Exploring the Dark Web

By Yuvank Soni

Today’s Agenda!

- What is Dark Web
- What is Onion routing
- Practical Exploration on Dark Web
- Dark Web Search Engines
- Dark Web Services
- Case Study about Dark Web
- Conclusion

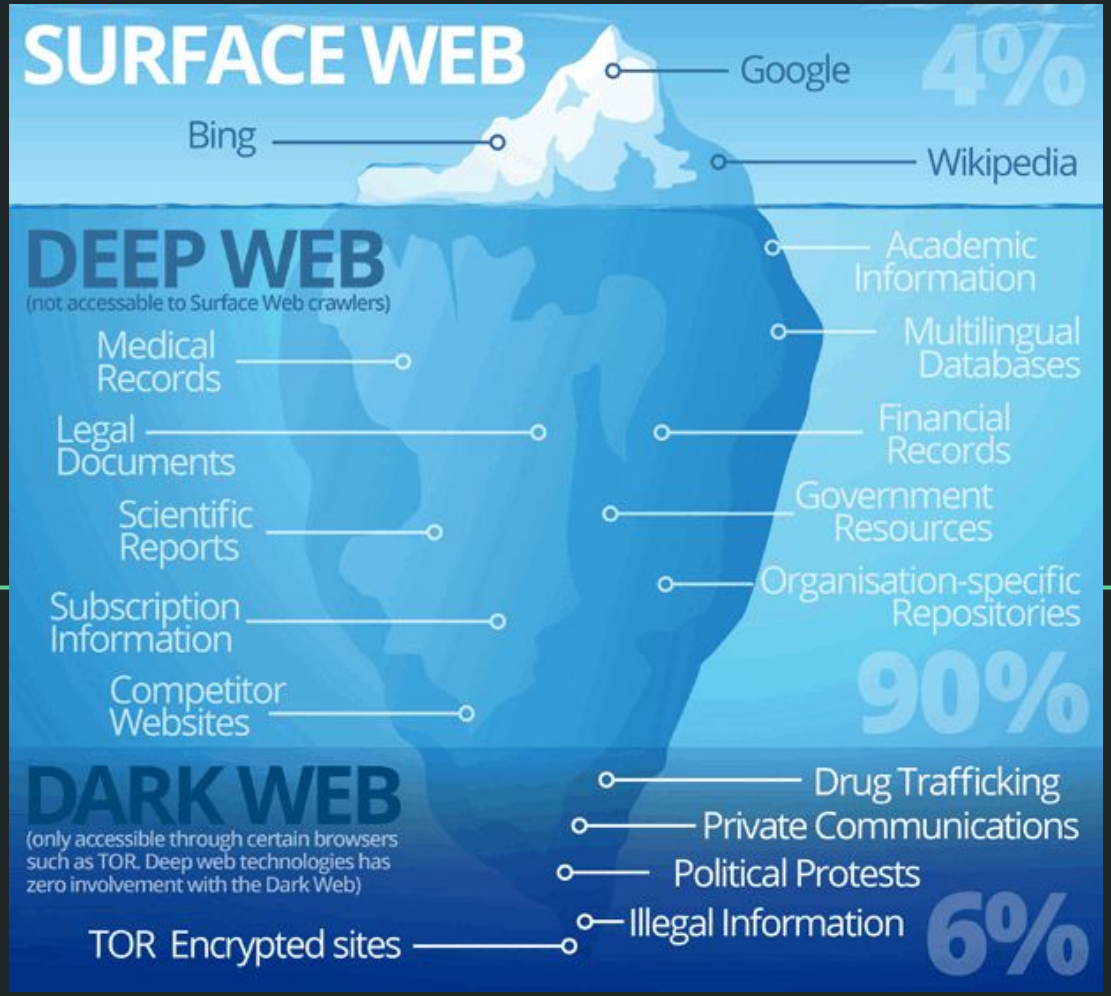
Warning!!

This presentation is just for education purpose, if anyone uses the information shared in this presentation for any Malicious, Unethical or Illegal purpose then neither the presenter nor its team and nor the company is responsible for anything!

Do not try this at your own take help with some experts before doing anything like this!

What is Dark Web?

The dark web refers to encrypted online content that is not indexed by conventional search engines.


SURFACE WEB
Google
4%
Bing
Wikipedia
DEEP WEB
(not accessable to Surface Web crawlers)
Academic Information
Multilingual Databases
Medical Records
Financial Records
Legal Documents
Government Resources
Scientific Reports
Organisation-specific Repositories
Subscription Information
90%
Competitor Websites
DARK WEB
(only accessible through certain browsers such as TOR. Deep web technologies has zero involvement with the Dark Web)
Drug Trafficking
Private Communications
Political Protests
Illegal Information
TOR Encrypted sites
6%

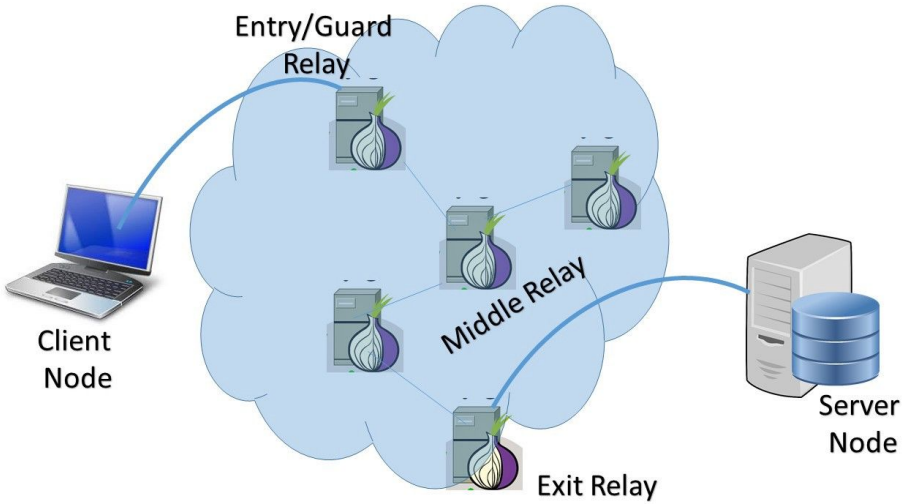
TOR Browser

What we will use to access Dark Web?

Why?

Tor Browser prevents someone watching your connection from knowing what websites you visit.

Tor Circuit



Tor creates a twisted path through 3 Tor nodes, and sends the data via that circuit. The core principle of Tor is onion routing which is a technique for anonymous & secure communication over a public network. In onion routing messages are encapsulated in several layers of encryption.

Let’s get Started!!

Case study!

The guy who ordered Drug from the Dark Web

Conclusion

So, Should you visit the Dark Web?

No, first understand about it and then take help from an expert.

Thank you!
Let’s Connect?

- LinkedIn: linkedin.com/in/yuvanksoni
- Twitter: twitter.com/yuvanksoni
- Instagram: instagram.com/yuvanksoni

OR

- Google “Yuvank Soni”