“SPOT THE FED
- MASTODON, THE FEDIVERSE, AND WHY YOU CAN’T RUN SERVERS LIKE IT’S 1999

TARIQ YUSUF, CIPP/US
Senior Privacy Engineering Consultant – Kalles Group
Agenda

1. About Kalles Group
2. How We Got Here
3. Legal Challenges
4. Impact on instance Admins
5. Design Considerations
WE DELIVER INDUSTRY-LEADING EXPERIENCES AND OUTCOMES. WE PARTNER WITH CLIENTS TO TRANSFORM & GROW THEIR ORGANIZATIONS.
SPOT THE FED
ABOUT KALLES GROUP

TAILORED CHANGE

PRACTICAL SERVICES

KALLES GROUP

PROGRAMMATIC EXECUTION

OUTCOME FOCUS
“IN THE BEGINNING… THERE WAS GEOCITIES”
Welcome To...
UNIVERSE

You are now embarking on a journey through space on spacecraft QMJ71716 to explore the world in universe Q!!.... Are you ready for a cool ride?? First turn on your speakers REAL LOUD?? Take a listen to this space song!

SCROLL DOWN THE PAGE NOW
THE INTERNET CIRCA 1999

- Internet is primarily information-based
- Setting up webservers requires a lot of technical steps
- Relatively little public knowledge of tangible security and privacy risks
- Limited regulation
TODAY

Internet is primarily Social-based

Privacy and Trust Regulation

Public generally aware of security risks (if not knowledgeable)
FEDERATION ENTERS THE CHAT

### How We Got There

#### Centralized Services
- Social Media
- Traditional Sites

#### Decentralized Services
- Crypto, web3
- Mastodon, Bluesky
“As the technology became easier to deploy, the legal and policy challenges intensified.”
While the technical challenges have eased, legal and policy challenges pose new threats and increase litigation exposure.

**LEGAL CHALLENGES**

**GDPR**

- Privacy Rights
- Data Portability
- Compliance Requirements

**§230**

- Protects Moderation
- Reforms being evaluated

**COPYRIGHT**

- Safe Harbor Registration
- DCMA Takedown Notices
“THESE CHALLENGES ONLY GET BIGGER FOR INSTANCE ADMINS
IMPACT ON INSTANCE ADMINS

Technical.
- Reliability/Availability
- Security
- Privacy Protections

Financial.
- Smaller instances self-funded.
- Well-funded instances may have larger impacts on quality of service.

Policy.
- Beyond general community moderation
- Managing interactions with other spaces
- Lack of shared knowledge

Legal.
- Individual liability
- CSAM, National Security
A DECENTRALIZED FUTURE REQUIRES AN APPROACH THAT CONSIDERS VARIABLE RESOURCES
FUTURE DESIGN CONSIDERATIONS

- HOW TO BRING SOME OF THE ADVANTAGES OF CENTRALIZED SERVICES TO DECENTRALIZED PARTIES
- TECHNICAL CONSISTENCY
- USER EXPERIENCE CONSISTENCY
“BUILD FOR THE BIG FISH AND THE LITTLE ONES...
QUESTIONS?

tariqy@kallesgroup.com

@tariqajyusuf

@tariq@absolutelyhar.am

@tariqyusuf.in

https://tariqyusuf.in

https://kallesgroup.com