

### PRACTICAL : 3

**AIM : Study About Deep And Dark Web.**

#### What is the Internet?

The Internet is a globally connected network system that facilitates communication and **data** services through a vast collection of private, public, business, academic, and government networks. It serves as a virtual infrastructure that links millions of **computers** and electronic **devices** worldwide, allowing users to exchange information seamlessly.

#### Introduction To TOR

Tor stands for The Onion Routing. Along with Tor browser, Tor community also provides Hidden services also known as Onion Services which provide anonymity to websites and other servers configured to receive inbound connections only through Tor. Tor also provides free domain with TLD .onion but the problem is that the domain that will be generated is a random string mostly. Rather than revealing a server's IP address (and thus its network location), an onion service is accessed through its onion address, usually via the Tor Browser. The Tor network understands these addresses by looking up their corresponding public keys and introduction points from a distributed hash table within the network. It can route data to and from onion services, even those hosted behind firewalls or network address translators (NAT), while preserving the anonymity of both parties. Tor is necessary to access these onion services.

#### How does TOR work?

Multi-layered encryption and thousands of relays (also called nodes) form the backbone of the TOR network. A relay is simply a computer inside this network.

To use TOR, you'll need to install the TOR browser, which is free and easy to use.

When you use TOR, your data travels through many relays, none of which — except the exit node — knows its final destination. Additionally, no relay can know the content of your data.

#### Hidden Services

- Location-hidden service allow a server to offer a TCP service without revealing its IP address.
- tor accommodates receiver anonymity by allowing location hidden service
- design goals for location hidden services
  - Access Control : filtering incoming requests
  - Robustness : maintain a long-term pseudonymous identity

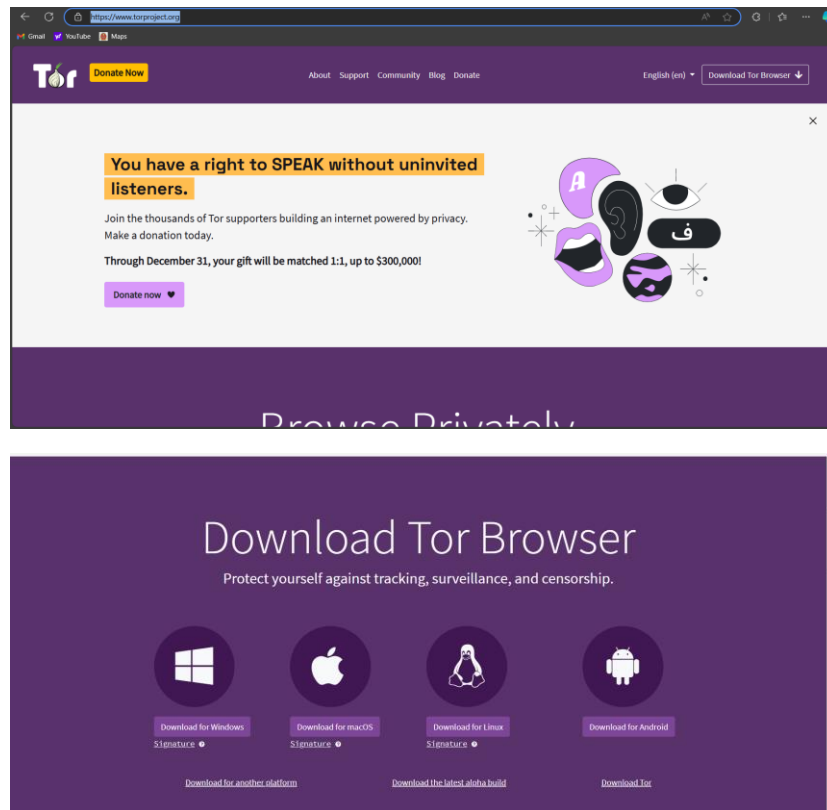
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- Smear-resistance : against socially disapproved acts
- Application transparency
- Allows to access onion website and deep web.

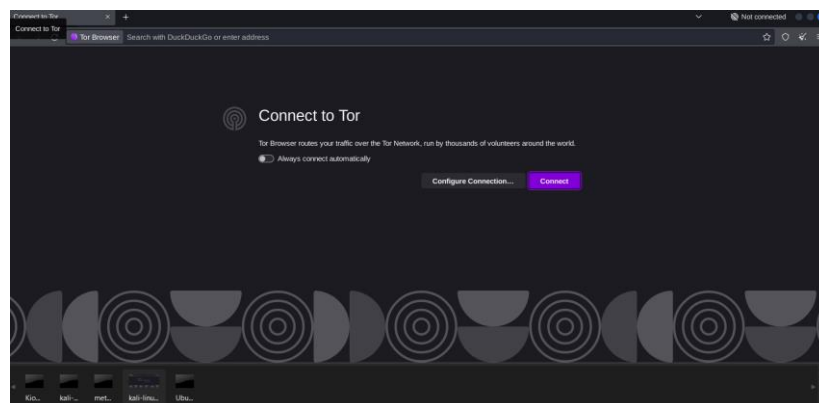
### Tor Installation

**Step 1 :** Install Tor from google.

- Open google and Search tor and install it.
- [Tor Project](#) | [Anonymity Online](#)

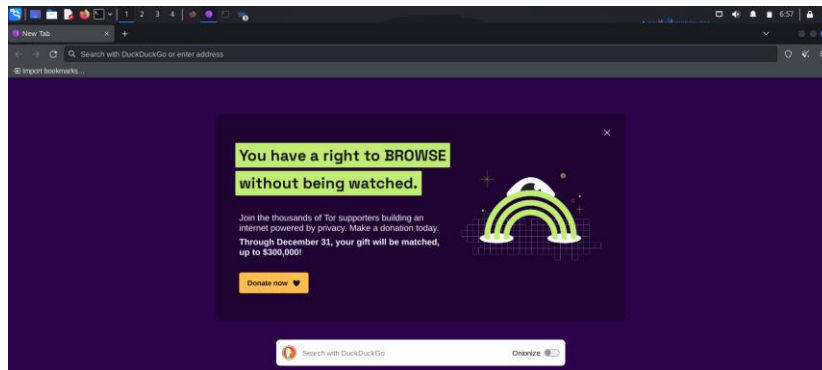


**Step 2 :** After Installtion , Open Tor Browser.



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**Step 3 :** You will get option of "Configure" and "Connect" , so Select "Connect" : and proceed.



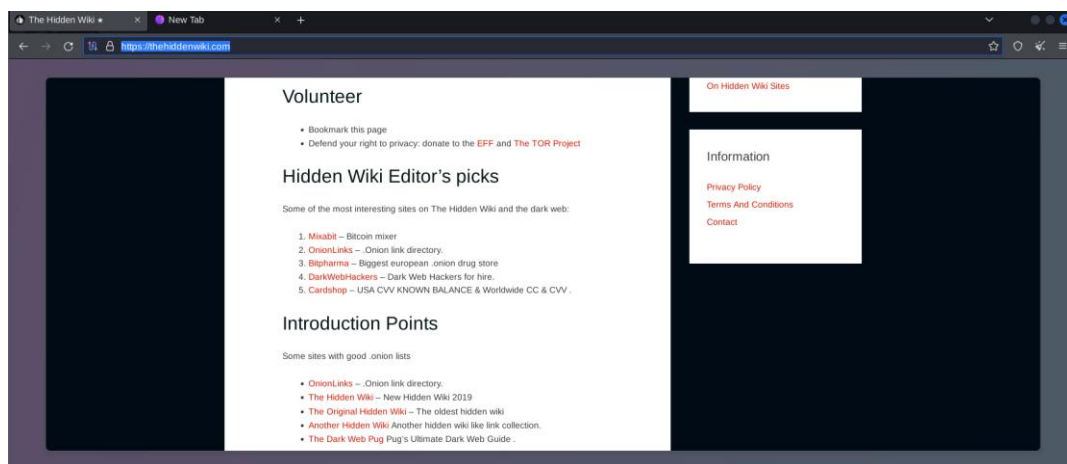
### Introduction To Dark Web

The dark web constitutes a large part of illegal activity on the internet. To a lesser extent, it is also used for lawful reasons by legitimate users such as those who want to protect the privacy of certain information or people looking to join an exclusive online club or social network.

### Access The Dark Web

**Step 1 :** First open Tor Browser and search hidden wiki and open it.

➤ <https://thehiddenwiki.com/>



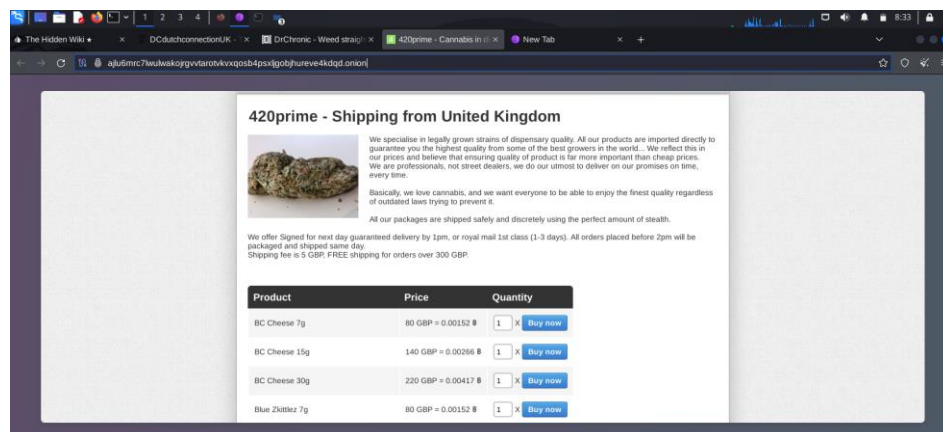
### Task 1 : Blogs and Personal Sites

**S-Config :** <http://xjfbpuj56rdazx4iolylxplbvyft2onuerjeimlcqwaih3s6r4xebqd.onion/>

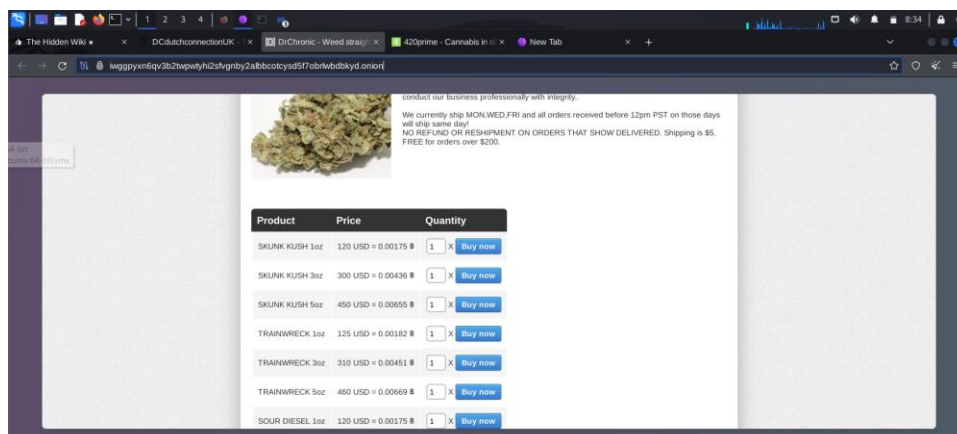


### Task 2 : Drugs

**420prime :** <http://ajlu6mrc7lwulwakojrgvvtarotkvxqosb4psxljgobjhureve4kdqd.onion/>



**Drchronic :** <http://iwggpyxn6qv3b2twpwtyhi2sfvgnby2albbcotcysd5f7obrlwdbdkyd.onion/>



### Task 3 : Financial Services

**Cardshop :** <http://s57divisqlcjtsyutxzjz2ww77v1bwpxgodtjcsrgsuts4js5hnxkhqd.onion/>

The screenshot shows the Cardshop website with a header "USA CVV KNOWN BALANCE". It features a product listing table with columns for Product, Price, and Quantity. The products are categorized by credit limits and their availability status.

Product	Price	Quantity
10 x cards with credit from 1000 to 5000 USD	90 USD = 0.00332 \$	Sold out
50 x cards with credit from 1000 to 5000 USD	350 USD = 0.00509 \$	1 x Buy now
10 x cards with credit from 5000 to 20000 USD	120 USD = 0.00175 \$	Sold out
50 x cards with credit from 5000 to 20000 USD	450 USD = 0.00655 \$	1 x Buy now
10 x cards with credit from 20000 to 50000 USD	180 USD = 0.00262 \$	Sold out

**ACCMarket :**

<http://55niksb22qqaedkw36qw4cpofmbxdtbwonxam7ov2ga62zqbhgt3yd.onion/>

The screenshot shows the ACCMarket website with a header "Paypal Accounts". It features a product listing table with columns for Product, Price, and Quantity. The products are categorized by account balance and their availability status.

Product	Price	Quantity
10x accounts with \$250-500 balance	150 USD = 0.00218 \$	1 x Buy now
25x accounts with \$50-250 balance	140 USD = 0.00204 \$	1 x Buy now

**CCPal :** <http://xykxv6fmblogxgmzjm5wt6akdhm4wewiarjzcngev4tupgjlyugmc7qd.onion/>

The screenshot shows the CCPal Store website with a header "ccPal Store". It features a product listing table with columns for Product, Price, and Quantity. The products are categorized by account type and their availability status.

Product	Price	Quantity
100 PayPal accounts	100 USD = 0.00145 \$	1 x Buy now
100 Ebay accounts	100 USD = 0.00145 \$	1 x Buy now
100 CCs with CVV2	150 USD = 0.00218 \$	1 x Buy now