

RIPE83: To ULA or not ULA

 ungleich



Nico Schottelius

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Background

- ▶ SiXXs used to run a ULA registry until 2017
- ▶ In 2020 ungleich launched new registry
 - ▶ Since then +100 new prefixes
- ▶ Discussion of a ULA registry came up
 - ▶ Customers
 - ▶ Partner companies
 - ▶ Network events

Objective

- ▶ Discuss how to support organisations that rely on ULA

Quick recap: ULA

- ▶ UNIQUE local address
- ▶ How unique can something be without a (central) registry?
- ▶ ULA used in community networks (Freifunk and co.)
 - ▶ Spawning cities
 - ▶ Requiring uniqueness within the network
 - ▶ Many locations
- ▶ Not necessarily visible in the Internet

ULA ranges

- ▶ fd00::/8 - from sixxs, "no registry"
 - ▶ In use by both registries
- ▶ fc00::/8 - "registry", but no-one uses it
 - ▶ Not really used
 - ▶ No consensus on "who" should run it

Why no GUA?

- ▶ GUA is globally unique
- ▶ Why bother with ULA at all?
- ▶ Price / Resources
 - ▶ ULA is "free"
 - ▶ Often works is free in community networks
 - ▶ Money isn't
- ▶ Proof of work based registry?

Follow up / more information

- ▶ Open floor
 - ▶ How / should we support community projects?
 - ▶ Should there be a ULA registry?
 - ▶ If yes, fd00::/8 or fc00::/8?
- ▶ ULA announcement
 - ▶ <https://ungleich.ch/u/advent-calendar/06/>
- ▶ ULA registries
 - ▶ <https://www.sixxs.net/tools/grh/ula/list/>
 - ▶ <https://ula.ungleich.ch/>