Darknet; class 6

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# Deepweb

Not indexed by search engine, need authentication

# Darknet

Need specific tools to access it

Use special extensions like .onion

Not same protocols

Created by political dissidents to defend human rights

Serves as a haven for hacker

* Blogs, forums, wiki
* Code and software
* Exchange with crypto-currencies

## TOR, The Onion Router

Communications are routed randomly through a network of independent proxies

All traffic is encrypted

Each router only knows the previous and next IP

Impossible for your ISP to know the website that are communicated to

More anonymity protection

## Tor risk

Tor nodes are listed in a public directory

Blocks all js script on client server, so it can not compromise the network, no cookies either

## Silk Road

1st place for the drug market in 2011, was stopped in 2013.

Even though they arrested some of the dealers at the beginning, they had to arrest big sellers. Only them could access the “Vendor Roundtable” where the administrator could be talked to.

The only ip address of the administrator is from a internet cafe. They had to correlate to an email and then had to prove that he was the one to be the administrator

## Blockchain

Technology of storage and transmission of information without control system