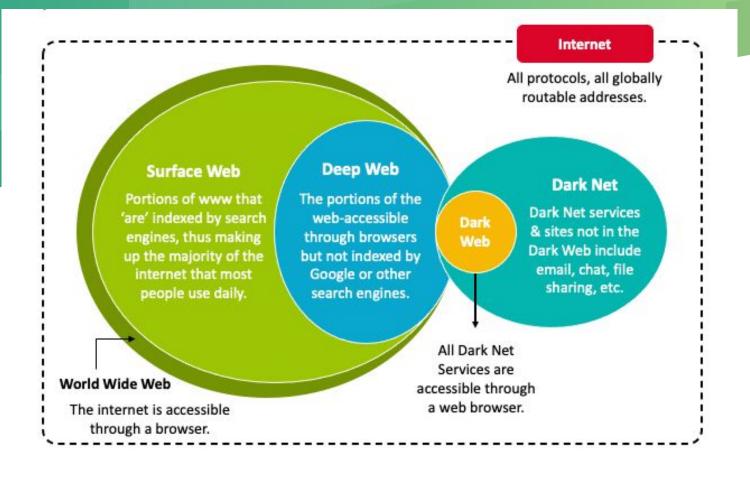
Understanding cybercriminal strategies

By Hieu M. Ngo (aka Hieupc) - NCSC Viet Nam Co-founder chongluadao.vn



CYBER OF THINGS: EVERYTHING IS DIGITAL



Cyber-Crime Tools Used

- The operators in the Deep Web and Dark Web use tools which ensure the anonymity of their identity, location, transactions, and payments
- The Onion Routing (ToR) network provides anonymous browsing and access to the Deep Web sites that are identified as *.onion.
- Freenet, ZeroNet: peer to peer (P2P) platform for censorship-resistant communication.
- Invisible Internet Project (I2P) is a fully encrypted private network layer.
- Use of Bitcoins helps keep transactions anonymous as this system does not identify the buyer / seller or payer/payee except as a hash value. In
 addition bitcoins can be converted to cash in currencies across the world and thus provide an unidentifiable means of stashing and transferring
 money.



- Tor is a special network of computers on the Internet, distributed around the world.
- https://www.torproject.org)







- Freenet : https://freenetproject.org
- · ZeroNet: https://zeronetio
- I2P: https://geti2p.net/en





- Bitcoins are an anonymous, decentralized form of electronic currency
- like "cash" in cyberspace anonymous.



Crooks are smarter – and now it's cheaper than ever!

They can buy malware, attack kits, and even 'Crimeware-as-a-Service'!



It's as cheap as...





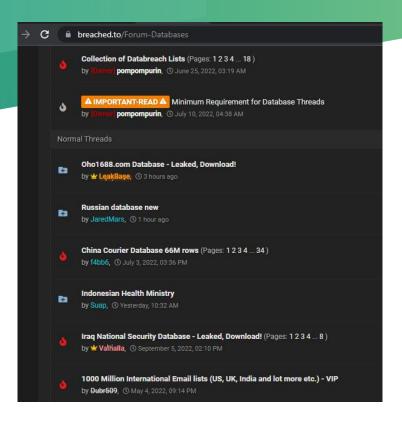


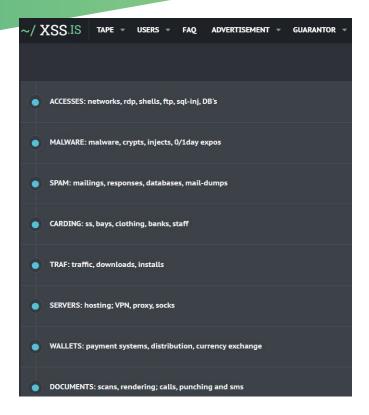


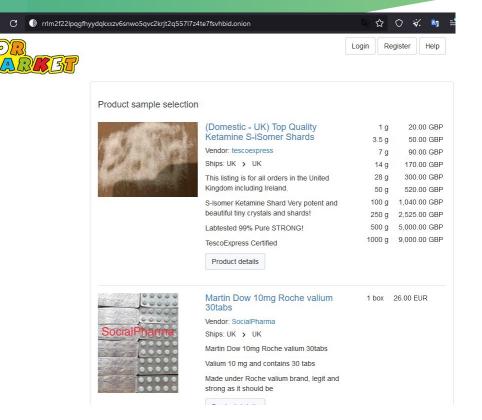


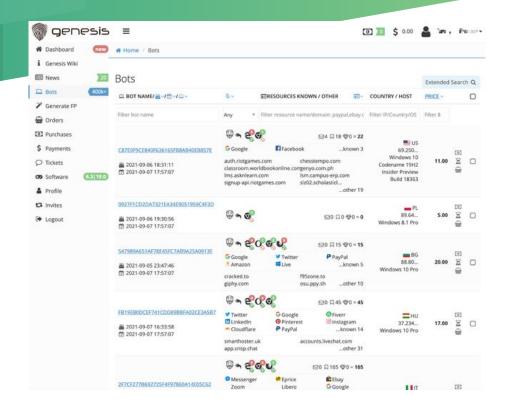




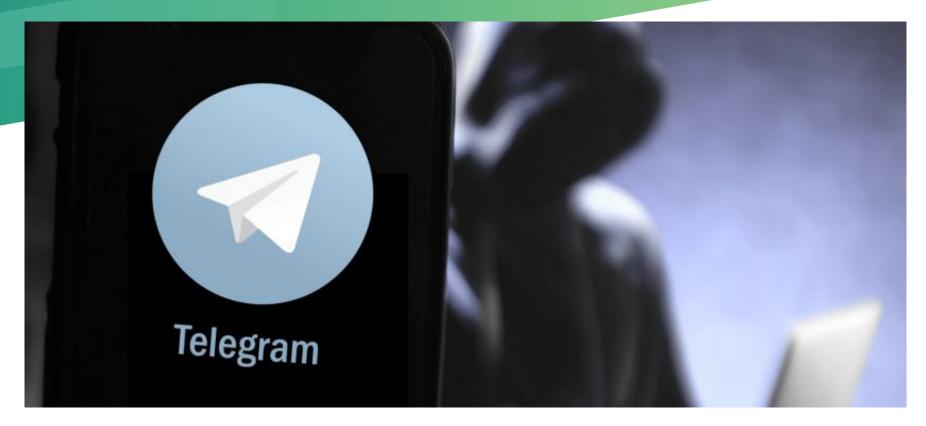








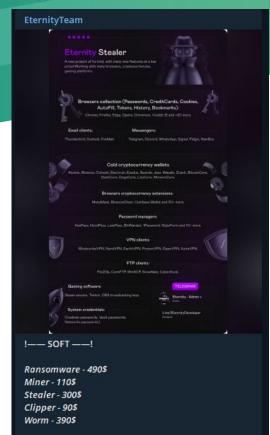
Cyber-crime Telegram the new darkweb



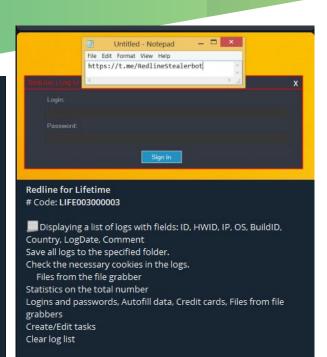








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Telegram only Allows 500 words that's why can't explain more here.

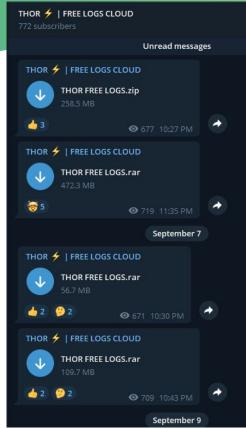
Add to cart

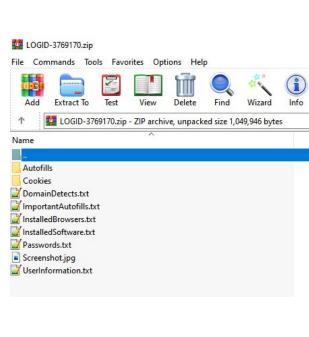
AND MUCH MUCH MORE.

Product (file)

8 900 USD







Dark Web characteristics



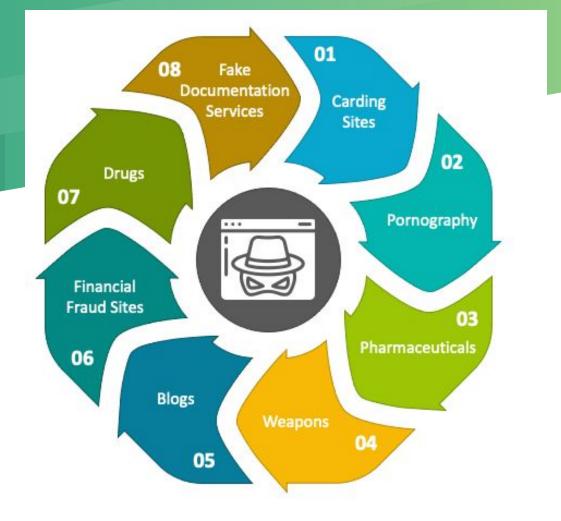
Anonymous



Special access software



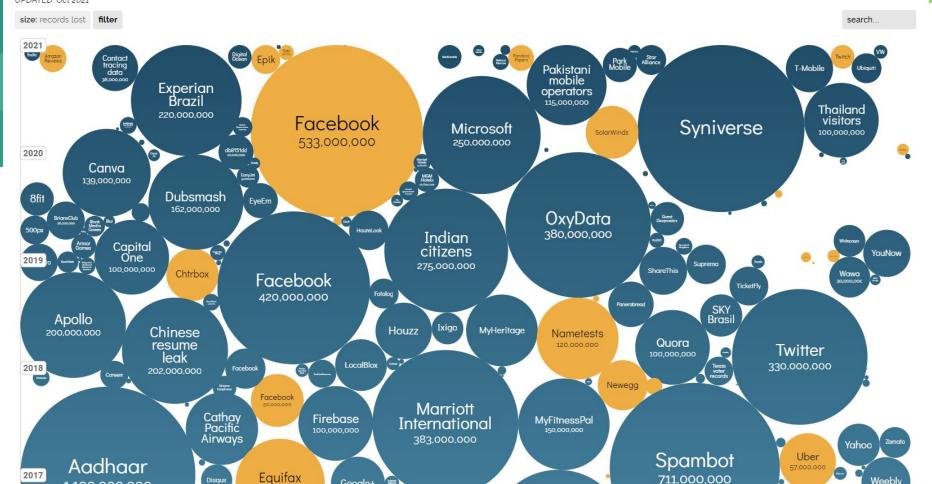
Associated with illegal activities



World's Biggest Data Breaches & Hacks



Selected events over 30,000 records



CRITICAL INFORMATION INFRASTRUCTURES (CII)

Critical infrastructure is a term used by governments to describe assets that are essential for the functioning of a society and economy. Most commonly associated with the term are facilities for:



















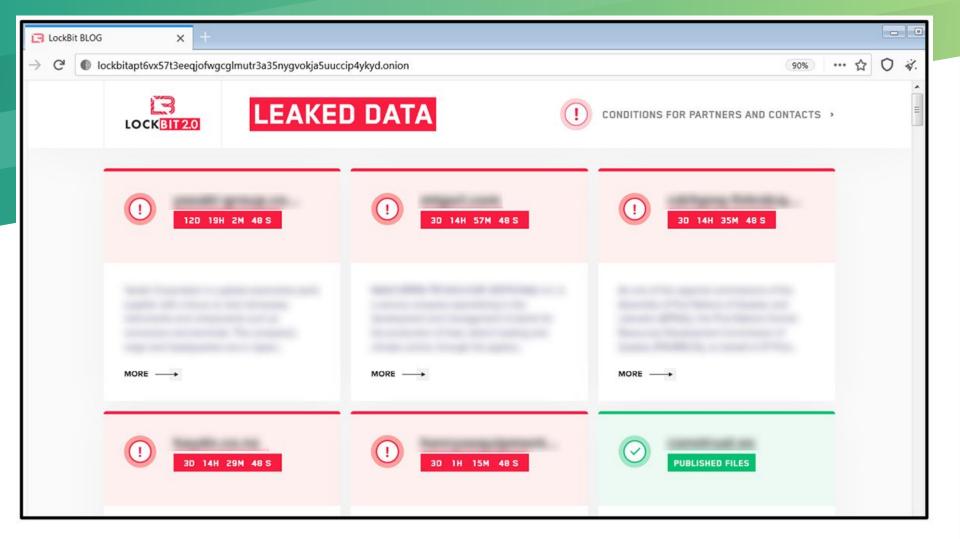


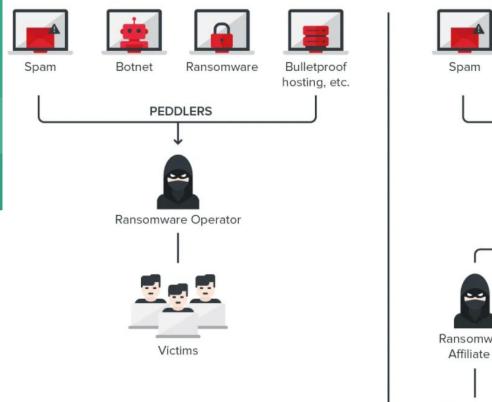


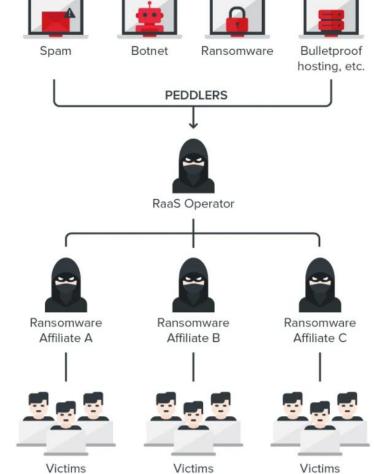
6 Tips on How to Avoid Ransomware Attacks

Cybercriminals want your important files. Here's how to prevent them from being taken hostage.









Key Takeaways

- · Dark web is more about the technology than the content
- Much of the content is legal and legitimate
- Tor is by far the most popular access technology
- It is very difficult to make a site 100% anonymous
- The dark web can present a risk to legitimate users and companies
- Simple security measures can deter all but the most determined attackers

Thank you

https://ncsc.gov.vn

https://chongluadao.vn