Kalles/Group

SPOT THE FED

SEPT. 2023

KALLESGROUP.COM

SPOT THE FED
Tariq Yusuf

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

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Senior Privacy Engineering Consultant – Kalles Group

SPOT
THE FED

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Senior Privacy Engineering

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Agenda

1. About Kalles Group
2. How We Got Here
3. Legal Challenges
4. Impact on instance Admins
5. Design Considerations

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ABOUT KALLES GROUP

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WE DELIVER INDUSTRY-LEADING EXPERIENCES AND OUTCOMES. WE PARTNER WITH CLIENTS TO TRANSFORM & GROW THEIR ORGANIZATIONS.

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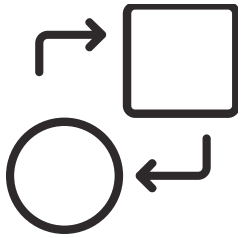
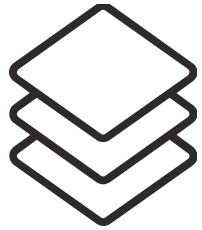
ABOUT KALLES GROUP

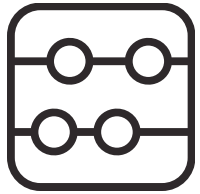


TAILORED
CHANGE



PRACTICAL
SERVICES

KALLES GROUP



PROGRAMMATIC
EXECUTION

OUTCOME
FOCUS

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HOW WE GOT THERE

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IN THE BEGINNING…
THERE WAS GEOCITIES

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HOW WE GOT THERE

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

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HOW WE GOT THERE

TODAY

Internet is primarily Social-based

Privacy and Trust Regulation

Public generally aware of security risks (if not knowledgeable)

FEDERATION ENTERS THE CHAT

- Social Media
- Traditional Sites

- Crypto, web3
- Mastodon, Bluesky

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LEGAL CHALLENGES

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AS THE TECHNOLOGY BECAME EASIER TO DEPLOY, THE LEGAL AND POLICY CHALLENGES INTENSIFIED

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LEGAL CHALLENGES

LEGAL CHALLENGES

While the technical challenges have eased, legal and policy challenges pose new threats and increase litigation exposure

GDPR
Et. Al.

PRIVACY LEGISLATION

- Privacy Rights
- Data Portability
- Compliance Requirements

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CONTENT MODERATION

- Protects Moderation
- Reforms being evaluated

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- Safe Harbor Registration
- DMCA Takedown Notices

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THESE CHALLENGES ONLY GET BIGGER FOR INSTANCE ADMINS

IMPACT ON INSTANCE ADMINS

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

Technical.

- Reliability/Availability
- Security
- Privacy Protections

Legal.

- Individual liability
- CSAM, National Security

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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

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BUILD FOR THE BIG FISH AND THE LITTLE ONES...

THANK YOU

QUESTIONS?

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CYBERSECURITY AND TECHNOLOGY CONSULTING