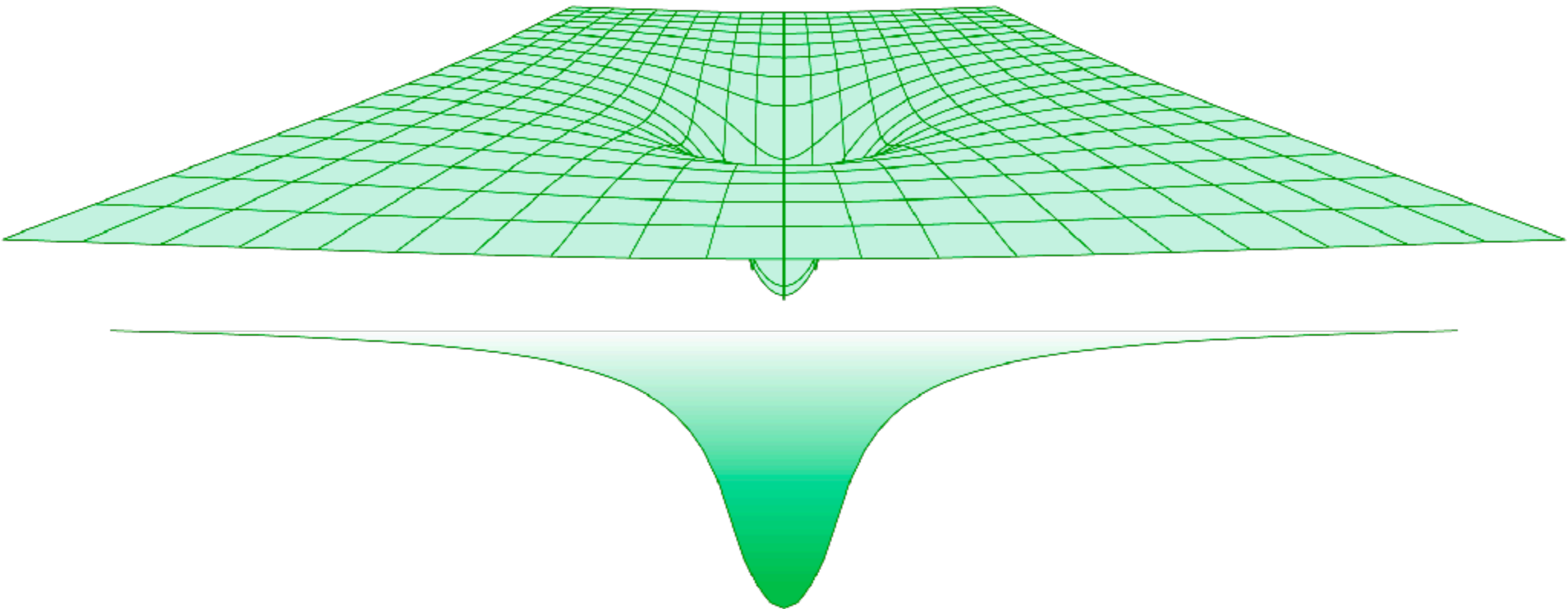


CONSOLIDATION IN THE INTERNET ECOSYSTEM



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WHAT IS CONSOLIDATION?



MARKET CONSOLIDATION, LARGE ENTITIES GAINING MORE MARKET SHARE

ECONOMICS & COMPETITION IS NOT OUR FIELD...

- BUT WE STILL NEED TO UNDERSTAND WHAT IS HAPPENING WITH THE INTERNET
- AND WHAT TECHNICAL IMPACTS MIGHT THERE BE? DOES THIS IMPACT INTERNET ARCHITECTURE?
- ALSO USEFUL AS POTENTIAL INPUT FOR DRIVING NEW TECHNICAL WORK

FACTORS LEADING TO CONSOLIDATION



MARKET & COMPETITION ENVIRONMENT



NETWORK EFFECTS



FUNDAMENTALS (E.G., SPEED OF LIGHT)



PERMISSIONLESS INNOVATION



WITHSTANDING DDOS ATTACKS



ASYMMETRIC BANDWIDTH AVAILABILITY, ...

ACT?

UNDERSTAND

- UNDERSTAND HOW INTERNET EVOLVES, AND TALK ABOUT IT



- ARE WE DOING ENOUGH RESEARCH ON THIS TOPIC?
 - MEASUREMENTS, E.G., I CAN'T FIND GOOD DATA ABOUT TRAFFIC CONSOLIDATION

EVOLVE TECH

- E.G., FEDERATION TOOLS WOULD HELP SMALLER PLAYERS
- MORE STANDARDS ABOVE IP/WEB STACKS? E.G., DATA PRIVACY, PORTABILITY

WHAT ELSE?

POINTERS

<https://www.ietf.org/blog/consolidation/>

<https://www.ericsson.com/research-blog/evolving-focus-internet-security/>

DISCUSS