

MAT WG

Measurements, Analysis and Tools
Working Group

Agenda

- What is a Working Group?
- History
- NCC Projects
- MAT WG Sessions
- Mailing list
- Your Questions
- Our Questions
- Thanks

What is a Working Group?

- RIPE NCC vs Community explanation
- Working Group
- Mailinglist

History

- TT WG
- Charter and Name change at RIPE 60
- New WG Co-Chairs:
 - Richard Barnes
 - Christian Kaufmann
 - Ian Meikle (TT WG Co-Chair)

NCC Projects

- RIPEstat portal
- RIPE Atlas probes

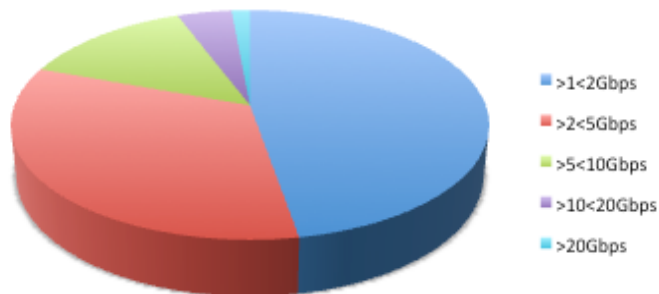
MAT WG Sessions - Examples

2010 ATLAS Initiative : DDoS Trends 2009 - 2010

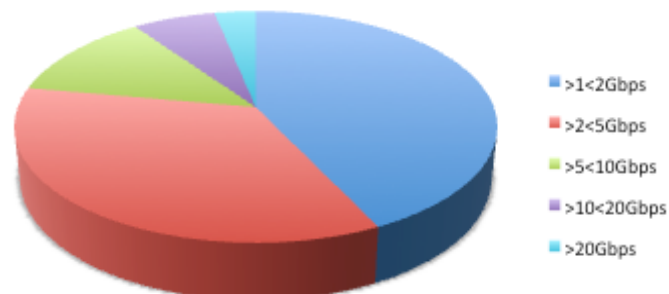
Attacks over 10Gb/sec on the rise!

- Proportion of monitored attacks over 10Gb/sec has grown by 470% from 2009
- Monitoring > 10Gb/sec attack approx every 6.5 hours
- Increase in large bps / pps attacks year on year:
 - 319% increase in number of monitored attacks > 10Gbps from 2009 – 2010.
 - 45% growth in number of attacks > 10Mpps.

World 2009 Size Break-Out, BPS



World 2010 Size Break-Out, BPS

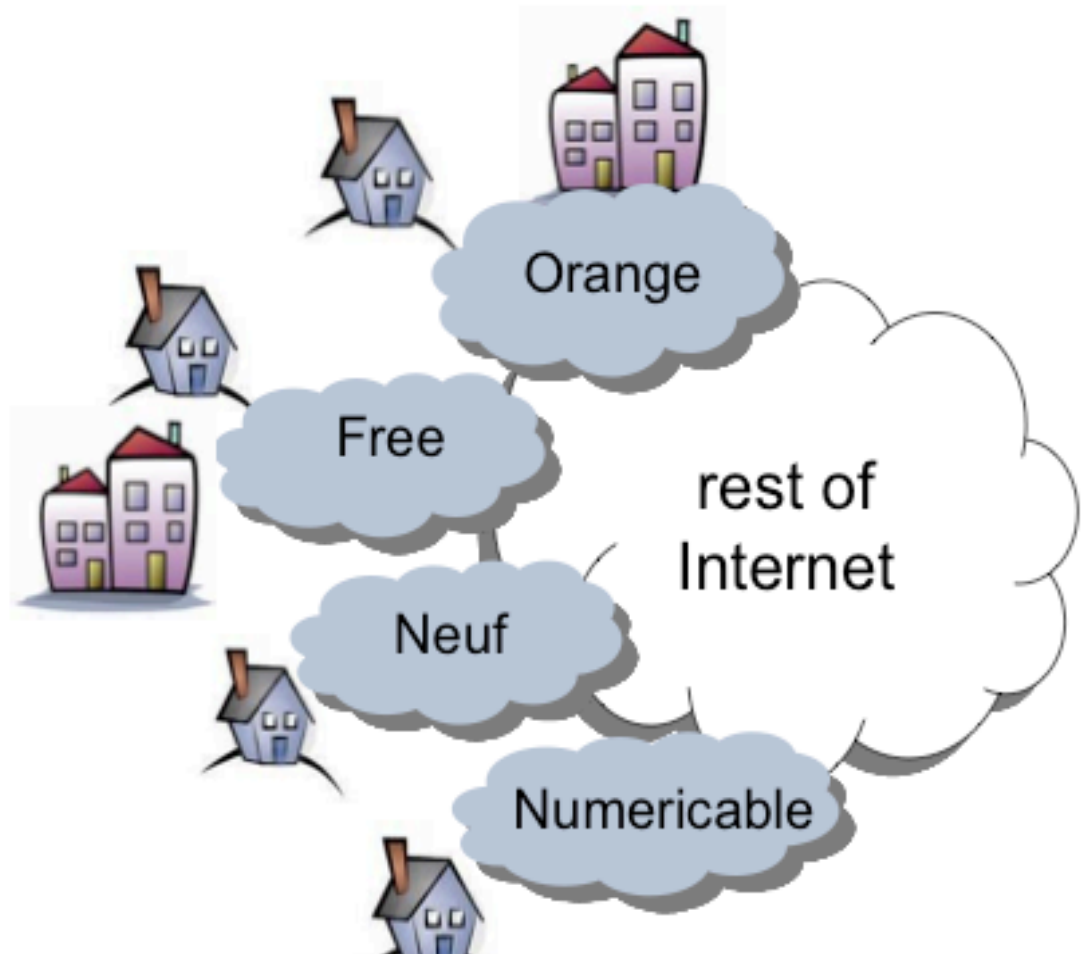


MAT WG Sessions - Examples

Our first take:



- Clients run at home computers in France
 - Pings
 - FTP download/upload
 - Metadata: ISP, SLA, and city
- Server reports “weather conditions” of each ISP

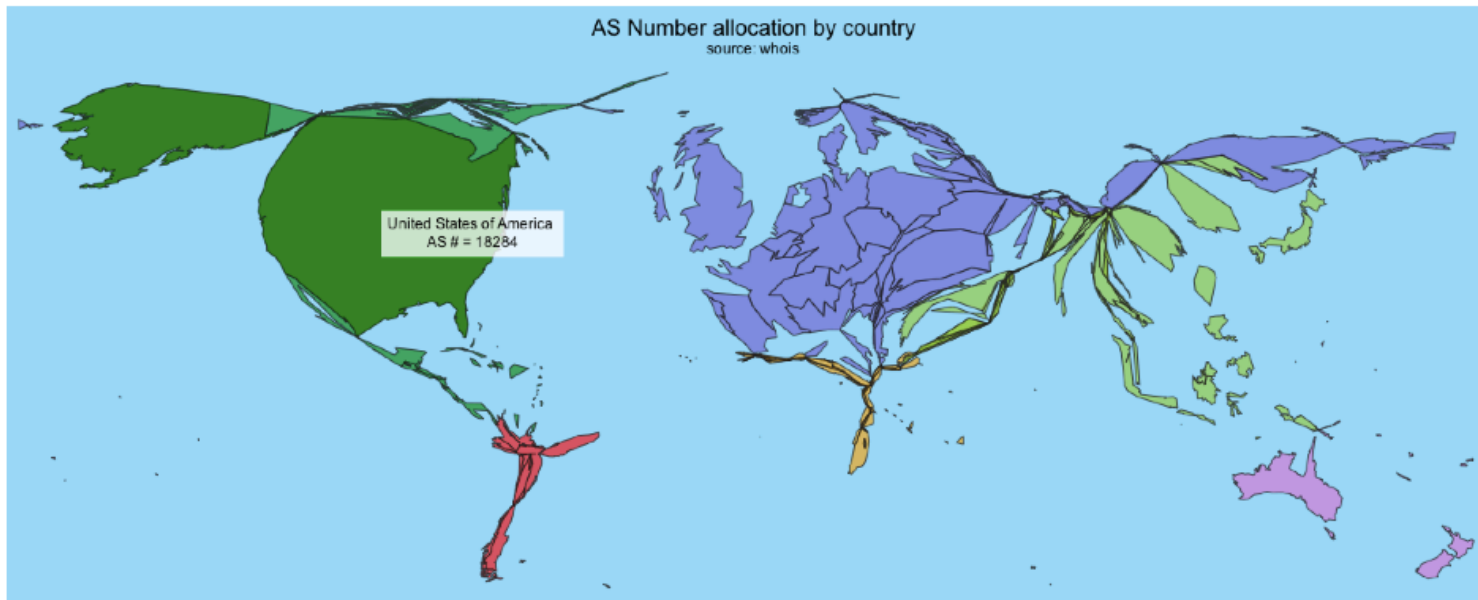


MAT WG Sessions - Examples

Tools: Cartograms



- distortion reflects data
- it's still a world map!



Two-way Communication

- Primary communication medium for the WG is the mailing list
- Meet face to face at each RIPE Meeting
- First session at an outreach meeting

Your Questions:

- Where to subscribe:
 - <http://www.ripe.net/mailman/listinfo/mat-wg>
- How to contact the WG Co-Chairs?
 - Grab us personally on a conference like the ENOG 😊
 - Email us: `mat-wg-chairs (at) ripe.net`

Our Questions

- Is the MAT-WG Interesting to you?
- Is there something missing which would be helpful for you and your daily job?
- For the next ENOG meeting, should we do a session again?
 - More local content?
 - More international content?

Thanks!