

THE DARK WEB

The internet can be divided into 3 parts namely the surface web, the deep web, and the dark web.



- The Surface web is part of the internet that we access day to day using regular browsers like Google Chrome, Safari, or Firefox. Whenever we visit any website like facebook.com or amazon.com, we are surfing the surface part of it and are able to access the information which is available to the user in front of them and not able to access “behind the scene ” of it.
- The Deep web makes it accessible to see the information behind closed doors which are pages and databases that are only meant for a certain group of people within an organization. A specific URL is required to access these information and password for the same is required and this information can’t be found on regular search engines. The deep web is by far the biggest part of the internet, estimated to make up between 90 and 95% of the complete world wide web. Examples of pages on the deep web are: the private data and pages of companies, universities, libraries, hospitals, governments, international organizations, and so on.

- The dark web is the part of internet that is only accessible through a special browser: the **Tor browser**. It is also called as darknet or the unregulated part of internet. The dark web is not accessible via regular browsers and function differently from the regular web. Even when using Tor, dark web websites don't end in .com or .org. Instead, URLs usually consist of a random mix of letters and numbers. They also end in .onion. The URLs of dark web sites change regularly, so they aren't as easy to find as most platforms on other parts of the internet.

The dark web is legal and is merely an extension of an individual's freedom of speech and privacy. It is illegal only when the users' action on the dark web isn't in line with the law. The dark web can be a safe place for journalists and whistle-blowers to communicate freely. Citizens from countries with strict internet regulations can also use the dark web to talk openly. The purchase of illegal goods and commodities often happen through dark web and payment for the same is done via bitcoins or cryptocurrencies as it remains untraceable.

DEVELOPMENT OF DARK WEB

It was developed by The US government in 1995 as The Onion Router to conduct spy communication. It provides anonymity to all users and eventually the US government passed it to several civil rights groups (although there are still rumours that Tor was never really given up by the U.S. government). The power of the Tor network resides in the fact that it cannot be shut down from any one location. Even if you pull the plug on American servers, the rest of the network doesn't cease to exist.

ACCESSING THE DARK WEB:

Before visiting the dark web, the user needs to keep in mind that it can be dangerous if the right precautions are not taken it is easy for malware and hackers to affect the device.

TOR is available on android devices but it is strictly advised not to access dark web using smartphone as it can lead to breach of users' privacy and stealing of personal data. The activity of a user online can be easily tracked and in

smartphone, this is even easier because of the GPS tracking that many apps use.

Additionally refrain from partake in any illegal activities. The URLs to access a specific website do not end in .com, .gov etc but will be a jumbled string of letters.

- Install a VPN on your device and switch it on.
- Using up-to-date antivirus software on your device.
- Download and install the anonymous Tor browser.
- Start the Tor browser.
- Make sure the running of scripts in Tor is forbidden.
- Optional: change the security settings in Tor.
- Start surfing

THE TOR BROWSER:

It stands for The Onion Router (TOR) an open source web browser that keeps the users anonymous. To achieve this anonymity, the internet activity of a user is channelled through several IP addresses and hosts. Users of TOR can remain anonymous on the surface web or can access the dark web. Since TOR is not fool proof it is always recommended to use a VPN.

INFORMATION ON DARK WEB:

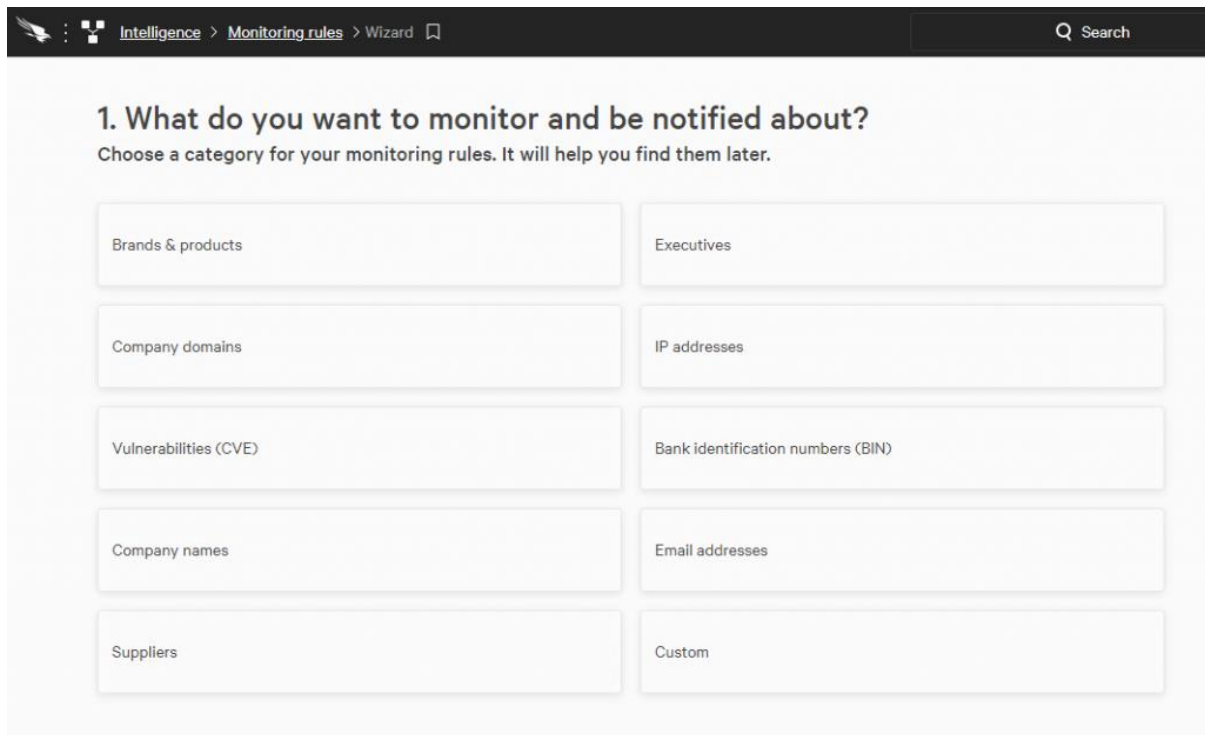
To access the dark web, the users need to be updated on the constantly changing URLs and have the specific URL to a website or have a good search engine to get to the exact dark web websites. Given below are few information that can be accessed via dark web browsing.

- Black markets
- Fraudulent or otherwise dangerous dark web sites
- Email services, fora, and other forms of anonymous online communication
- Botnets
- Bitcoin and cryptocurrency websites

Source: <https://vpnoverview.com/privacy/anonymous-browsing/the-dark-web/>

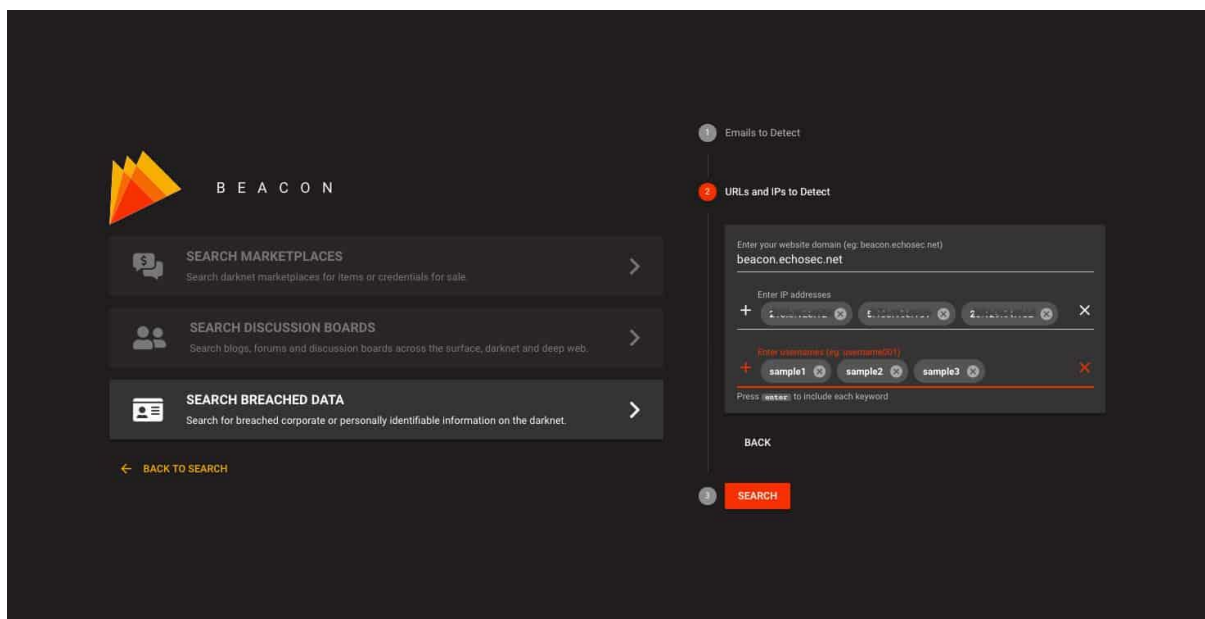
DARK WEB MONITORING TOOLS:

1. CrowdStrike Falcon X Recon: This intelligence feed scans the Dark Web for mentions of your brand and corporate identifiers, such as email addresses on your domain



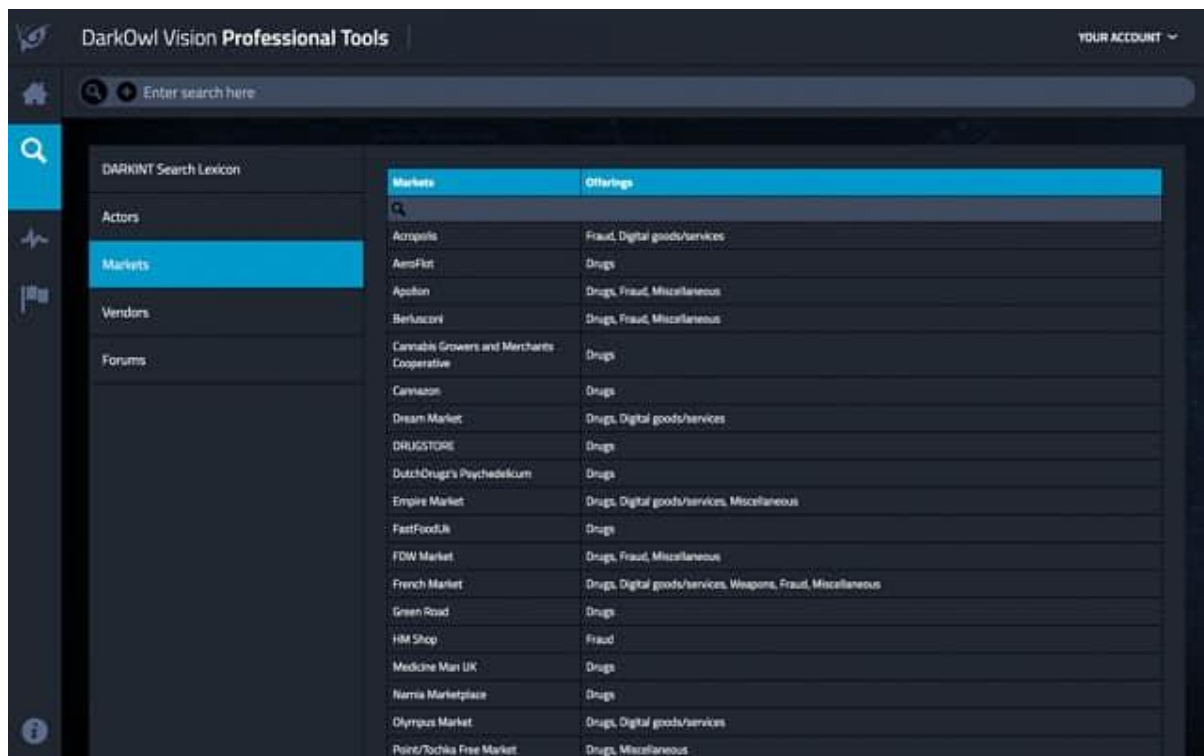
The screenshot shows the 'Intelligence > Monitoring rules > Wizard' interface. The main heading is '1. What do you want to monitor and be notified about?' with a subtext: 'Choose a category for your monitoring rules. It will help you find them later.' Below this, there are ten selectable categories arranged in two columns: Brands & products, Executives, Company domains, IP addresses, Vulnerabilities (CVE), Bank identification numbers (BIN), Company names, Email addresses, Suppliers, and Custom.

2. Echosec Beacon: Checks the Dark Web for compromised account credentials, and stolen personal information and financial data.

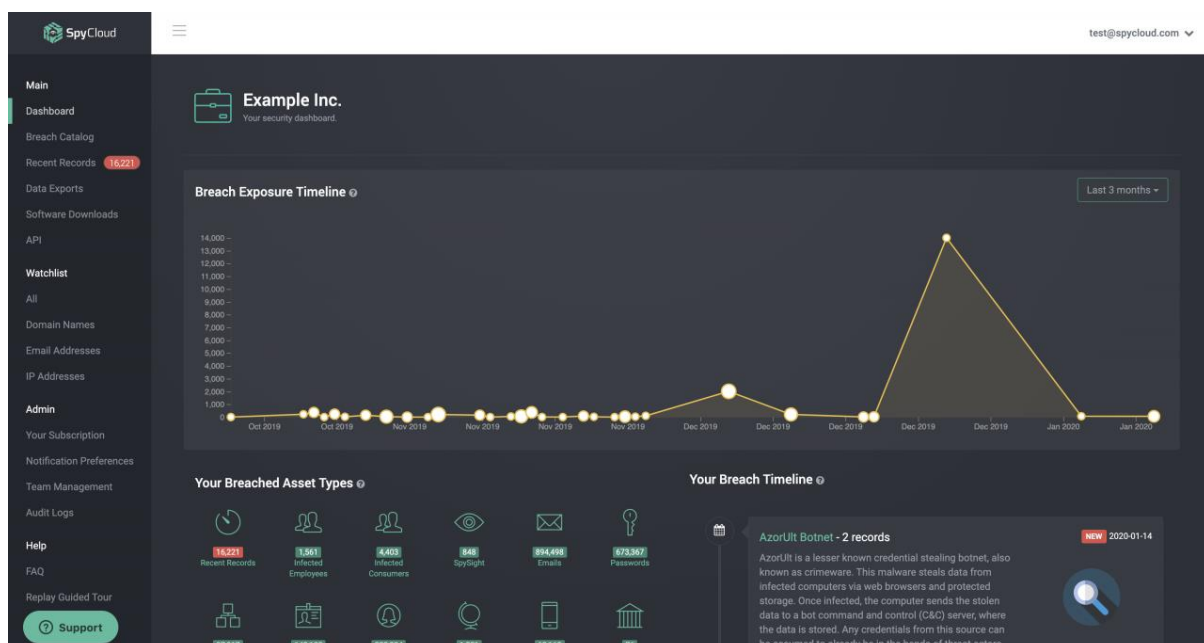


The screenshot shows the 'BEACON' search interface. On the left, there are three search options: 'SEARCH MARKETPLACES' (Search darknet marketplaces for items or credentials for sale), 'SEARCH DISCUSSION BOARDS' (Search blogs, forums and discussion boards across the surface, darknet and deep web), and 'SEARCH BREACHED DATA' (Search for breached corporate or personally identifiable information on the darknet). A 'BACK TO SEARCH' link is at the bottom left. On the right, there are two numbered steps: '1 Emails to Detect' and '2 URLs and IPs to Detect'. Step 2 is active and shows a form with fields for 'Enter your website domain (eg: beacon.echosec.net)' (filled with 'beacon.echosec.net'), 'Enter IP addresses' (with three input fields containing '1.1.1.1', '2.2.2.2', and '3.3.3.3'), and 'Enter usernames (eg: username001)' (with three input fields containing 'sample1', 'sample2', and 'sample3'). A 'Press (ctrl): to include each keyword' instruction is below the username fields. At the bottom right, there are 'BACK' and 'SEARCH' buttons.

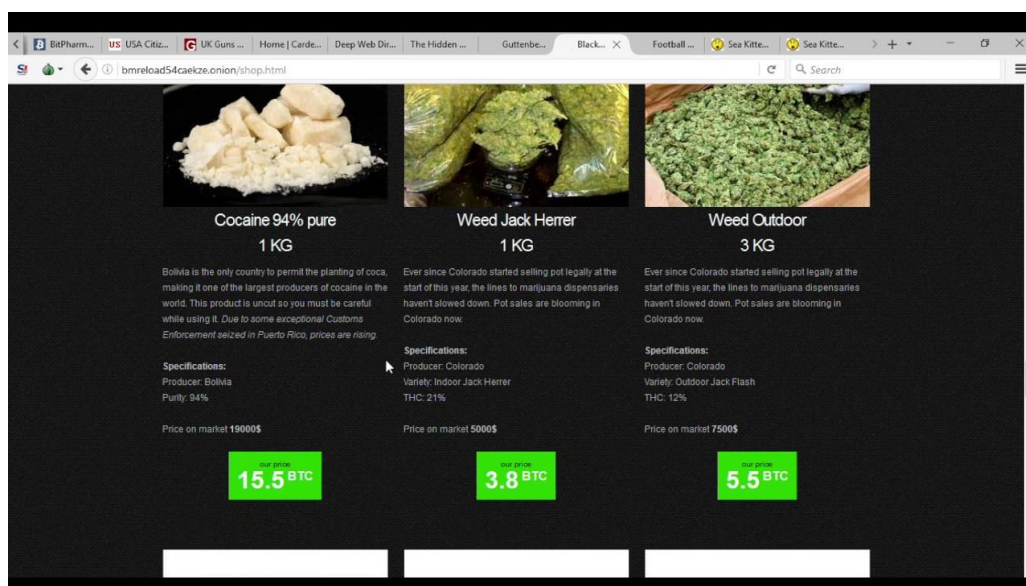
3. DarkOwl Vision: A threat intelligence service that includes a Dark web scanner as an information source.



4. SpyCloud ATO Prevention: Account takeover prevention with a threat intelligence database derived from Dark Web scans.



Given below are some images of websites available in dark web:



ابحث ...

أحدث إصدارات المؤسسات الرسمية



Alhayat Media : Dabiq Magazine
| Issue 12
نوفمبر 2015



Медиацентр Хайат : нашид
"Скоро, очень скоро" на
русском языке
2015

إصدارات متميزة



Are you using Tor? [BitPiggy](#) [TORLINKS - TOR Link Directory](#) [Cannabis | Silk Road](#)

ayjkg6ombrsahbx2.onion

THE ARMORY

messages(1) | orders(0) | account(B0.00) | settings

Shop by category:

- Firearms(13)
- Handguns(3)
- Rifles(3)
- Shotguns(1)
- Accessories(5)
- Ammunition(41)
- Explosives(1)
- Guides(10)
- Melee(2)
- Non-Lethal(7)

News:

- The Armory is now open for business!



Beretta gardone m35
B143.72



FREE Glock 19 (G19) Gen 4 FS 9mm...
B1.13



MATECH Rear Iron Sight AR-15
B6.92



Walther PPK/S Pistol .380 ACP...
B167.19



Glock 19 (G19) Gen 4 FS 9mm Semi-Automatic...
B162.27



Bushmaster M4A3 "Patrolman"...
B294.87

newpdsusimzqazvr.onion/index.php

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Choose a category by clicking on any of the following:
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WANNA MAKE SOME FREE BTC??

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<http://www.peoplesdrugstore.org/?ref=YOURUSERNAME> (or the original <http://newpdsusimzqazvr.onion/?ref=YOURUSERNAME>)
Replace YOURUSERNAME with your actual username on this site and get earnings directly to your wallet.

SW Asian #4 Heroin