SOVEREIGNISTS vs.GLOBALISTS

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THE **GOAL** OF
THIS SPACE IS...

TO BE SOVEREIGN

SINGLE DECENTRALIZED
NETWORK

=

CENTRALIZED

A SINGLE DECENTRALIZED NETWORK IS **CENTRALIZED**

- From a physical perspective: won't survive WW3

- From a social perspective: can be captured

- Shouldn't design blockchains like a single 1-world government

DIFFERENT PEOPLE WANT...

DIFFERENT SECURITY MODELS

DIFFERENT PEOPLE
WANT **DIFFERENT SECURITY MODELS**

1. Different security models:
   - My parents → Local government
   - Argentinians → Global security independent instances + roaming
   - Myself → Ethereum Mainnet
2. Maintain **composability +** allow **applications to roam**
   - Don't split the UX
   - Real-world example: Phones

SCALE-FREE NETWORKS

IT'S ALL ABOUT STATE?

1. **State should be colocated when it's valuable together**
   - Not all under the same security
   - Only when culturally close
2. **Colocated state is very expensive**
   - Opt in to colocation only when needed to safe on cost
3. **Users and applications can roam between instances**
4. **Example: Financial transactions in Tokyo and Bangkok**

SCALE-FREE NETWORKS - BE YOUR OWN CHAIN

1. Every instance are the controller of the state it creates
   - Controllers can change over time
   - Controllers route state
2. Individuals are the controllers of their own state
   - 1/1 instances
   - No weird abstraction between users and instances - **EVERYTHING IS AN INSTANCE**
3. Example: Asset routing

THE **GOAL** OF THIS SPACE IS…

TO BUILD
WW3-RESILIENT
INFRA

THE GOAL OF THIS SPACE IS TO BUILD **WW3-RESILIENT INFRA**

1. Needs to be replacement/upgrade for existing coordination infrastructure
   - pax-Americana galore - infra won't survive a dedicated attack
2. On day 1 of WW3 global connectivity is immediately lost
   - VISA stops working and so will most global systems
   - Fibre gets cut and satellites get blasted
3. Privacy is needed for community defense

THE GOAL OF THIS SPACE IS TO BUILD **WW3-RESILIENT INFRA**

1. Coordination protocols (aka blockchains) can interoperate as much as the physical network allows
   - Scale-free networks are about being as local as required and as global as possible
   - Independent security models follow from this need for physical locality
2. Local instances in Bangkok must still work regardless of global state
3. Example: Run everything over LAN

THE GOAL OF THIS SPACE IS
TO BUILD **WW3-RESILIENT INFRA**

1. Local infrastructure first
   - You can't rely on a global RPC service or even Github
2. Every community must run their own infra that is fully decoupled from global state
3. Self-host infra in your own home DC - if you're in this room, then you're the best bet for WW3 resilient infra
4. Example: HAM radios in Zug

TL ; DR

TL;DR

1. A single decentralized network = centralized
2. A single global security model is terrifying → ability to extract rent and harm users
3. Different users have different preferences for their own security
4. We need many independent security models
5. Build Scale-Free Networks with Homogeneous Architectures and Heterogeneous Security
   - Individual sovereign instances must compose → Connectivity
   - Applications should be capable of roaming
   - State co-location is only necessary when states are valuable when co-located
   - Privacy matters
   - Run your own nodes and front ends → provide infra for your community

TAKEAWAYS

A. Learn from the **Internet (protocol)**
B. The goal of this space is
   to build **WW3-resilient infrastructure**
   - ○ Architectures/Protocols must work
     even when there is no global connectivity