



DOWN THE RABBIT HOLE

A Comprehensive Tour of the Dark Web

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YOU DESERVE THE BEST SECURITY

DOWN THE RABBIT HOLE

Agenda

01.

A deeper look into the dark web architecture

02.

What is to be found on this platform

03.

Innovative technologies? The Dark Web & Blockchain

04.

Syndicates, collaboration and execution



"LIFE IS LIKE AN ONLON BRISANDBURG

A deeper loc

architecture



"BEGIN AT THE BEGINNING" LEWIS CARROLL

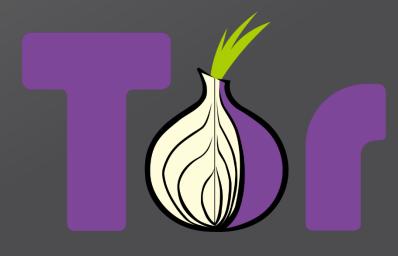
The Dark Web Evolution











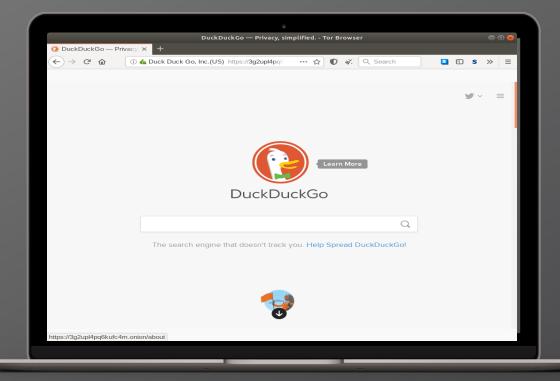
A brief capture of the Tor browser history and evolution

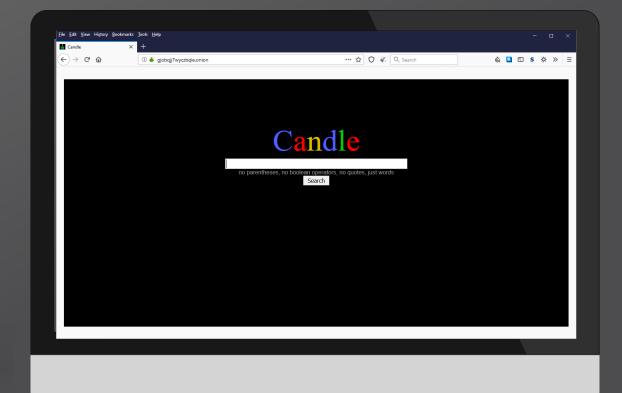
https://www.torproject.org/about/history/



"BEGIN AT THE BEGINNING"

What is TOR?

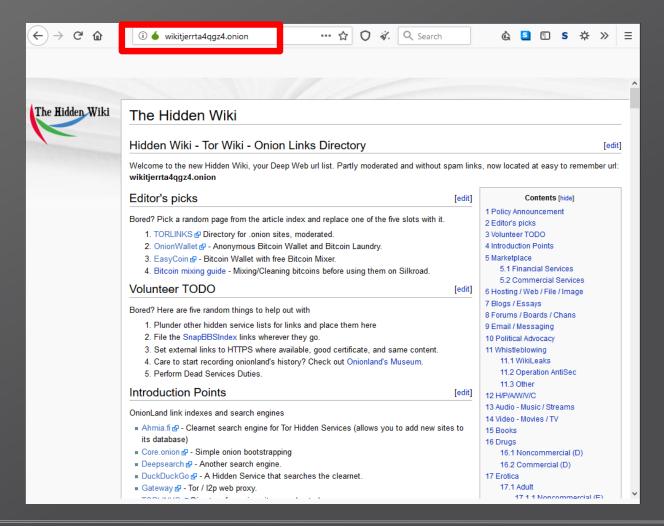






"BEGIN AT THE BEGINNING"

The Dark Web Evolution – Indexed & non Indexed pages





"IF YOU DON'T KNOW WHERE YOU ARE GOING ANY ROAD CAN TAKE YOU THERE"

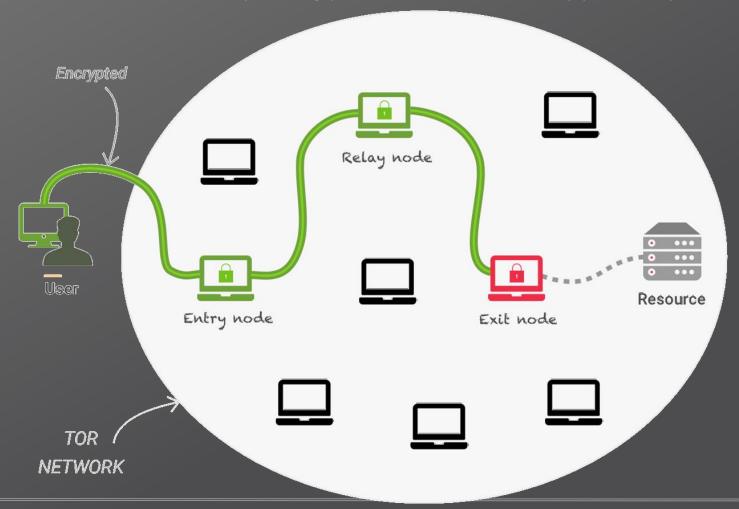
Network topology, VPN and encryption process





"IF YOU DON'T KNOW WHERE YOU ARE GOING ANY ROAD CAN TAKE YOU THERE"

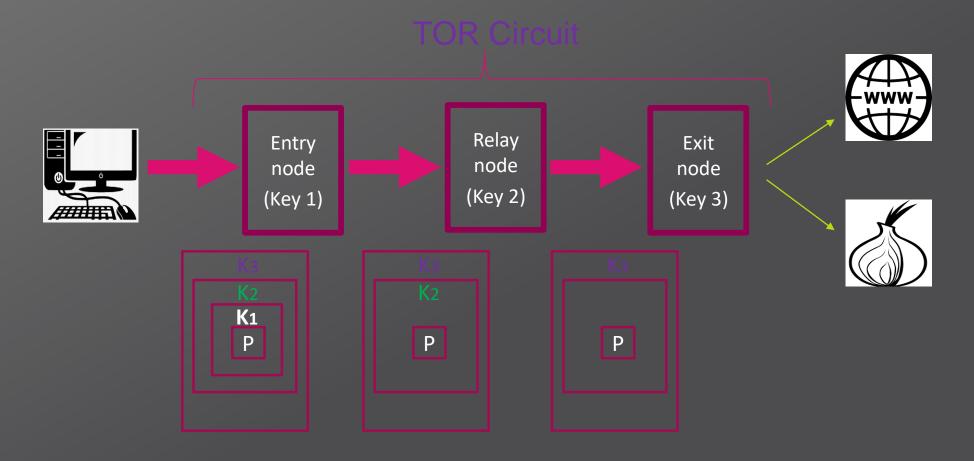
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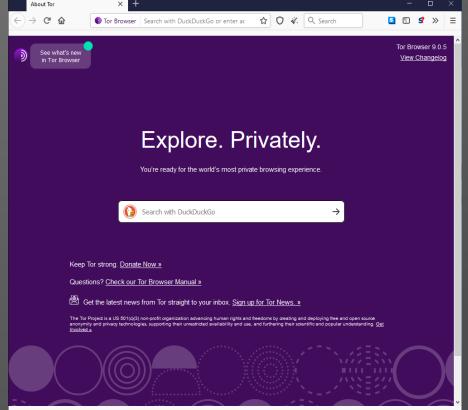
Network topology, VPN and encryption process

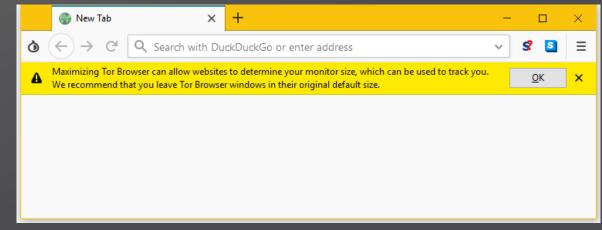


"WHO IN THE WORLD AM I?"

How does One keep Anonymous on the Dark Web?

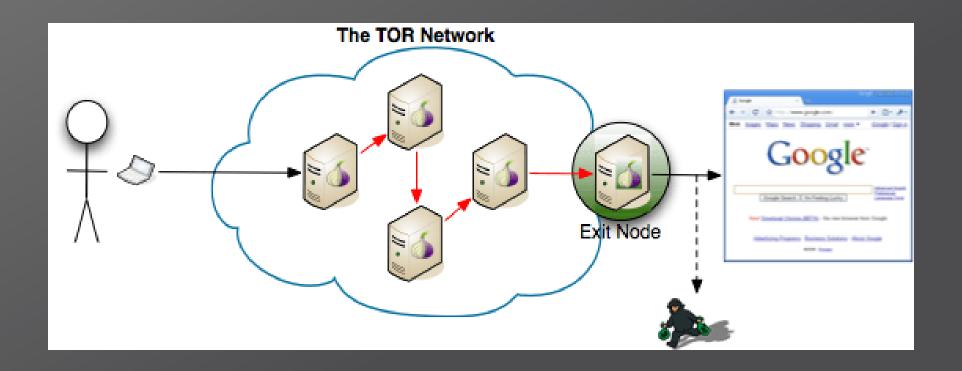






"WHO IN THE WORLD AM I?"

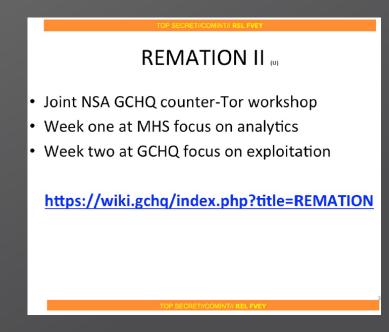
Exit Relay – Exposure node

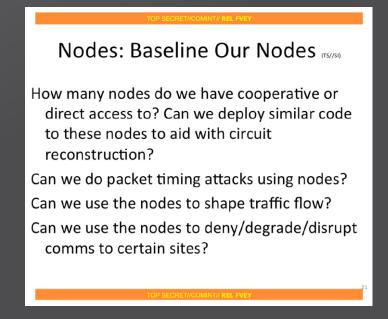


"THE MORE THERE IS OF MINE, THE LESS THERE IS OF YOURS"

Dark Net Nodes Paradigm – Reveal the Man Behind the Keyboard







"THE MORE THERE IS OF MINE, THE LESS THERE IS OF YOURS"

Known Exploits, Reveal the Man Behind the Keyboard

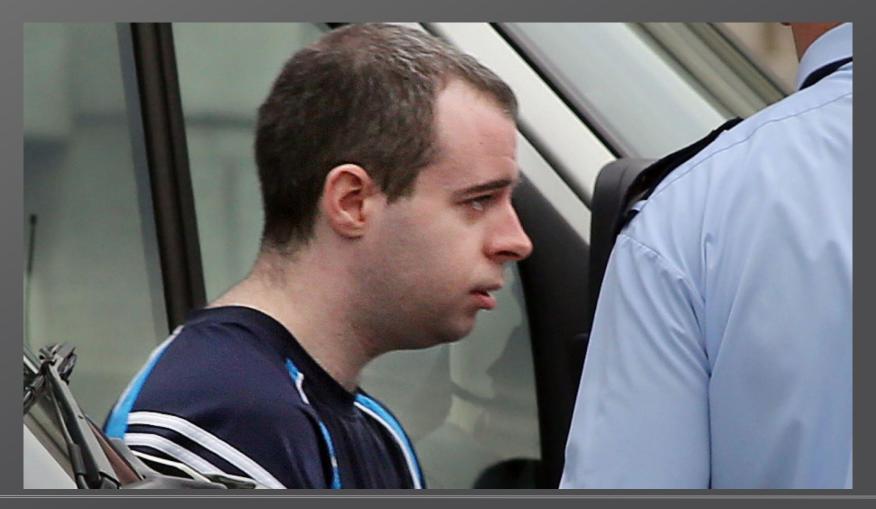


"GCHQ has taps on 200 fiber-optic pipes, each transmitting on average 10 gigabits per second.... That works as being 21.6 petabyte per day"



"THE MORE THERE IS OF MINE, THE LESS THERE IS OF YOURS"

Node and TOR Exploits – Real life example

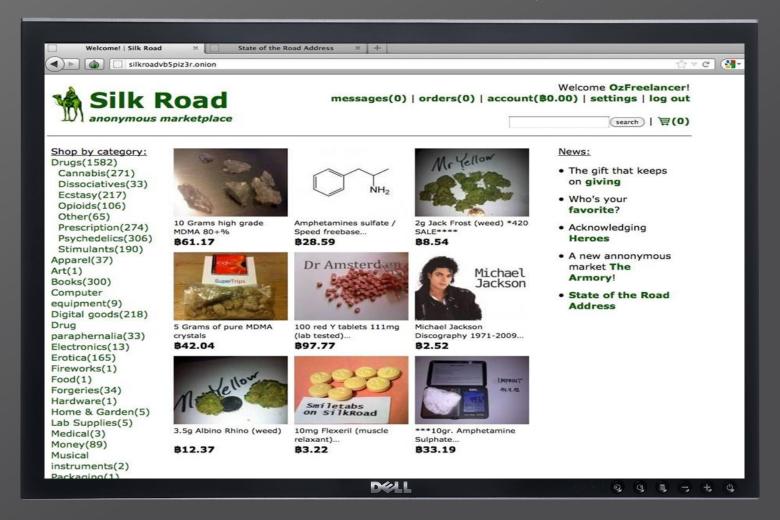




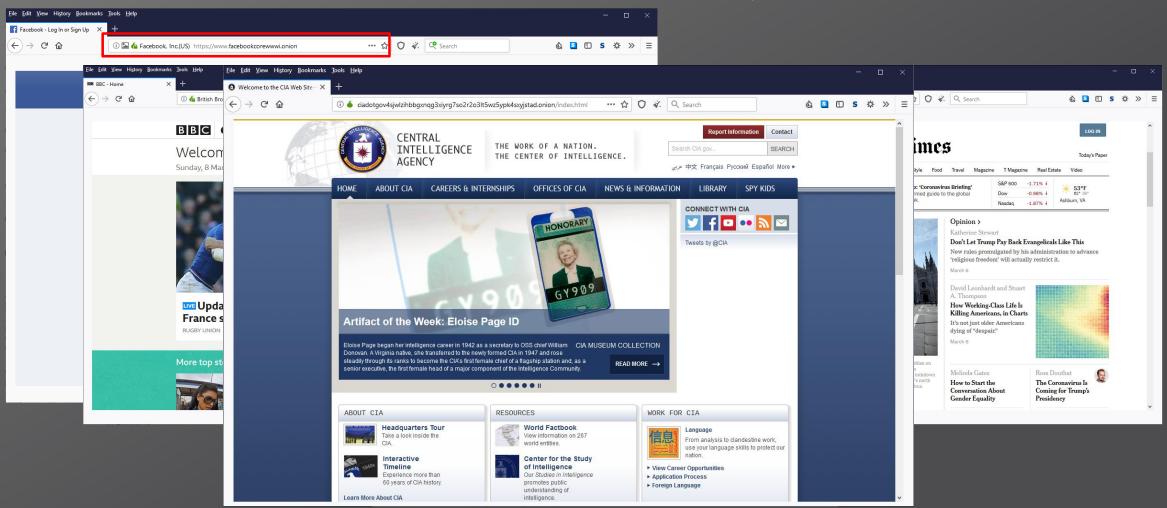
REVEALING THE UNISEEN

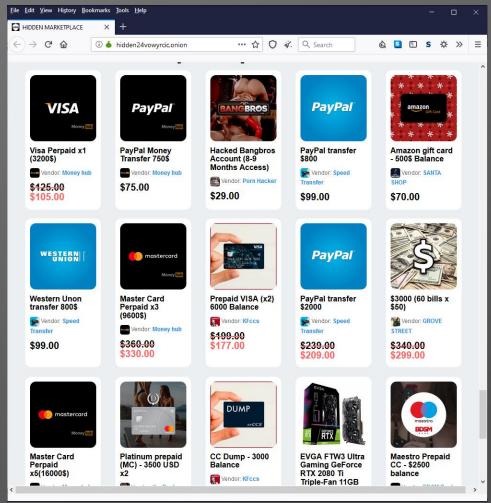
What is blatform

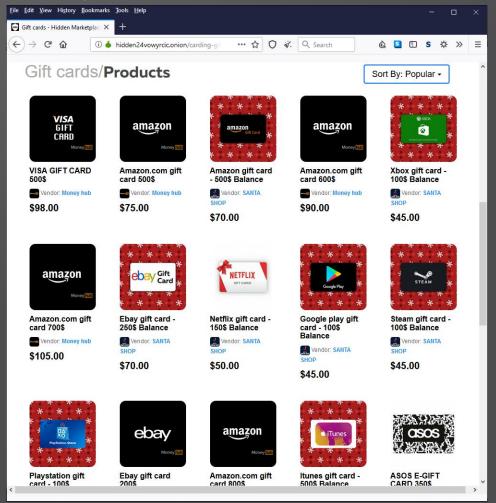


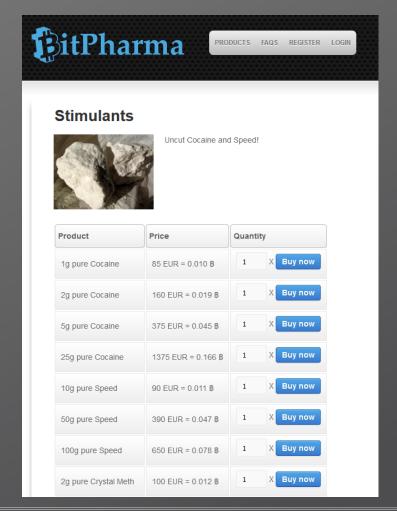


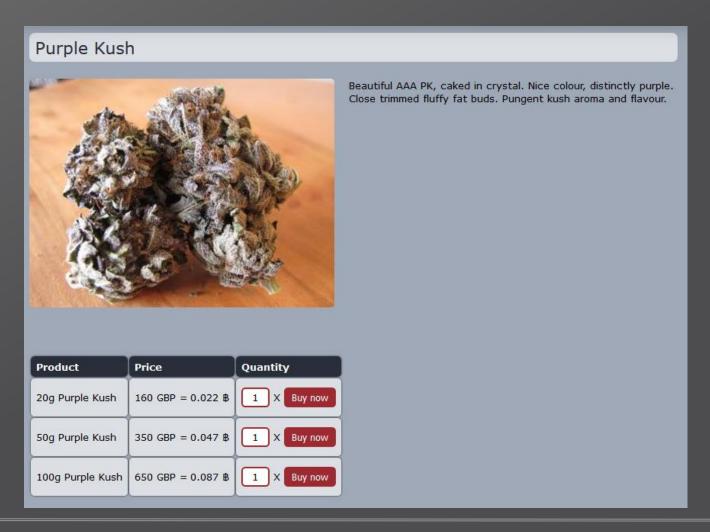










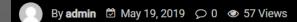


What is to be found on this platform

HOME DIRECTORY (DARK SITES LINKS LIST) MUST READ DARK WEB NEWS FREE VPN CONTRIBUTE DIRECTORY DASHBOARD

DARK WEB NEWS

Munich Gunman Allegedly Bought Gun from the Dark Web



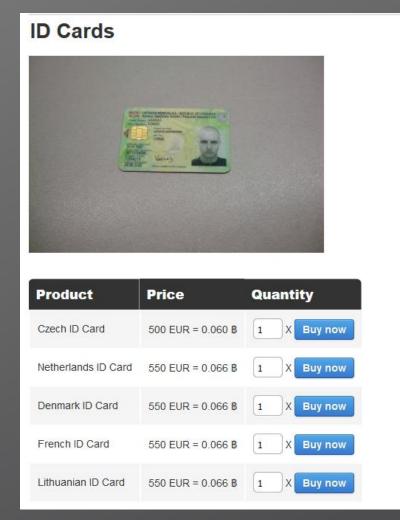


David Ali Sonboly, the Munich killer, reportedly bought the Glock 17 pistol from the dark web.

The German police said that though the serial number of the reactivated gun with which the 18-year-old killed nine people was scratched off, it appeared as though it is of Slovakian origin.



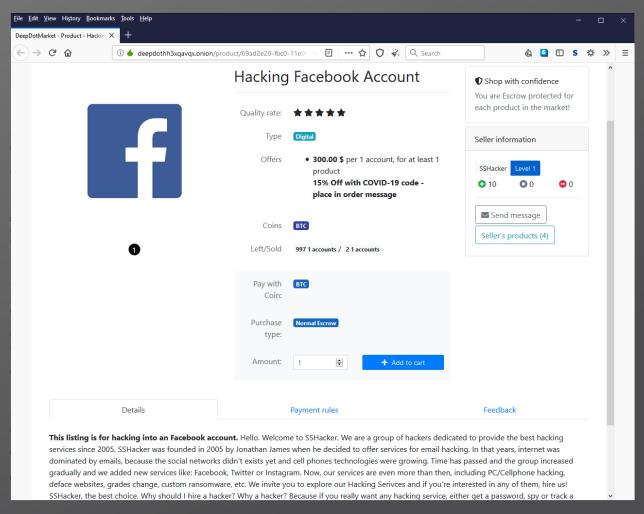






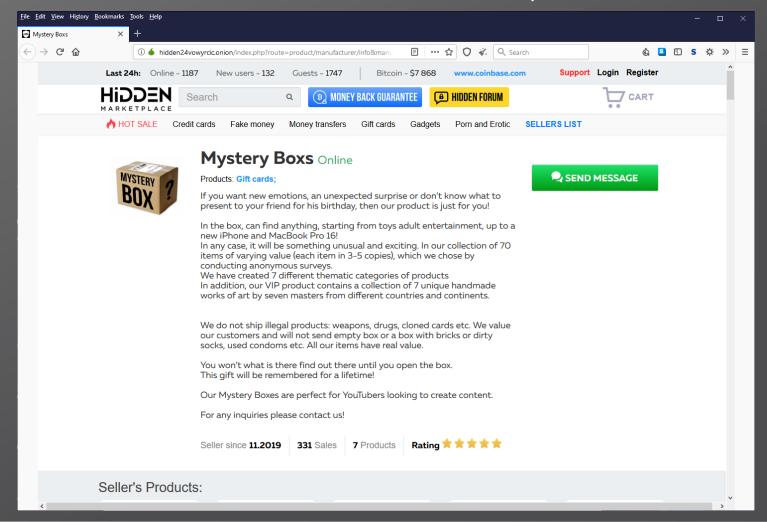








OPEN THE MYSTERY BOX



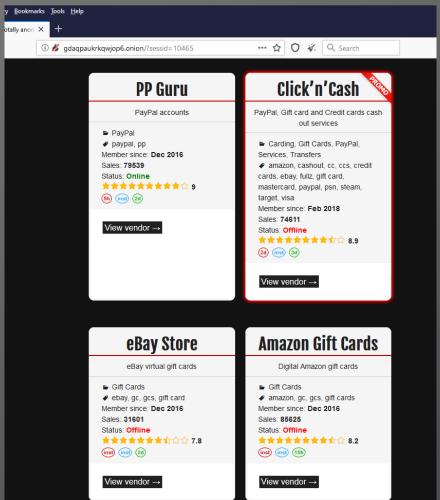


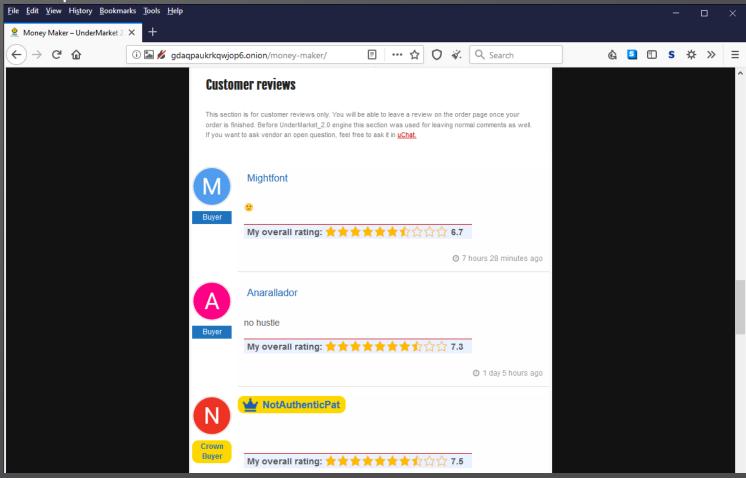
OPEN THE MYSTERY BOX



PLAY THE GAME

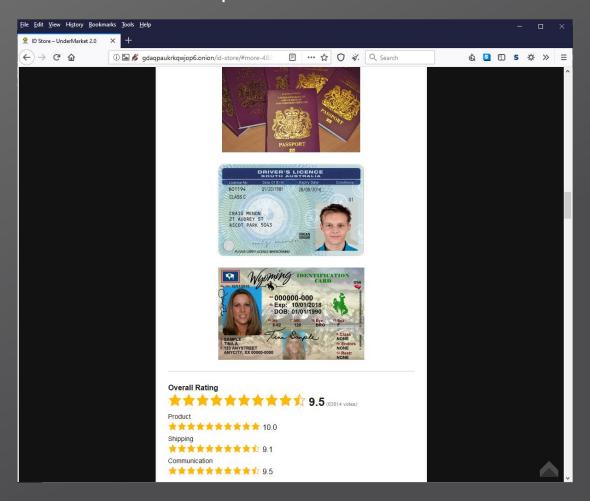
Policies and reputation on the Dark Web





PLAY THE GAME

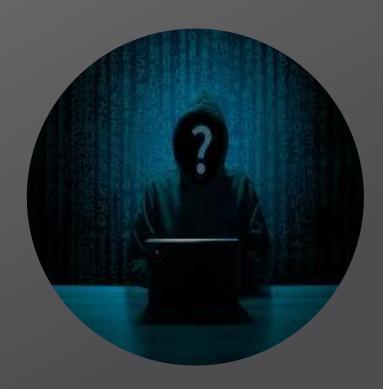
Policies and reputation on the Dark Web



THE PEOPLE BEHIND THE KEYBOARDS

Population on the platform







THE PEOPLE BEHIND THE KEYBOARDS

Professions on the platform

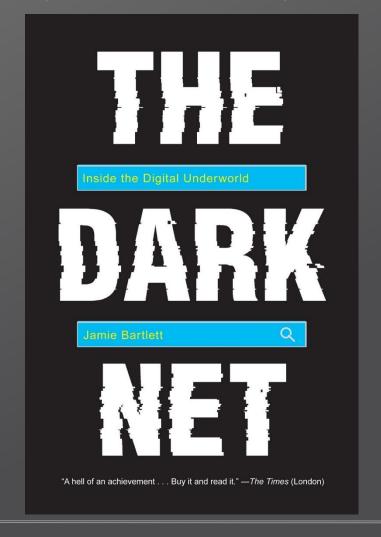






THE PEOPLE BEHIND THE KEYBOARDS

Population on the platform





GOODS TRANSFER-FIER SE OF CRYPTO'S

The Dark V chnologies



GOODS TRANSFER - THE RISE OF CRYPTO'S

What is the payment process







GOODS TRANSFER - THE RISE OF CRYPTO'S

What is the payment process



What is the payment process



Invisible Transactions

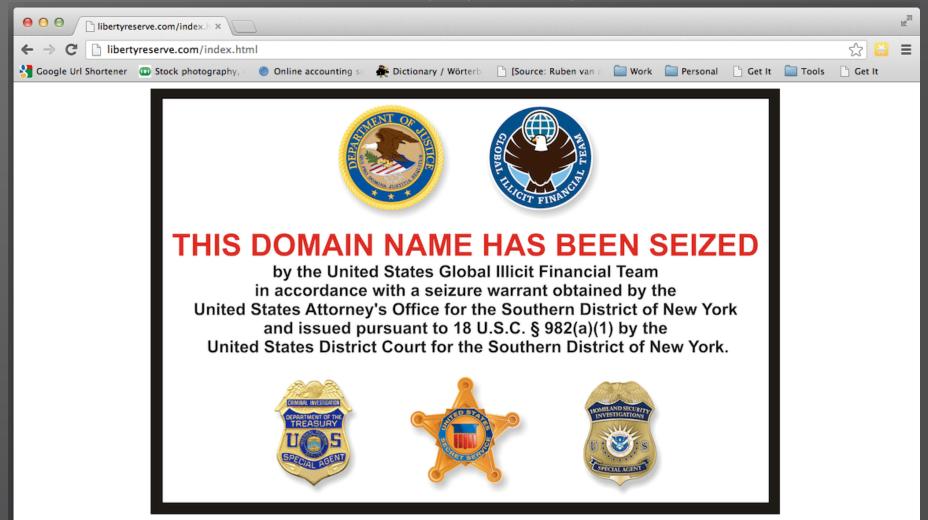
De Andrés said the dark web enables criminals to exploit three legitimate features of the modern internet: anonymization, encryption and virtual currencies. The latter has revolutionized money laundering and made cyberenabled financial crime a top enforcement priority for investigators.

Organized crime groups are now using centralized virtual currencies like WebMoney and Perfect Money or decentralized cryptocurrencies like bitcoin to better cover their financial footprints.

Latin America and the Caribbean was home to the first major international virtual currency laundering scandal: the US government's takedown of underworld cyber banking system Liberty Reserve in 2013. Before its closure, authorities said the service laundered \$6 billion worth of illicit transactions tied to drug trafficking, investment fraud, credit card fraud, data theft and child pornography.

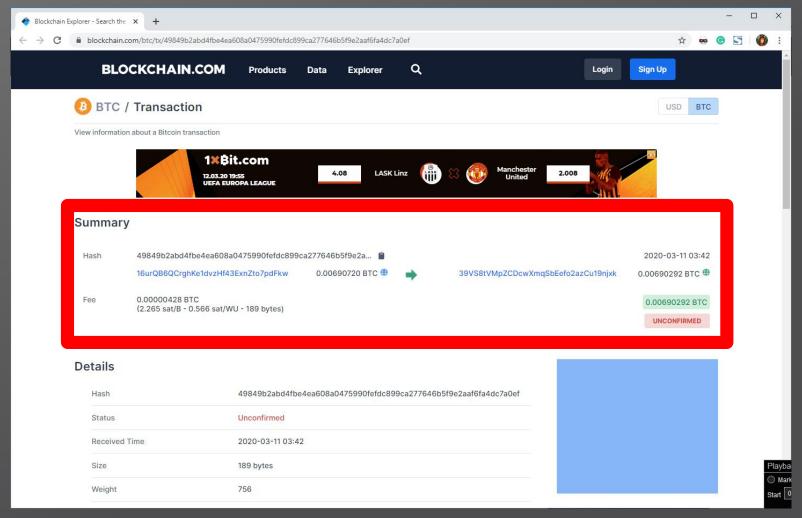
To further confound law enforcement, Latin American criminal organizations are employing "money-mule" networks, which structure virtual and conventional transactions into smaller and more innocuous-looking sums. De Andrés said each mule receives a commission of between 3 and 5 percent per transaction.

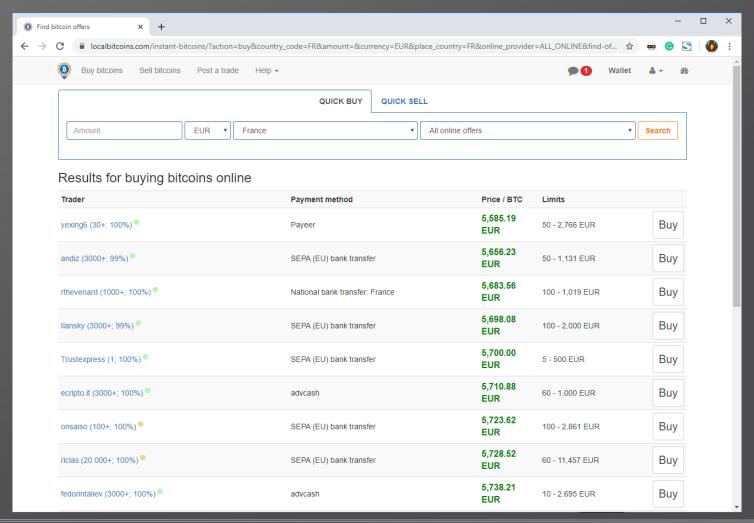
What is the payment process

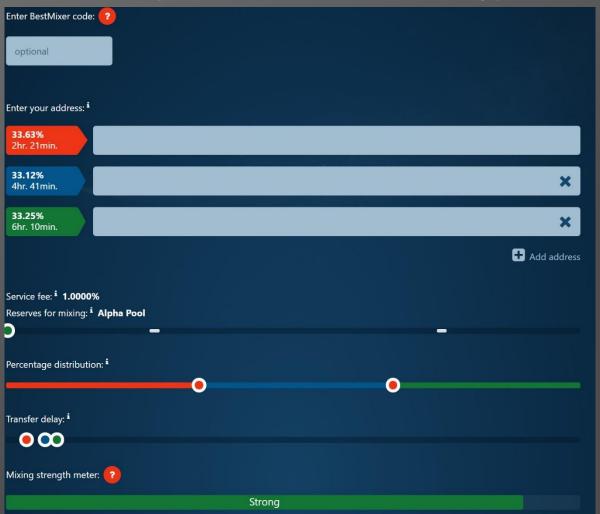






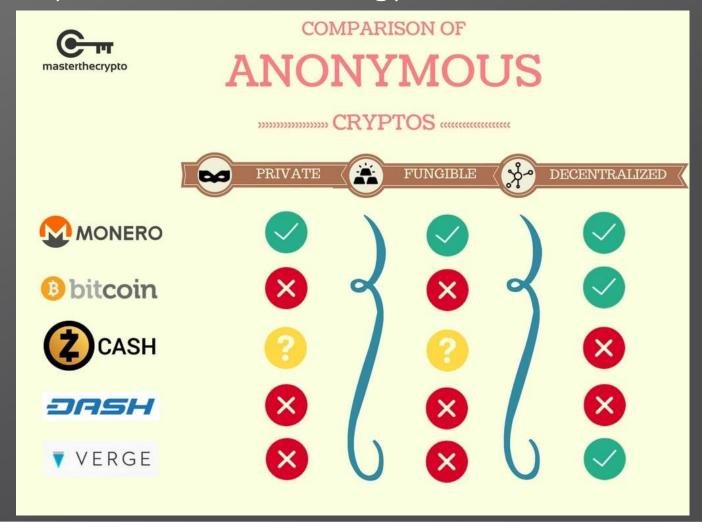








The preferred methodology – Monero Evolution



BAD ACTORS SPACE

Syndicates

Execution



THE DARK NET FOOD CHAIN

Syndicates structure & Roles

Maze Team official press release. March 18 2020

Due to situation with incoming global economy crisis and virus pandemic, our Team decided to help commercial organizations as much as possible. We are starting exclusive discounts season for everyone who have faced our product. Discounts are offered for both decrypting files and deleting of the leaked data. To get the discounts our partners should contact us using the chat or our news resource.

In case of agreement all the info will be deleted and decryptors will be provided.

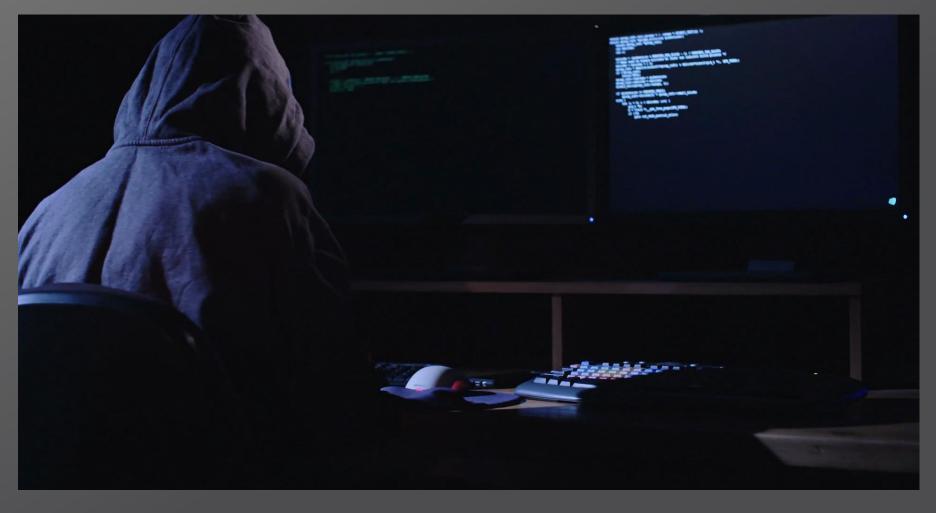
The offer applies to both new partners and the «archived» ones. We are always open for cooperation and communication.

We also stop all activity versus all kinds of medical organizations until the stabilization of the situation with virus



THE DARK NET FOOD CHAIN

Life of a hacker





THE DARK NET FOOD CHAIN

Syndicates structure & Roles

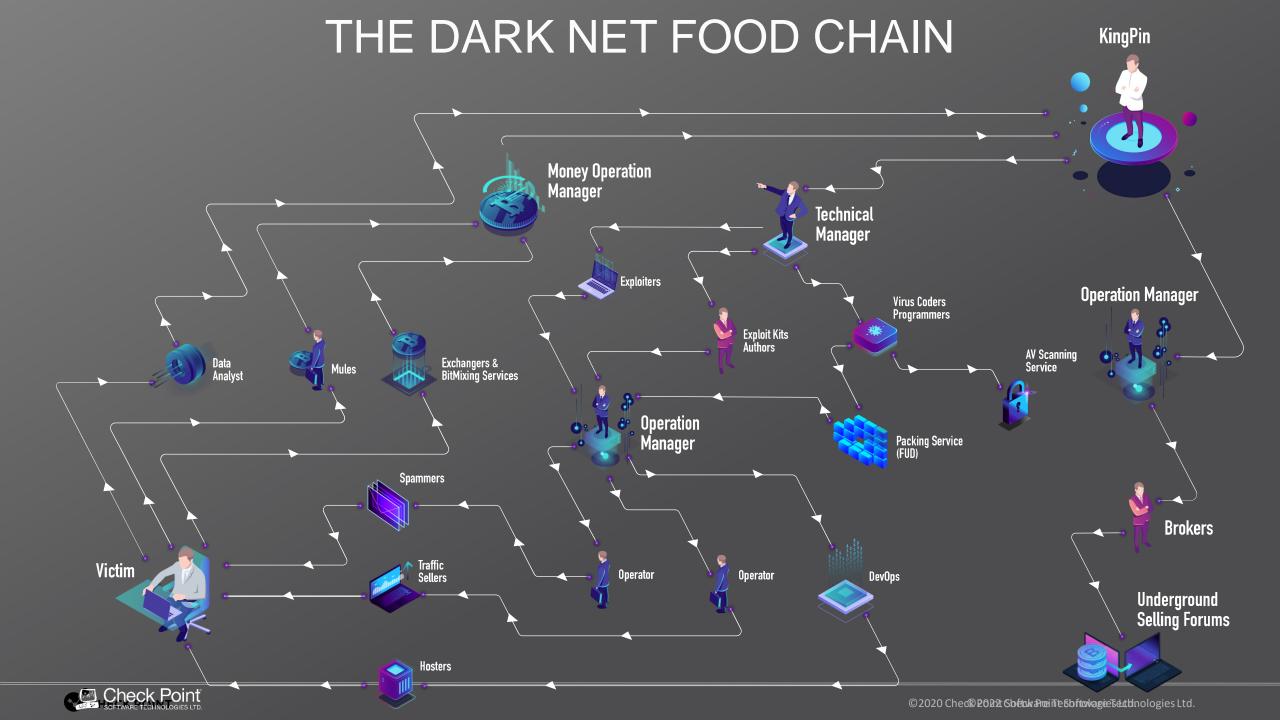






Ivan Viktorvich Klepikov Aliases: "petr0vich", "nowhere" Alexey Dmitrievich Bron Alias: "thehead" Vyacheslav Igorevich Penchukov Aliases: "tank", "father"





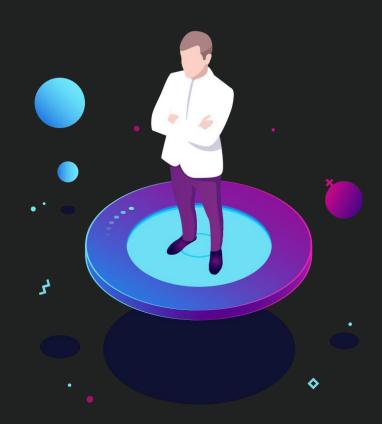
The leader!

Powerful criminal

 Well connected upside down in the crime scene

And don't mess with him

KingPin

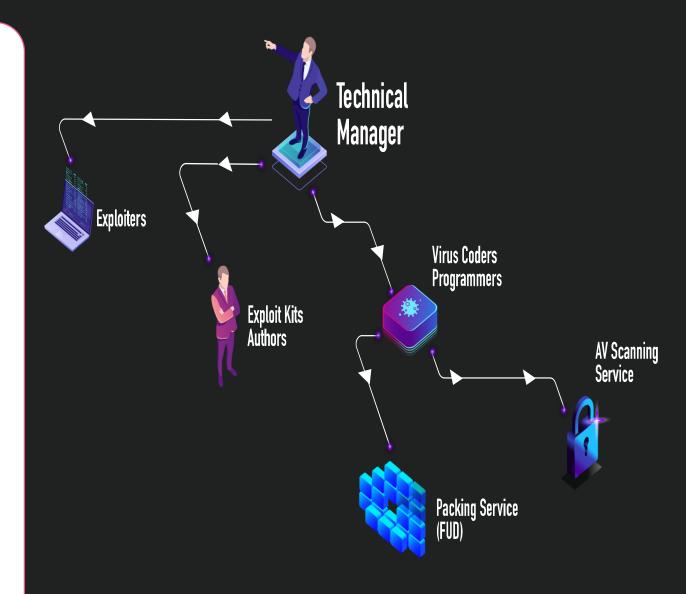


Malware authors

Exploit kit developers

Phishing kit developers

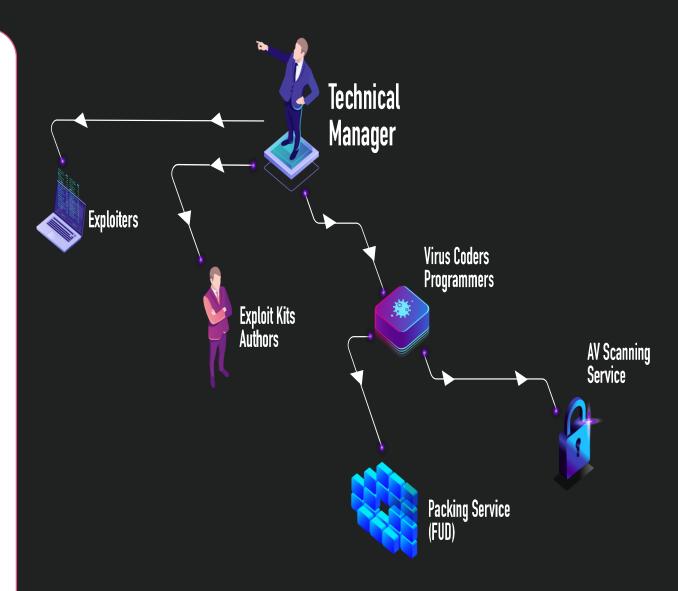
Hacking tools developers

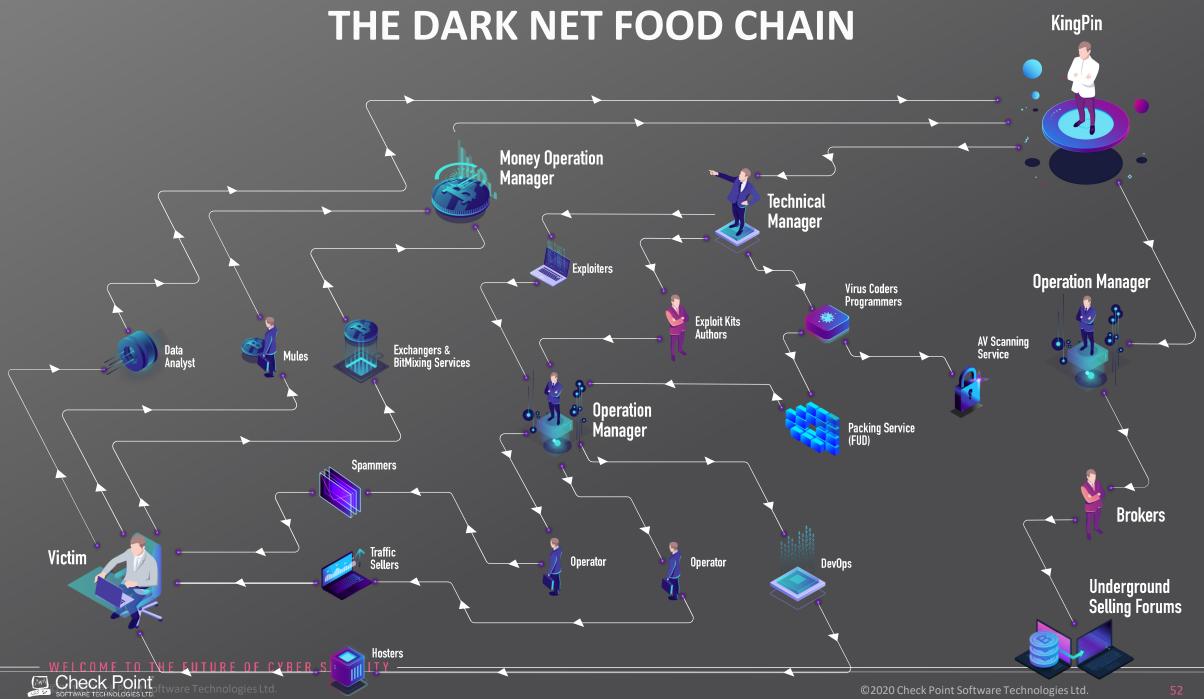


Developing 0-day exploits

 Weaponizing newly published exploits (1-days)

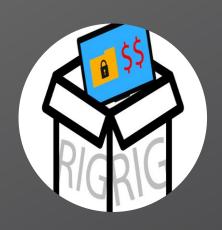
- Allowing malware authors to evade AV signatures
- Selling it as standalone exploit

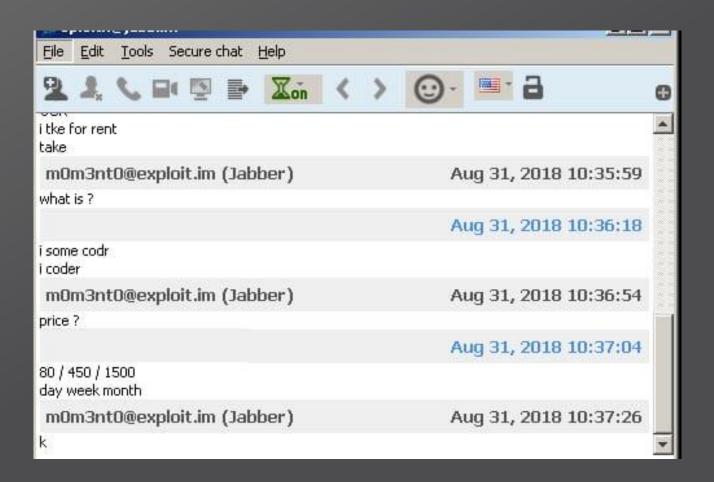




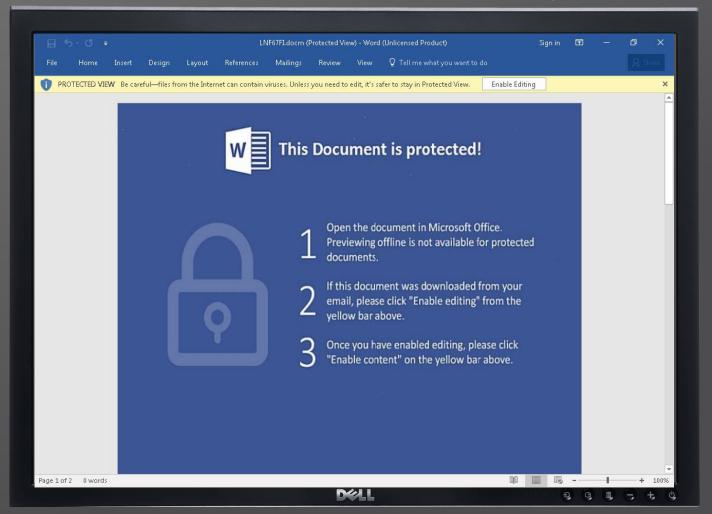
Collaboration and Execution – Locky Showcase





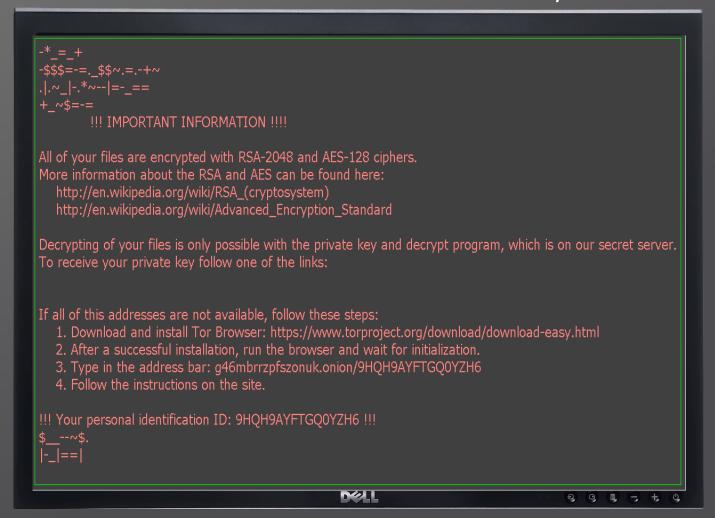


Collaboration and Execution – Locky Showcase





Collaboration and Execution – Locky Showcase



Collaboration and Execution



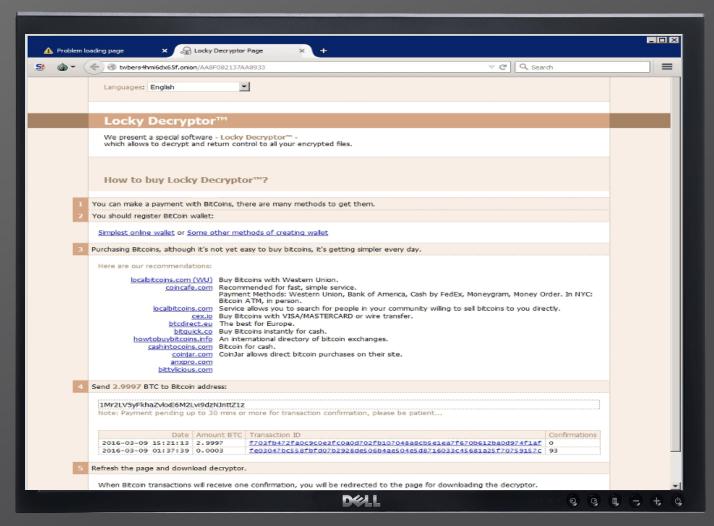








Collaboration and Execution







HOW TO STAY SAFE?

Tip for a secured journey on the Dark Net





THANK YOU

