

Let's fight DDoS together.

Attacked Prefixes Distribution Network

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Background

- Some of us feel annoyed by DDoS
- Some of us understood that DDoS can't be mitigated locally

- Some of us try to use UTRS to mitigate DDoS
- Some of us see deficiencies in UTRS
- Some of us notice unclear future development of UTRS

Some of us?

- Sebastian Abt / DE-CIX
- Axel Fischer / FHE3
- Malte von dem Hagen / HEG
- Christian Seitz / Strato
- Theo Voss / SysEleven
- Markus Weber / KPN
- Oliver Werner / netcup
- ...

(alphabetically sorted)



**WE WANT YOU
TO STOP DDOS!**

What is UTRS and why something new?

- Open & public blackhole route server
- Developed and driven by Team Cymru (John Kristoff)
- Problems (after John's leaving)
 - Single point of failure
 - Several longer outages
 - Maintained suboptimal
 - No additional / new features for a long time



(source: <https://www.team-cymru.org/UTRS/>)

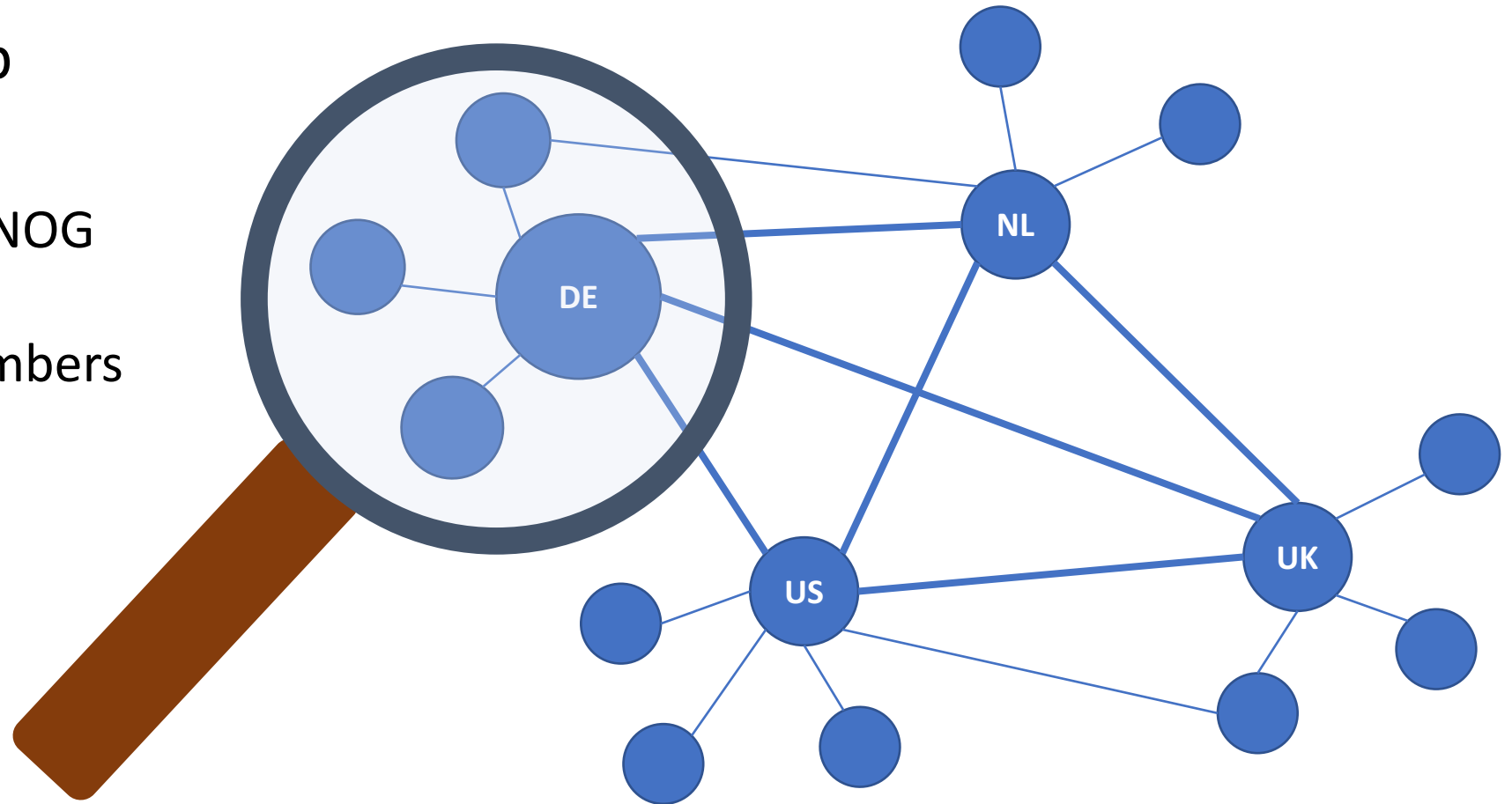
APDN Roadmap & Vision

- Establish a network that
 - distributes information required to stop DDoS attacks
 - is jointly run by local/national/regional communities (e.g., NOGs)
- Roadmap
 - Feature parity with UTRS, plus
 - IPv6 support
 - BGP FlowSpec support
 - Selective blackholing support
 - Modern APIs (i.e., not only BGP)
- Vision
 - Build an attack mitigation community?
 - Exchange attack patterns?
 - Collaborate in traceback and mitigation?
 - Educate peers and customers?

...

APDN Operations

- Distributed setup
- DE node
 - operated by DENOG
 - supported by community members



We need your backing!

Do you support running a DE node as DENOG?

Thank you!

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Web site soon, talk to us meanwhile...