

DARK WEB

Can you afford to be exposed?



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AGENDA

- How compromised credentials can lead to a data breach, and what cybercriminals do with credentials once they've obtained them.
- A tour of the Dark Web the current landscape of threats against small and medium sized businesses and how your credentials can be exploited



(SURFACE) WEB

The level where data is PUBLIC Only 4% of the web consists of indexed public websites that are visible to all web users through ordinary search engines such Google and Bing.

DEEP WEB

The level where data is PRIVATE
The largest part of the internet is
made of protected information
and is only located and accessed by
a direct URL or IP address, that may
require a password or other security
access to get past public pages.
That includes: email, online banking,
social media pages & profiles,
services such as video on demand,
etc. It's used for legit purposes.
Most of us access the Deep Web
every day.

DARK WEB

The level where data is ANONYMOUS
Within the Deep Web is the part
of the internet called the Dark Web.
A complex encrypted system not
visible to traditional search engines
that can only be accessed by a special
browser called Tor. Transactions, IPs,
profiles, locations, etc. are totally
anonymous, making it the perfect place
for many illegal activities to happen.
It's not illegal by itself but that's where
criminal sites live.



DARK WEB

Estimated to be 550 times larger than the surface web and growing.

Because you can operate anonymously, the dark web holds a wealth of stolen data and illegal activity.





HOW DO BREACHES HAPPEN?



CREDENTIAL THEFT



BOTNETS



PHISHING



VULNERABILITY EXPLOITS



THE THREAT TO ALL BUSINESSES

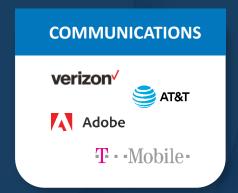
9 Ways Your Employees' Work Credentials Can Lead to a Breach. Your current and former employees often use their work email address and password to access common public sites. Many public sites have suffered data breaches, with data ending up on the Dark Web.



















ALL IN ON ZERO TRUST

Compliance laws dictate that Security and Access Management are no longer optional.

Data regulation is not just limited to

Fortune 500 companies. Small and medium-sized organizations are also being held responsible.







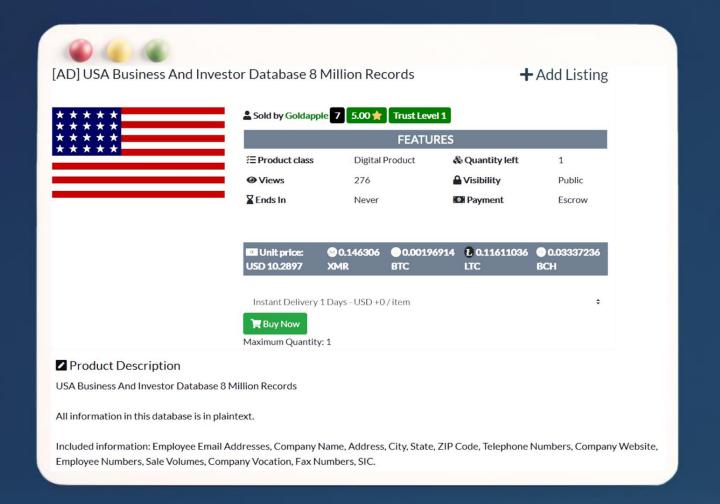
LET'S TOUR THE DARK WEB



How you can purchase data about employees from various companies



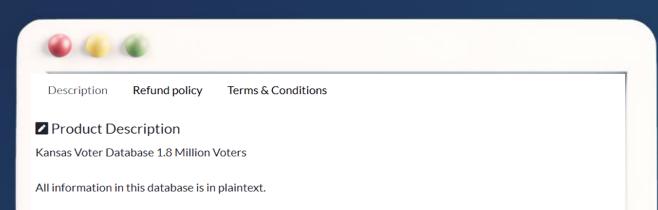
Businesses are a common target for Dark Web criminals, because businesses tend to have money. It also allows the criminal to feel better about stealing from "Main Street Flowers" because they're just "sticking it to the corporations."





Purchase voter databases with voter id's, addresses, dates of birth





Included information: Voter IDs, Full Names, Physical Addresses, Previous Addresses, Date of Birth, Genders, Voter

We promise:

Status, Phone Numbers.

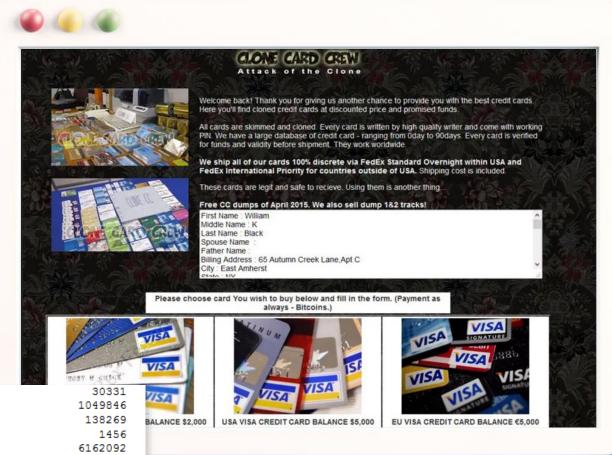
- Your order will be delivered instantly.
- If you are not satisfied with your order we will refund your order.



Clone Card Crew Dark Web site - Credit card dumps



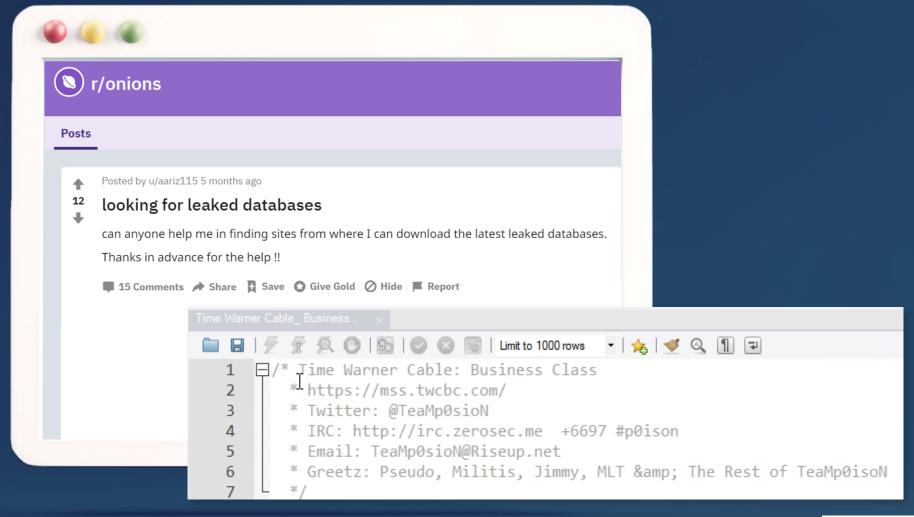








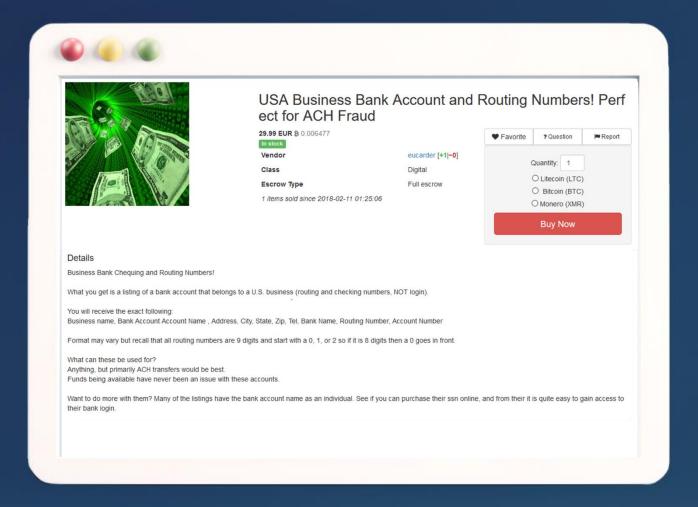
SNAPSHOTS FROM THE DARK WEB







SNAPSHOTS FROM THE DARK WEB







This one is so popular that it's sold out. 'Fullz' typically means there is enough information to commit ID fraud





SNAPSHOTS FROM THE DARK WEB

Here's someone selling the "largest" known data dump for \$10. These markets are run largely the same as eBay or Etsy. Note that the seller even has "ratings."

Database Collection #1-5 + AntiPublic (2019) (+-1TB)

Description

Refund policy & Vendor information

In January 2019, a large collection of credential stuffing lists (combinations of email addresses and passwords used to hijack accounts on other services) was discovered being distributed on a popular hacking forum. The data contained almost 2.7 billion records including 773 million unique email addresses alongside passwords those addresses had used on other breached services. Full details on the incident and how to search the breached passwords are provided in the following blog post: https://www.troyhunt.com/the-773-million-record-collection-1-data-reach/

Details

Quantity in stock 8 Piece

Minimum amount per order: 1 Piece Maximum amount per order: 1 Piece

Category: Digital goods → Other

Views: > 200

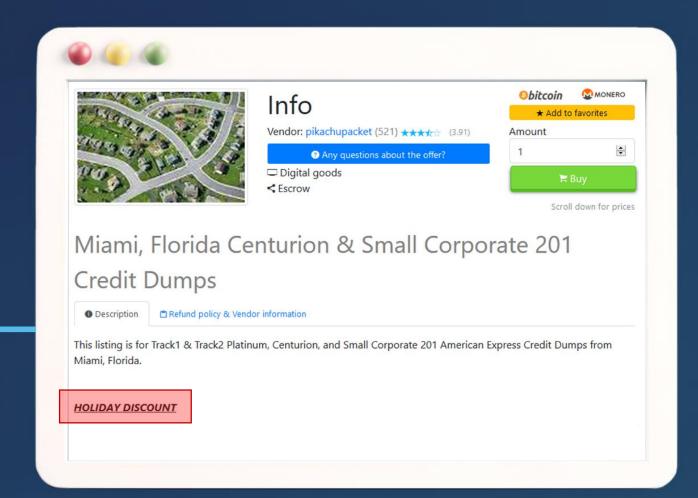
Rating

Communication **** (4)
Quality ***** (5)

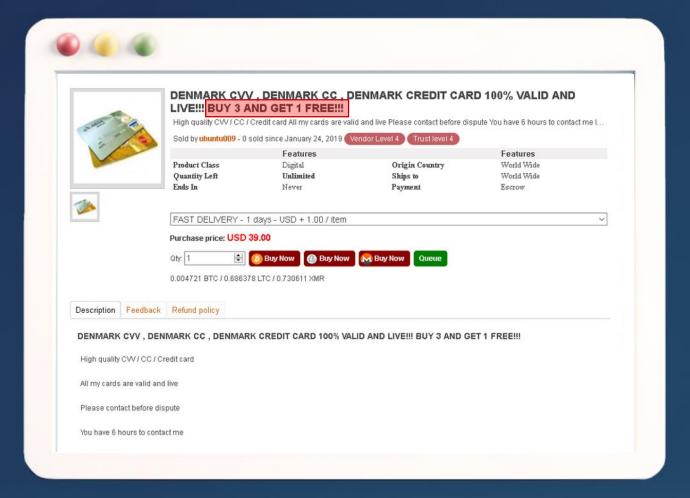




Business credit card details are being sold with a holiday discount.



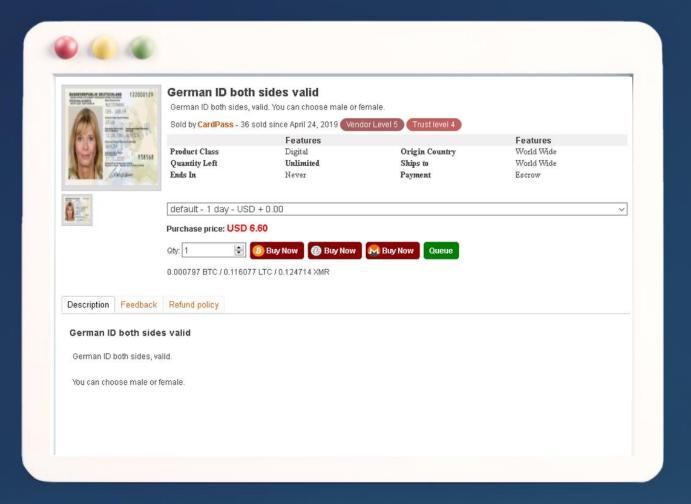




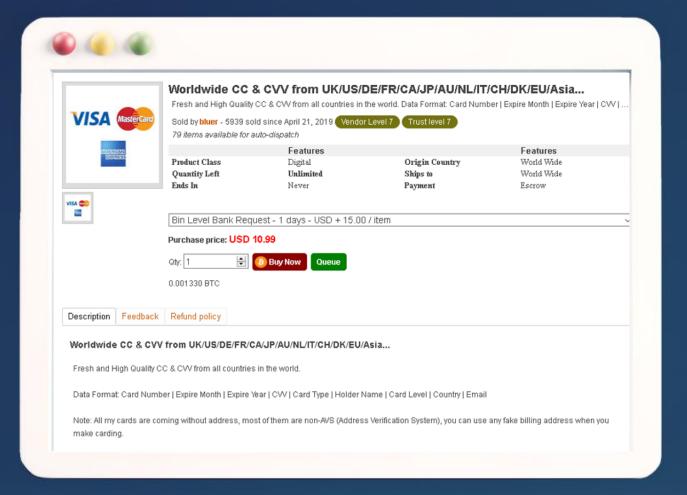














Our analysts pulled this job posting which looks exactly like something you might see on Indeed or LinkedIn.

LOOKING FOR A JOB?

The Dark Overlord is hiring 'goal-oriented' cybercriminals for \$63K per month

The Dark Overlord is hiring. Specifically, it's hiring software designers and systems engineers with at least "10 years of experience" to "bring innovative approaches to operations and think outside the box."

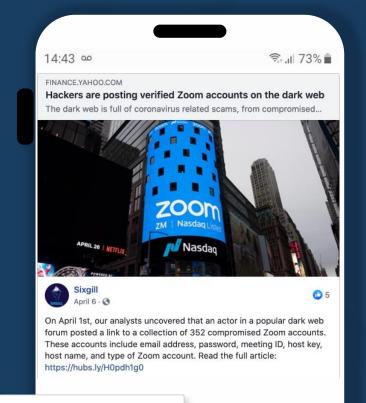
An annual salary of \$762K (payable after a 90-day probationary period, naturally) with an expected increase to \$1.068M after two years (contingent upon positive performance reviews, of course).





THE DARK WEB BUSINESSES ARE REAL

Hackers are posting verified Zoom accounts on the Dark Web.

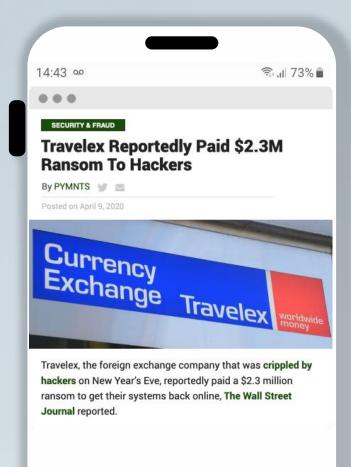


"On April 1st, an actor in a popular dark web forum posted a link to a collection of 352 compromised Zoom accounts," a spokesperson for cybersecurity firm Sixgill wrote in an email. "In comments on this post, several actors thanked him for the post, and one revealed intentions to troll the meetings."

Sixgill said these links included email addresses, passwords, meeting IDs, host keys and names, and the type of Zoom account. Most were personal, but not all.



FROM RANSOMWARE TO PUBLIC EXTORTION





Maze releases some of the Allied Universal files

Knowing that tomorrow was Maze's deadline, we were surprised tonight when they posted in our forums a description of the breach and a link to almost 700 MB of leaked files.

"We have already morning of Friday. Yes, it is friday in asia. Forgot to mention that deadline is a friday by our local time, and not US."

This link was for a 7-zip archive containing files related to termination agreements, contracts, medical records, server directory listings, encryption certificates, and exported lists of users from their active directory servers.

Name	Date modified	Туре	Size
1 /4/4/6// 1/2 accordant with 1/2 x lax	8/25/2015 12:15 PM	Microsoft Excel W	93 KB
Meeting.pdf	9/16/2015 9:52 AM	Chrome HTML Do	27 KB
O >xxx ** signed severance agreemen	1/17/2016 12:32 PM	Chrome HTML Do	11,290 KB
DRAFT - CONFIDENTIAL SEPARATION A	11/16/2015 8:37 PM	Microsoft Word D	41 KB
CONFIDENTIAL SEPARATI	8/24/2015 2:39 PM	Microsoft Word D	43 KB
ONFIDENTIAL SEPARATI	8/24/2015 2:39 PM	Chrome HTML Do	216 KB
The same of the sa	8/24/2015 10:03 AM	Microsoft Word D	25 KB
© *Street Gentlerupdf	8/24/2015 10:10 AM	Chrome HTML Do	186 KB
CONFIDENTIAL SEPARAT	8/24/2015 2:24 PM	Microsoft Word D	44 KB
CONFIDENTIAL SEPARAT	8/24/2015 2:25 PM	Chrome HTML Do	215 KB
immy Coxhandocx	8/24/2015 10:03 AM	Microsoft Word D	25 KB
(a) service or busy pdf	8/24/2015 2/26 PM	Chrome HTML Do	186 KB



THE DARK WEB IS DANGEROUS TERRITORY

But you are not alone. Let's design the right strategy and shield your business against Dark Web threats.

dkeys@zypha.com 941.214.0150 www.zyphausa.com/darkweb







