



Feediverse Independencies And Network Diversity

What are the networks and ASNs the Fediverse lives in?

Stefan Funke
DENOGL5

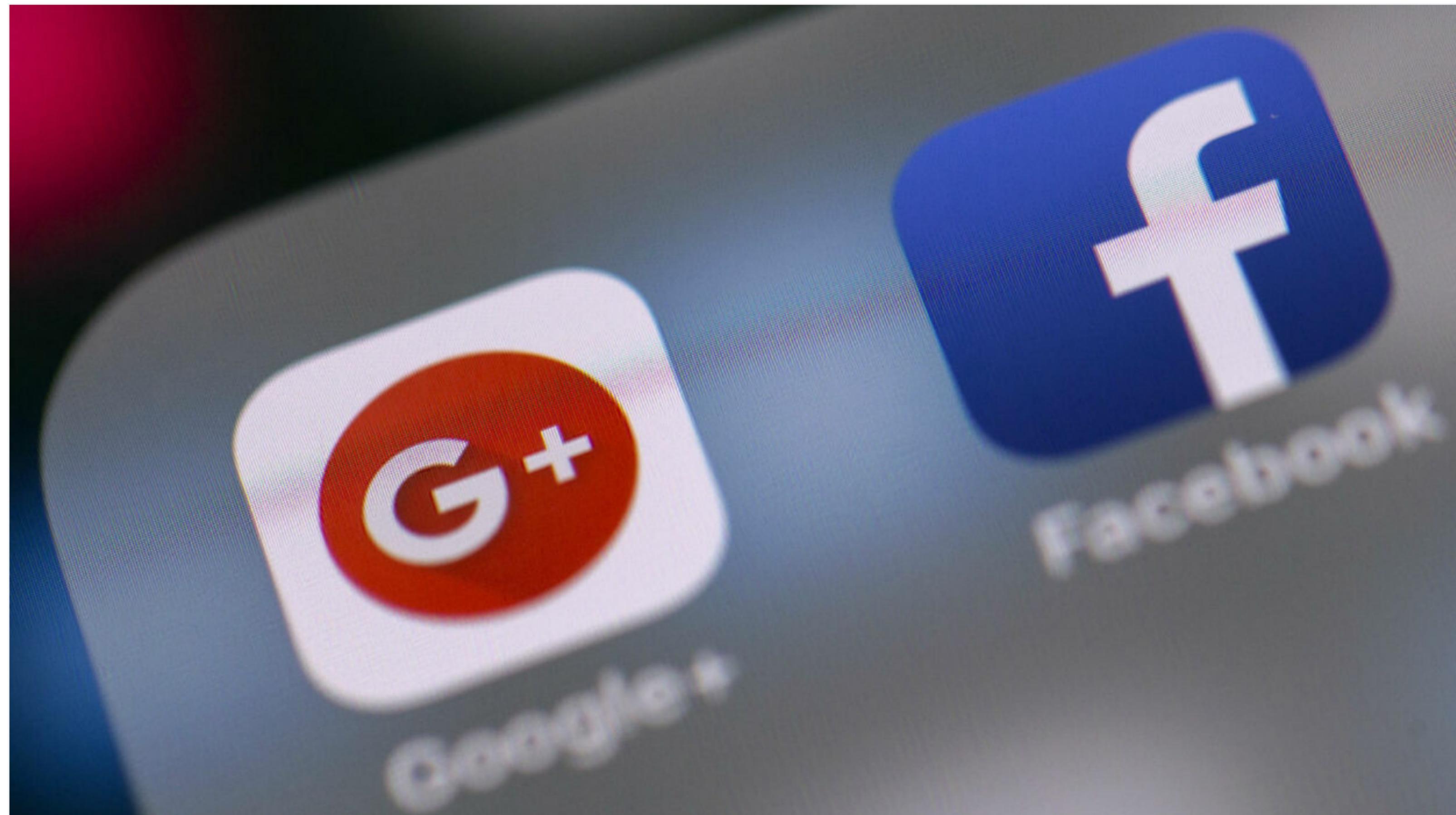


Home > Tech > Tech Industry

Google+ dies today

So long, and thanks for all the... empty pages?

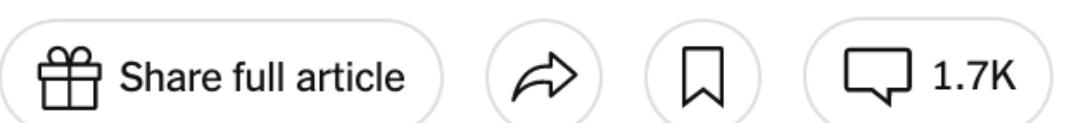
By [Stan Schroeder](#) on April 2, 2019



See more from our live coverage: [Elon Musk Buys Twitter](#)

Elon Musk Completes \$44 Billion Deal to Own Twitter

The world's richest man closed his blockbuster purchase of the social media service, thrusting Twitter into a new era.



By [Kate Conger](#) and [Lauren Hirsch](#)

Kate Conger reports on technology from San Francisco and Lauren Hirsch reports on mergers and acquisitions from New York.

Oct. 27, 2022

After months of waffling, lawsuits, verbal mudslinging and the near miss of a full blown trial, [Elon Musk](#) now owns Twitter.

On Thursday night, Mr. Musk closed his \$44 billion deal to buy the social media service, said three people with knowledge of the situation. He also began cleaning house, with at least four top Twitter executives — including the chief executive and chief financial officer — getting fired on Thursday. Mr. Musk had arrived at Twitter's San Francisco headquarters on Wednesday and met with engineers and other executives

ActivityPub is an open, decentralized social networking protocol based on Pump.io's ActivityPump protocol. It provides a client/server API for creating, updating, and deleting content, as well as a federated server-to-server API for delivering notifications and content.

(Source: Wikipedia)



Brustkorb 

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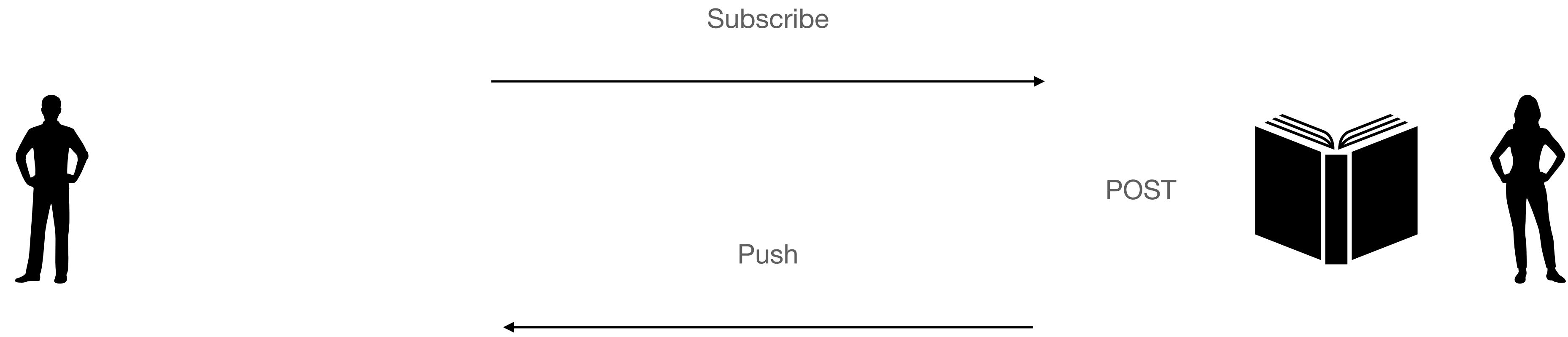
Tipp für aktuell anstehende Gespräche:

»Was machst du Silvester?«

»Spaghetti mit Tomatensoße.«

10. Nov. 2023, 07:13 ·  · Mastodon for iOS · ↗ 42 · ★ 141

ActivityPub, how it works (simplified)



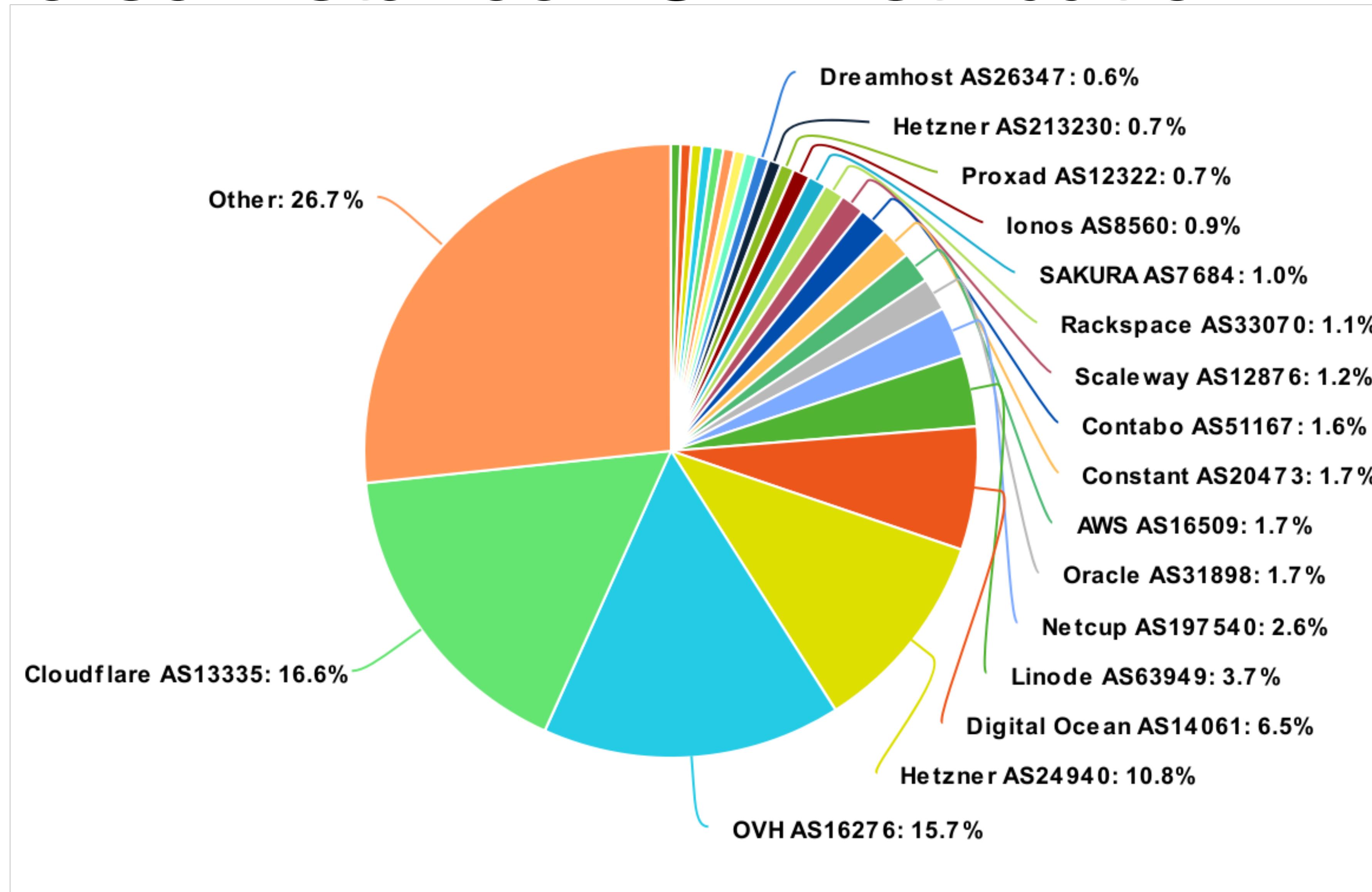
⚠ federating servers have inbound **AND** initiate outbound connections

Fediverse Instance Snapshot from Sep 2023

- data is publicly available
- Dumped it to a psql for studies
 - <https://itgaertner.dev/?0246f09ed4e35edf#Arbu6EFLw1GpZnvfbRQigcJCc8q1tCEhMmAZ1bdnL2oP>
- 22.365 Instances
 - Distributed over 1.393 ASNs
 - IPs distributed/registered to 79 different countries
 - 43% of all instances have an IPv6 DNS record
 - Yes, there are a few IPv6 only instances, good luck with that

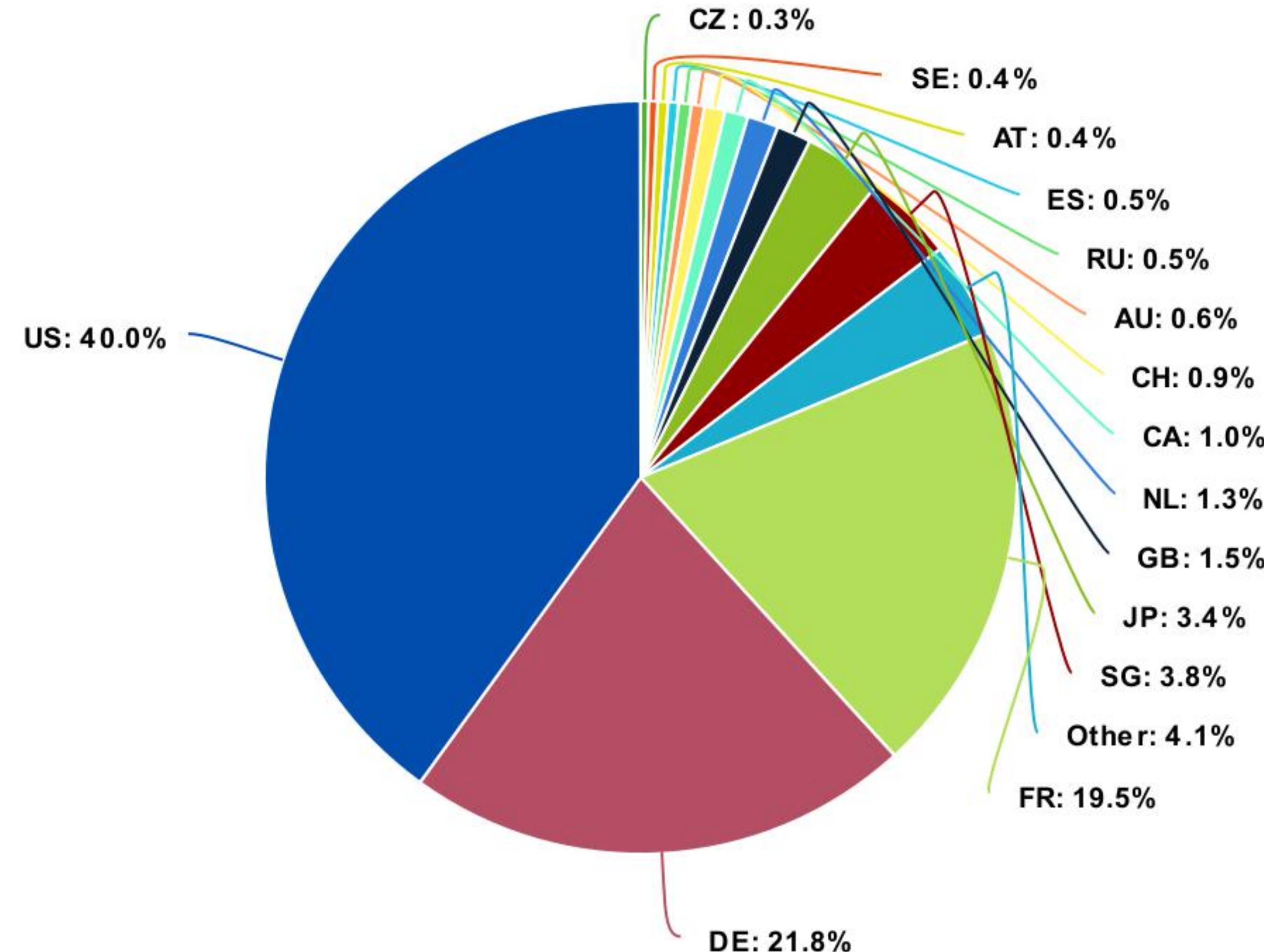
**Which ASN has the most
Fediverse instances? Guesses?**

Fediverse Instance ASN Distribution



Fediverse Instance Country by IP

IP/Country Distribution



If you chose not to host by yourself

Do your homework

```
# select ipv4, count(ipv4) from fediverse group by ipv4 order by count DESC;
```

ipv4		count
54.37.149.185		806
94.23.75.107		769
178.33.220.142		341
46.105.53.65		242
50.56.249.138		142
176.31.213.231		127
51.159.205.28		85
104.130.124.192		78
49.12.191.254		77
51.79.230.8		76
217.182.80.236		73
91.132.147.113		64
51.75.122.114		57
23.88.72.209		55

Hosting your own instance

Mastodon is a monster, there are alternatives



GoToSocial: <https://gotosocial.org/>

- Single (golang) binary, easy to manage
- Perfect for a single or small user instance
- Try it, give yourself or your company a voice in the Fediverse

Hosting your own instance

Where should I host my instance?

golem.de
IT-NEWS FÜR PROFIS

HOME TICKER PODCAST NEWSLETTER GOLEM PLUS E-PAPERS FORUM ANMELDEN

Artikel, News, ... Suchen Mehr lesen mit Golem Plus

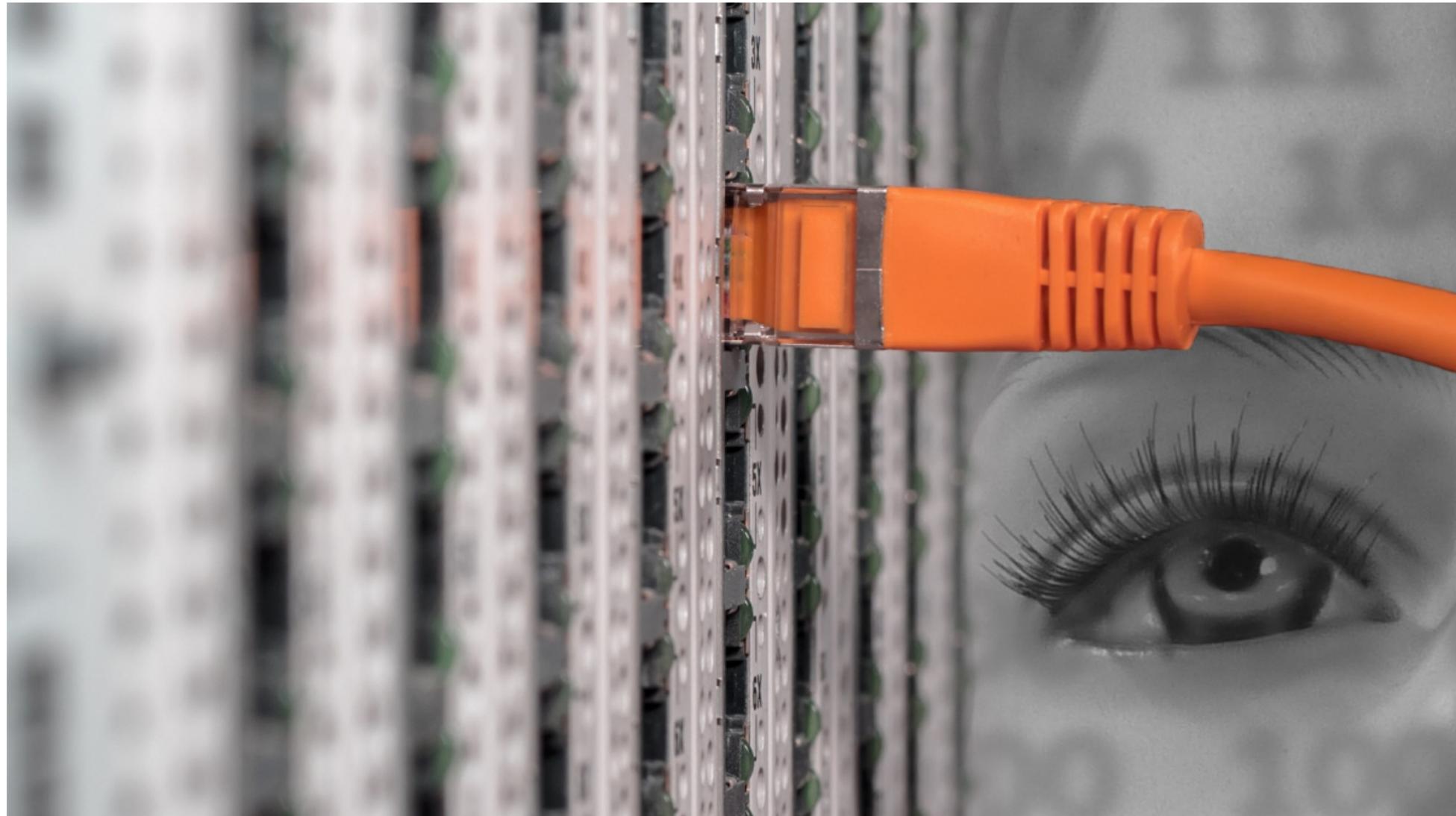
KARRIEREWELT JOBS IT-FACHTRAININGS COACHINGS SPRACHKURSE GEHALTSCHECK | GOLEM-PC TECHNIK-RATGEBER DEALS

BEI HETZNER UND LINODE

Russischer Messaging-Dienst wurde in Deutschland abgehört

Ein noch unbekannter Angreifer konnte wohl über Monate den Datenverkehr des russischen Messaging-Dienstes jabber.ru abhören und manipulieren.

 24. Oktober 2023, 15:00 Uhr, Marc Stöckel



(Bild: pixabay.com / blickpixel)

Bei Hetzner und Linode kam es zu einem MitM-Angriff auf den russischen Kommunikationsdienst jabber.ru

Hosting your own instance

Where should I host my instance?

If you run your own ASN, host in your ASN, it creates diversity

If you have full internet at home, lucky you, host it at home!

If you don't want to hustle with server management, go to a managed service provider.

If you can't do any of those, just register an account on any of the public and open instances: <https://joinfediverse.wiki/Instances>