CABLE-TEC EXPO® 2017

SCTE · ISBE

# THE NEXT BIG...

CONNECTION INNOVATION TECHNOLOGY LEADER NETWORK





# SCTE · ISBE

# The Deep Dark Scary Web

Randy Stanger

Malware and Cyber Threats

Program Manager

NCFTA





# Today's Evolving Threats

Ransomware

Distributed Denial of Service (DDoS)

Malware as a service





## At Your Service

# Turn-key approach

Simply pay bitcoin

## Services available for a fee

- Remote Access
- Spam
- Ransomware
- DDoS (booter)





USD 601.69 CAD 796.50 EUR 537.06 AUD 785.82 GBP 463.01

HOME SALES MESSAGES **ORDERS** LISTINGS BALANCE **FEEDBACK FORUMS** API SUPPORT





Services Other Other

DDOS ATTACK with my Botnet: 24 hours on your targe...





Contact Seller

Favorite Listing

Favorite Seller

Alert when restock

Report Listing



# DDOS ATTACK with my Botnet: 24 hours on your target (100% SATISFACTION)

DDOS ATTACK: I will point my botnet on your target DURING 24 HOURS. Before order, please send a message with your target. By that way, I will test if I have enough power to shut it down! No Guarantee of downtime as the target can mitigate the attack in some ways but I will do my best to provide the maximum downtime possible during these 24 hours. PLEASE CHECK FEEDBACK 100% SATISFACTION! An...

Sold by amelia75 - 36 sold since Aug 19, 2016 Vendor Level 1 Trust Level 3

	Features		Features
Product class	Digital goods	Origin country	Worldwide
Quantity left	Unlimited	Ships to	Worldwide
Ends in	Never	Payment	Escrow









**MESSAGES** 

**ORDERS** 

**Botnets & Malware** 

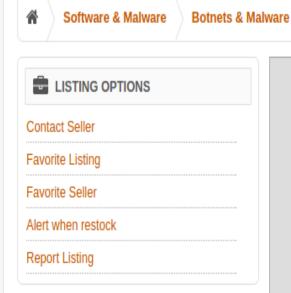
HOME

SALES

USD 601.59 CAD 796.37 EUR 536.97 AUD 785.69 GBP 462.93

LISTINGS BALANCE FEEDBACK FORUMS API SUPPORT





**BROWSE CATEGORIES** 

# GinX Ransomware - Windows and Mac OS-X (%70-%30 split)

Sold by Ranstone - 0 sold since Jan 27, 2016 Vendor Level 1 Trust Level 4

GinX Ransomware - Windows and Mac OS-X (%70-%30 sp...

		Features		Features
	Product class	Digital goods	Origin country	Worldwide
ì	Quantity left	50 items	Ships to	Worldwide
	Ends in	Never	Payment	Escrow



SALES

USD 601.59 CAD 796.37 EUR 536.97 AUD 785.69 GBP 462.9

SUPPORT

\_\_\_\_\_

= How tech savvy do I need to be to use this? =

LISTINGS

BALANCE

Not at all. We've designed this so any level of user will be capable of using it.

**ORDERS** 

We've designed this with the mentality and that any user capable of executing a file can use this software. So if you can put a file onto a USB and copy it over to another computer, e-mail an attachment, and send a file you can use this. When you've purchased the Ransomware you'll receive your order number, the software, and a detailed guide on how to use it.



## Ransomware as a service

		-	. 0	×
Shark Payload Builder				
Bitcoin address	1FfmbHfnpaZjKFvyi1okTjJJusN455paPH			
Direcories	C:\\			
File formats	*.exe			
Default price	50			
Prices for countries	US 100			
Email address	someone@domain.com			



GBP 463.62 USD 602.49 CAD 797.56 EUR 537.78 AUD 786.85

SALES MESSAGES **ORDERS** 

LISTINGS

BALANCE

FEEDBACK

**FORUMS** 

API

SUPPORT





HOME

Services

Other Other DARKNET HACKING SERVICES



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Contact Seller

Favorite Listing

Favorite Seller

Alert when restock

Fraud

Report Listing







#### DARKNET HACKING SERVICES

Our consulting services provides professional hacking services for hire. We're a team of individuals with very similar technical skills and work in a red team configuration. Hacking services include web servers, FTP servers, web applications, custom RATs to social engineering and everything in between. A strict methodology is followed that is specialized to every client and has proven success ...

Sold by FliP - 261 sold since Jan 14, 2015 Vendor Level 3

Trust Level

	Features		Features
Product class	Digital goods	Origin country	Burundi
Quantity left	Unlimited	Ships to	Worldwide
Ends in	Never	Payment	Escrow

Default - 1 days - USD +0.00 / item

Purchase price: USD 205.00

Qty: 1



Counterfeit Items

**BROWSE CATEGORIES** 

Drugs & Chemicals

Guides & Tutorials

5491

27039

145983

10487





6D 602.49 CAD 797.56 EUR 537.78 AUD 786.85 GBP 463.0

SALES

HOME

MESSAGES

ORDERS

LISTINGS

BALANCE

FEEDBACK

FORUMS

API

SUPPORT



# **Product Description**

Our consulting services provides professional hacking services for hire. We're a team of individuals with very similar technical skills and work in a red team configuration. Hacking services include web servers, FTP servers, web applications, custom RATs to social engineering and everything in between. A strict methodology is followed that is specialized to every client and has proven success time and time again.

Our credentials include:

- University degrees in computer security, computer science, and other related academics.
- CISSP, CEH, GIAC, multiple other certifications
- Ethical Hacker/Penetration Tester 5+ years experience



# **Account Checkers**

- •Validate compromised credentials
- Use Proxies



# Social Media

- Twitter
- •IRC
- Facebook
- PasteBin
- •Forums...
- So many more



# Slow & Steady Wins the Race

You do not have to be the first and you do not want to be last.



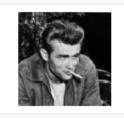


# They know OPSEC

## Let's Talk About Security [astor]

Discussion in 'Tutorials' started by Boogle, Mar 29, 2015.

Watch Thread



Boogle Active Member

Joined: Mar 19, 2015

Messages:

Likes Received: 952

2.095

source: SRF1, astor: 14-08-2013

In the wake of the Freedom Hosting exploit, I think we should reevaluate our threat model and update our security to better protect ourselves against the real threats that we face. So I wrote this guide in order to spark a conversation. It is by no means comprehensive. I only focus on technical security. Perhaps others can address shipping and financial security. I welcome feedback and would like these ideas to be critiqued and expanded.

As I was thinking about writing this guide, I decided to take a step back and ask a basic question: what are our goals? I've come up with two basic goals that we want to achieve with our technical security.

- 1. Avoid being identified.
- 2. Minimize the demage when we are identified



## More Words of Wisdom

===Safe Behavior===

In some cases, the technology we use is only as safe as our behavior. Encryption is useless if your password is "password". Tor is useless if you tell someone your name. It may surprise you how little an adversary needs to know about you in order to uniquely identify you. Here are some basic rules to follow:

Don't tell anyone your name. (obv)

Don't describe your appearance, or the appearance of any major possessions (car, house, etc.).

Don't describe your family and friends.

Don't tell anyone your location beyond a broad geographical area.

Don't tell people where you will be traveling in advance (this includes festivals!).

Don't reveal specific times and places where you lived or visited in the past.

Don't discuss specific arrests, detentions, discharges, etc.

Don't talk about your school, job, military service, or any organizations with official memberships.

Don't talk about hospital visits.

In general, don't talk about anything that links you to an official record of your identity.



# Online Bank Fraud Mastermind Failed to Cover Tracks

Police Bust \$1 Million Fraudster After He Used Home IP to Route Criminal Proceeds



Tomasz Skowron pleaded guilty to fraud and money-laundering charges. (Photo: Met Police)

Memo to would-be cybercriminals: Want to move stolen money internationally to bank accounts that you control? Need to route funds to a few money mules to get it laundered? Don't do it from a system tied to an IP address registered to your home.



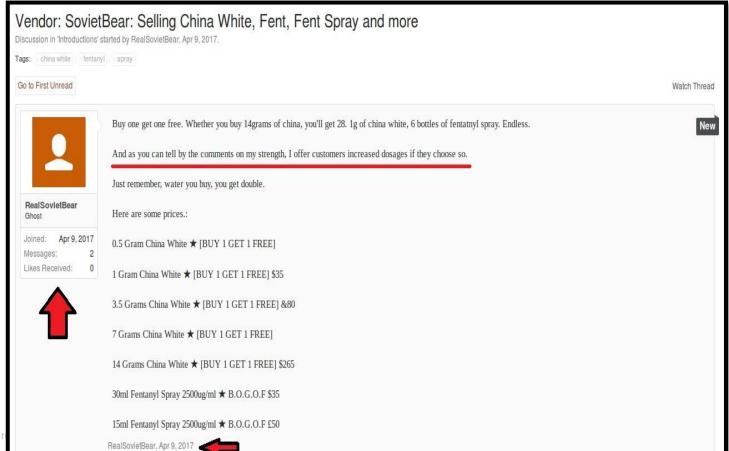
# Let's get the bad guys!

# SovietBear

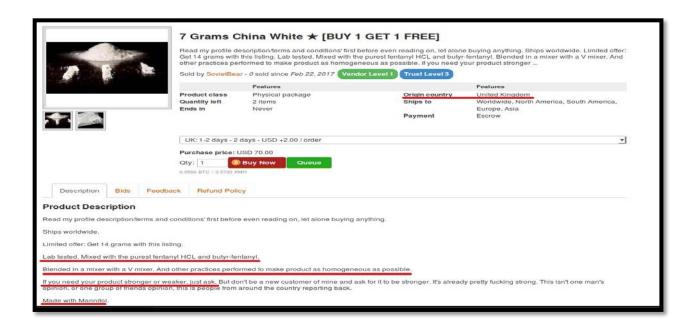
Fentanyl Distribution



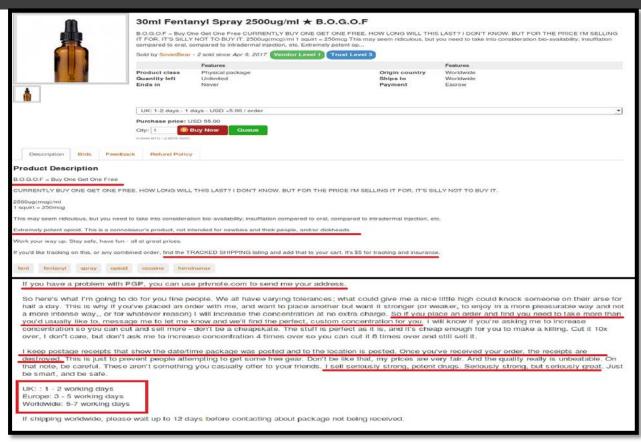
# SovietBear



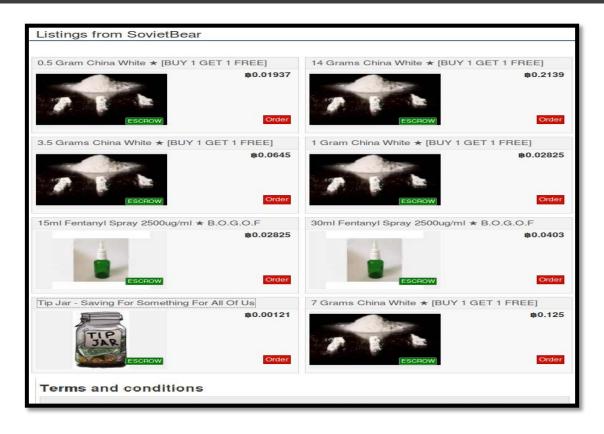














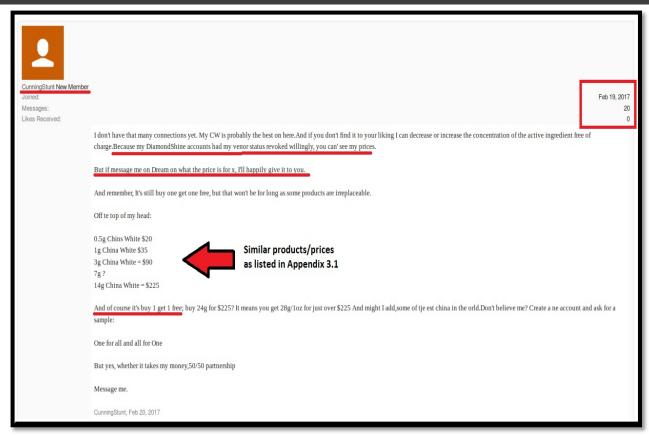
## Links

## DiamondShine first

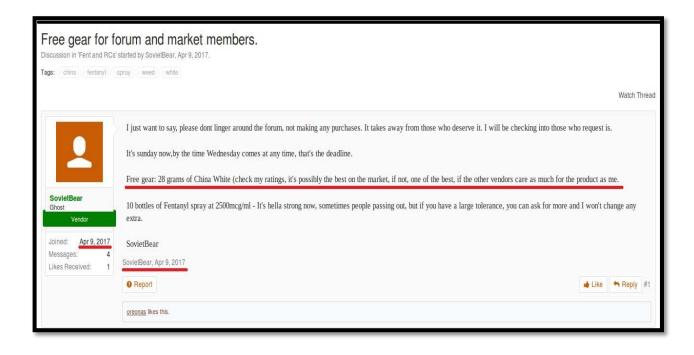
- Extorted for money
- diamond[@]jabber.at, diamondshine[@]sigaint.org, and johnsmith[@]msn.net
- Johnsmith[@]msn.net from PGP

# Replaced by SovietBear













CunningStunt New Member

Joined

Messages:

Likes Received:

Feb 19, 2017 20 0

I don't have the many connections yet, my CW is probably the best on here. And if you don't find it to your liking I can decrease or increase the concentration of the active ingredient free of charge. Because my DiamondShine account had my venor status revoked willingly, you can'see my prices.

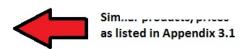
But if message me on Dream on what the price is for x, I'll happily give it to you.

And remember, It's still buy one get one free, but that won't be for long as some products are irreplaceable.

Off te top of my head:

0.5g Chins White \$20 1g China White \$35 3g China White = \$90 7g ?

14g China White = \$225



And of course it's buy 1 get 1 free; buy 24g for \$225? It means you get 28g/1oz for just over \$225 And might I add, some of tje est china in the orld. Don't believe me? Create a ne account and ask for a sample:

One for all and all for One

But yes, whether it takes my money,50/50 partnership

Message me.

CunningStunt, Feb 20, 2017



## Links

DiamondShine first

- Extorted for money
- diamond[@]jabber.at, diamondshine[@]sigaint.org, and johnsmith[@]msn.net
- Johnsmith[@]msn.net from PGP

Replaced by SovietBear

DiamondShine links to CunningStunt

Further identified social media accounts

CunningStunt linked to believed true identity



## Now how about some malware!

# lilc0st



## Canadian threat actor: lilc0st

## Request:

Canadian law enforcement partner requested information Threat actor believed to be connected to hacking activities

## NCFTA provided intelligence:

Confirmed hacking-related activities

Dark web market vending operations

Contact points, IP addresses, and likely geo-location



- Moniker found on hacking/carding forum Altenen
- •118 comments across 26 different threads
- •Most active: December 2016 January 2017
- •Contact points:
  - Skype: joseph laplnte (joseph,laplnte)
  - ICQ numbers: 711291216; 705375721; 710893728
  - Email: t001last[@]gmail.com

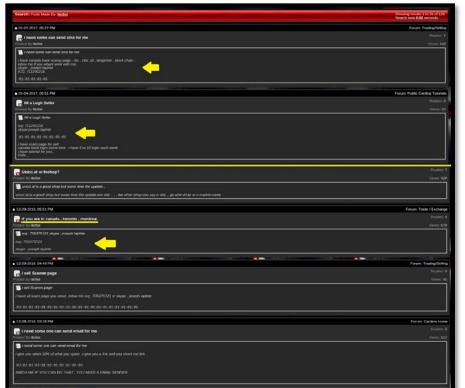
- •ICQ number 70537521 operated by moniker "Frapboy19"
  - Discussion topics and activity dates very similar to lilc0st

### Takeaways from Altenen:

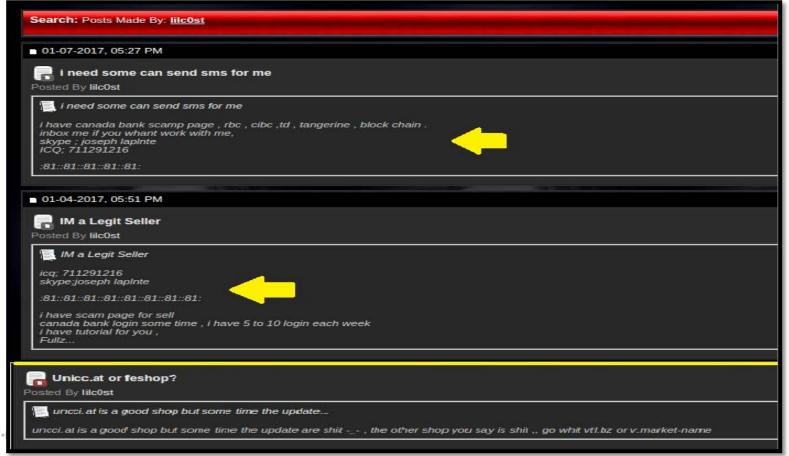
- Knowledge of hacking but not extensive
- Likely native-French speaker



# Threat actor lilc0st: Hacking Forum

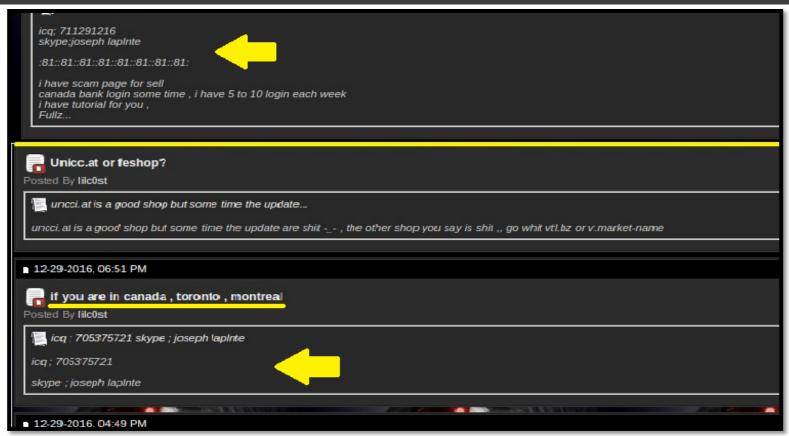






© 2017 SCTF







AlphaBay: 13 Jan. 2017

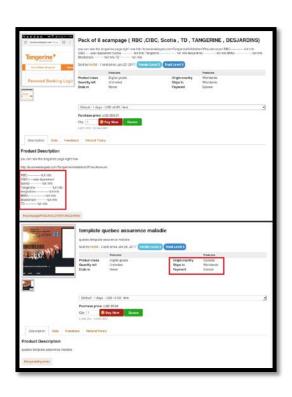
Products: 73 listed

- Narcotics
- Scam pages and bulk emails
- Botnets
- Weapons and poison
- Bank account information

Products matched with Altenen thread posts

Some product images genuine and provided intelligence







1 Todadot Doddinption

you can see the tangerine page right now

http://busniesstargets.com/TangerineValidationOfYourAccount/

RBC------full info
CIBC----user &pasword
Scotia------full info
Tangerine --------full info
desjardins-------full info
BMO-------full info
Blockchain------full info
TD -------full info

#scampage#RBC#SCOTIA#TANGERINE



#### template quebec assurence maladie

quebec template assurence maladie

Sold by lilc0st - 2 sold since Jan 26, 2017 Vendor Level 2 Trust Level 3

Product class Digital goods
Quantity left Unlimited
Ends in Never

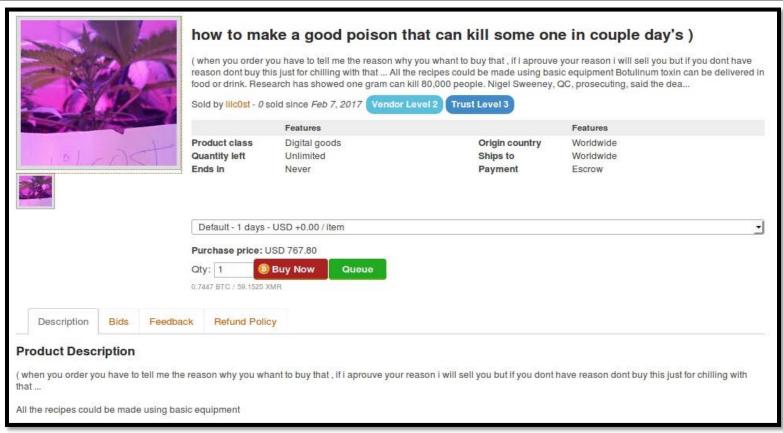
Origin country Ships to Payment

Canada Worldwide Escrow

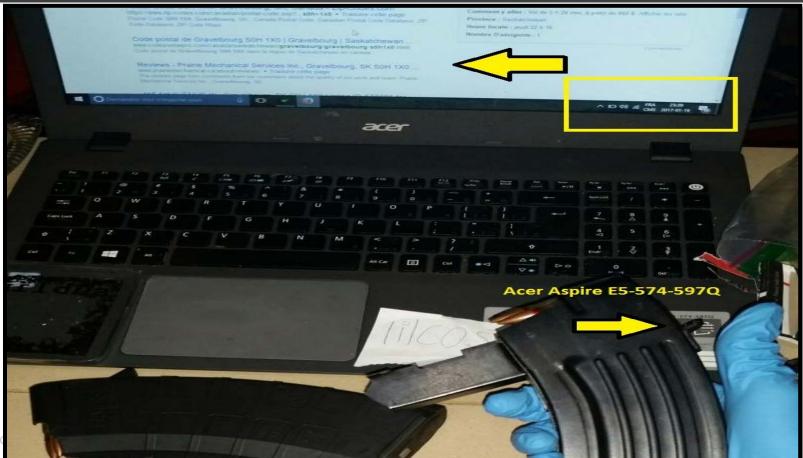
Features













## Findings

Industry partner provided IPs linked to Montreal area

- 70.81.190.197
- 74.15.118.218
- 67.71.169.243

## Updates

AlphaBay active; total products listed 99

 Narcotics and compromised credentials

Wickr contact: lilc0st007

NCFTA working with RCMP, OPP, and CRTC

# SCTE · ISBE

# THANK YOU!

Randy Stanger rstanger@ncfta.net 412-618-3144



