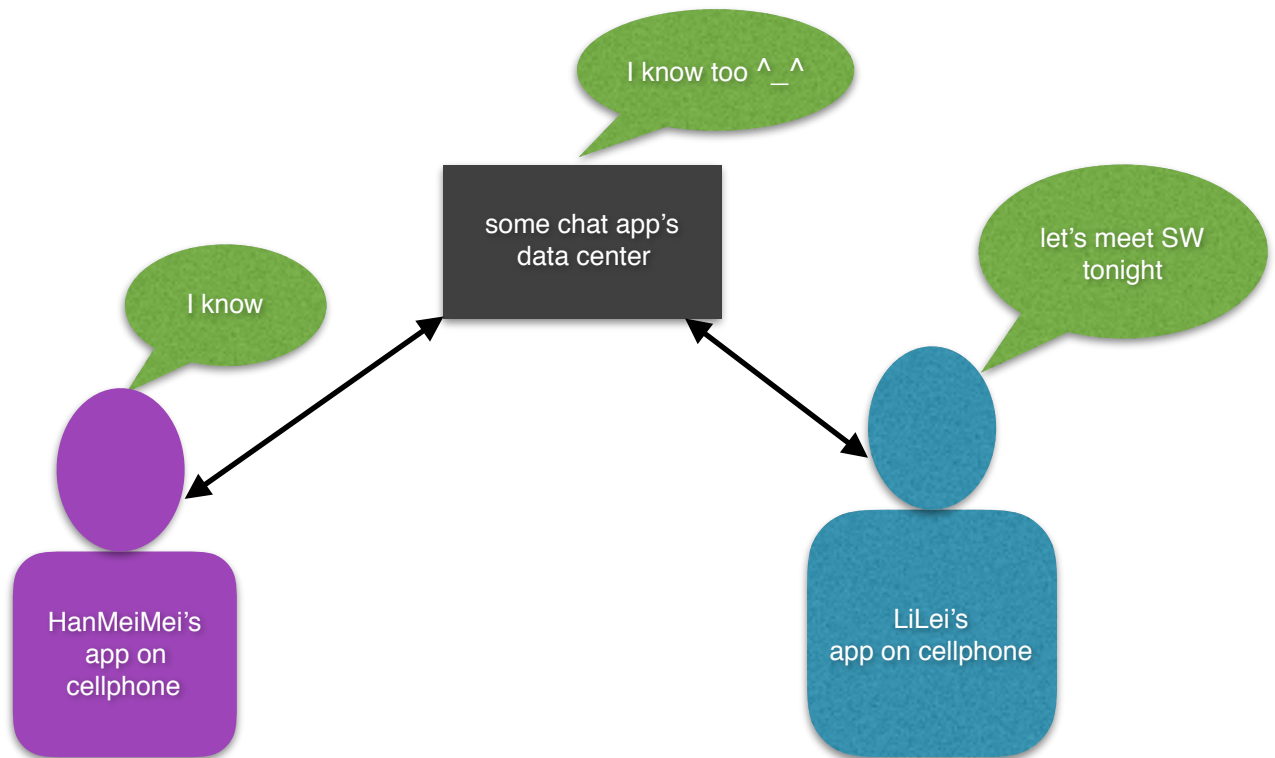# a decentralised social networking software system for freedom network
decentralisation is the best anti-AI-threat
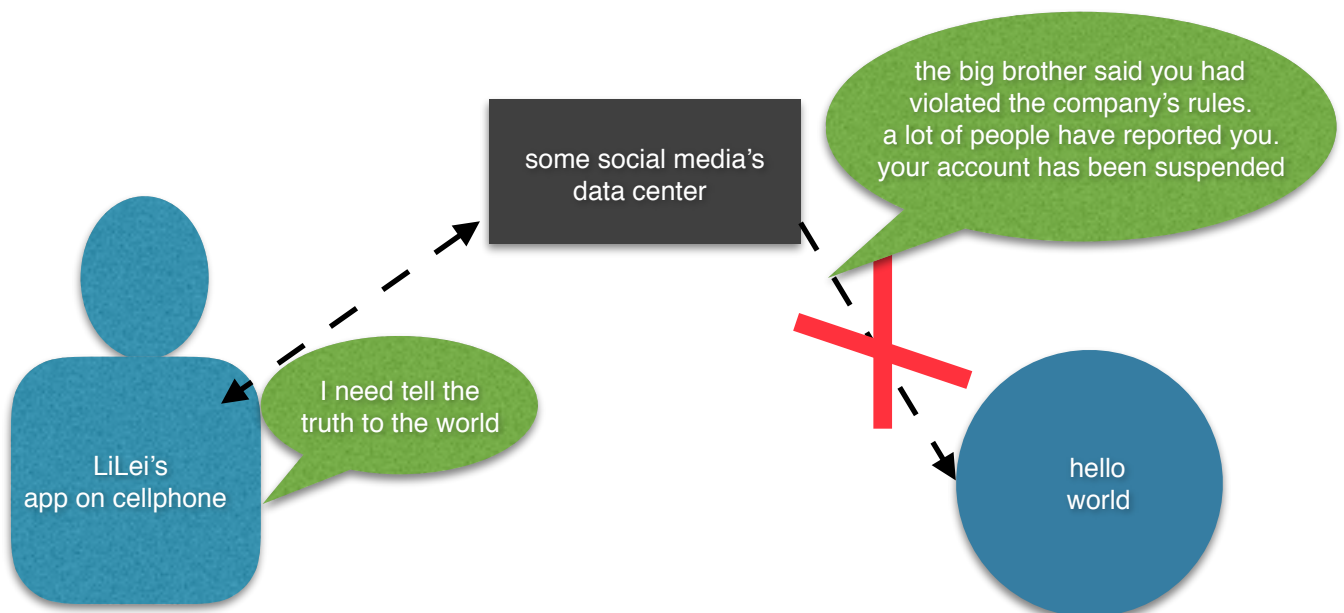## helping others helps yourself

▷ **problems we are trying to solve**

1. For traditional social networking software, user data is stored on the software vendor's datacenter. AI has the chance to collect and analyse user datas .
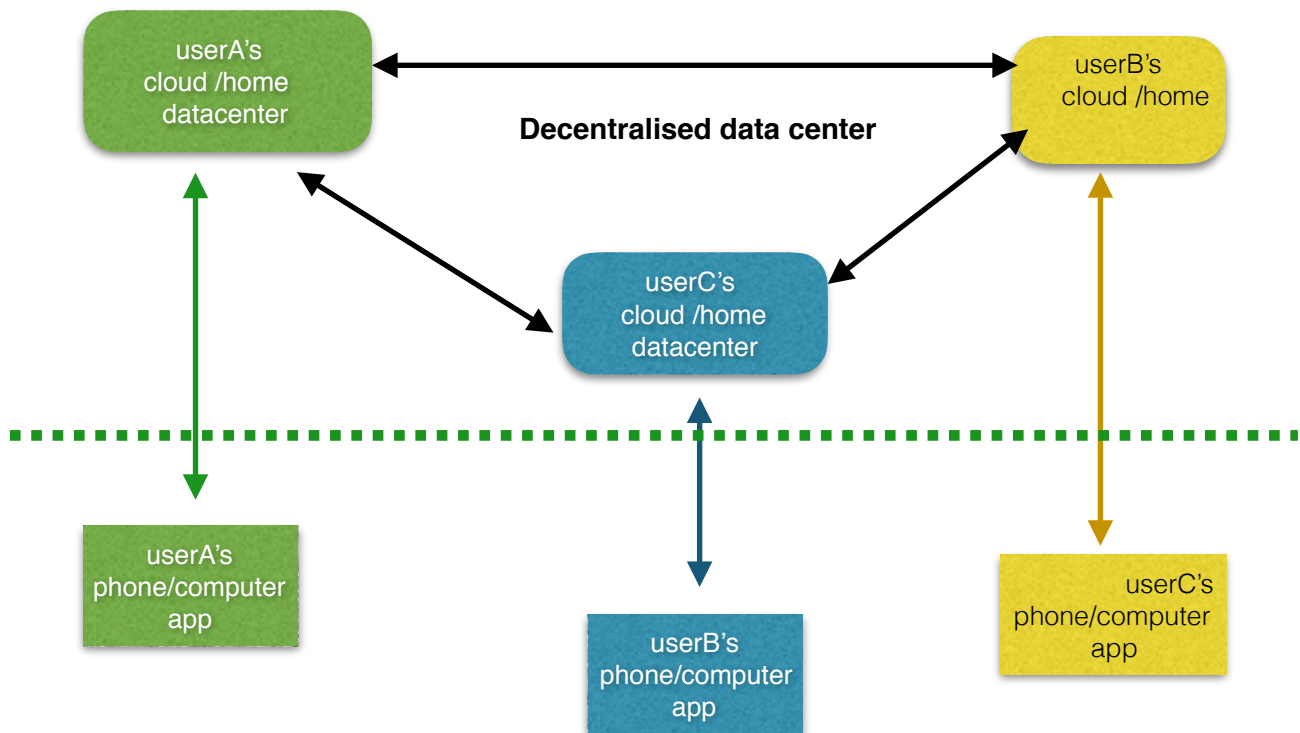
I know too ^_^

some chat app's data center

I know

let's meet SW tonight

HanMeiMei's app on cellphone

LiLei's app on cellphone

2. The traditional social networking software vendors have all the so-called right reasons to shut down your account in some particular moments.

the big brother said you had violated the company's rules. a lot of people have reported you. your account has been suspended

some social media's data center

I need tell the truth to the world

LiLei's app on cellphone

hello world

3. some websites and social networking apps are banned in some countries.

4. Facebook user cannot talks to WhatsApp user directly, we have to install multiple Apps to connect to friends in different area.

▷ the possible solution to the problems

Decentralised data center

userA's cloud /home datacenter

userB's cloud /home

userC's cloud /home datacenter

userA's phone/computer app

userB's phone/computer app

userC's phone/computer app

decentralised social networking system using the standard protocol to communicate with each other.

- **user's datacenter**
    - can be deployed on one's private cloud server or his own home computer. everyone in the future will have a cloud server just like today everyone owns at least one laptop or desktop.
    - by providing standard protocol,many companies have the chance to join in this market to develop a server end package, so that people without technical background can easily install his own datacenter.
    - packages developed by different companies can communicate with each other, which is not like current existing social networking software,for instance Facebook user cannot talk to whatsapp user.
    - adding people to one's network is easy, just by domain name.
    - user can move his datacenter to a different place without losing his data.

- **user's phone/computer app**
    - just like current existing Facebook,whatsapp ect.
    - the difference is that,user have more and more option, besides from Facebook and whatsapp,any apps developed by a company who obey the protocol can be used here.
    - social networking market is no longer giant company's backyard. any company can get a cut from here if the users believe they don't play evil.

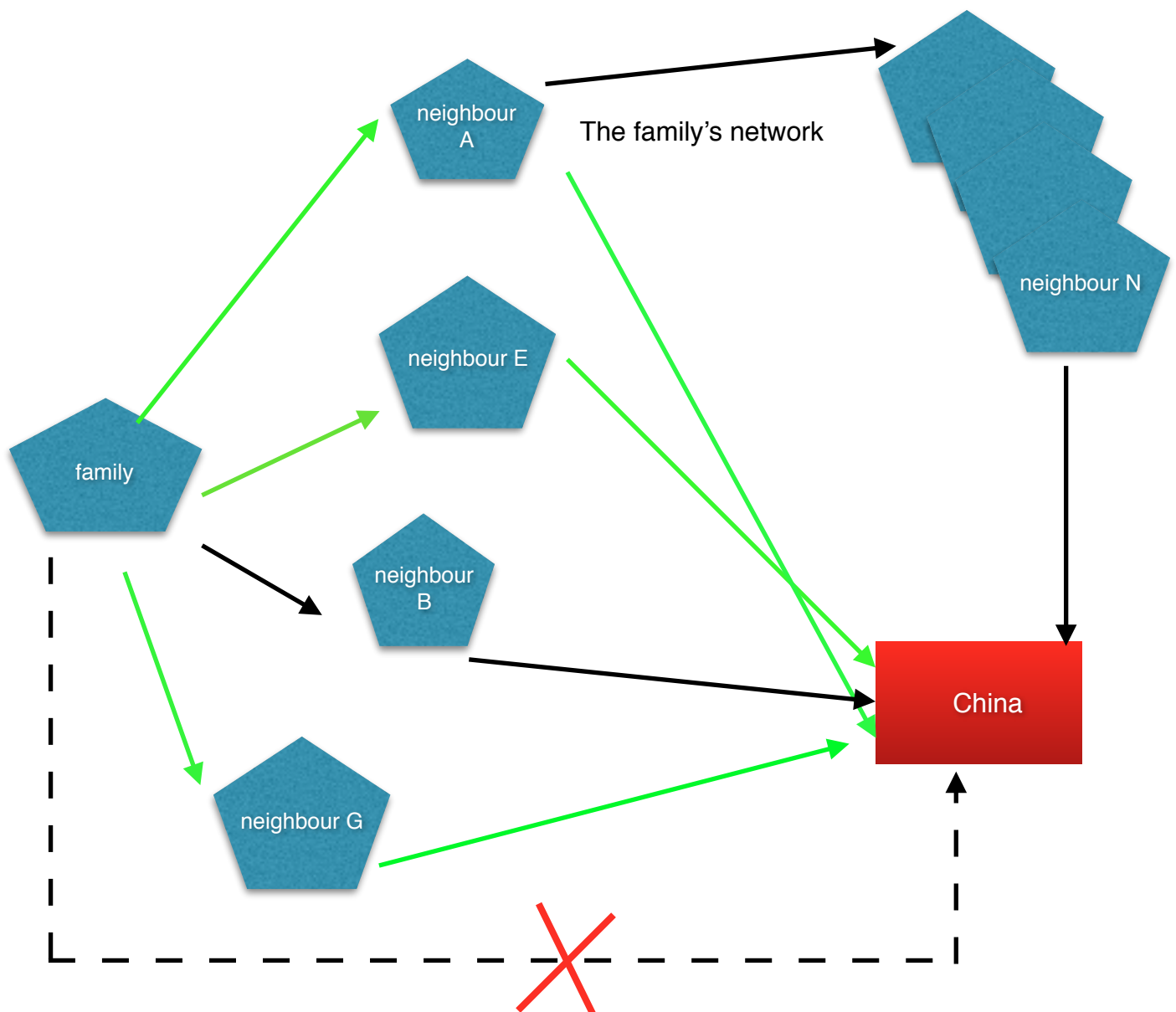- **social networking software becomes more safe and more democratic because**
    - more supervision from the standard organisation and third party monitoring software
    - more competition

▷ **how this system solves the third problem**
the possible solution: you need a lot of friends in your network, some of them have their cloud servers deployed in overseas, every cloud server has a special door opened for helping others in the network who wants to visit the blocked domain.

for example, if a Nazi army is hunting a family, a farther, a mother, a child. their neighbours have special tunnels to ShangHai China, the family can randomly choose 3 neighbours who's tunnel is fast enough to get to ShangHai China, for instance, the father choose neighbour A, the mother choose neighbour G, the child choose neighbour E.

take the family as a package of your message you want to deliver through your social network, in theory, you can cut your message into slices and randomly choose some of your good neighbours to deliver to any corner of the world at each time.

The family's network

- ▶ **helping list**
  each user has the option to add some domain name on its helping list,so his friend in the network can open his special door for delivering a portion of their messages to the blocked domain.

- ▶ **how to find out some best paths to the blocked domain**
  I am not an expert on this.my naive guess would be like this: first by random search,note down the nodes each path has been through. in theory the paths is jumping from time to time,so it would be difficult for one to collect the user's whole package .

- ▶ **comparison to existing WPN technology .**
  existing WPN works alone,they can easily be detected and blocked. Our method use the nature of social network, we work together in network, we help each other. the tunnels to the outside world growth quickly like bacteria when your network grows.In theory any individual in this network is impossible to be blocked,unless this country is like north Korea cutting all the connection with the outside world.

▷ the benefit of the new social networking system to the world

1. every company, big or small, has the equal opportunity to take in play. it is a business democracy.
2. the end user no longer has to install multiple social-app,for instance one might have some friends on Whatsapp,in the mean time he also has some friends on Facebook. with this new social networking software system he can choose any APP and server-app provider to connect to all the friends all over the world.
3. the user don't have to be a technical expert,there are many professional companies can provide good service,the user just need to click next and next,every thing on cloud server and phone app should be installed quickly.
4. in all,because it is no longer dominated by some giant companies,and you don't have to sing a song on other giant company's platform,it is your own garden,if your garden has many beautiful flowers,many people will stop by, if it has many fruits,many people will come and buy them.since rule has been changed,there will be many many more opportunities for the end-user and other small companies that provide services.

▷ what we need here

1. a standard organisation like 3GPP that defines the protocol, so that every component providers can obey,and supervise the component providers so that they dare not collect user's data for evil things.
2. really hope experts in this field can take the lead to form such a organisation.
3. many open source X experts to initiate this project.

▷ why user would like it as I do

1. **anyone in C-country can get access to any good website like Gxxgle and yxxtube without any technical background.**
2. **it is impossible to block a user,it can reach to anyone in any place,it is more secure.**
3. **more and more people have VPS for various purposes.** a lot of those people are deep learning / AI guys,they know best what AI can do. like I mention before, owning a VPS of your own will be a trend,imagine 20 years ago not every one has a laptop, now more and more people has many computers. it will be very convenient for one to have a VPS on the cloud for multiple purposes .
4. **free meal VS privacy**. indeed most user will have to pay for extra money for the VPS. but with the developing of technologies like docker, the price will going down and will finally become ignorable. for most people privacy is worth the very little amount of money.
5. **will those who don't want a VPS be abandoned ? no !** because we use standard protocol, there are a lot of companies who are willing to support these users who don't want to pay for extra money to buy a VPS, for them users means money ! but those users still have the options to migrate their datas to his own VPS once they decide to buy their own VPS.
6. **is it difficult for a user to get start? no !** because the whole system has been standardised,and been divided into several parts, these can provide many opportunities for start-up companies to provide such services, so that it will be very easy for the user to use,just like today's social networking APP.
7. more providers and more competition,user has more options,evil companies use AI to probe users' privacy and restrict user's freedom of speech will be abandoned by the user.
8. **it is your own self-media platform.** if you got skills, you can attract more views on your platform,which brings extra business opportunities to you.

helping others helps yourself.

Brian

2017.12.25