The importance of knowing RIS

Or better, why you should peer with RIS

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MANRS

Internet Society

Disclaimer

- This is a joint presentation between RIPE NCC and ISOC

- RIS is an important resource for the Internet as a whole

What is RIS ?

- RIS is a routing data collection platform started in 1999

- "Live" routing information, such as:

  - What is being announced

  - Which prefixes are seen and where

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RIS Data

- Data is available to everyone

  - Also with streaming API

- Many tools make use of it to detect anomalies in routing or to visualise

  - RIPE Stat, BGPlay

  - BGPAlerter

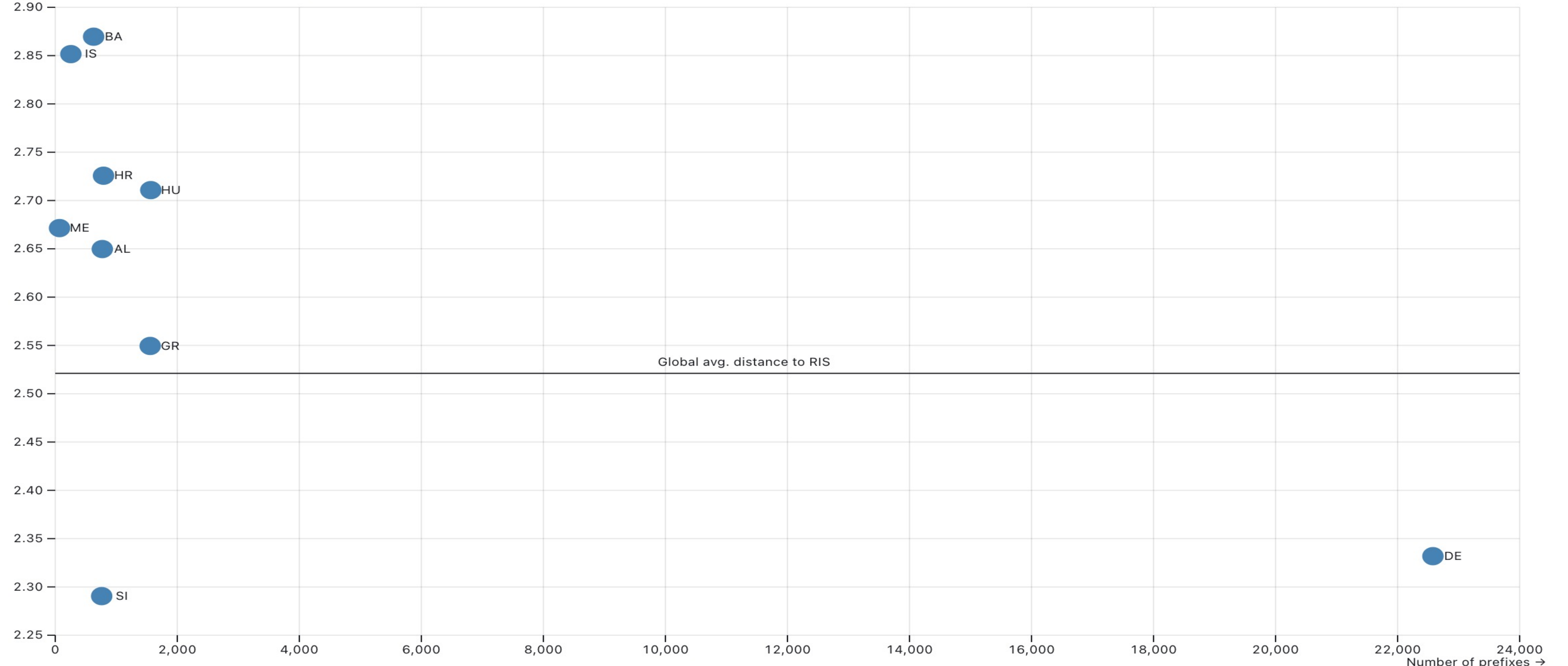 - MANRS data collection for MANRS Observatory

How do you get involved ?

- Set up a BGP Session with RIS

  - Directly with a RRC (Route Collector)

  - With a multi-hop session

Average ASPath length in RIS to European prefixes

Country Codes
(comma separated)   GR,HR,DE,SI,HU,IS,AL,ME,BA

↑ Avg AS hop distance from RIS (lower is better visibility)

Peer with RIS!

- Send an email to ris-peering@ripe.net

- Or fill in the form at https://www.ris.ripe.net/cgi-bin/peerreg.cgi

- Better routing visibility and more security for your network and your region

Resources

- https://www.peeringdb.com/net/621

- https://ris.ripe.net

- https://github.com/nttgin/BGPalerter

Questions ?

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