thesecure.biz. Jabber(3) кидалы: maverick@ exploit.im. Jabber(4) кидалы: stelios@jabber.se. Сайт кидалы: ...

VeNoM||.Stel!o[S] CSS - 3 Kill Together (with Maverick



www.youtube.com/watch?v=OWuAar3j0NI

Feb 22, 2010 - Uploaded by Stelios Tr.

Sign in to YouTube. Sign in with your Google Account (YouTube, Google+, Gmail, Orkut, Picasa, or Chrome) to ...

Advent Chaos - The Gaming Family Wiki

thegamingfamily.wikia.com/wiki/Advent_Chaos -

Upon arriving, though, there is an air of unease, as **Maverick** makes **Stelios** an offer, to join an organization called the Cult of Chaos. **Stelios** does not comply, ...

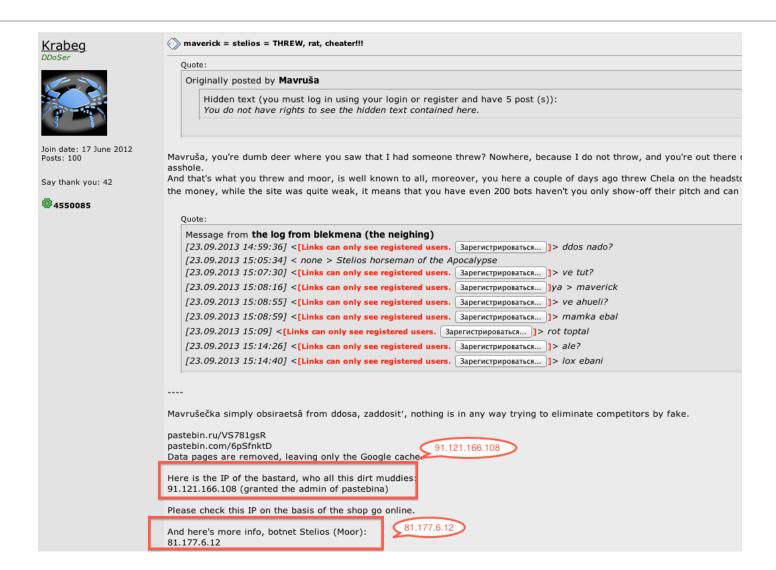
Maverick=Stelios кидала! - ShopWorld

shopworld.biz > ... > Людям о людях > Black ▼ Translate this page

Если у вас есть доказательства мультовства - прошу предоставить их, а так это лишь ваши пустые слова и домыслы.. Я могу тоже ...

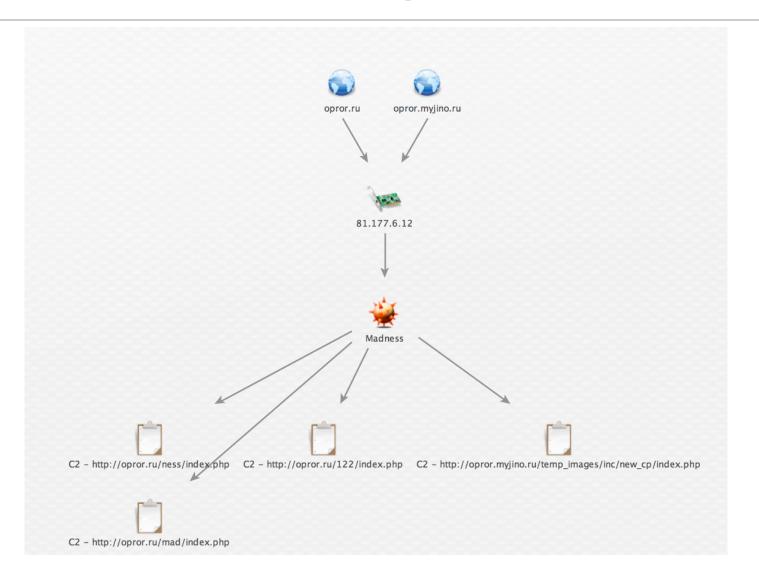


Stelios - IPs



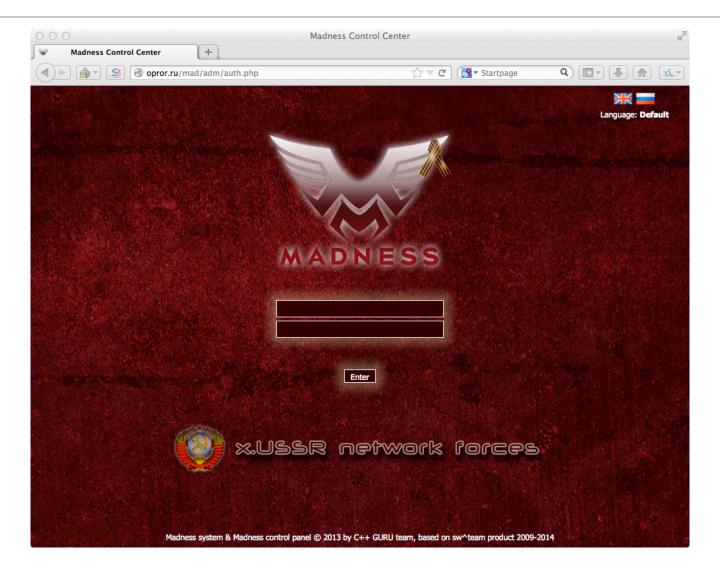


Stelios – 81.177.6.12 – Opror





Stelios – Opror – Madness



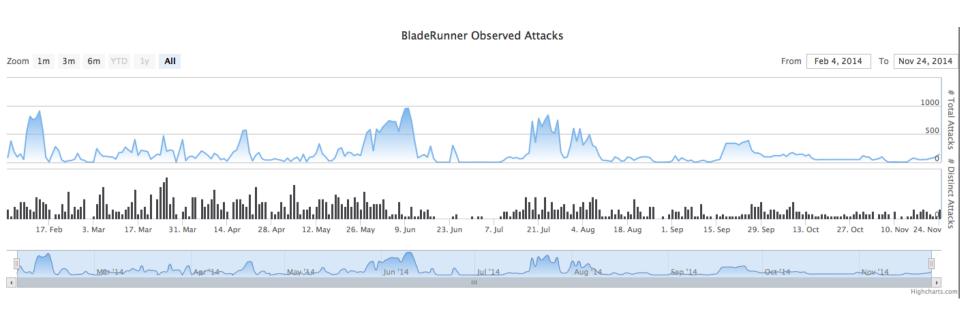


Stelios – Opror – BladeRunner

- First logged attack: February 4, 2014
- Last logged attack: November 25, 2014
- Distinct target domains: 509



Stelios – Opror – BladeRunner





Stelios – Opror – BladeRunner

```
www.groupanoo.com www.vottle.com
                   www.thetripp.net
```

www.pnc.com darkmoney.cc

www.seitcheck.de/www-singleflirter-com/10959
www.treasury.pncbank.com

corepillar.com anti-aging-labs.com

apps.pnc.com it-masters.cc

valuta.so liberty24.net

waimai.meituan.com

ufolabs.net



Stelios – Opror – BladeRunner?

```
www.groupanoo.com www.vottle.com
                     www.thetripp.net
           www.pnc.com darkmoney.cc
    ww.seitcheck.de/www-singleflirter-com/10959
                 www.treasury.pncbank.com
        corepillar.com anti-agir g-iaos.com
                          it-masters.cc
            apps.pnc.com
   valuta.so liberty24.net
              waimai.meituan.com
                       ufolabs.net
```

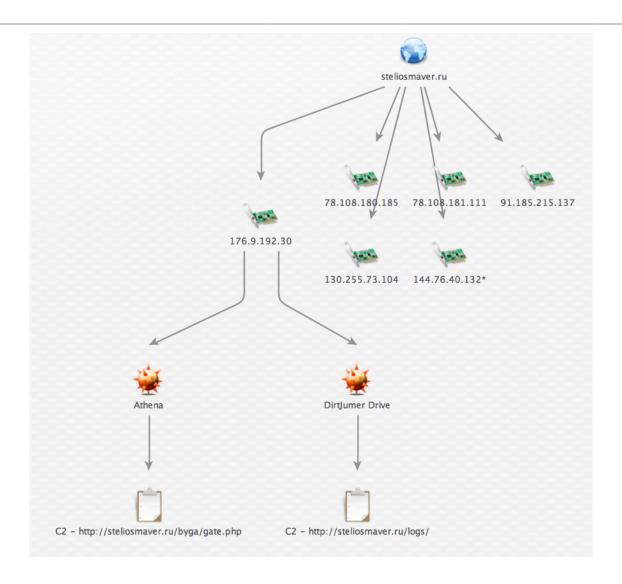


Stelios - steliosmaver.ru

- Stelios
- Maverick
- Maverbest



Stelios – steliosmaver.ru





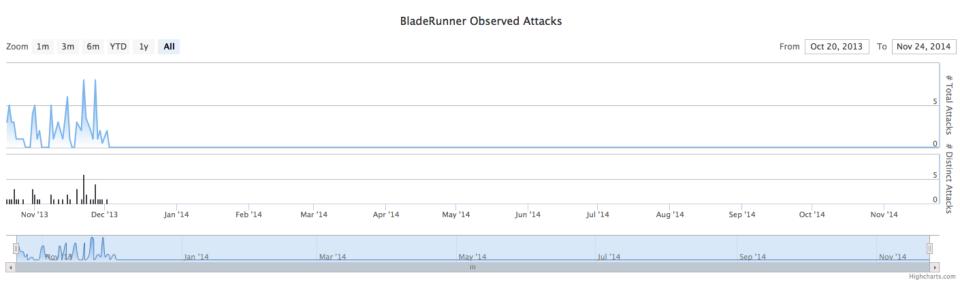
Stelios – steliosmaver.ru – BladeRunner

- First logged attack: October 20, 2013
- Last logged attack: December 1, 2013
- Distinct target domains: 41

thehackersnews.com umbrella.ws www.cobra.ua thehackernews.com zimbitskiy.com

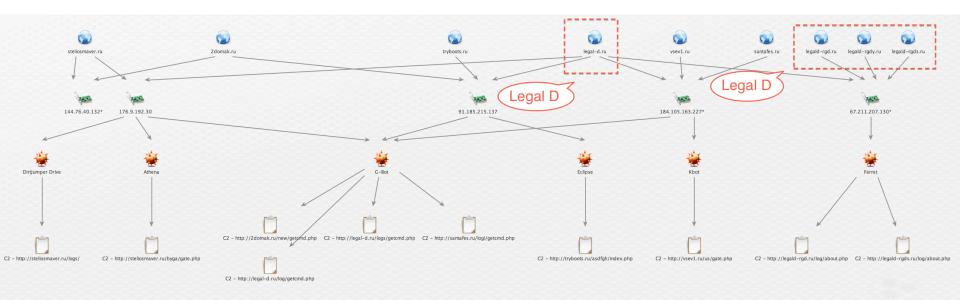


Stelios – steliosmaver.ru – BladeRunner





steliosmaver.ru - Legal D



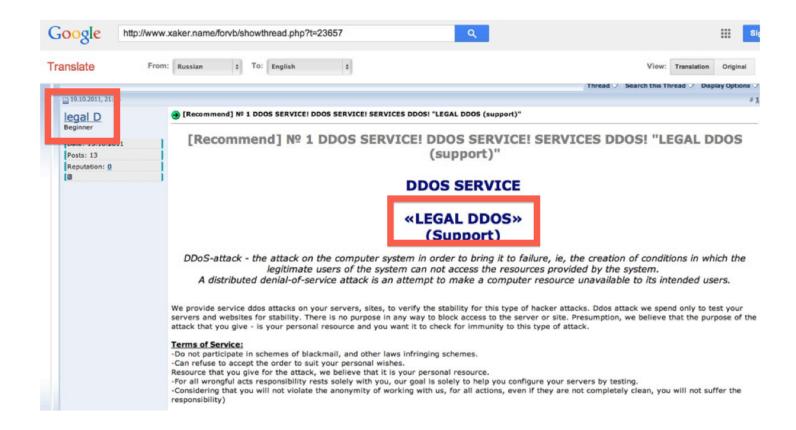






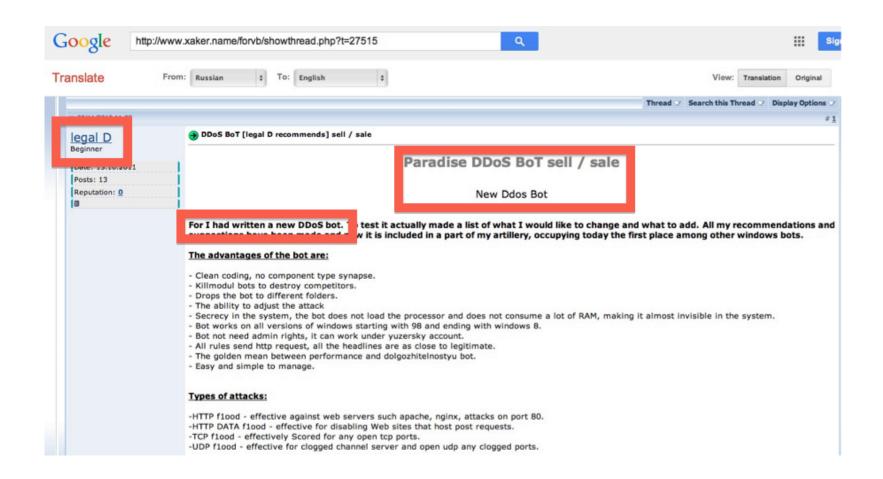
Legal D, DDoS Esquire

Legal D - Ad



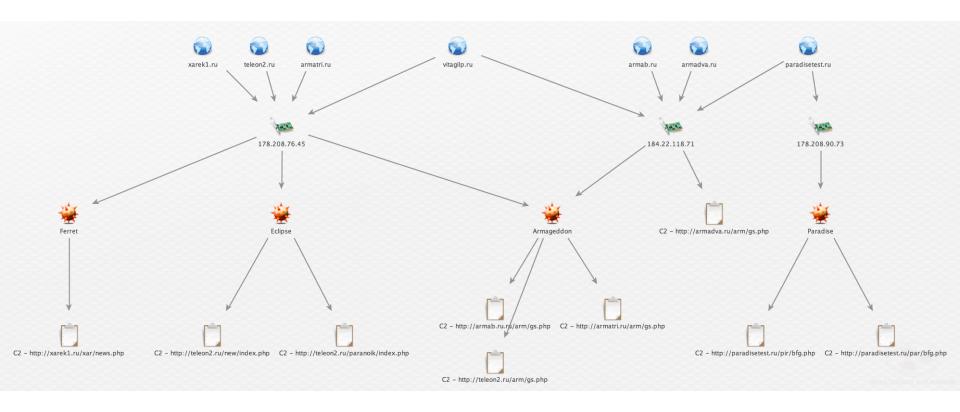


Legal D – Paradise DDoS Bot





Legal D – paradisetest.ru





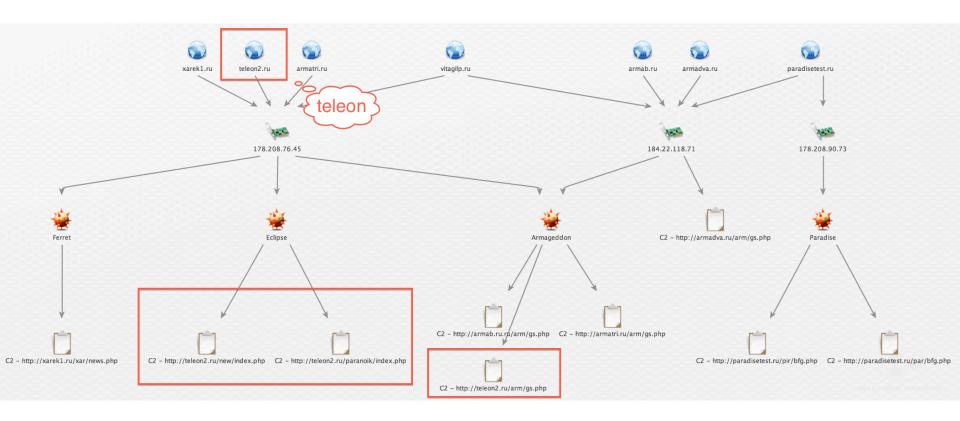
Legal D – paradisetest.ru

- DDoS malware
 - Paradise
 - Armageddon
 - Eclipse
 - Ferret

• teleon2.ru



Legal D – Teleon C2s





Legal D – Teleon C2s

legal D Good afternoon. You on the forum topic I created a proposal DDoS services and sales DDoS bot. DDoS services on the market work for about 2 years, it can be seen by registering for different hack forums. ve passed inspection August 2013 and lots of positive feedback. http://www.xaker.name/forvb/showthread.php?t=23657 my topic. It left a man with the nickname review ramiss1980. Alerting everyone that it is better to me not to do business. So that's the case. People are already 4 forum writes things like that. All his previous reviews have been removed, as he would accuse me of kidkov, saying that I was thrown and all warned not to work with me, in fact no reason to do so. As he himself says he DDoS complete zero, and not only in DDoS and general knowledge related to IT. This is the whole problem. The situation is such that the person I ordered DDoS services were all happy, and then he wanted to buy a DDos b Caller DDoS bot is I stated in the topic of this work. I have prepared a set for him, helped to put on the server, all set up. But he had constant problems and questions. I gave the developer. ms, but then again, the client has decided that he does not work bot and instaly not knock. As it turned out in the end, it was only because the panel was covered in the wrong fol he was waiting for me and wrote to me that the bot is not working and so on I did not by itself can be given to a single customer all the time. By the end, he said that he would with my reputation. I suggest to him to solve everything peacefully, as it is suggest to the referee forum where he previously vylazhivat review, but it does not take this option. From all this we can conclude that a person simply have nothing to do, and all his problems were only due to the lack of knowledge in this area, and not wanting to buy them. Recent posts that I am writing it 803077 (15:35:15 23/07/2013) Roma in general, I gave you set the bot and he stood on the server, otstuk is myself propertyal, then it was not because I did not filled in the folder pane, and the boat was on the domains I have, create yourself panel reg by I'll give myself domains that used to manage them, or sign up I'll do a rebuild on them, zalyu test bots that used to saw and goodbye, and then I'm tired already this fuss! 803077 (13:35:21 30/07/2013) Roma, you have me just take the time, what I did not know all this scam !!! I am willing to give you another 1 new bot that just went on sale in the gift that you were not offended !!! legal D Here's a piece of correspondence where a person to me too a couple of days fooling, and eventually okazyvaetsya he just did not clean the cache and the problem was this. Roma (01:41:33 2/07/2013) the old man, panel does not plow, urgently needed. I understand the case, but I'm already 3 weeks no one test, although the money put huge, Roma (03:35:59 2/07/2013) answer. Roma (03:36:10 2/07/2013) forces there, pad does not work .. (Roma (03:36:17 2/07/2013) not included. teleon/log_in.php Roma (12:45:50 2/07/2013) Well, you do something? I had no strength, 3 weeks have not advanced a single step



803077 (21:16:07 2/07/2013) link / teleon / log_in.php 803077 (21:16:10 2/07/2013)

here?

RosGosDos - Ad

DDoS Tools "RosGosDos" / ddos service / ddos service \

rosgosdos



Пользователь

Posts: 2 Reputation: 0 Offline Post # 1 | 19/10/2014 (5) 9:42

"RosGosDos" - disable your website!

Попробовать снова

ICQ: 608013222 Contacts:

> ICQ: 608013222 > Jabber: rgd@xep.li

Guaranteed receiving orders from 8:00 to 24:00 GMT.

Prices for "DDoS" services:

> From \$ 50 night

Attention! In the price specified minimum price, it depends on the subject matter and purpose of protection! % Discounts for large orders (from 2 sites or 2 days)!

Prices for additional services:

- > Education DDoS + DDoS bot + Live + server cost of \$ 600
- > Private DDoS software prices from \$ 400

Conditions for our customers:

- > Our service is almost 4 years old! Our experience even more!
- > Monitoring of the goal!
- > Use only the private and samopisny software
- > We put any antiddos (grator, cloudflare, cisco guard and date of birth)



RosGosDos - Details

- ICQ
 - **-** 603226303
 - -608013222
 - -857837
- Jabber
 - rgd@xep.li
 - rgdsupport@exploit.im
 - rgd@jabber.fm
 - rgdcrypt@jabber.mu
- Website: buyddos.ru
- Email: rosgosdos@gmail.com



Legal D – RD1 Threat Actors

- Legald-rgd.ru
- Legald-rgds.ru
- Legald-rgdy.ru
- Legald-rgdi.ru
- Legald-rgdo.ru
- Legald-rgdq.ru
 - RosGosDos / rgd@ / rgdsupport@ / rgdcrypt@
- legal-d.ru
 - Stelios / Maverick / Maverbest → steliosmaver.ru
- Teleon → teleon[123].ru
- Xarek ? → xarek[123456].ru



Legal D – DDoS Malware Families

- Ferret
- Eclipse
- Armageddon
- Paradise
- Athena
- DirtJumper Drive
- G-Bot

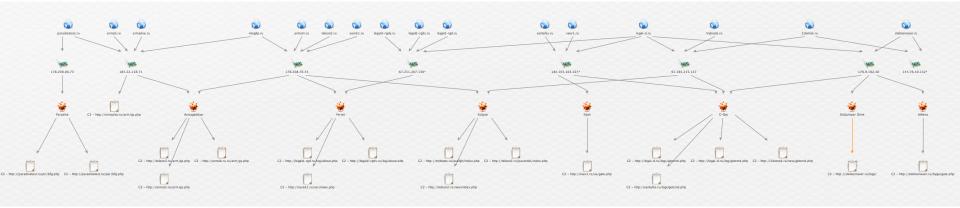


Legal D – Busy RD1 Threat Actor

- DDoSing service
- Coder/seller of Paradise bot
- DDoS hosting provider for the RD1?



Legal D - steliosmaver.ru





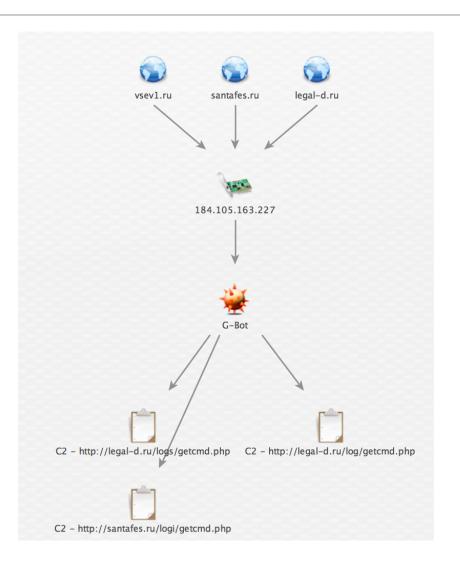
Ferret – legald-rgd[oq].ru – BladeRunner

- First logged attack: February 7, 2014
- Last logged attack: March 3, 2014
- Distinct target domains: 6

www.poxodniki.ru
www.23kota.ru
vega.fuib.com
www.psysocialis.ru

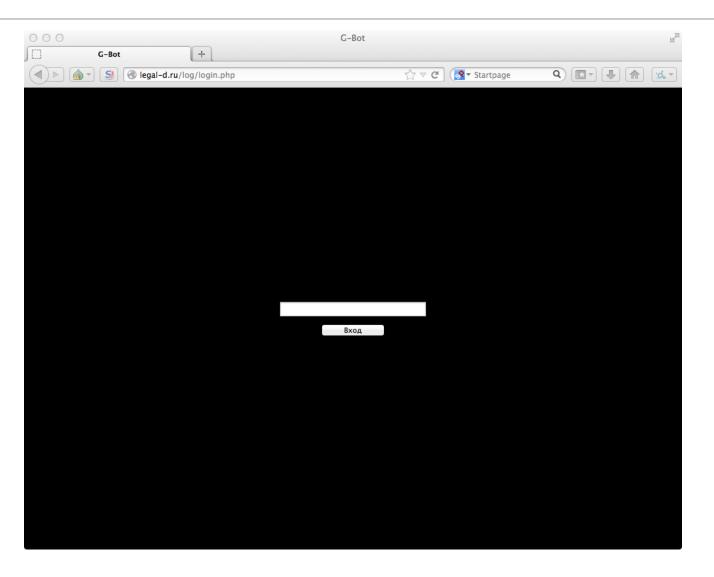


Legal D – Active Domains





G-Bot – legal-d.ru/santafes.ru



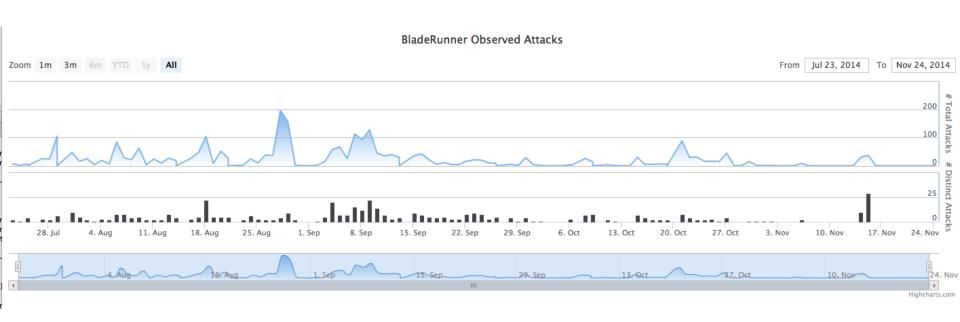


G-Bot – legal-d.ru/santafes.ru – BladeRunner

- First logged attack: July 23, 2014
- Last logged attack: November 15, 2014
- Distinct target domains: 246



G-Bot – legal-d.ru/santafes.ru – BladeRunner





G-Bot – legal-d.ru/santafes.ru – BladeRunner

fxt fxtrendscam.co

sozdanie-prodvizhenie-saita.su autobazar.us

100dorog41.ru babyboom21.ru

zonahack.ru interuno.ru medik-centr.ru

www.m-spravka.ru 1kr.ua

www.stanki.ru clickuk.org

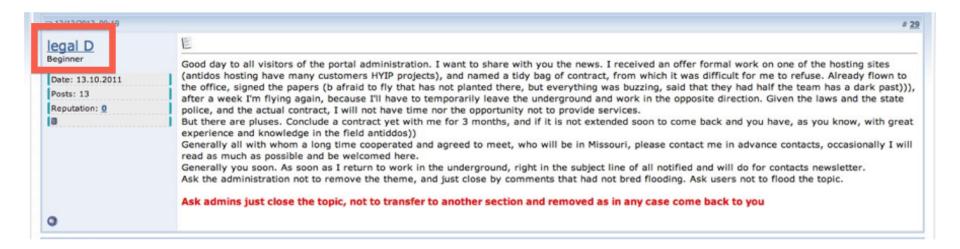
mediklist.net my.morskoybank.com

fxtrendscam.com



Legal D – Leaves the RD1

- High-Yield Investment Program (HYIP)
 - This is a "legitimate business"









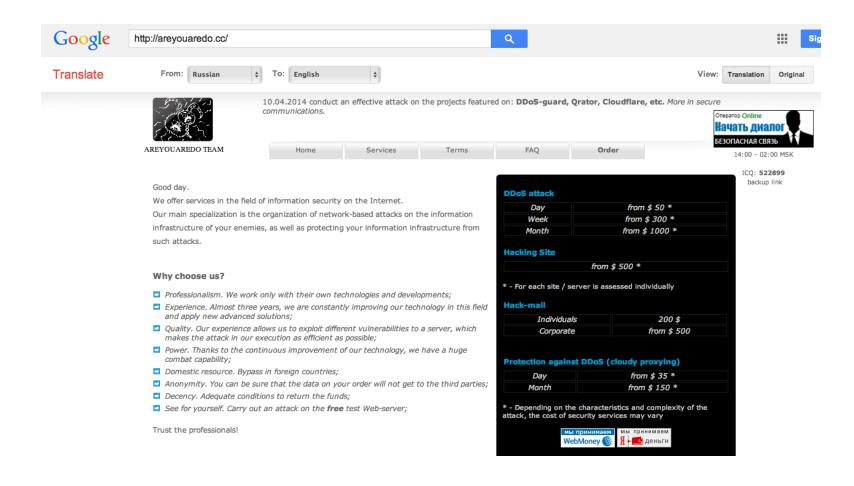
Are You There AreYouAreDo

AreYouAreDo – RD1 Connection

```
Quote:
Posted by Log with Aredia:
 AreYouAreDo 16:31:48 24/09/2013)
 there was a different story
                     AreYouAreDo
 AreYouAreDo (16.
Moor site and site
                                       ...g my friends
AreYouAreDo (16:32:09 24/09/2013)
I saw how
AreYouAreDo 16:32:15 24/09/2013)
asked to remove.
 AreYouAreDo (16:32:22 24/09/2013)
I was told that vouched for him Metakhim
 AreYouAreDo 16:32:25 24/09/2013)
I have to Metachim
AreYouAreDo (16:32:38 24/09/2013)
Metakhim said that the problems are not necessary and therefore off the Moor
AreYouAreDo (16:32:42 24/09/2013)
and turned off
Krabeg (21:06:39 24/09/2013)
> Metakhim said that the problems are not necessary and therefore off the Moor
ie Metakhim ordered anti-ddos and parallel Moor mutil?
AreYouAreDo (21:06:51 24/09/2013)
yes
AreYouAreDo (21:07:09 24/09/2013)
he ordered protection for yourself
```

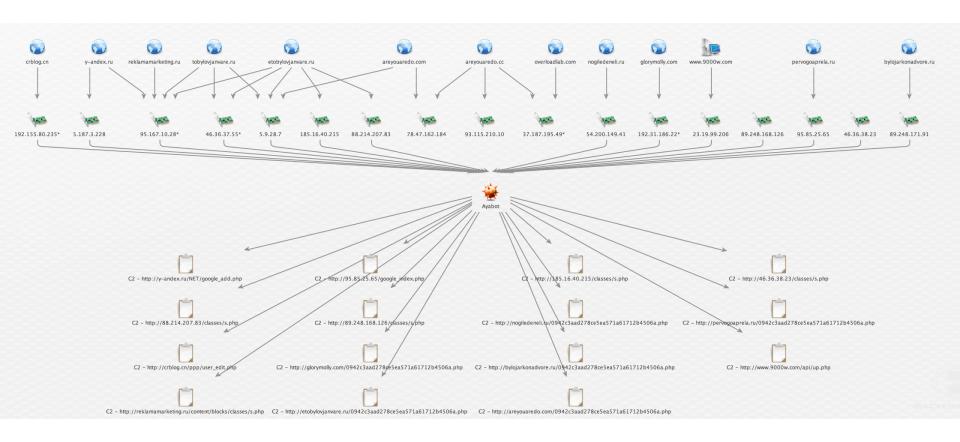


AreYouAreDo - Ad





AreYouAreDo - Infrastructure





AreYouAreDo - Ayabot

- Proprietary DDoS bot
- AreYouAreDo → Ayabot



AreYouAreDo – Ayabot – BladeRunner

- First logged attack: August 22, 2013
- Last logged attack: June 19, 2014*
- Distinct target domains: 31*



AreYouAreDo – Ayabot – BladeRunner

www.igrafan.com

rugrad.eu
zar-par.ru www.ddos-service.cc

qna.center softrok-k.ru

it-masters.cc i-xi.me www.bitermo.ru
geles ahty.nfo

pizzarich.ru www.pilguni.ru forum.ramgk.com week02.ru

na-raione.com bratish.info

vse.rv.ua tmsauto.ru



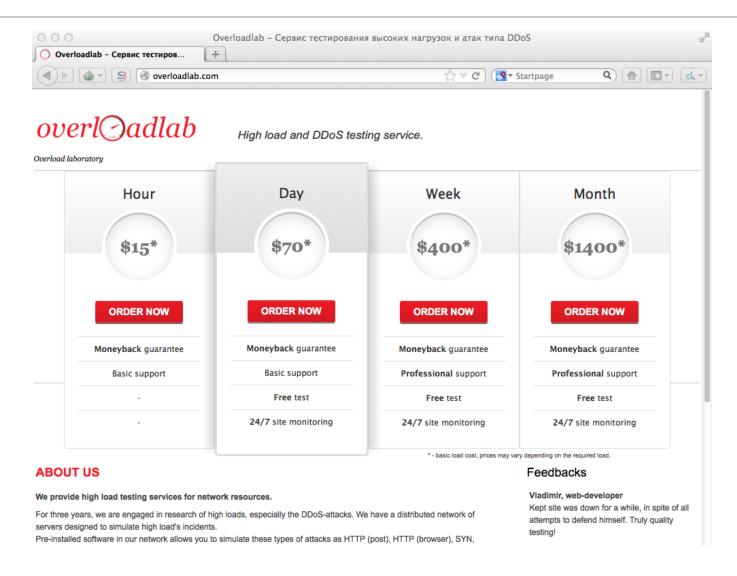
AreYouAreDo – Impromptu Interview

20:40:53 AreYouAreDo: bitcoin is not popular for russian customers

```
19:55:03 Me: where does the name "Aya" come from? is it just you behind the bot or
is AreYouAreDo a team?
19:55:31 AreYouAreDo: AreYouAreDo
20:01:15 Me: how long have you been in active in the hacking / DDoS scene?
20:02:19 AreYouAreDo: couple of years
20:12:12 Me: how do you distribute it? exploit kit, social engineering, spam, Trojan
Download networks?
20:14:11 AreYouAreDo: its distributes it self. you did not noticed?
20:16:24 AreYouAreDo: well, if you dig, you find out
20:17:21 AreYouAreDo: exploits are very expensive
20:38:32 Me: how do you handling money? without getting traced back to you, etc.?
20:40:01 AreYouAreDo: well, ill say not clear true, but enough to understand. online
game currencyies
20:40:19 Me: hmm.. any bitcoin stuff or is that not secure enough?
```



AreYouAreDo - Overloadlab









Storm Team / S-Team / Huntsman

Storm Team - Ad



DDoS order, as a means of decommissioning of the competing parties has become increasingly popular. The very notion of DDoS comes from abbrevitury DDos meaning Distributed Denial of Service- distributed denial of service.

"Anatomy" DDoS attack in most instances consists of the use of different vulnerabilities processing method request SYN, mainly Internet Protocol TCP / IP, using procs servers complicates The identification Ip.

In quickening amount DDoS attacks on various types of servers recently played and raspostrenenie Windows NT / XP versions of based the last. It is known that the Windows operating system is vulnerable to DDoS attacker absolute majority, to use simple tools (flood).

Also since it is worth noting that the attack on a particular server dostotochno proved beneficial as well. Provider to protect against attack high load forced to deploy additional capacity (input filters) for spot filtering garbage traffic. All this and so heats a large enough demand for such services.

We are a group of IT professionals specializing in providing. We organize all kinds of actually DDoS attacks (ICMP-flood, SYN-flooding, or DDoS attacks on the DNS-server, etc.) using the most advanced software used in the industry.

The prices of our services:

- 1 frequency from 10 \$
- 24 chasa- from \$ 70
- Week from \$ 350
- Month from \$ 1300

Attention: Prices on medium difficulty ...

We accept:

- Webmoney
- Yandex Money
- QIWI + 6%
- PM + 6%

Attention: Overlooking the payment can be negotiated separately

Jabber: s-team@logov.net

ICQ: 762760

skype: storm-team502

Last Edit: Суббота в 15:5

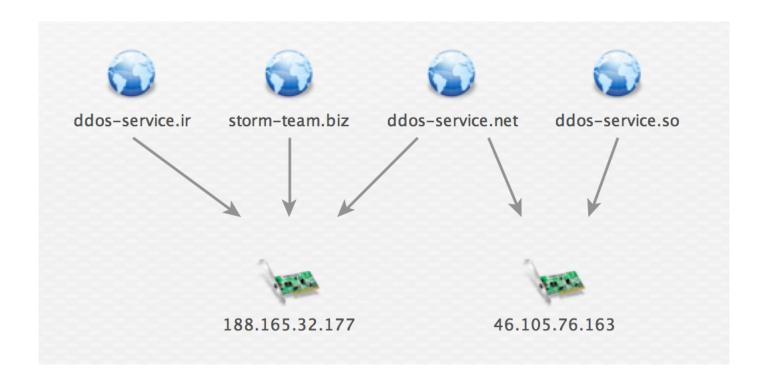


Storm Team - Details

- Websites
 - ddos-service.net
 - ddos-service.so
 - ddos-service.ir
 - storm-team.biz
- Jabber: s-team@l0g0v.net
- ICQ: 762760
- Twitter: @DDOSTeam

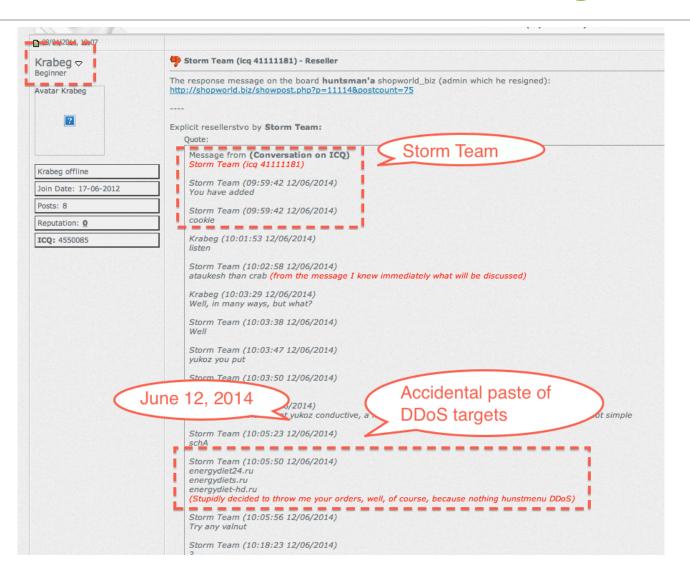


Storm Team – Front-end Infrastructure





Storm Team – Accidental DDoS Targets



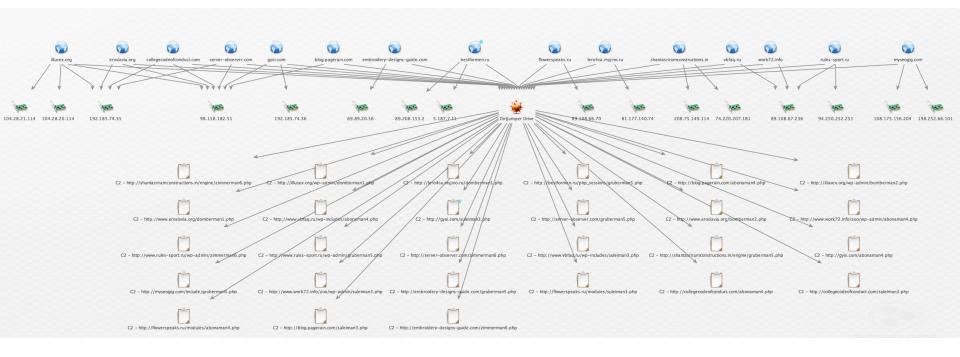


Storm Team – Accidental DDoS Targets

- First logged attack: June 12, 2014
- Last logged attack: June 21, 2014
- Distinct C2 hosts: 15



Storm Team - Back-end Infrastructure





Storm Team - Back-end Infrastructure

- 33 C2s lead to DirtJumper Drives
- Shared IPs
- URL filenames
 - abonaman4.php (6)
 - chtogde1.php (5)
 - zimmerman6.php (4)
 - snowthread.php (4)
 - domberman1.php (3)
 - gruberman5.php (6)
 - suleiman3.php (6)
 - bomberman2.php (2)

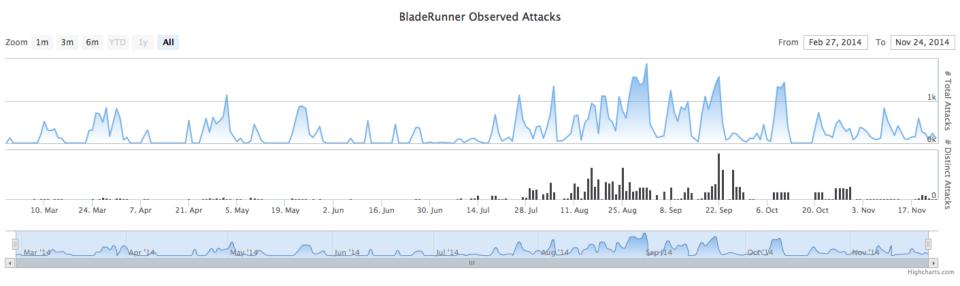


Storm Team - Back-end - BladeRunner

- First logged attack: February 13, 2014
- Last logged attack: November 25, 2014
- Distinct target domains: 1535



Storm Team – Back-end – BladeRunner





Storm Team – Back-end – BladeRunner

diplom-garant.com roxen.ru qiwi-kapital.ru adlerleto.ru ra-opora.ru hobbygames.ru diplom-vo.com fmsshop.biz oldcvety.com oboi.com rapo.ru
outlawing.net batterygator.ru www.mskpresent.ru
gama-gama.ru artm.pro design4free.org
iq-msk.com topright.ru www.redcube.ru surva. 2ndfl-novosibirsk.com bankspravok.com podarihit.ru open-fin.ru www.ibatt.ru ra-mart.com open-fin.ru www.ibatt.ru www.diplomru.com besttvseries.ru







Chef the RD1 Troll

Chef - Ad



#

chef

Super Moderator



Last Activity: 3 minute (s) ago

Register: 07.08.2009

Posts: 614

Thanked total: 761 for this post: 0



order DDoS, DDoS attack on the site, DDoS services, buy ddos



«PRIVATE DDOS»

Greetings to all, we are glad to offer you quality DDoS services for a reasonable price. If you have a business rivals or someone you just offended, then take it out on the website is a one of the best solutions.

As a result of the attacks, the site of your competitor will not play in your specified period of time (from several hours to several weeks, and so on) Thus, your abuser, the competitor will spend a lot of time and nerves lose attendance and profits.

Used his botnet from a huge number of bots, located throughout the world and, therefore, are in different time zones.

This allows you to keep the primary part of the bots in online-mode.

Unable to close the block DDOS attacks in the country.

Supports all types of attacks (ICMP SYN / ACK UDP HTTP Flood, etc.)

The average price - \$ 100 per night (price may be constantly changing depending on the project)

Minimum order value - \$ 50

Working with large projects! Customers for long terms - discount.

We work on 100% prepayment

Provide test services within 10 minutes free. (Suspicious persons test fee - \$ 5)

Interested serious people interested in long term cooperation.

When ordering, use this form of treatment: "The purpose, the period when the start is needed. I have a reputation out there that you are advised to something in the budget is limited to such a wallet is not limited to the main result ".If you anything is not clear in the description of our themes, or want to clarify any point, please contact us and we will explain everything to you.

On the organization to handle DDoS ICQ: 2070072 (OTR)

Jabber: [Links visible only to registered users. Зарегистрироваться...] (OTR)



Chef – Details

- Booter: PRIVATE DDOS
- ICQ
 - -2070072
 - -403031
- Jabber
 - privateddos@exploit.im
 - legal.d@0nl1ne.at
 - twisted_ddos@0nl1ne.at

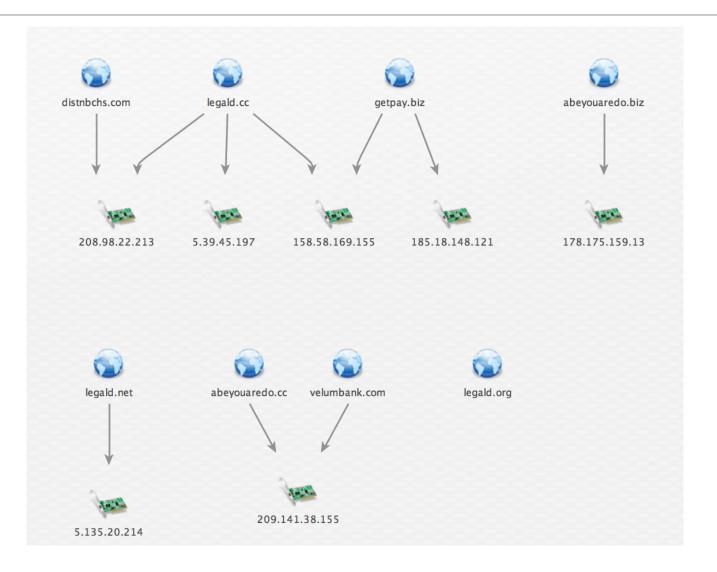


Chef – Booter Websites

- http://legald.net/ → Legal D
- http://legald.cc/ → Legal D
- http://legald.org/ → Legal D
- http://abeyouaredo.biz → AreYouAreDo
- http://abeyouaredo.cc → AreYouAreDo

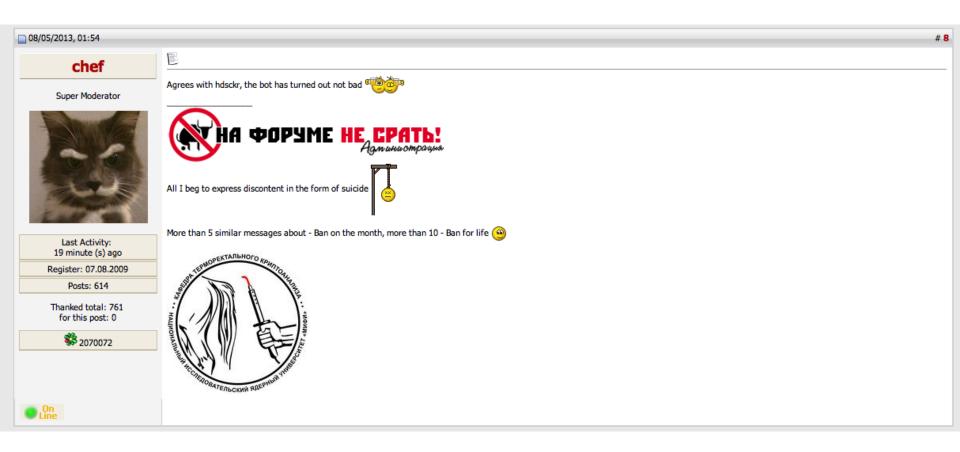


Chef – Booter Infrastructure





Chef – Ferret DDoS Bot?



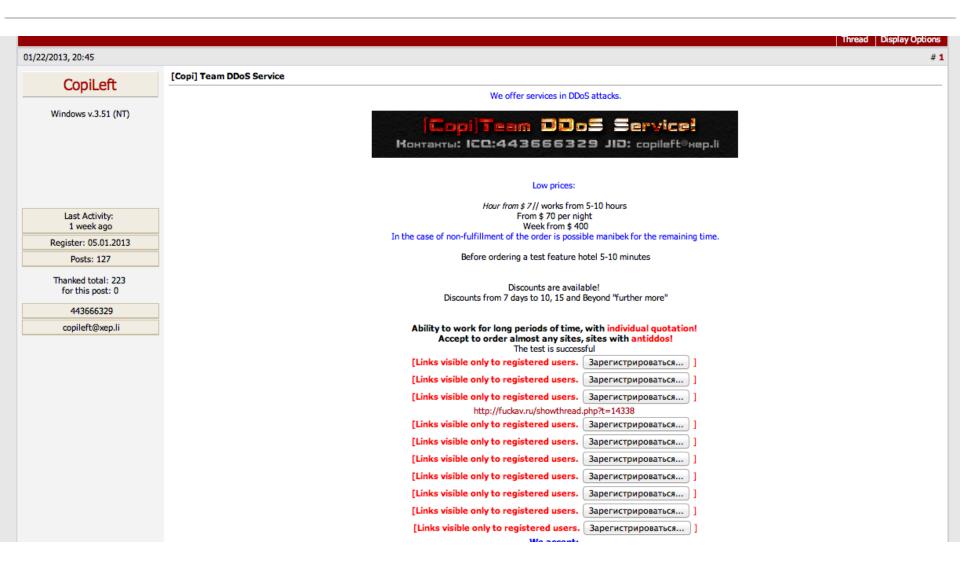






Copileft

CopiLeft – Ad





CopiLeft – Details

- ICQ: 443666329
- Jabber
 - copileft@xep.li
 - copileft@exploit.im
- Email: c0p1l3ft@rambler.ru

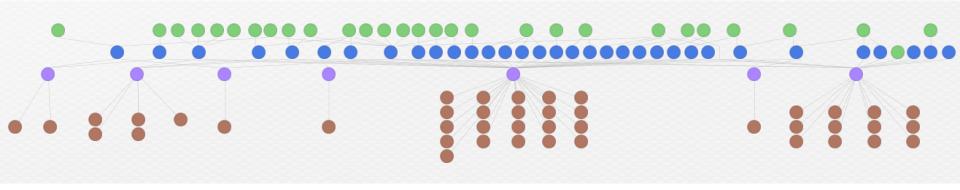


CopiLeft – copileft.myjino.ru

```
Код:
[Cop1]Left ДОЛГ 449$ (17:38:23 3/01/2013)
если там еще надо будет пополнить скажи друг)
[Copi]Left ДОЛГ 449$ (17:38:32 3/01/2013)
я мизерный пополнил
iSupport (17:38:45 3/01/2013)
ну тут уж тебе хостер емайл пришлет
                          http://copileft.myjino.ru/opt/adm
iSupport (17:38:50 %
когда бабло кончаться
iSupport (17:39:25 3/01/2013)
http://copileft.myjino.ru/opt/adm
                      optima/optima
iSupport (17:39:31 2701/20
optima/optima
[Copi]Left ДОЛГ 449$ (17:39:35 3/01/2013)
там я вобще не понял как и что))) вот я пополнил на 160..там п
iSupport (17:40:07 3/01/2013)
там я подключил несколько нужных услуг
iSupport (17:40:25 3/01/2013)
и это немного увеличило сумму списываемую ежесуточно
```



Copileft – c0p1l3ft@rambler.ru



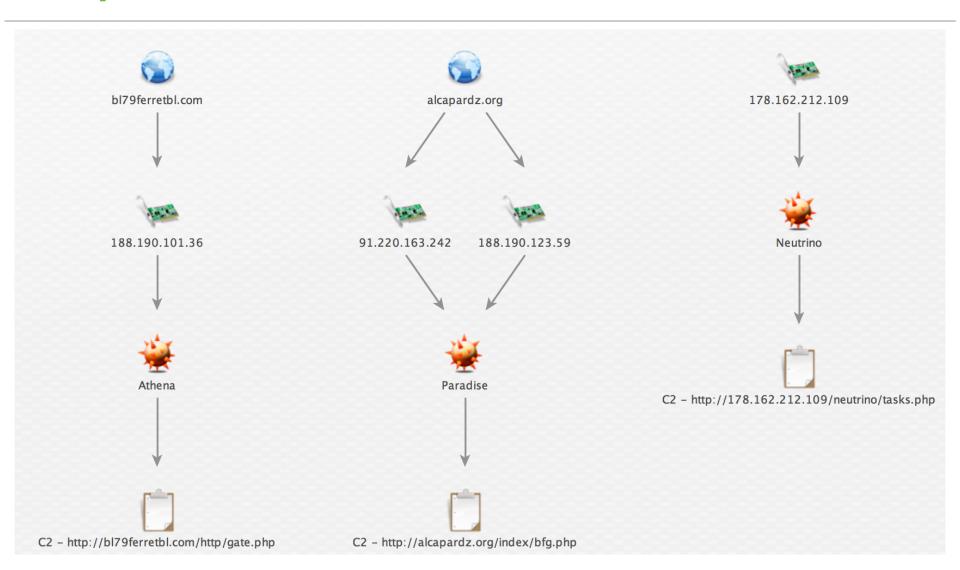


Copileft – DDoS Malware Families

- Paradise
- Neutrino
- Athena
- BlackRev
- Ferret
- Madness
- DirtJumper Drive

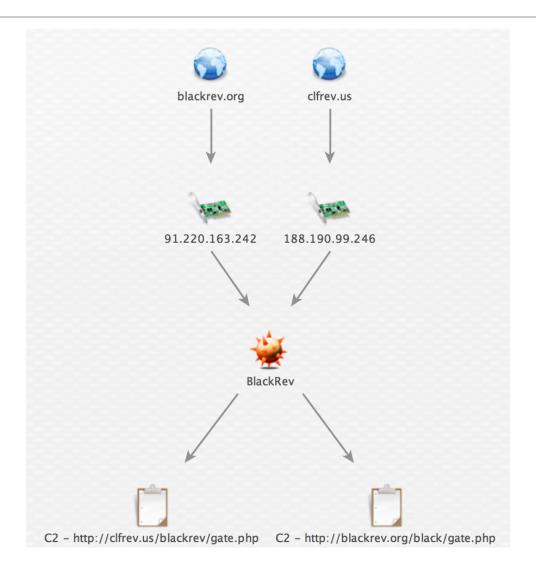


Copileft – Paradise / Athena / Neutrino





Copileft – BlackRev





Copileft – BlackRev – BladeRunner

- First logged attack: April 25, 2013
- Last logged attack: May 6, 2013
- Distinct target domains: 43



Copileft – BlackRev – Attack Targets

skriptomaniya.ru

webcamstudio.ru

vividcams.ru divacams.ru

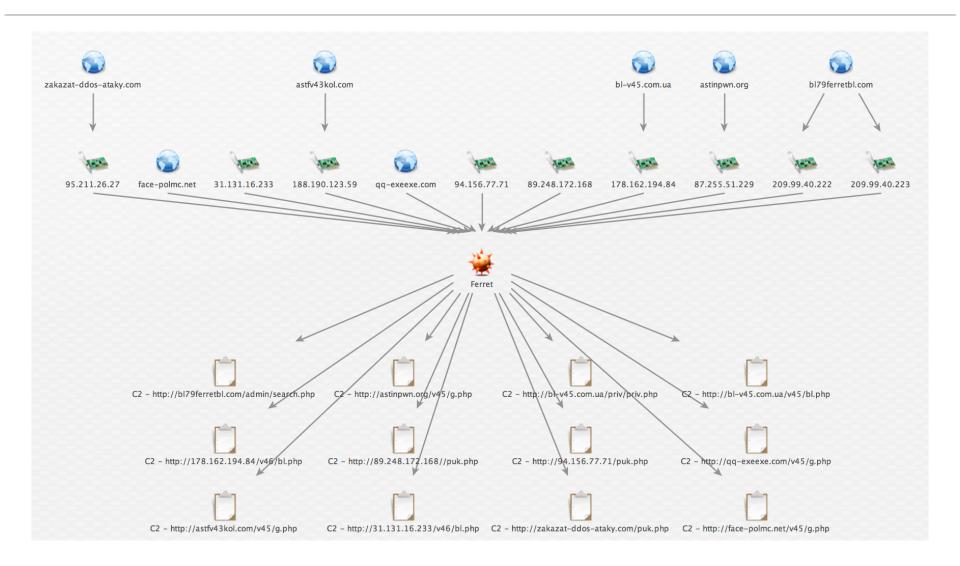
zakazat-ddos-kupit-ddos-ddos-service.biz

kharkovforum.com top-ddos.in bolasonic.com passionstudio.ru

miami-studio.com 155ihbar.com oberegi-runi.ru

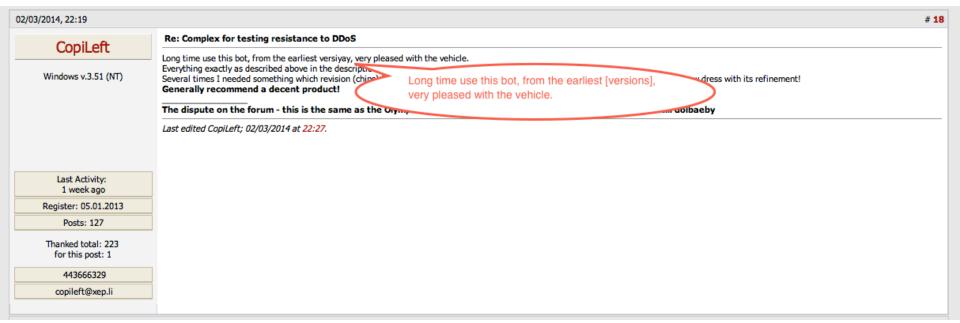


Copileft – Ferret





Copileft – Ferret





Copileft – Ferret C2s

- Version updates
 - /priv/priv.php
 - /v46/bl.php
 - /v45/bl.php
 - /v45/g.php
- Filename patterns
 - g.php
 - bl.php
 - bl-v45.com.ua
 - bl79ferretbl.com
 - puk.php



Copileft – Ferret – BladeRunner

- First logged attack: August 11, 2014
- Last logged attack: August 22, 2014
- Distinct target domains: 14

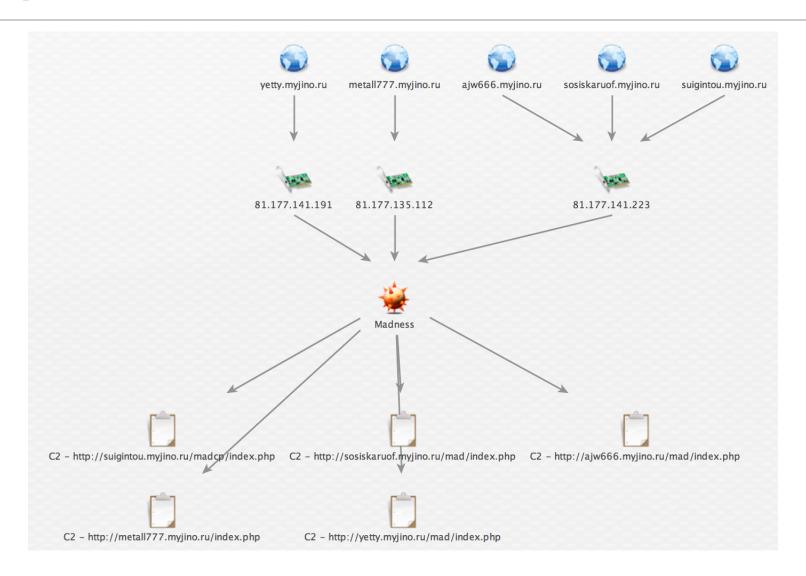


Copileft – Ferret – BladeRunner

```
www.urbanlocker.com
  erius.net cw2dw.net
direct-market.ru
             shara-pro.com
               prodw.org
investment-service.ru dcard.ws
        www.almajd.ps
            wyborcza.pl
```



Copileft – Madness





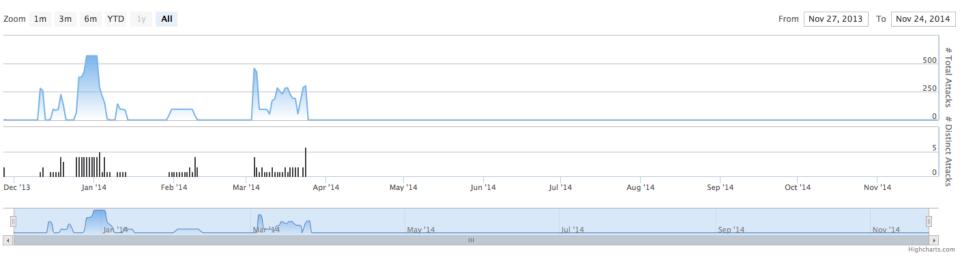
Copileft – Madness

- First logged attack: October 29, 2013
- Last logged attack: March 24, 2014
- Distinct target domains: 40



Copileft – Madness





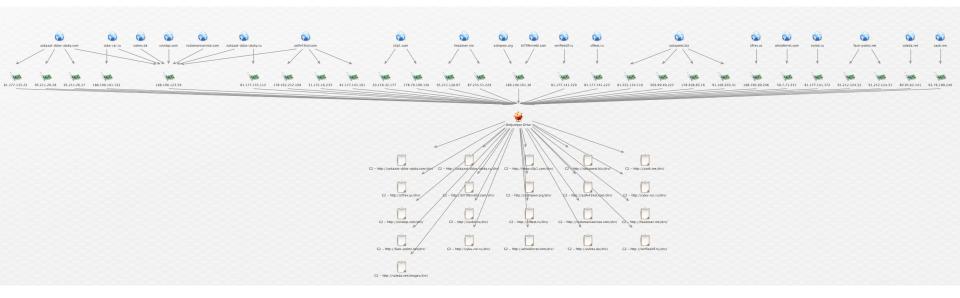


Copileft – Madness – BladeRunner

unionmebel-spb.ru happy-hack.ru evil-hack.ru dle-news.ru www.bmw43club.ru drom.ru apachan.net bhf.su olinepw.ru novacidade.net swlan.ru
it-kirov.org
vremyachudes.no-ip.org bmwclub43.ru
forum.3xplr3.com smix.biz elenamizulina.ru m.chat-white.ru kino-reliz.com lazycraft.ru bmw43club.ru vremyachudes.com



Copileft – DirtJumper Drive



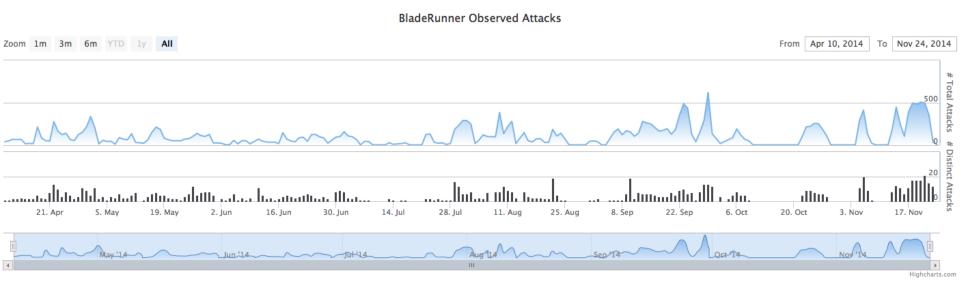


Copileft – DirtJumper Drive – BladeRunner

- First logged attack: June 28, 2013
- Last logged attack: November 22, 2014
- Distinct target domains: 1669



Copileft – DirtJumper Drive – BladeRunner





Copileft – DirtJumper Drive – BladeRunner

profakedocs.com tic-research.com irkpravda.com www.psysocialis.ru nzgft.com poleznaya.dp.ua www.cn.ru job-sbu.org www.gaode-hydraulic.ru news.pn not24.at gaode-hydraulic.ru rt.com dream-supply.com gaode-hydraulic.com golubey.net alekscentr.ru sharacom.com satsis.info tavria24.com.ua militarymaps.info www.kirovograd.net landmarkloftsreviews.com



Copileft – C2 Patterns

- DirtJumper Drive
 - /drv/

- Copileft
 - clfrev.us
 - clftest.ru
 - verifiedclf.ru







Crabby Krabeg

Krabeg – Ad

Krabeg

Posted on June 28, 2012 - 22:51

DDoSer



Members 2 posts

Offered DDOS services on the various sites, servers, and other Internet resources.

DDoS-attack (from the English. Distributed Denial of Service - distributed attack of the "denial of service").

The attack on a computer system in order to bring it to failure, that is, to create conditions under which legitimate users of the system can not access the provided system resources (servers), or the access is difficult.

Service Features:

- Complete anonymity
- Service without the mediation
- Reasonable prices for excellent quality
- . Continuous monitoring of the targeted purpose
- Pre Paid test before ordering (from \$ 5)
- Different types of attacks, including the different protocols and ports
- . Refunds in case of failure or cancellation

The prices of the service:

- 5 \$ per hour
- \$ 40 per night
- from \$ 250 per week

(The price depends on the targeted goals)

Payment Methods:

- WebMoney
- Yandex Money

Contacts:

• ICQ: 455-00-85

Passed Inspection:

• shopworld.biz - Passed audits (3 pcs.)



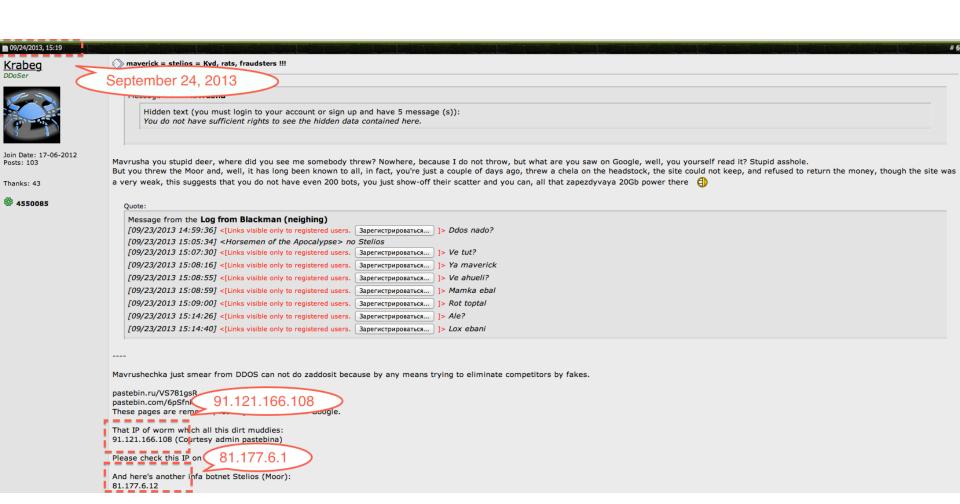
Krabeg – Details

• ICQ: 4550085

Jabber: 4550085@qip.ru



Krabeg – Stelios Blacklisting





Krabeg – kiraab.bget.ru

kiraab.bget.ru → Krabeg



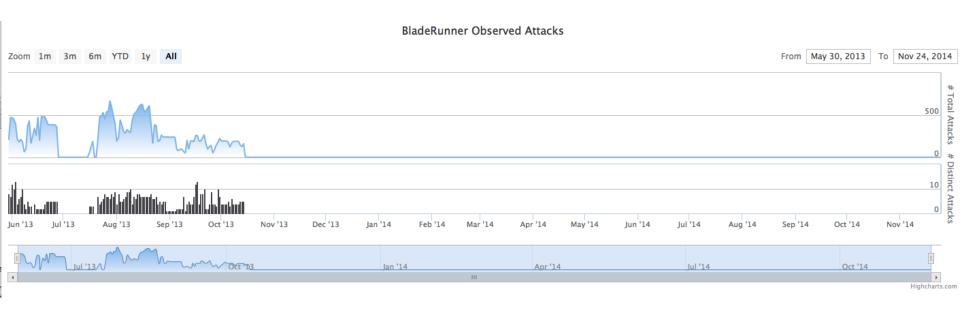


Krabeg – kiraab.bget.ru – BladeRunner

- First logged attack: May 30, 2013
- Last logged attack: October 14, 2013
- Distinct target domains: 119



Krabeg – kiraab.bget.ru – BladeRunner



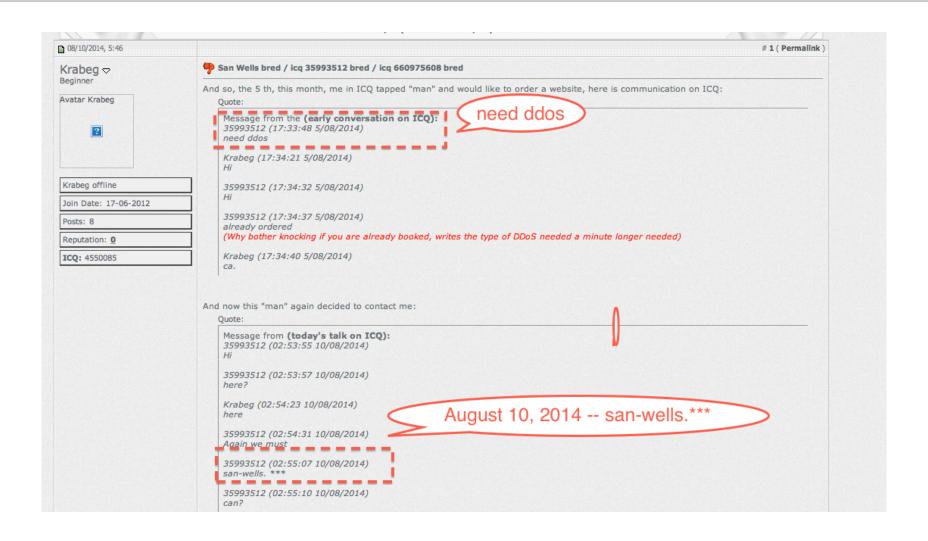


Krabeg – kiraab.bget.ru – BladeRunner

```
forum.ruscams.com azpolitika.com
       forum.kidal.org forum.allods2.eu
            groza.ru
glosstime.ru ruscams.com
xn--80ackogdggscq.xn--plai atvision.net allods2.ru\r forum.antichat.ru
                                     www.skorobudu.com
zar-par.ru www.alloder.ru hqindex.org
   incraft.ru invedit.ucoz.ru 4pda.ru
                                     baginya.org
       opror.myjino.ru pplist.ru
pastebin.ru allods2.eu utronews.ru
           nocorruption.net hack-sell.su\r plexpert.ru science.az
                                       wow-extrim.ru
argumentua.com\r
```



Krabeg – San Wells Blacklisting



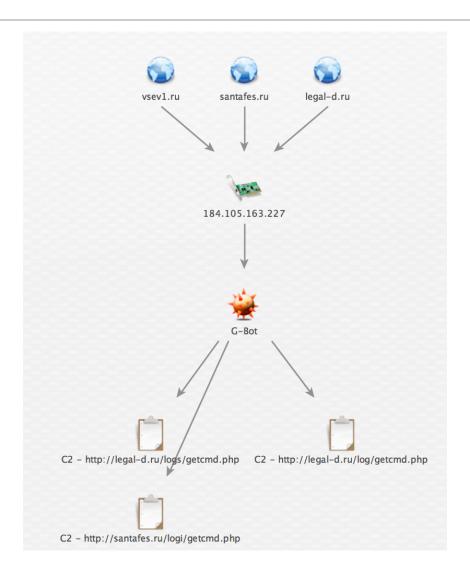


Krabeg – san-wells.ws – Attack C2s

- http://legal-d.ru/log/getcmd.php
- http://santafes.ru/logi/getcmd.php
- http://compromat-kavkaz.ru/

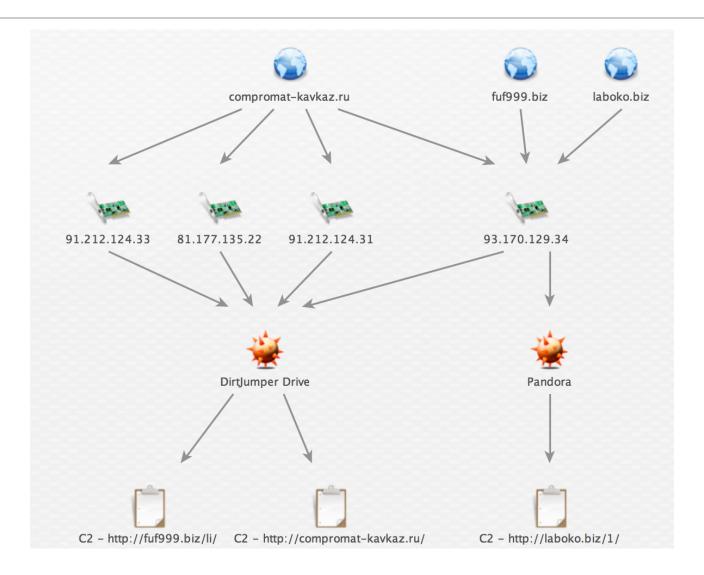


Legal D – Active Domains





Krabeg – compromat-kavkaz.ru





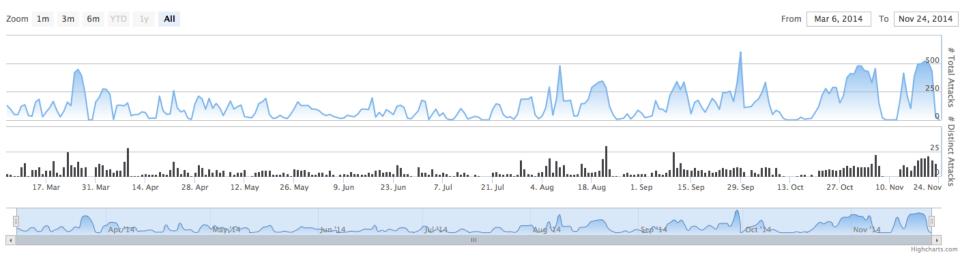
Krabeg – compromat-kavkaz.ru – BladeRunner

- First logged attack: November 25, 2013
- Last logged attack: November 22, 2014
- Distinct target domains: 767



Krabeg – compromat-kavkaz.ru – BladeRunner







Krabeg – compromat-kavkaz.ru – BladeRunner

www.lsresearchchems.com ifud.ws profakedocs.com

dream-supply.com satsis.info syndication.traffichaus.com kga.gov.ua sharing-service.ru tic-research.com

tehnolenta.com

militarymaps.info rt.com vor.vc news.pn www.lsrcdistribution.com

sharacom.com

shara.pro www.oneway-avia.ru

golubey.net vipshara.com



Takeaways and Future Work

- Passive Enumeration
 - Luck
 - Shaky pattern matching
 - Gut feelings
 - Incomplete information

- Active Enumerating
 - DDoS honeypots
 - Known target domains



Thanks Much!

Questions/Comments/Feedback

dschwarz@arbor.net

