



Dataplane.org

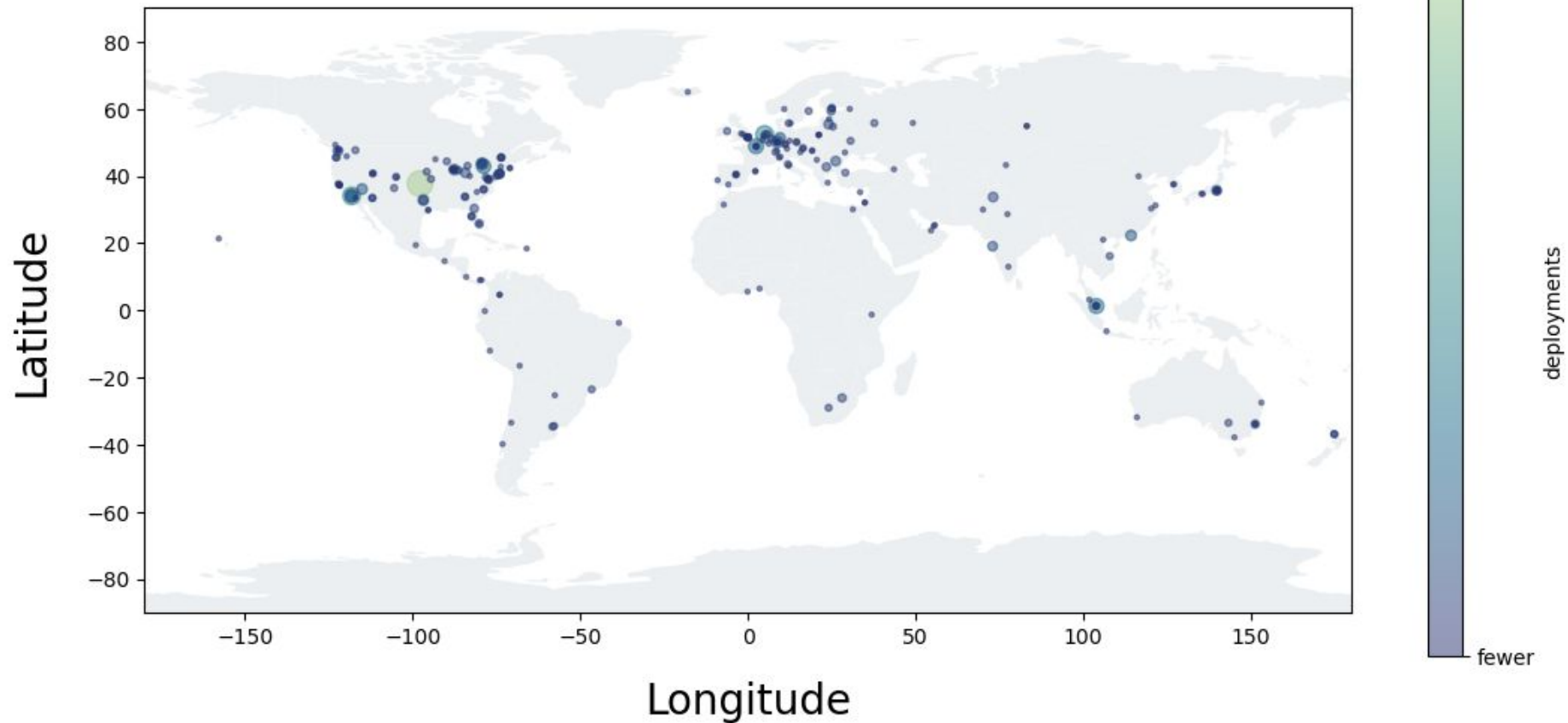
SMTP Distributed Monitoring in-the-wild

John Kristoff

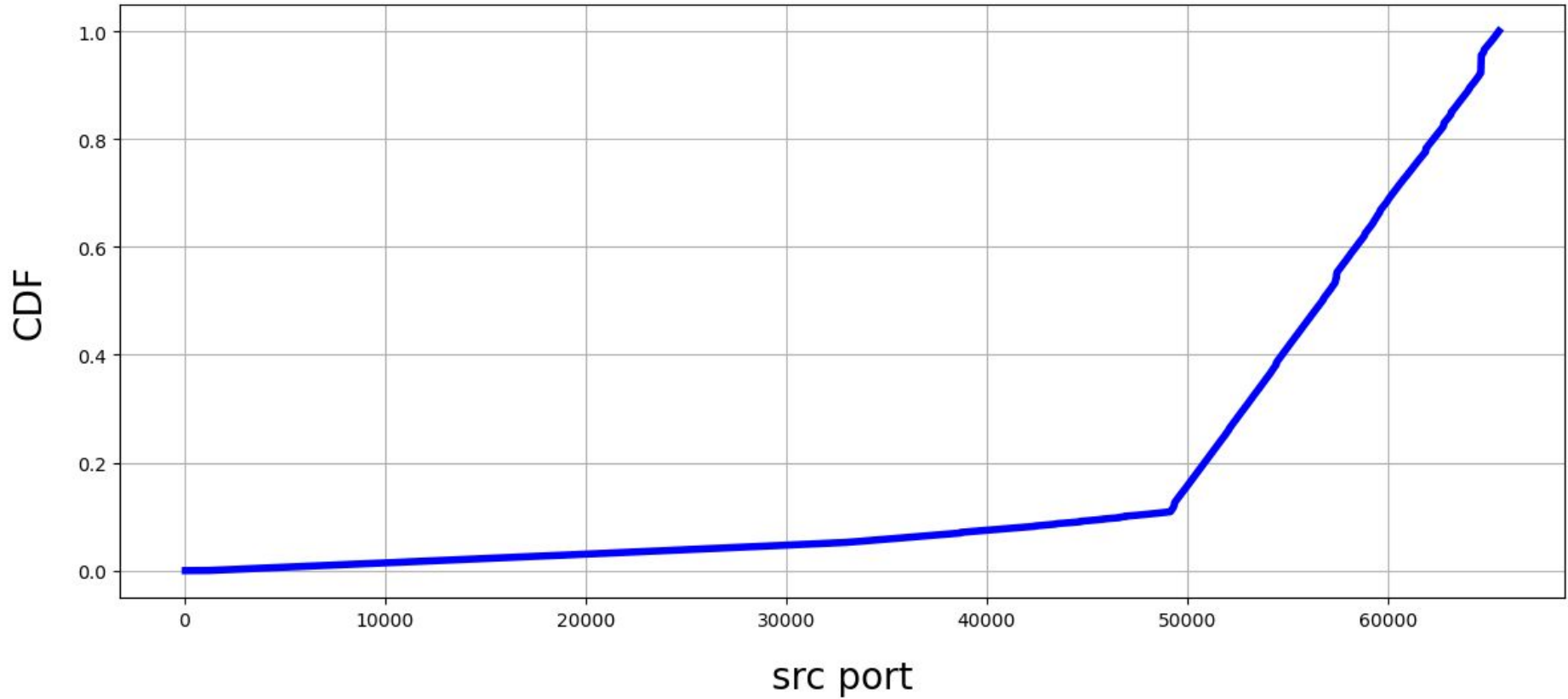
Overview

- ~500 sensor nodes in ~100 nets
- Unadvertised service (no A/AAAA/MX RRs)
- Data window: 2024-01-01 to 2024-03-31
- 27+ million events
 - connect, helo, ehlo, rcpt to, ..., !body

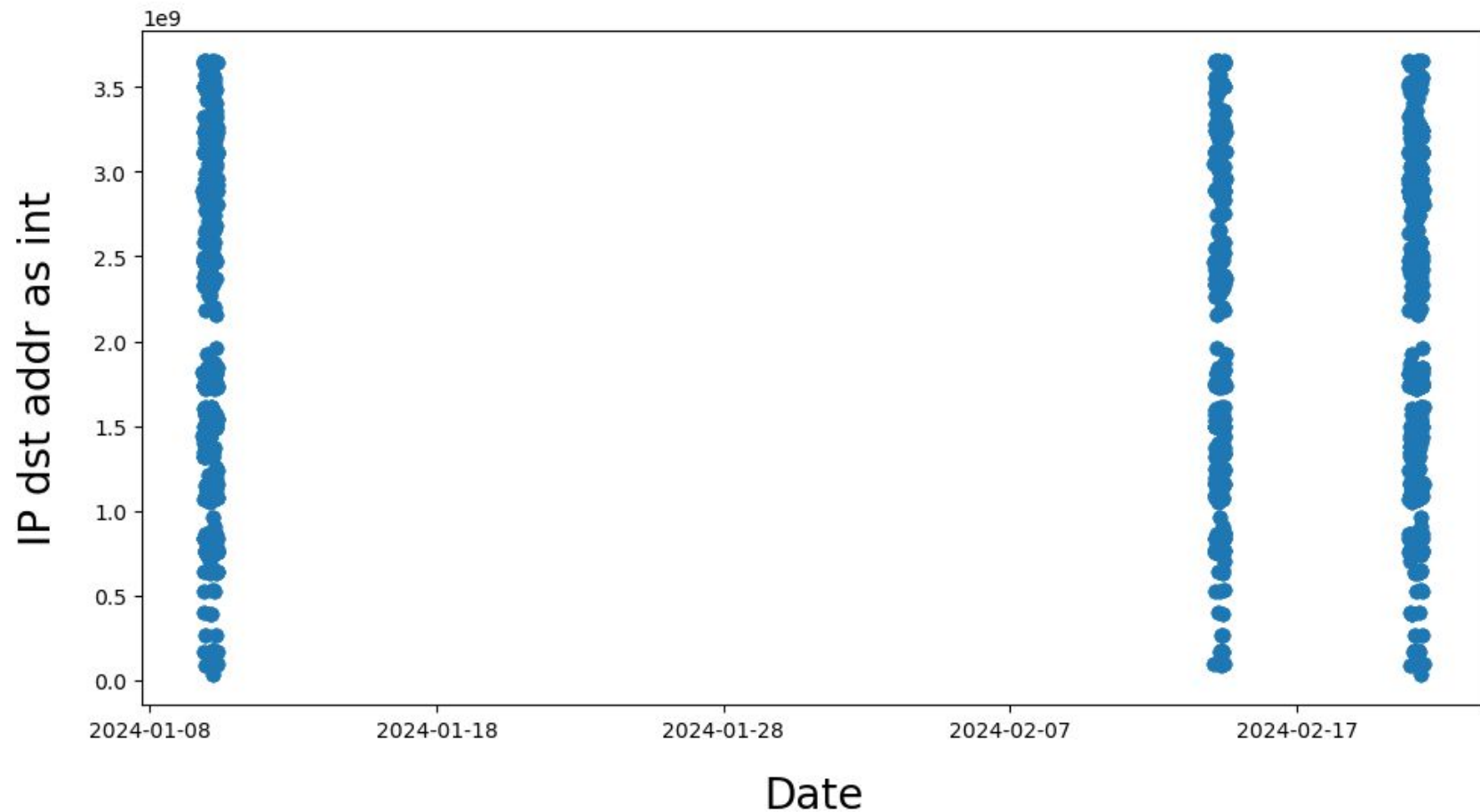
Dataplane.org sensor map



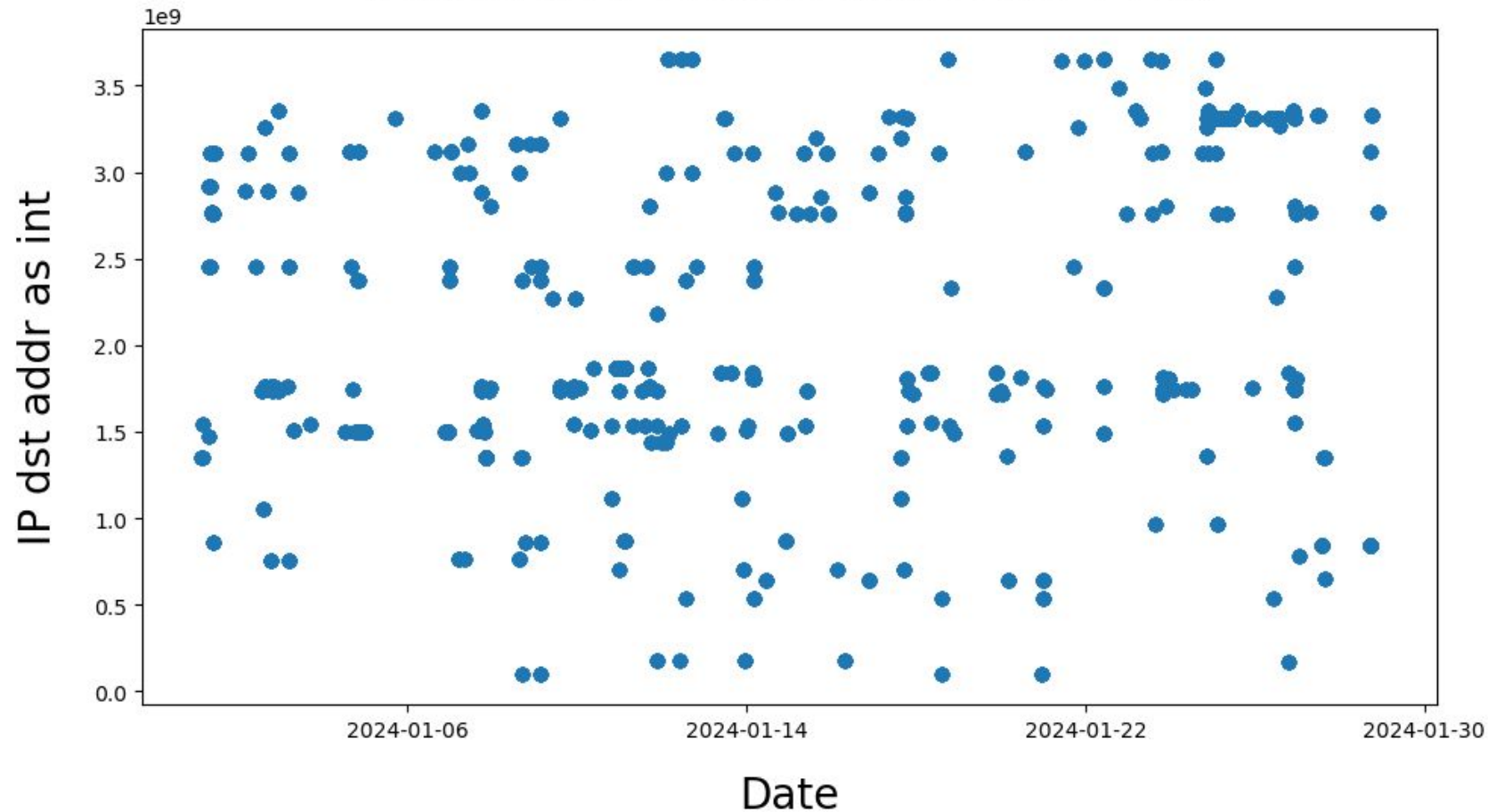
CDF of src port values



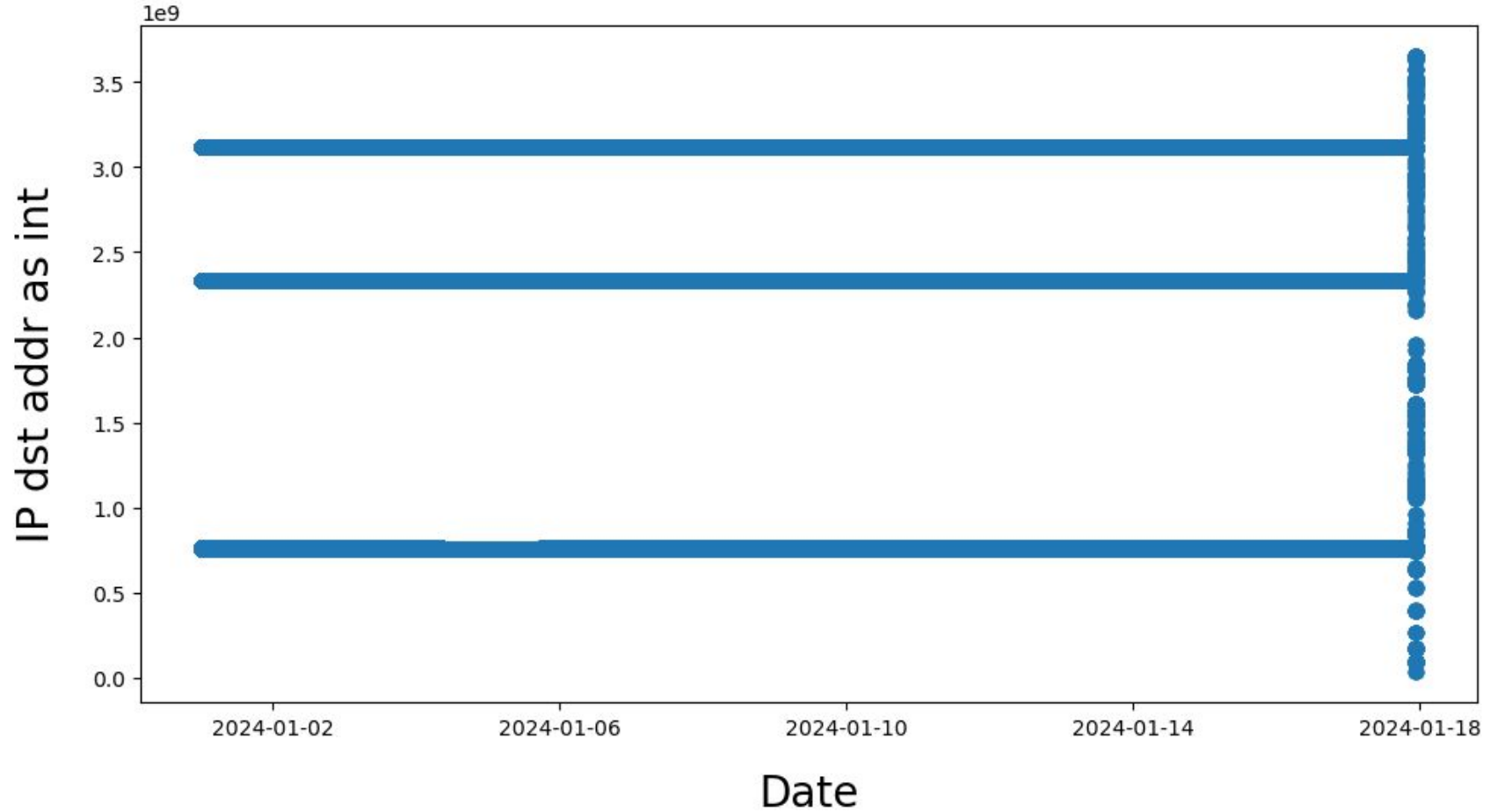
An SMTP source seen at the most dst addrs



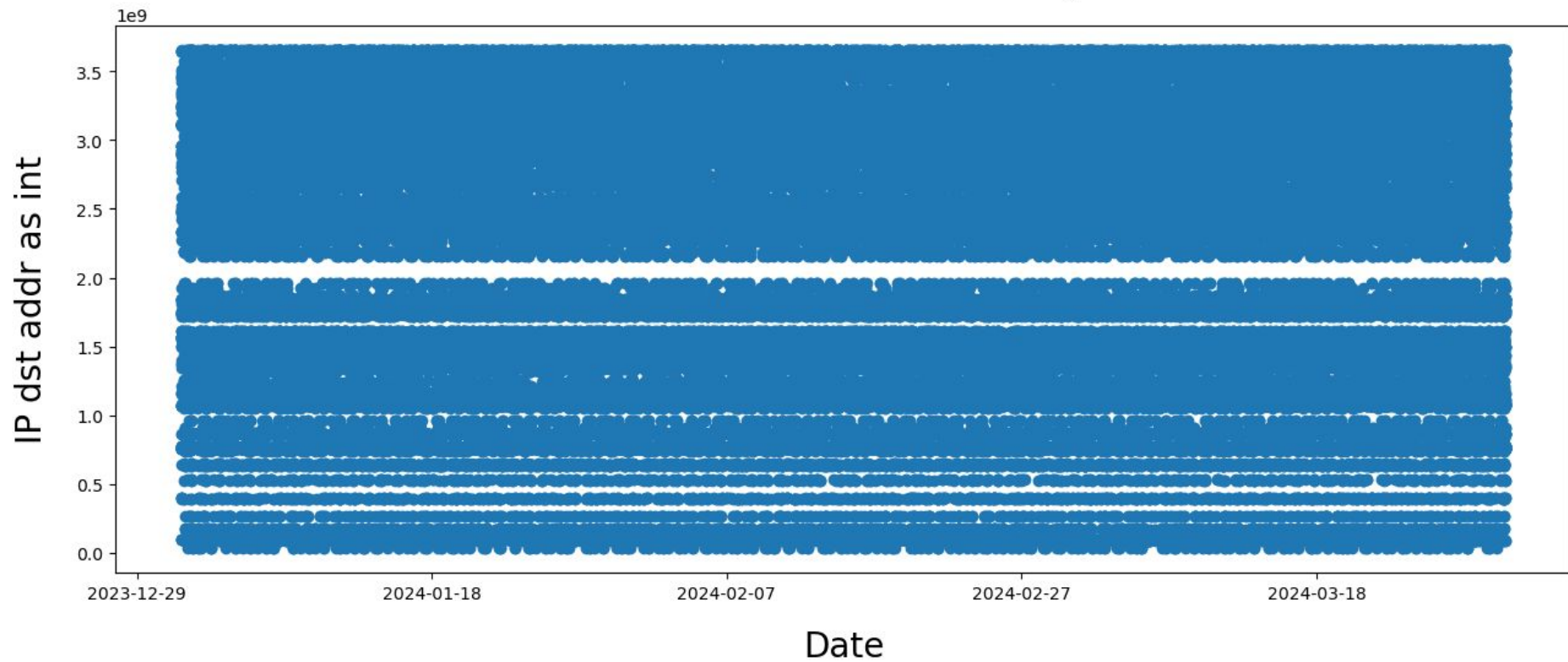
Busiest SMTP scanner (lots of RCPT TO:)



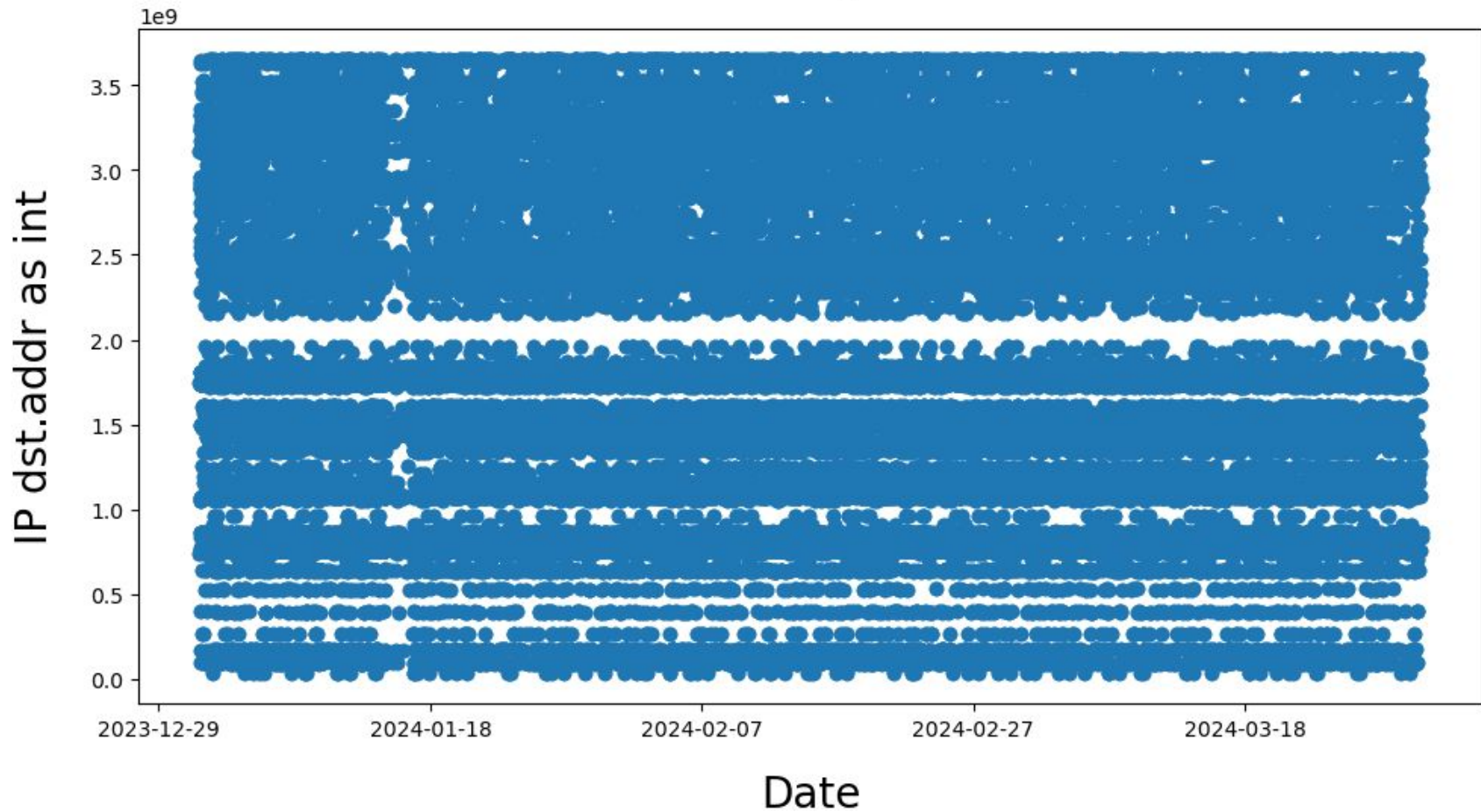
Targeted scanning, until not



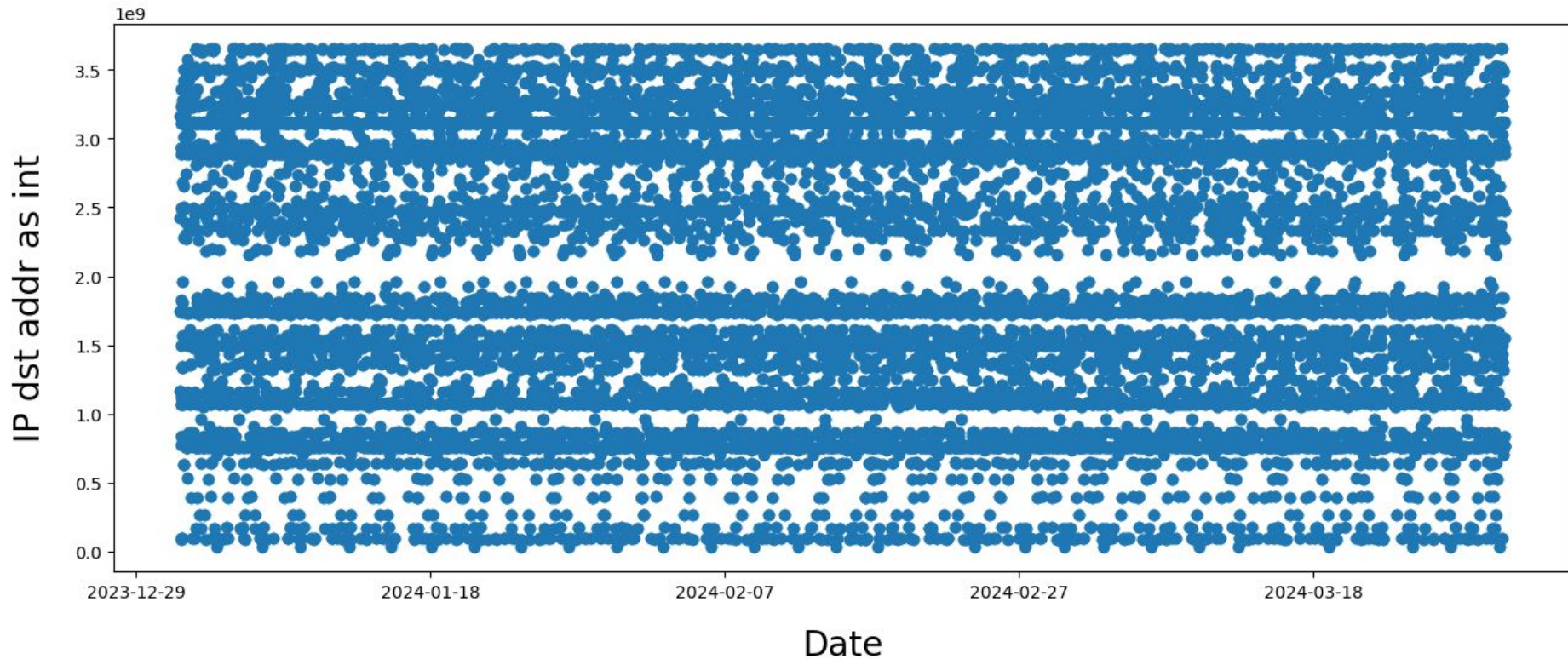
Shadowserver SMTP activity



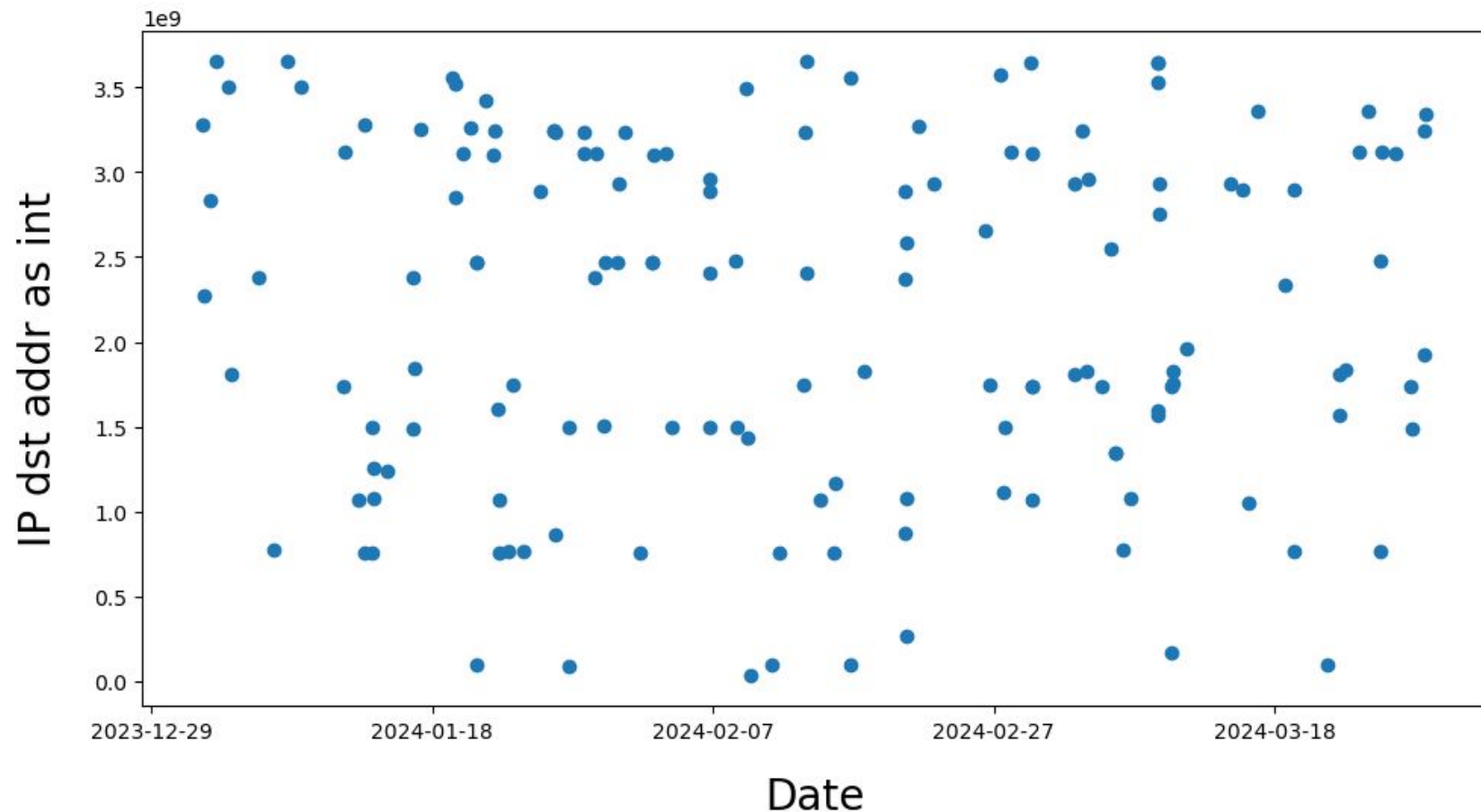
Censys



Internet-Measurement.com



One of >600 Shadowserver sources



Thank you, contact information

Contact: John Kristoff



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<https://dataplane.org/jtk/>



<https://infosec.exchange/@jtk>