# **Grep for Evil**

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#### The Evil Bit

RFC 3514 defined the evil bit:

Firewalls, packet filters, intrusion detection systems, and the like often have difficulty distinguishing between packets that have malicious intent and those that are merely unusual. We define a security flag in the IPv4 header as a means of distinguishing the two cases.

#### The Evil Bit

I didn't look for the evil bit in packets...

..but I did in domain names!

Using a passive DNS database, I looked for domains with DDOS in them.

#### ez-ddos.com





Additional Information Our advantages Additional services home prices Payment

EZ-DDOS.COM - professional, non-stop DDOS service specializing in the conduct of the most powerful high-speed attacks (up to 70 GBPS). We attack absolutely any goals in the IT segment. Here you can order a DDOS attack on any network resource. The best way to solve your problems. Fast. Qualitatively. Effectively.



**Client Anonymity guaranteed** 



We attack protected from DDOS projects



The attack on the server (IP) from 3500 rubles ./ (\$ 60.) \*

We attack any server - game (LineAge, Minecraft, CS et al.), E-mail, strimingovye (IP-TV), Cardsharing (satellite TV) and others. The attack - server channel clogged with multi-gigabit stream.

\* - Price is for 24 hours (one day).

Other prices "

The attack on the website (URL) 3000 ./ rubles (\$ 50.) \*

We attack any sites and forums - the media, the Internet shops, entertainment resources, and any other. The attack on the site can be done in three ways: SYN, HTTP, UDP, thereby achieving the maximum effect.

\* - Price is for 24 hours (one day).

About payment "

COPYRIGHT @ 2013-2017.

EZ-DDOS.COM - DDOS SERVICE N±1 (POWER UP TO 70 GBPS)

EZ1@TECHIE.COM

FEEDBACK 24/7

831577

EZ@XMPP.US



#### ddos.su

4/13/2017

Distributed Denial of Service

#### **Distributed Denial of Service**

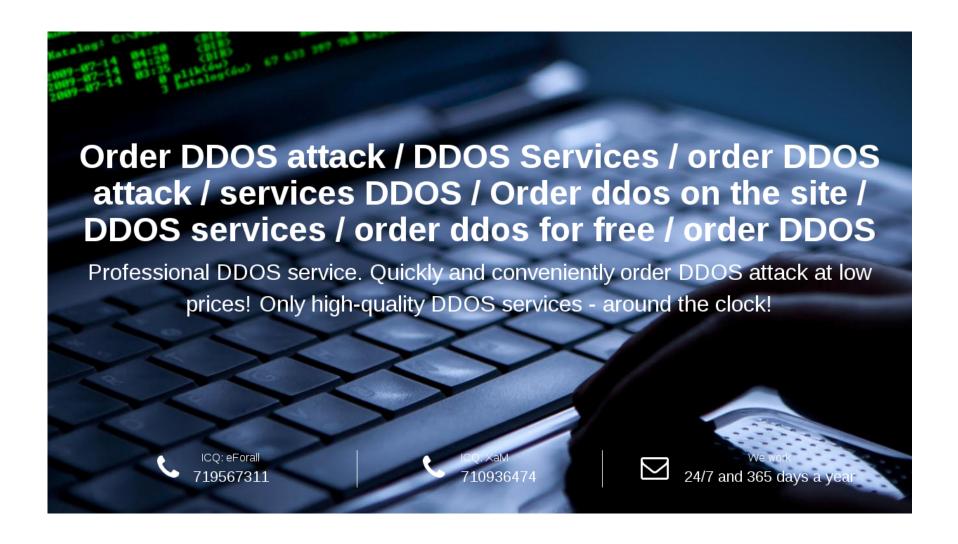
#### root@ddos#

64 bytes from 127,0,0,1; icmp\_seq=292 ttl=64 time=0,015 ms 64 bytes from 127,0,0,1; icmp\_seq=293 tt=64 time=0,017 ms 64 bytes from 127.0.0.1; icmp\_seq=294 ttl=64 time=0.015 ms 64 bytes from 127,0,0,1; icmp\_seq=295 tt=64 time=0,016 ms 64 bytes from 127.0.0.1; icmp\_seq=296 tt=64 time=0.013 ms 64 bytes from 127.0.0.1; icmp\_seq=297 ttl=64 time=0.017 ms 64 bytes from 127,0.0.1; icmp\_seq=298 ttl=64 time=0.017 ms 64 bytes from 127,0.0.1; icmp\_seq=299 tt=64 time=0.021 ms 64 bytes from 127,0,0,1; icmp\_seq=300 ttl=64 time=0,016 ms 64 bytes from 127,0.0.1; icmp\_seq=301 ttl=64 time=0.023 ms 64 bytes from 127.0.0.1; icmp\_seq=302 ttl=64 time=0.021 ms 64 bytes from 127,0,0,1; icmp\_seq=303 ttl=64 time=0.017 ms 64 bytes from 127,0,0,1; icmp\_seq=304 tt=64 time=0.017 ms 64 bytes from 127.0.0.1; icmp\_seq=305 tt=64 time=0.017 ms 64 bytes from 127.0.0.1; icmp\_seq=306 tt=64 time=0.016 ms 64 bytes from 127,0,0,1; icmp\_seq=307 tt=64 time=0.017 ms 64 bytes from 127.0.0.1; icmp\_seq=308 ttl=64 time=0.015 ms 64 bytes from 127,0.0.1; icmp\_seq=309 ttl=64 time=0.015 ms 64 bytes from 127.0.0.1; icmp\_seq=310 tt=64 time=0.015 ms 64 bytes from 127,0,0,1; icmp\_seq=311 ttl=64 time=0,021 ms 64 bytes from 127,0.0.1; icmp\_seq=312 ttl=64 time=0.017 ms 64 bytes from 127.0.0.1; icmp\_seq=313 ttl=64 time=0.020 ms 64 bytes from 127,0,0,1; icmp\_seq=314 tt=64 time=0,022 ms 64 bytes from 127,0,0,1; icmp\_seq=315 tt=64 time=0,019 ms 64 bytes from 127.0.0.1; icmp\_seq=316 tt=64 time=0.016 ms 64 bytes from 127.0.0.1; icmp\_seq=317 tt=64 time=0.016 ms 64 bytes from 127,0,0,1; icmp\_seq=318 tt=64 time=0.018 ms 64 bytes from 127,0.0.1; icmp\_seq=319 tt=64 time=0.017 ms 64 bytes from 127,0.0.1; icmp\_seq=320 ttl=64 time=0.018 ms 64 bytes from 127.0.0.1; icmp\_seq=321 tt=64 time=0.016 ms 64 bytes from 127,0,0,1; icmp\_seq=322 tt=64 time=0,016 ms

© 2009 DD :S. \*\*\* \*\*\*\* \*\*\*\*\*



#### ddos-team.com



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#### attack-ddos.info

#### Order ddos attack in the best DDoS Service

Administrator The Services ## Created on: April 05, 2016

# DDOS-cepbuc

DDoS attack how many articles about it you can not reread. This service, popular on the Internet and every day, dozens of attacks from hackers on various network structures are conducted. Order ddos come not only to sites of simple online stores, bloggers, news portals, but also to infrastructures that are critical in the Internet as a whole. Recently, people's interest in ddos has become more active, they are ready to pay a few thousand a day for the victim not to show signs of life. But to find a quality DDoS Servicenot as easy as it seems. Every little schoolboy can spend a free ddos attack while wasting nothing. In the vast search engine you can download any botnet, customize it and enjoy not going deep into the knowledge of how it all works. Such people are full and more and more often people become victims of such small scammers who can not cope with the goals all the time.

Tired of looking for where to order DDos attack ?! Then our comprehensive solutions for conducting ddos attacks on the server and sites are at your service. We can test the majority of existing hosting providers for the stability of the network. The specialists will give you a free consultation on your popular issues related to ddos attacks, recommend actions to provide protection if this is required.

The botnet that we use is unique in its kind. It does not use any third-party modules, it was written completely from 0 to .NET language. A huge number of methods of attacks from the simplest L3 to complex L7. Flexible customization of the bot's aggressiveness and support for JS, Flash, Iframe protection of popular antidotes systems such as Cloudflare, OVH, DDOS Guard, Voxility ... Allows to disguise as an ordinary client of the network. Thus, it is guaranteed delivering a request to the victim's victim even through protection systems

#### Price list for services

Paid, free or other tests do not. Testers, resilers, scammers ... please do not disturb.

Flo



# ddos.ninja





COMING SOON

# Let's Digress into DDOS for a bit...

And talk about who DDOSes and why they DDOS



# First Question – Why DDOS?

#### A DDOS is a politico-economic act:

- Estonia 2007
  - Revenge
- Spamhaus 2012
  - Revenge
- Hong Kong 2013
  - Censorship
- **BBC 2016** 
  - Terror

- Mirai 2016
  - Revenge
- Swedish Railways 2017
  - Test?
- Danish Railways 2018
  - Test?
- Bitfinex Exchange 2018
  - Competition/economic gain

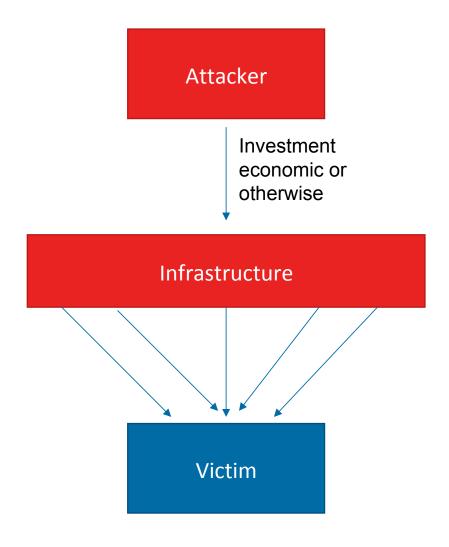
Provides users asymmetric power for high-profile results.

#### Who DDOS?

#### DDOS is surprisingly cheap.

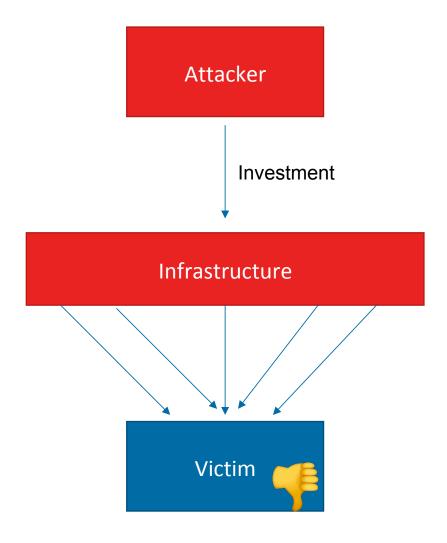
- Barrier to entry is very low
- UI makes it easy for unskilled attackers to play in the game
- There are free stressers (aka, DDOS providers)
- Before the FBI took down Alpha Bay, I found DDOS for as low as \$5
- Just searching the web (duckduckgo.com is my friend) I found it for as low as \$10
- Unfortunately, I didn't go buy these to find out what I'd get. Something something IRB board Something.
  - Also known as my boss saying "You want to WHAT?"

## **DDOS Traditional Attacker Economic Model**





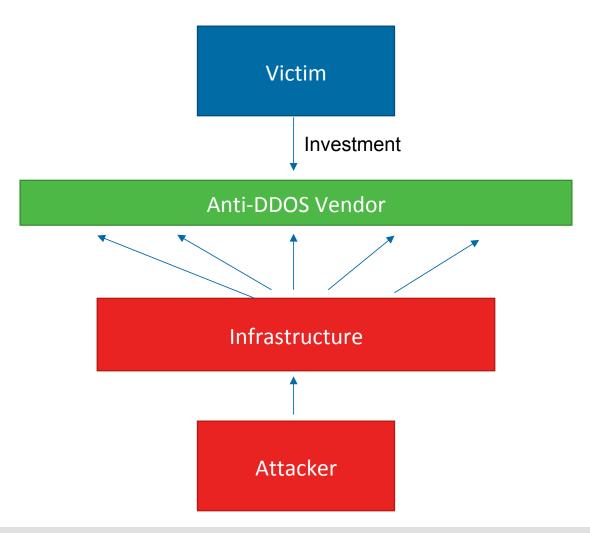
## **DDOS Traditional Attacker Economic Model**







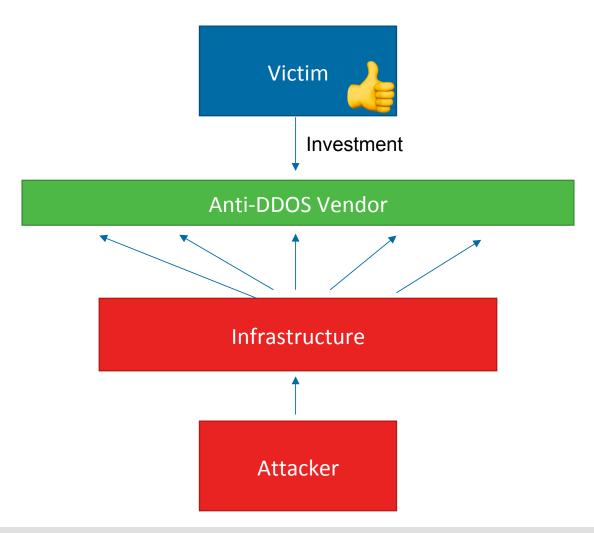
## **DDOS Traditional Victim Economic Model**



and unlimited distribution."

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## **DDOS Traditional Victim Economic Model**





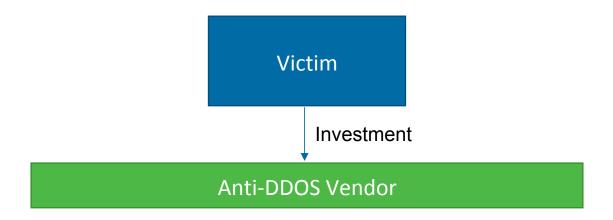


# **Anti DDOS Stops that DDOS**

...right?

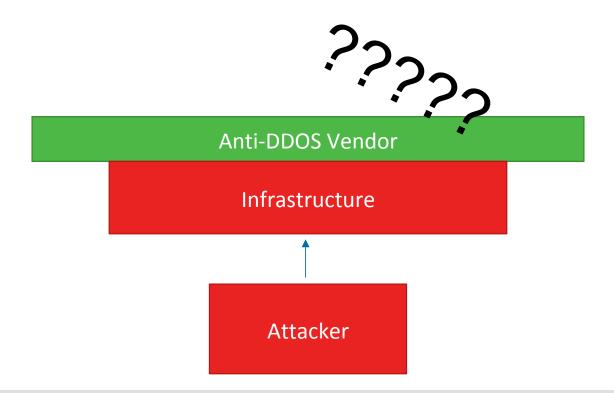
**RIGHT?** 

## **DDOS Economic Model: A Trend**



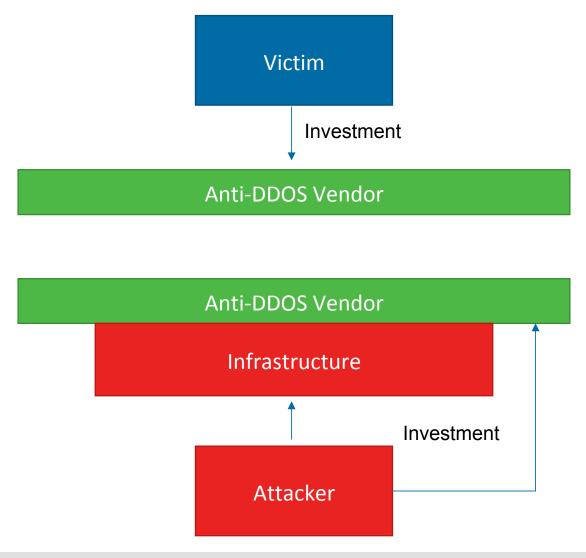


#### **DDOS Economic Model: A Trend**

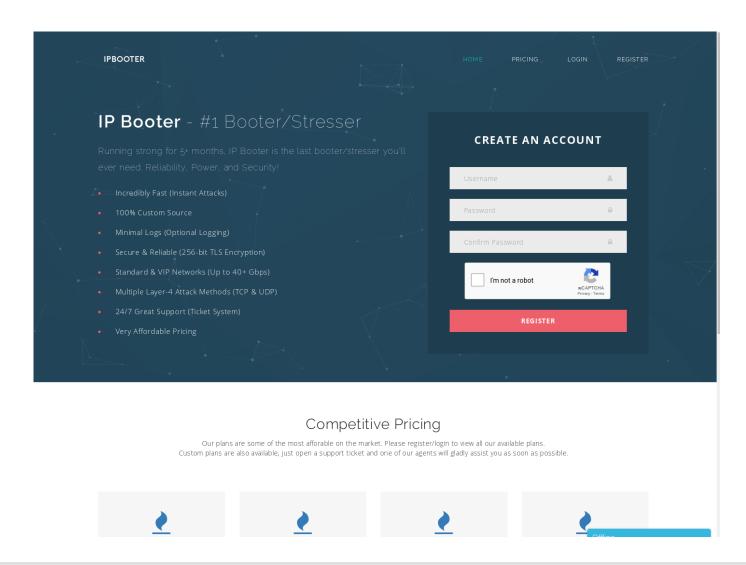




#### **DDOS Economic Model: A Trend**

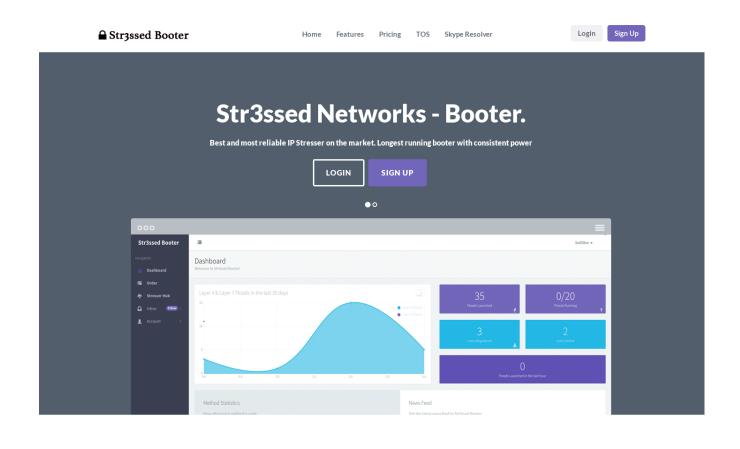


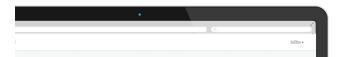
# Wanna buy a DDOS?



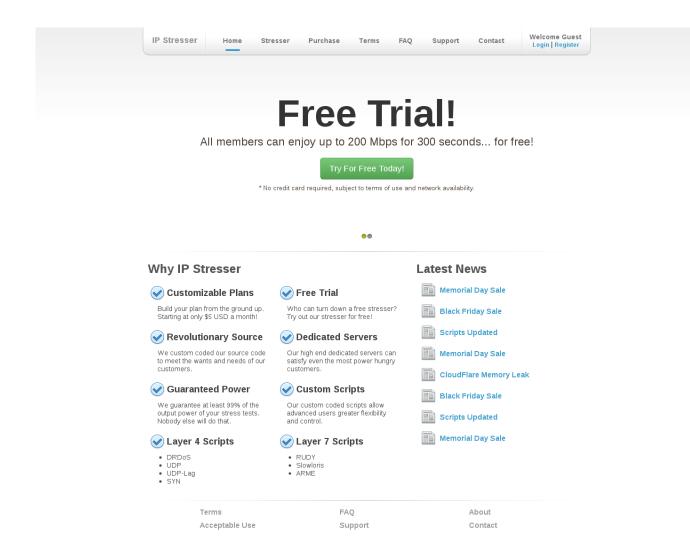


#### str3ssed networks booter





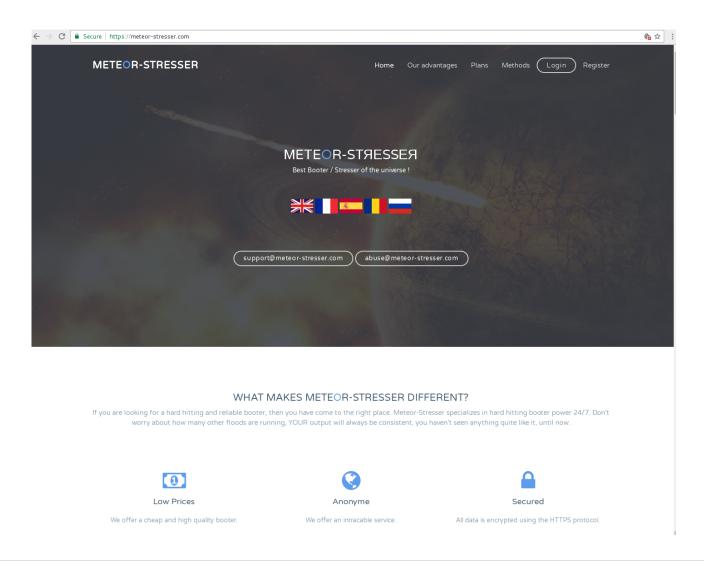
## Pssst, DDOS for sale!

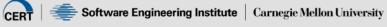






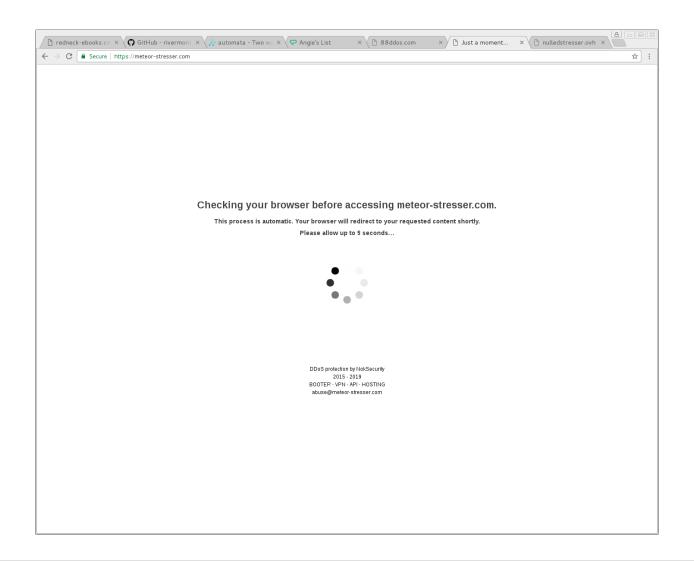
#### **Meteor Stresser**



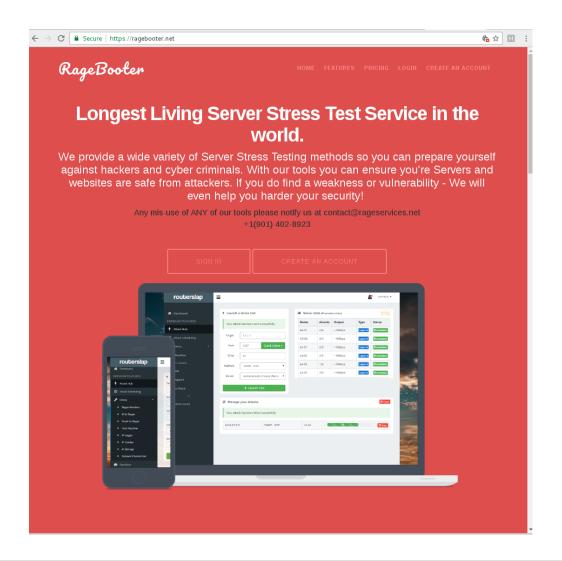


and unlimited distribution."

# But what is that when I go there?



# Maybe it's just one domain?



# There's also a Chinese ISP supporting...

4/13/2017

Botnet Botnet.Cc - Chinese DDOS website stress test platform - DDOS web end - China DDOS web end

Each package has our dedicated VIP node. We guarantee 15-30Gbps per attack.



BOTNET.CC

RESOLVER (LOGIN.PHP)

INFORMATION (LOGIN.PHP)

LOGIN (LOGIN.PHP)

REGISTER (REGISTER.PHP)

# A revolutionary IP test platform

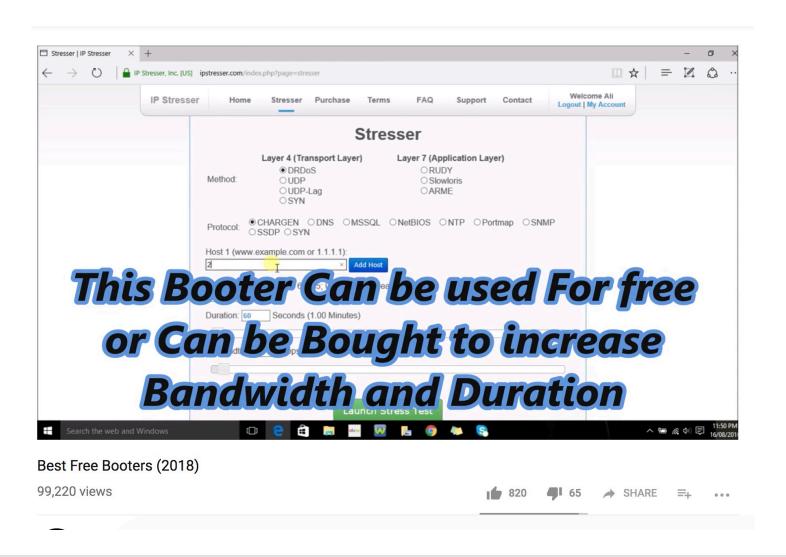
The best pressure on the market platform.

# What about tacit DDOS support?

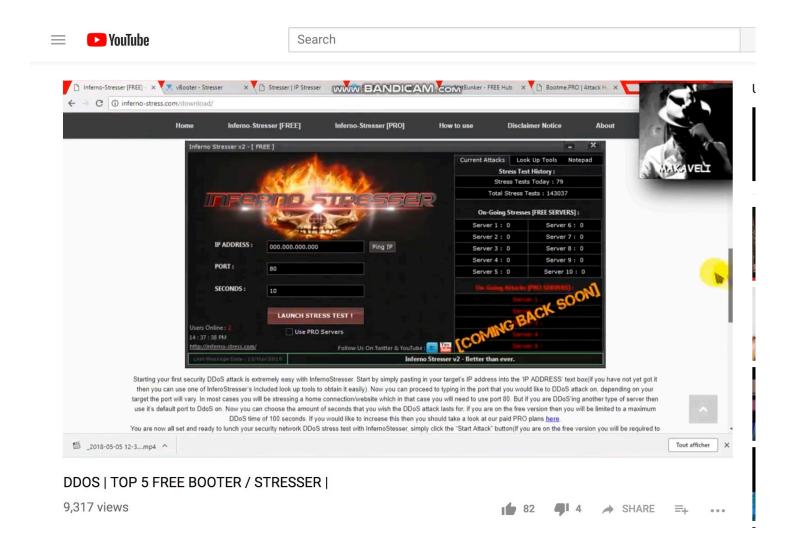
It's one thing to directly allow the DDOS vendors to sell...

...but what about other support?

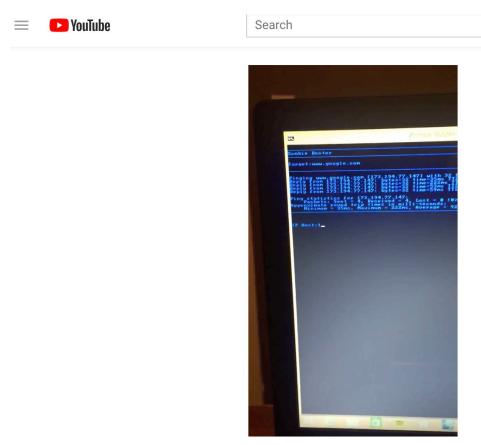
#### Youtube videos!



#### Youtube videos



## Youtube videos



Zombie Stresser (made by me)

186 views

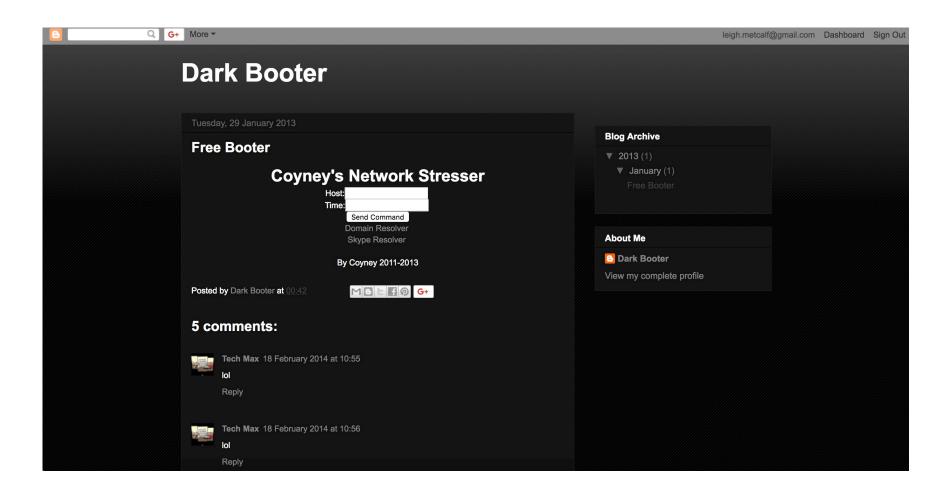








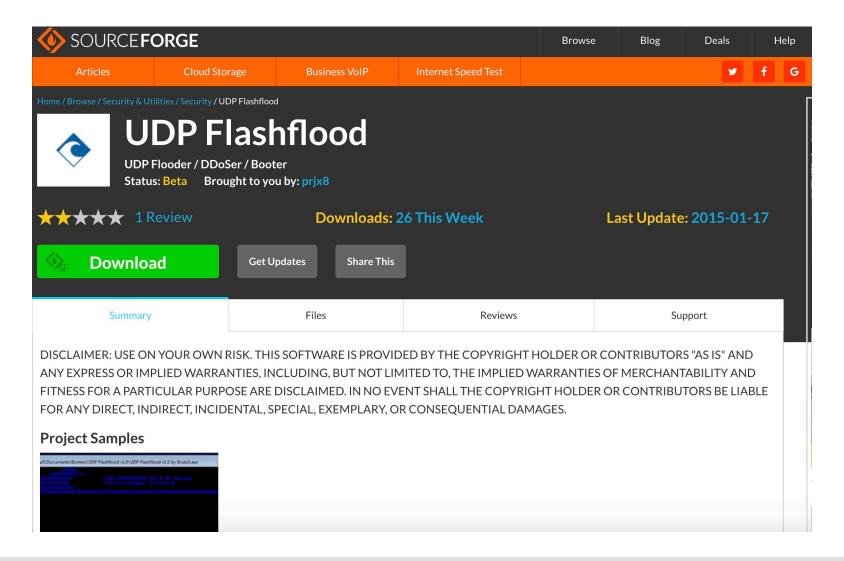
# We also have blogspot sites



# blogspot.ru sites

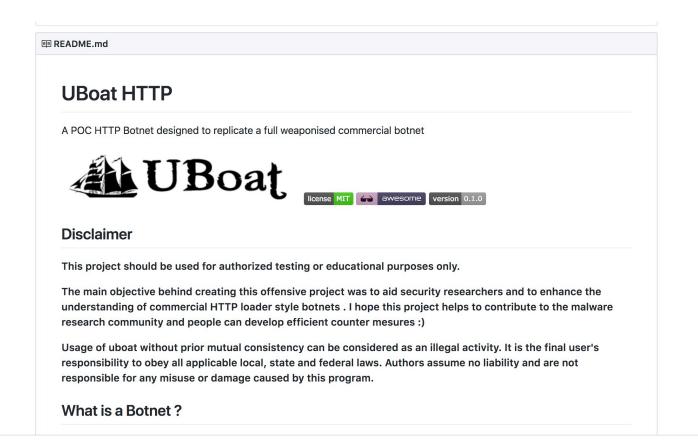


# Want to do your own DDOS?



and unlimited distribution."

#### Or what about...



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# **Beyond DDOS**

It makes sense that these guys would advertise themselves, they want people to buy them. That's their economic motive.

So I went looking for botnets.

### botnet.cc



BOTNET.CC

SKYPE RESOLVER (LOGIN.PHP)

INFORMATION (LOGIN.PHP)

LOGIN (LOGIN.PHP)

REGISTER (REGISTER.PHP)

# A revolutionary IP test platform

The best pressure on the market platform.

LOGIN(LOGIN.PHP)

REGISTER(REGISTER.PHP)

Take down anyone with the best ip stresser / booter!





### **Botnet Servicex**



#### botnetservicex

RANSOMWARES

BOTNET VIDEOS

FORUM

CONTACT

#### We are the best in our job!

BANKING BOTNETS



BUSSINESS

Botnet-Servicex is a underground bussines dedicated to setup botnets. We give the control panel + exe totally fud + 400 bots. We have Banking, DDoS, Stealers, Bitcoin Miners and Pos Malwares. Best prices on the net, pay via Btc or Pm. You can contact with we via icq.

#### How our botnet works

The botnets have a control panel alocated in a Secure Private Server. We help you to use it, depending of the quantity of bots (pc zombies) you have you will receive more or less loos. We are working since 2009 without any problem with our clients.

POS BOTNETS

of the botnets depends the botnet you choose, it can be: grab password, steal password, attack web via ddos, grab dumps (track 2), load exe...

Botnet-Servicex .Inc 2009-2017

BtnSrvx Tests

December 5, 2016 Good funcs and fast service....

October 3, 2006 Botnets work good, 1 day +40 CC.

September 28, 2016 Secure Panels and Good Bots, I can...

September 25, 2009

September 20, 2009

### **Botnet Servicex**

#### botnetservicex

BANKING BOTNETS DDOS BOTNETS POS BOTNETS

RANSOMWARES

BOTNET VIDEOS

CONTACT

#### Ransomware Winlockers



BUSSINESS

The Winlockers its a type of Malware, blocks the PC, encrypt the files and the victims need to pay a quantity of money to recovithe PC. The pay usually in Btc, if the victim not pay the files of pc are deleted.

### List and Prices

WinLocker Builder 4.0 - 100\$

MultiLocker v3.0 { Panel + Builder + Fud Exe + Lending Page + 100 Bots} - 200\$ Silent WinLocker V5.0 { Panel + Fud Exe + Lending Page + 100 Bots } - 250\$

#### Features

- Build Exe Malware (...)
- Control Pays of Bots
- And More

Botnet-Servicex .Inc 2009-2017

BtnSrvx Tests

December 5, 2016 Good funcs and fast service....

October 3, 2006

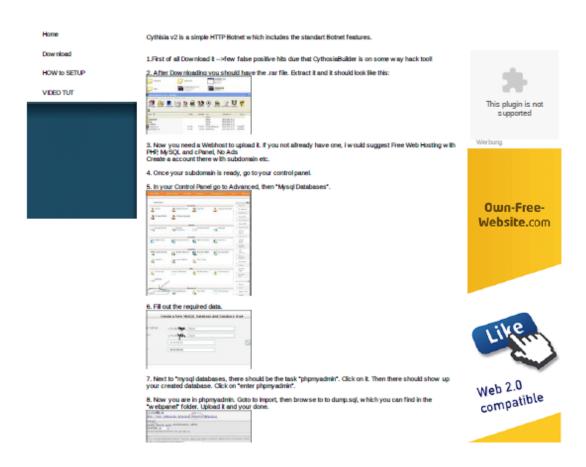
Botnets work good, 1 day +40 CCL.

September 28, 2016 Secure Panels and Good Bots, I can...

September 25, 2009

September 20, 2009

### Cythosia botnet



### miraibotnet.eu



Mirai botnet Shop ()

Trusted

Find out why!

### BENEFITS OF CHOOSING ME



#### LIGHTING FAST

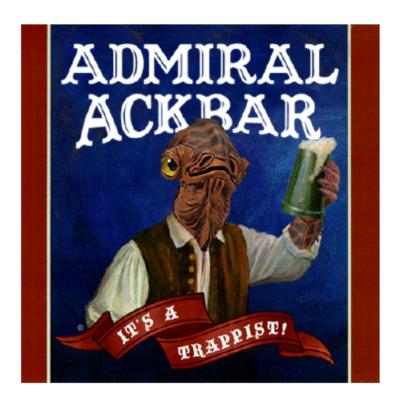
I'm always on daily, ready to provide sales and support at any given time!

## freetrojanbotnet.com

	Search:		Search			
	[VIP Section ]					
HDATE	uDESCRIPTION	"TYPE	MAIDEO	#RISK	AVERIFY APRICE ARE	
07-08-2017	Zeus Rotaet 5.0.0.1		video			ebook
67-62-2017	Will have a biggest update	any	video			ebook
02-13-2016	I NEED PANEL AND BINS BOT ANDROMEDA LAST VERSION	any	video			ebook
09-10-2016	Sell SMTP Bruteforcer coded in df	CH	video			ebook
01-08-2016	Citadel 8.8.3.3 (Atmos) Banking trojan	C++	video			ebook
63-69-2015	Retabot 1.8.0.11 full panel function+ Builder = 1005 full guider	C/C++	video		1005 fac	ebook
	[ Bots "Click Show ALL." ]					
HDATE.	adescription	#TYPE	NVIDEO	aRISK	SVERIFY SPRICE SEA	CEROOK
12-04-2017	Neutrino HTTP Botnet ef.1 [Complete Fanel + Builder]	C++	video			ebook
28-63-2017	Zona Mind 2-9-6.1 File work	C++	video			ebook
23-63-2017	Loki Stealer Lú	C++	video			ebook
23-63-2017	Diamond for bother 42.0.650 Fix update new	C++	tideo			ebook
12-01-2017	Zskim HTTPROTNET	C++	video			ebook
16-08-2016	Atrax Bottot (Tar Hidden Service, autraceable)	c	video			ebook
16-09-2016	Hondini But Http Vbs verious 0.6		video			ebook
14-09-2016	Houdini Bot Http Vbs revious 0.3		video			ebook
11-09-2016	Diamond for horses 42.2.650 FULL BUIDER	C++	video			ebook
10-08-2016	Post 22	C++	video			ebook
10-08-2016	Post 2.1	C++	video			ebook
16-07-2016	Megalodan Panel HTTP	C#(2.0)	video			ebook
14-06-2016	Rise bottest spanel	Vb6	video			ebook
14-06-2016	Neutrino vi.9.4 HTTP Rotnet   Smart DDuS   Forugrabber   CCGrabber   ++ [Cracked by 0x22]    New Edition	C/C++	video			ebook
14-06-2016	Neutrino vl.6 HTTP Botnet   Smart DDuS   Formgrabber   CCGrabber	C/C++	video			ebook
14-06-2016	Neutrino HTTP DDući Rotnet [Cracked by 0x22 & Lastit]	C/C++	video			ebook
14-06-2016	[Update]Gaudux - HTTP Bot (1.1.0.1)   C++(ASM[Ring) Rootkit   Watchdog   Autis   Stable	C+HASM	video			ebook ebook
14-06-2016	Gaudes vi.12.0 - HTTP bot (C.S. ASM. Sikb	CAASM	video			ebook
14-06-2016	Riackout Rotart V2	C/C++	video			ebook
14-06-2016	Spp-1218 [web nar ]	C/C++	video			ebook
14-06-2016	afcaet v0.5 b	Python	viideo		0 fac	ebook



## Phishing – phishtown.com



JOIN THE REBELLION

E-Mail the Admiral





### What about ransomware?

Why on earth would someone put ransomware in a domain name?

Well...

(DO NOT GO TO THESE SITES....)

### microsoft-protection-from-ransomware.info





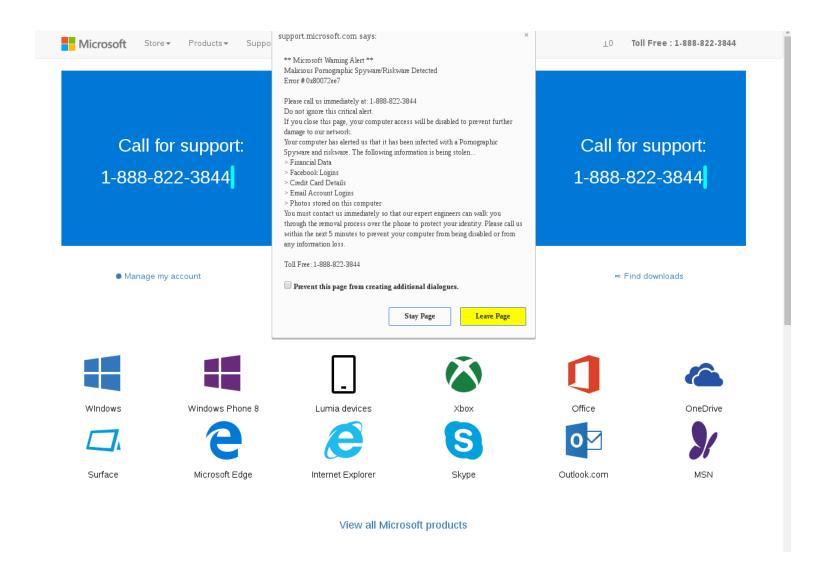


### microsoft-protection-from-ransomware.info

There's a phone number listed on this site. 888-441-1595

....It belongs to behappy2day.com. A mail order bride service.

### ransomware-threat-detected-remove-it-now.info





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### ransomware-threat-detected-remove-it-now.info

Googling the phone number in this site goes to websites that claims it belongs to either Microsoft, Apple, iTunes...

I'm going to go out on a limb here and claim it's 'bad'.



## Looking for ransomware in TXT records

I thought, why not? I'm grepping for evil.

I have a passive DNS data set.

Let's see what happens!

(Spoiler Alert: I found some...)

## Looking for ransomware in TXT records

#### Index of /ransomware

	<u>Name</u>	Last modified	<u>Size</u>	<u>Description</u>
<u>_</u>	Parent Directory		-	
	<u>a (13).exe</u>	2017-09-11 18:18	155K	
	<u>a (14).exe</u>	2017-09-11 18:18	209K	
	a (15).exe	2017-09-11 18:18	2.0M	
	a (16).exe	2017-09-11 18:18	1.3M	
	<u>a (17).exe</u>	2017-09-11 18:18	1.3M	
	a (18).exe	2017-09-11 18:18	224K	
	a (19).exe	2017-09-11 18:18	2.1M	
	<u>a (20).exe</u>	2017-09-11 18:18	224K	
	<u>a (21).exe</u>	2017-09-11 18:18	1.7M	
	<u>a (22).exe</u>	2017-09-11 18:18	224K	
	<u>a (23).exe</u>	2017-09-11 18:18	1.3M	
	<u>a (24).exe</u>	2017-09-11 18:18	319K	
	<u>a (25).exe</u>	2017-09-11 18:18	319K	
	<u>a.exe</u>	2017-09-11 18:18	319K	
?	<u>a2</u>	2017-09-11 18:18	1.3M	
	<u>a3.exe</u>	2017-09-11 18:18	188K	
	a4.exe	2017-09-11 18:18	523K	
	<u>a5.exe</u>	2017-09-11 18:18	210K	
	<u>a6.exe</u>	2017-09-11 18:18	1.9M	
	a7.exe	2017-09-11 18:18	164K	
	a8.exe	2017-09-11 18:18	1.3M	
	<u>a9.exe</u>	2017-09-11 18:18	319K	
	<u>a 10.exe</u>	2017-09-11 18:18	224K	
	a11.txt.exe	2017-09-11 18:18	1.3M	
	a12.txt	2017-09-11 18:18	1.2M	
	<u>alliamisnetcat.exe</u>	2017-09-12 15:36	58K	
2	<u>notanevil.file</u>	2017-09-12 15:36	0	
ů	<u>ransom.zip</u>	2017-09-12 15:37	14M	



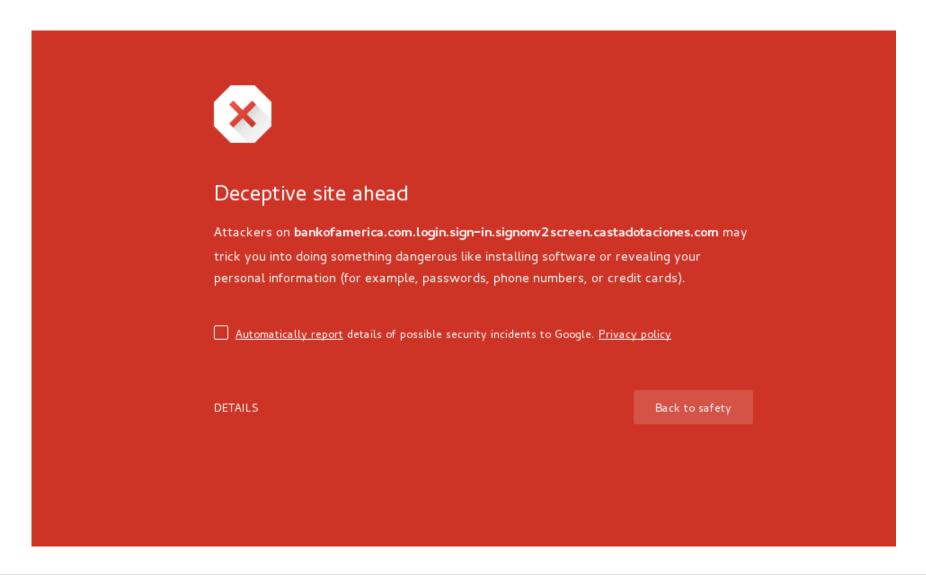
and unlimited distribution."

### **Another thing I learned...**

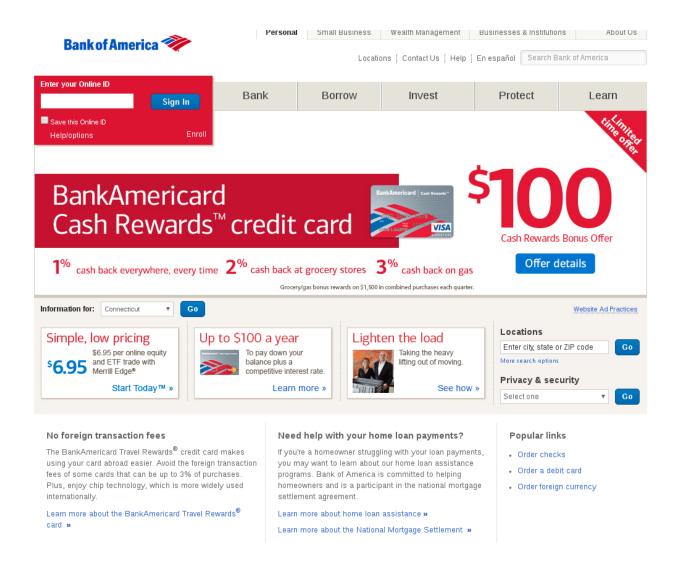
# Do NOT go to sites with both bank and login in the name.



### bankofamerica.com.login.sign-in....



### bankofamerica.com.login.sign-in....





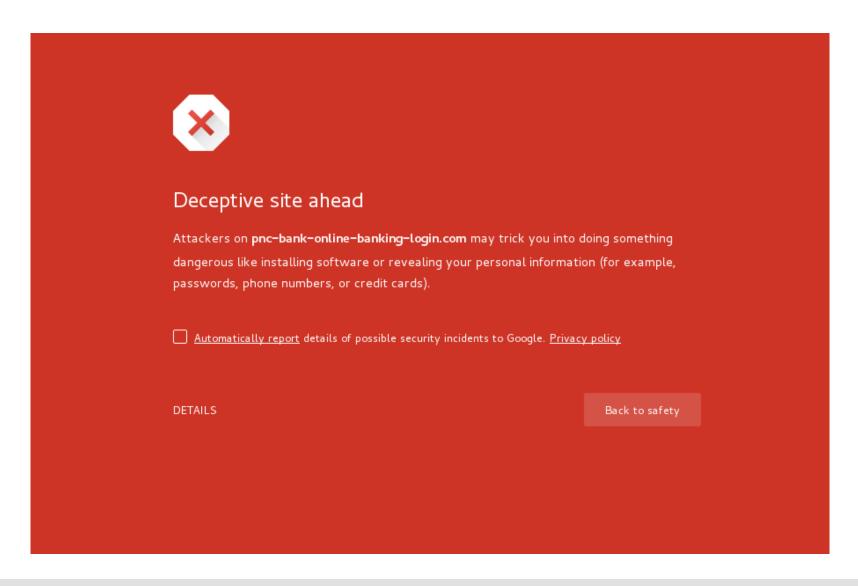


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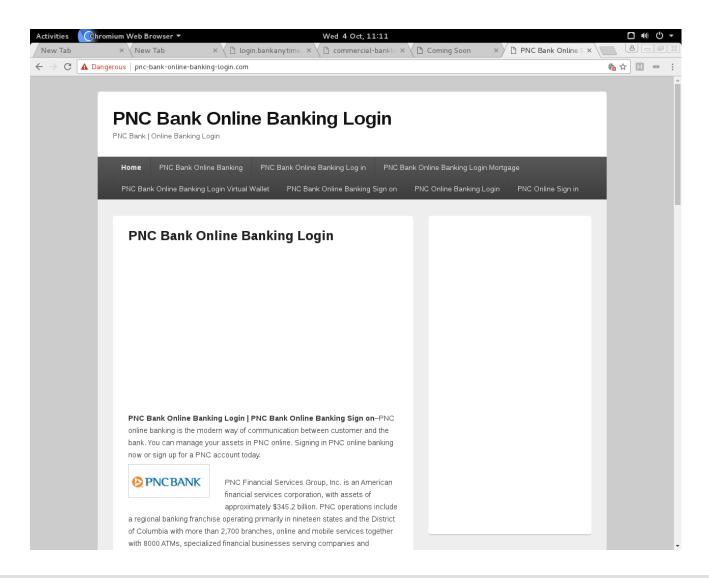
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## pnc-banking-...



### pnc-banking-...



## bank AND login

Neither of those were actually Bank sites.

Isn't it nice they tell me they are?

## **Zero Days**

What else to look for?

How about 0days? I found a website that promised to sell me some.

### **Oday.today**

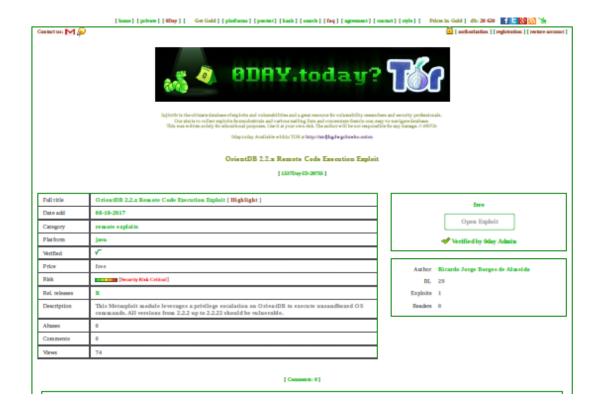


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### **Oday.today**



## So this looks easy, right?

### I found:

**DDOS** 

botnets

ransomware

0days...

And that's not even including the malware!

## On the other hand...

Domain Name-based Blacklists Lists Gained Lists Lost Domain Names							
Report	Total Lists	Lists Gained	Lists Lost	Unique Indicators			
2012.1	11	-	-	6468501			
2012.2	11	0	0	9235902			
2013.1	20	10	1	12592250			
2013.2	20	0	0	5027066			
2014.1	20	0	0	2772391			
2014.2	20	0	0	10446624			
2015.1	35	19	4	12231742			
2015.2	35	0	0	13051429			
2016.1	31	7	11	24359712			
2016.2	26	4	9	26274848			
2017.1	27	4	3	26805987			
2017.2	26	5	6	40857873			



### While finding these domains was fun...

We're not even making a dent in the total amount of badness out there by just looking for the easy things.

In summary: Finding the guys that are hiding is hard.

Finding the guys that aren't hiding isn't.



# Questions?

PS. Don't go to domains with both bank and login in them!