Legacy space

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Background

- IPv4 address space distributed by IANA prior to RIR system

- After RIR system introduced, IANA authorised RIPE NCC to take over administrative responsibility

- Covers all IPv4 addresses distributed in RIPE NCC service region

- 4,500 prefixes held by 2,500 organisations

- One of RIPE NCC's key responsibilities as an RIR is to keep the RIPE Registry comprehensive, correct and accurate

The Challenge

- Contact legacy space holders and encourage them to update their legacy space registration(s)

- Four-phase implementation plan

  - Phase 1: contact 10 RIPE NCC members

  - Phase 2: contact all RIPE NCC members

  - Phase 3: contact all non-members holding /16 or higher

  - Phase 4: contact all non-members holding less than a /16

Contacting Legacy Space Holders

- Cross-department team has been working with RIPE Chair for several months:

  - Tailored letters for members and non-members encouraging them to register legacy space

  - Webpage, brochure, posters and staff to help with questions at RIPE 63

  - Dedicated team in RIPE NCC Registration Services to handle legacy space enquiries

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Benefits of Registering Legacy Space

- Update and manage registration data

- Use RIPE NCC membership services

- Update Reverse DNS delegation

- Provide reliable data for network operations and troubleshooting

- Show that you are a good Internet citizen

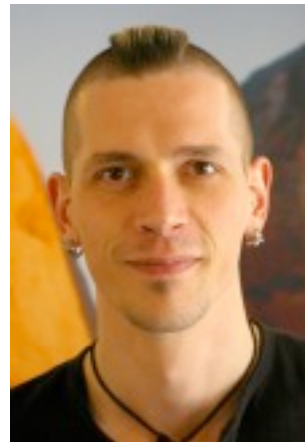# Risks of Not Registering Legacy Space

- Increased risk of hijacking

- **No changes can be made to registration; it will be frozen *as-is* in RIPE Registry**

- Reverse DNS cannot be guaranteed

- Routing problems with network operators

- Cannot prove you are the legitimate holder

Questions?

- Email: legacy@ripe.net

- Visit: www.ripe.net/legacyspace

- Call: +31 20 535 4455

- At RIPE 63:

  - Visit the RIPE NCC Info Hub for more info

  - Speak with Andrea, Ingrid, Alex, Elvis or Radha

RIPE NCC

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