



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

Panel Notes

Censorship, War, Geopolitics

emile.aben@ripe.net | Internet Without Borders

Fragmentation / Centralisation

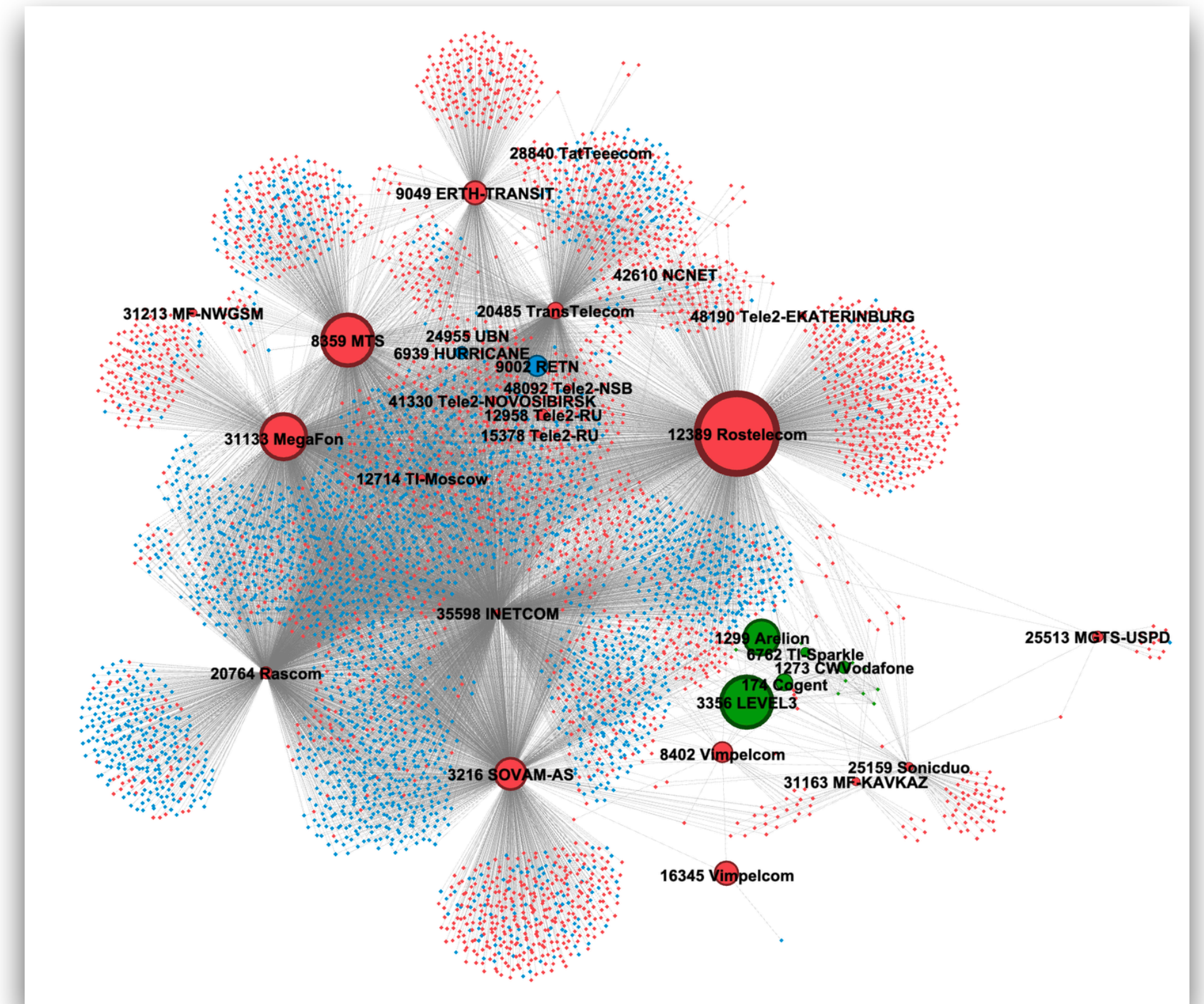


- Censorship, war, geopolitics
 - Technical perspective: Damage to the single, global, interoperable Internet
 - “Internet routes around damage”
- Causes both fragmentation and centralisation
 - Frictionless end-to-end connectivity (IP, BGP) vs. walled gardens
 - Free flow of information, but also mis-information
- Who benefits? Who suffers?
 - To answer this: look at all the angles: multi-disciplinary collaboration!

“My” Angle



- Technical/Data perspective
 - RIPE NCC collects a lot of technical (BGP etc) data about the state of Internet interconnection
 - What insights do we want from them, and how do we get there?
- Examples:
 - How are Russian networks (ASNs) connected to the wider Internet?
 - Myths and realities of IP geolocation
- Challenge:
 - Make data accessible and understandable



Myth vs Reality



Doug Madory @DougMadory · Jul 7

I may have found some data on the recent RU disconnection "test".

I can see a small drop in traffic for two RU mobile operators during the timeframe.

Maybe the test consists of blocking international traffic for just a portion of RU to identify outside dependencies.

Natalia Krapiva @natynettle · Jul 6

!! Last night, Russia tested disconnecting itself from the global internet.

On June 5, around 2-4am Moscow time, authorities tested the Sovereign Internet system which led to disruptions of various website...

- <https://twitter.com/DougMadory/status/1677057343790682114>

Focus Points



- To distinguish myth from reality: Collect **better** data
- Collaborate: Even more so with people with different expertises
- Non-techies: Listen to technical community (and vice versa)



Backup Info

Cross Discipline collaboration



- Examples
 - “The Internet in Crimea: a Case Study on Routing Interregnum”
 - https://labs.ripe.net/author/uta_meier_hahn/





- <https://labs.ripe.net/author/gih/on-internet-centrality-and-fragmentation/>