The Deep and Dark Side of the Internet on Humans

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Abstract

The Dark internet is at the attentiveness of the discussion regarding whether or not on-line secrecy needs to be well-kept yet the illegal activities that it promotes. Creators should pay extra attention while accessing the deep and dark web. Varied activities are being conducted daily on the Deep and Dark web be it legal or illegal and these activities are done at almost no point of being traced. The deep and dark web serves the purpose of both legitimate and non legitimate parties.

Keywords: Deep web, Dark web, Cyber security, Anonymous, Phishing.

INTRODUCTION

The internet is also like the real life. It has both good and bad sides, commonly known as the dark web, it is a virtual underworld which leaves no footprints and is far far away from the reach of Information intelligence.

The simple web that is the surface web it something which can access anything but not with anonymity whereas the dark web can do it with leaving no digital footprints.

The dark web is that part of the internet that isn't tracked by search engines. The dark web leaves no digital footprints making it super hard to trace the IP address of user. The dark web is a sub section of the deep web. Dark web serves the purpose of being anonymous while leaving no points to be traced.

A vast section is isn't accessible via usual browsers, only special browsers have access to it such as TOR browsers which leaves no virtual footsteps. This vast section deals in illegal things such as dealing of drugs, armoury and weapons etc. The information that we search the videos that we watch the passwords that we save area all accessible via the dark web and without even noticing the victim all of his /her data is stolen.

USAGE OF DARK WEB

- Malware is transmitted over the dark web and then used on public access websites.
- Used by Government surveillances.
- Protecting your identity on the internet.
- Home to criminals and drug dealers.
- Hidden Search results.

"What if you find your own credit card, bank account, or other personal information on the dark web? What if you find sites selling your Social Security number or account number online? "

ACCESSING THE DARK WEB

One can easily access the deep and dark web if he if cautious enough. The first step should be downloading and accessing the TOR browser in order to hide your identity in the digital world leaving no digital footprint. The TOR browser will help you with this. They have an extension of .onion and that is why its full name is Onion router.

Being everything decentralized there are no crawlers For instance, if we want to go to a website such as Yahoo we will either simply type its URL or search it via Google but on the dark web, you'll have to know the URL right to the last decimal and character to access it.

CONSEQUENCES.

GAMBLING -

Bitcoin gambling is heavily done in United States and is not done on the surface web because of the anonymity this is why it is done on the deep and dark web. With the help of deep and dark web they can continue to gamble while hiding their identity.

ARMS & ARMOURY -

Euro-arms, it is a website which can deliver heavy armoury to your place all in Europe and it is not that hard to access it either. The ammunition is to be sold on the websit.

ILLEGAL FINANCIAL TRANSCATIONS -

Widely used for doing illegal transactions. It is probably one of the key reasons of using the deep and dark web."Atlantic Carding" offers this service, and the more you pay, the more you get. One can easily get the details of someone's credit card which includes the name, date and all other data linked to it.

TERRORISM AND DARK WEB -

The dark Web and terrorists go hand in hand with each other — the naxal people requires an anonymous network to use which is readily available for them via deep and dark web .It can be hard for the terrorist to do these kinds of work on surface web since it tracks down the digital footsteps, making it super easy to take them down. This is the solid reason behind heavy induge of terrorism activities behind deep and dark web.

COMMON INFORMATION FOUND ON DEEP AND DARK WEB

The deep and dark web contains varied information ranging from minority to the maximum extent of the data. Such as –

- Intranet system of schools and colleges.
- Password protected websites
- Access to online databases
- Member access websites only.
- An individual 's account on any social media website (such as Whatsapp, Instagram , etc)
- Medical records of an organisation
- Government resources.
- Multilingual Databases.
- Subscription reports

One can personal information as well such as –

- Credit card numbers.
- Passport details.
- Bank accounts/online accounts (such as Paypal)
- Social Security numbers
- Personal emails.
- Personal cloud things (such as photos)

Although there are quite a few differences between deep and dark web, below here is the comparison between deep, dark and simple web technique that we generally use.

	Simple web	The Deep Web	The Dark Web
Accessing	Traditional search engine	Requires specific software for accessing	Usually requires TOR browser.
Size	Around 4.47 Billion pages	More than 4/5 times than simple web.	Part of deep web with huge size.
Uses	General stuff such as surfing the net	Official stuff without digital footsteps	Mostly for illegal activities.
Used by	Almost everyone	Whistleblowers, journalists, etc.	People involved in illegal activities.
Anonymity	Not at all.	When you use VPN,it becomes hard to trace it down	With precautions, yes.

ACCESSING VIA TOR BROWSER

The TOR browser is probably the mos used browser for accesccig the dark side of the internet. It was tradtionally developed to be usded by the Gocernment of the united states in order to store and incorporate with the scret data and accesccing things anonymously.

Nowadays, there are very few ways to access .onion extension. This extension is used by the TOR browser. This browser is a version of majorly used web browser Mozilla Firefox and allows the user to access the net secretly. This browser is used to do things in which an individual is required to hide its, identity not revealing any kind of digital footsteps either.

CONCLUSION

The Dark Web is Unknown and unequipped for segregating among lawbreakers and common clients. Authorization offices must address this issue by utilizing strategies that keep up with the protection of person whose data is being stolen and sold on the dark web.

Under appropriate legitimate position, government programmers can put deanonymising devices onto the PCs of clients getting to the site. On the off chance that the administration just closes down the site, another will rise up in its place. Online obscurity is a twofold edged sword that must be dealt with gently. Dull Web strategy, similar to all great arrangement, must be nuanced and keen so as to find some kind of harmony between the requirements of protection disapproved of clients and the administration's obligation to stop criminal behaviour.

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